VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, Mayor
Oscar Sardinas, Vice Mayor
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

REGULAR COUNCIL MEETING

TUESDAY, AUGUST 19, 2025
6:30 PM

1. CALL TO ORDER/ROLL CALL OF MEMBERS

2. PLEDGE OF ALLEGIANCE

3. INVOCATION
RABBI AVREMEL CAROLINE
CHABAD OF KEY BISCAYNE

4. BRIEF COMMENTS BY COUNCIL

5. PUBLIC COMMENTS:
If you would like to speak during public comments, please fill out a blue request form available at the Council Chamber entrance and submit it to the Village Clerk prior to the start of the meeting. When your name is called, please come forward to the podium and state your name and address. (If applicable, please state if you are a hired consultant or Village employee and/or engaged in lobbying activities and/or representing an organization.) Unless otherwise provided by Council, members of the public will have three (3) minutes to speak.

6. AGENDA:
APPROVAL/DEFERRALS/ADDITIONS/DELETIONS/SUBSTITUTIONS/WITHDRAWALS

7. SPECIAL PRESENTATIONS:

7.A. SPECIAL RECOGNITION FOR KEY BISCAYNE ROWERS (PARKS, RECREATION AND OPEN SPACES DIRECTOR TODD HOFFERBERTH)

7.B. PRESENTATION OF A PROCLAMATION FOR RON ERBEL (MAYOR RASCO)

TAB 1

7.C. PRESENTATION BY THE DISABILITY ADVISORY BOARD (COUNCILMEMBER STONER)

8. CONSENT AGENDA:

(Consent agenda items are those which are routine, do not require discussion or explanation prior to Village Council action, or have already been discussed and/or explained and do not require further discussion or explanation. Items can be removed from the consent agenda by the request on an individual Councilmember for independent consideration provided such request is made during the approval/deferrals/additions/deletions/substitutions/withdrawals segment of the meeting, prior to the vote on the consent agenda.)

8.A. JUNE 10, 2025 MINUTES
(REGULAR COUNCIL MEETING)

TAB 2

8.B.

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **ACCEPTING A FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) PUBLIC TRANSIT SERVICE DEVELOPMENT PROGRAM GRANT IN THE AMOUNT OF $203,083 RELATING TO THE VILLAGE'S ON-DEMAND TRANSIT SERVICE**; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE. (CIP AND GRANTS MANAGER COLLEEN DURFEE)

RECOMMENDATION: APPROVAL

TAB 3

8.C.

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **ACCEPTING A BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM GRANT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR THE KEY BISCAYNE BEACH NOURISHMENT PROJECT IN THE AMOUNT OF $91,460 AND APPROVING AN AGREEMENT RELATED TO THE SAME; PROVIDING FOR AUTHORIZATION**; AND PROVIDING FOR AN EFFECTIVE DATE. (CHIEF RESILIENCE AND SUSTAINABILITY OFFICER DR. ROLAND SAMIMY)

RECOMMENDATION: APPROVAL

TAB 4

8.D. A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **SELECTING KCI TECHNOLOGIES, INC., COLLIERS ENGINEERING & DESIGN, INC., AND LONGITUDE SURVEYORS, LLC PURSUANT TO REQUEST FOR QUALIFICATIONS (RFQ) NO. 2025-11 FOR CONTINUING GEOTECHNICAL & SURVEYING SERVICES**; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.(PUBLIC WORKS DIRECTOR CHRIS MIRANDA)

RECOMMENDATION: APPROVAL

TAB 5

8.E.

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **SELECTING CON-MECH INC. FOR HVAC REPLACEMENT, REPAIR, AND MAINTENANCE SERVICES PURSUANT TO INVITATION TO BID (ITB) NO. 2025-05; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION;** AND PROVIDING FOR AN EFFECTIVE DATE. (PUBLIC WORKS DIRECTOR CHRIS MIRANDA)

RECOMMENDATION: APPROVAL

TAB 6

8.F.

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **SELECTING BELLTOWER CONSULTING GROUP, LLC FOR GRANT ADMINISTRATION SUPPORT SERVICES PURSUANT TO REQUEST FOR QUALIFICATIONS (RFQ) NO. 2025-01 IN AN AMOUNT NOT TO EXCEED $49,500 ANNUALLY**; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE. (CIP AND GRANTS MANAGER COLLEEN DURFEE)

RECOMMENDATION: APPROVAL

TAB 7

8.G.

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **SELECTING REFLECTIONS PRODUCTIONS, INC., THE GERSIL GROUP INC. D/B/A SIGNATURE PRODUCTION SERVICES, AND EVENT FACTOR, INC. FOR SOUND, STAGE, LIGHTING, AND EQUIPMENT RENTAL SERVICES ON AN AS-NEEDED BASIS; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION**; AND PROVIDING FOR AN EFFECTIVE DATE. (PARKS, RECREATION, AND OPEN SPACES DIRECTOR TODD HOFFERBERTH)

RECOMMENDATION: APPROVAL

TAB 8

8.H. A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **SELECTING IGGY TRAP OF FLORIDA, LLC FOR IGUANA PEST CONTROL SERVICES IN AN AMOUNT NOT TO EXCEED $65,000 ANNUALLY; PROVIDING FOR AUTHORIZATION** ; AND PROVIDING FOR AN EFFECTIVE DATE. (PARKS, RECREATION, AND OPEN SPACES DIRECTOR TODD HOFFERBERTH)

RECOMMENDATION: APPROVAL

TAB 9

8.I. A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **SELECTING ISLAND PARTY PLACE LLC AND MEGA PARTY EVENTS INC. FOR SPECIAL EVENTS RENTAL SUPPLIES SERVICES ON AN AS-NEEDED BASIS; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION**; AND PROVIDING FOR AN EFFECTIVE DATE. (PARKS, RECREATION, AND OPEN SPACES DIRECTOR TODD HOFFERBERTH)

RECOMMENDATION: APPROVAL

TAB 10

8.J. A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **SELECTING BRAXUS INDUSTRIES LLC D/B/A EVENT MAX AND MEGA PARTY EVENTS INC. FOR MECHANICAL RIDES, INFLATABLES, AND ENTERTAINMENT SERVICES ON AN AS-NEEDED BASIS; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION**; AND PROVIDING FOR AN EFFECTIVE DATE. (PARKS, RECREATION, AND OPEN SPACES DIRECTOR TODD HOFFERBERTH)

RECOMMENDATION: APPROVAL

TAB 11

9. ORDINANCES: (NOT LATER THAN 7:30 P.M.)

9.A. AN ORDINANCE OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **AMENDING ORDINANCE NO. 2024-16 WHICH ADOPTED THE BUDGET FOR FISCAL YEAR 2024-2025 BY REVISING THE 2024-2025 FISCAL YEAR BUDGET (BUDGET AMENDMENT NO. 2);** PROVIDING FOR IMPLEMENTATION; AND

PROVIDING FOR AN EFFECTIVE DATE. (CHIEF FINANCIAL OFFICER BENJAMIN NUSSBAUM)
SECOND READING
PUBLIC HEARING REQUIRED
(PROPOSED ORDINANCE IS FOR $950,000 FOR THE RICKENBACKER CAUSEWAY "SHORELINE" FEASIBILITY CONCEPT REFINEMENT AND ASSESSMENT)

RECOMMENDATION: APPROVAL

TAB 12

9.B.

A CAPITAL PROJECT AUTHORIZING ORDINANCE OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **APPROVING THE PURCHASE OF MOTOROLA POLICE RADIOS, APX DISPATCH CONSOLETTES, AND RELATED SERVICES FROM MOTOROLA SOLUTIONS, INC. IN AN AMOUNT NOT TO EXCEED $556,051.92; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION**; AND PROVIDING FOR AN EFFECTIVE DATE.(CHIEF OF POLICE FRANCIS J. SOUSA)

FIRST READING

RECOMMENDATION: APPROVAL

TAB 13

9.C.

AN ORDINANCE OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **AMENDING ARTICLE V, CHAPTER 26, "ELECTRIC BICYCLES, MOTORIZED SCOOTERS, AND OTHER MOTORIZED MOBILITY DEVICES" OF THE VILLAGE CODE OF ORDINANCES RELATING TO THE OPERATION OF ELECTRIC BICYCLES, MOTORIZED SCOOTERS, AND OTHER MOTORIZED MOBILITY DEVICES WITHIN THE VILLAGE; RENAMING OF THE ARTICLE TO "MICROMOBILITY DEVICES" AND PROVIDING FOR THE PROHIBITION AND REGULATION OF SUCH DEVICES; PROVIDING FOR SEVERABILITY; PROVIDING FOR CODIFICATION; PROVIDING FOR CONFLICTS; PROVIDING FOR VILLAGE MANAGER REVIEW AND RECOMMENDATION;** AND PROVIDING FOR AN EFFECTIVE DATE. (CHIEF OF POLICE FRANCIS J. SOUSA)

FIRST READING

RECOMMENDATION: APPROVAL

TAB 14

9.D.

AN ORDINANCE OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **AMENDING SECTION 2-10, "ADVISORY BOARDS," OF CHAPTER 2 OF THE VILLAGE**

CODE OF ORDINANCES RELATING TO ADVISORY BOARD ADMINISTRATION AND BOARD MEMBER REQUIREMENTS; PROVIDING FOR SEVERABILITY; PROVIDING FOR CODIFICATION; PROVIDING FOR CONFLICTS; AND PROVIDING FOR AN EFFECTIVE DATE.(MAYOR RASCO)

FIRST READING

TAB 15

10. RESOLUTIONS:

10.A.

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **AMENDING THE MAXIMUM RATE FOR THE STORMWATER UTILITY FEE RELATING TO THE STORMWATER MANAGEMENT SYSTEM; PROVIDING FOR AUTHORITY, PURPOSE, AND DEFINITIONS; CONFIRMING THE INITIAL RATE RESOLUTION; PROVIDING FOR EQUALIZATION, FILING, AND LIEN ON PROPERTIES TO BE ASSESSED; PROVIDING FOR EFFECT OF ADOPTION OF FINAL ASSESSMENT RESOLUTION; PROVIDING FOR FILING; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY;** AND PROVIDING FOR AN EFFECTIVE DATE. (CHIEF FINANCIAL OFFICER BENJAMIN NUSSBAUM)

RECOMMENDATION: APPROVAL

TAB 16

10.B.

A CAPITAL PROJECT AUTHORIZING RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **AUTHORIZING THE VILLAGE MANAGER TO ISSUE A WORK ORDER TO THE STOUT GROUP LLC FOR ROADWAY MILLING AND PAVING IN AN AMOUNT NOT TO EXCEED $492,850**; AND PROVIDING FOR AN EFFECTIVE DATE. (PUBLIC WORKS DIRECTOR CHRIS MIRANDA)

RECOMMENDATION: APPROVAL

TAB 17

10.C.

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **AUTHORIZING THE VILLAGE MANAGER TO ISSUE A WORK ORDER TO BCC ENGINEERING, LLC FOR PROFESSIONAL ENGINEERING SERVICES RELATING TO THE STREETLIGHTING CONVERSION AND TRANSFER PROJECT IN AN AMOUNT NOT TO EXCEED $316,835.30**; AND PROVIDING FOR AN EFFECTIVE DATE. (PUBLIC WORKS DIRECTOR CHRIS MIRANDA)

RECOMMENDATION: APPROVAL

TAB 18

10.D. A CAPITAL PROJECT AUTHORIZING RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **APPROVING THE PURCHASE OF A HIGH-WATER RAPID RESPONSE VEHICLE FROM POLARIS SALES, INC. IN AN AMOUNT NOT TO EXCEED $63,874.53**; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE. (FIRE RESCUE CHIEF JOE FERNANDEZ)

RECOMMENDATION: APPROVAL

TAB 19

10.E. A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **SELECTING GIT CONSULTING LLC PURSUANT TO REQUEST FOR QUALIFICATIONS (RFQ) NO. 2025-13 FOR ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING SERVICES**; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE. (COUNCILMEMBER BRACKEN)

TAB 20

10.F. A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, **AUTHORIZING THE VILLAGE MANAGER TO ISSUE A WORK ORDER TO AECOM TECHNICAL SERVICES, INC. FOR ADDITIONAL BASELINE STORMWATER MODELING FOR THE K-8 SCHOOL (ZONE 1) STORMWATER DRAINAGE IMPROVEMENTS PROJECT IN AN AMOUNT NOT TO EXCEED $38,376**; AND PROVIDING FOR AN EFFECTIVE DATE. (AD HOC COMMITTEE CHAIR, COUNCILMEMBER BRACKEN)

TAB 21

11. REPORTS AND RECOMMENDATIONS:

A. VILLAGE MANAGER: (NOT LATER THAN 8:00 P.M.)

MANAGER'S REPORT

TAB 22

1. CIP FY25 MONTHLY REPORT (CIP AND GRANTS MANAGER COLLEEN DURFEE)

B. MAYOR AND COUNCILMEMBERS

1. VILLAGE SPONSORSHIP OF WHY I LOVE MY VILLAGE EVENT DURING FLORIDA CITY GOVERNMENT WEEK, OCTOBER 20-26, 2025 (COUNCILMEMBER STONER)

2. EXPANSION OF SCOPE OF WORK ASSIGNED TO ZORC (COUNCILMEMBER STONER)

3. ZONING CODE AMENDMENT RE: INSTITUTIONAL ZONING (COUNCILMEMBER STONER)

4. DISABILITY ADVISORY BOARD APPOINTMENT (MAYOR RASCO)

5. REQUESTING MEETING DATE CHANGE FROM OCTOBER 15, 2025 TO OCTOBER 14, 2025 (COUNCILMEMBER BRACKEN)

6. SETTING A DATE FOR A VILLAGE SWALE WORKSHOP (MAYOR RASCO)

7. MOTION FOR THE MANAGER TO PROCEED WITH GETTING BIDS TO CONSTRUCT UNDERGROUNDING ELECTRIC (COUNCILMEMBER LONDON)

8. MOTION TO REQUIRE THE MANAGER TO CEASE SPENDING TIME, MONEY, AND APPROVALS FOR ZONE 1 STORM SEWER, AND WATER LINES UNTIL ALTERNATIVE ADHOC COMMITTEE ENGINEERS SUBMIT AN ALTERNATE PLAN WITH ESTIMATED COST FOR ZONE 1 TO COUNCIL, AND IN THE ALTERNATIVE SUBMIT THE MANAGERS ZONE 1 PLAN TO A VILLAGE REFERENDUM TO ALL ELIGIBLE VOTERS (COUNCILMEMBER LONDON)

9. REQUIRE A DETAILED ALLOCATION OF HOW THE $950,000 APPROVED AT THE LAST COUNCIL MEETING FOR THE RICKENBACKER CAUSEWAY WILL BE SPENT, AND HOW MUCH MORE DOES COMMISSIONER REGALADO EXPECT US TO CONTRIBUTE, BEFORE WE CONSIDER GOING FORWARD WITH OUR INITIAL $950,000 CONTRIBUTION. (COUNCILMEMBER LONDON)

C. VILLAGE ATTORNEY

D. VILLAGE CLERK

12. OTHER BUSINESS/GENERAL DISCUSSION

12.A. MOTION TO DEFER REGULATORY VARIANCE FOR 22 HARBOR POINT

RELATING TO DOCK LENGTH TO A DATE CERTAIN.

TAB 23

13. SCHEDULE OF FUTURE MEETINGS/EVENTS:

FIRST BUDGET HEARING
THURSDAY, SEPTEMBER 11, 2025, 6:30 P.M., COUNCIL CHAMBER

SECOND BUDGET HEARING
MONDAY, SEPTEMBER 29, 2025, 6:30 P.M., COUNCIL CHAMBER

14. ADJOURNMENT

I. ANY PERSON WISHING TO ADDRESS THE VILLAGE COUNCIL ON AN ITEM ON THIS AGENDA IS ASKED TO REGISTER WITH THE VILLAGE CLERK PRIOR TO THAT ITEM BEING HEARD. PRIOR TO MAKING A STATEMENT, PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD.

II. IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT OF 1990, ALL PERSONS WHO ARE DISABLED AND WHO NEED SPECIAL ACCOMMODATIONS TO PARTICIPATE IN THIS PROCEEDING BECAUSE OF THAT DISABILITY SHOULD CONTACT THE OFFICE OF THE VILLAGE CLERK, 88 WEST MCINTYRE STREET, KEY BISCAYNE, FLORIDA 33149, TELEPHONE NUMBER (305) 365-5506, NOT LATER THAN TWO BUSINESS DAYS PRIOR TO SUCH PROCEEDINGS.

III. IF A PERSON DECIDES TO APPEAL ANY DECISION MADE BY THE VILLAGE COUNCIL WITH RESPECT TO ANY MATTER CONSIDERED AT A MEETING OR HEARING, THAT PERSON WILL NEED A RECORD OF THE PROCEEDINGS AND, FOR SUCH PURPOSE, MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE, WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED (F.S.286.0105).

IV. IN ACCORDANCE WITH VILLAGE CODE SECTION 2-161, ADOPTING SECTION 2-11.1(s) OF THE MIAMI-DADE COUNTY CODE, ANY PERSON ENGAGING IN LOBBYING ACTIVITIES, AS DEFINED THEREIN, MUST REGISTER AT THE VILLAGE CLERK'S OFFICE BEFORE ADDRESSING THE COUNCIL ON THE ABOVE MATTERS OR ENGAGING IN LOBBYING ACTIVITIES.

THE ABOVE MEETINGS ARE HELD IN THE COUNCIL CHAMBER, 560 CRANDON BOULEVARD AND ARE SUBJECT TO CHANGE. ZONING MEETINGS AND SPECIAL COUNCIL MEETINGS WILL BE SCHEDULED ON AN AS NEEDED BASIS. PLEASE VISIT www.keybiscayne.fl.gov TO VIEW THE MEETING SCHEDULE.

INFORMATION TO FOLLOW

MINUTES

REGULAR COUNCIL MEETING
KEY BISCAYNE, FLORIDA

TUESDAY, JUNE 10, 2025

COUNCIL CHAMBER
560 CRANDON BOULEVARD

1. **CALL TO ORDER/ROLL CALL OF MEMBERS:** The meeting was called to order by the Mayor at 6:31 p.m. Present were Councilmembers Michael F. Bracken, Franklin H. Caplan, Councilmember Edward London (arrived at 6:33 p.m.), Nancy Stoner, Fernando A. Vazquez, Vice Mayor Oscar Sardiñas, and Mayor Joe I. Rasco. Also present were Village Manager Steven C. Williamson, Village Clerk Jocelyn B. Koch, and Village Attorney Chad Friedman.

2. **PLEDGE OF ALLEGIANCE:** Mayor Rasco led the Pledge of Allegiance.

3. **INVOCATION:** Reverend Willie Allen-Faiella with St. Christopher's-by-the-Sea gave an invocation.

4. **BRIEF COMMENTS BY COUNCIL:** Mayor Rasco addressed the public wishing Councilmember London a Happy Birthday and recognized the passing of longtime resident Ruth Coleman.

5. **PUBLIC COMMENTS:** The following residents addressed the Council: Lourdes Jofre-Collett, 430 Grand Bay Drive, Martin Reyes Holguin, 881 Ocean Drive, and David Rodriguez, 220 Harbor Drive.

There was discussion from Council regarding the above public comments.

6. **AGENDA:** Councilmember Caplan made a motion to set the agenda. The motion was seconded by Councilmember London and approved by a 7-0 voice vote. The vote was as follows: Councilmembers Bracken, Caplan, London, Stoner, Vazquez, Vice Mayor Sardiñas, and Rasco voting Yes.

7. **SPECIAL PRESENTATIONS:** Mayor Rasco addressed the public presenting proclamations recognizing longtime residents Diane "Dede" Moss and Barbara "Bobbie" Savage for their service to the Village on their passing.

A site plan review workshop was held for the Beach Park at 695 Ocean Drive. Building, Zoning and Planning Director Jeremy Calleros Gauger addressed the Council presenting installation plans for injection well pump equipment. The equipment is comprised of an underground component and an above ground component which contains the generator and electrical equipment which will be screened with landscaping.

There was extensive discussion from Council, Director Calleros Gauger, CIP and Grants Manager Colleen Durfee, and the Manager regarding the U.S. Department of Emergency Management's review process for grant funding, communications with the Beach Club, and aesthetic concerns. The container housing the equipment is 19 feet long, 11 feet wide, and 14 feet high. Councilmember Bracken requested a visual be provided from the Beach Club's perspective for the next Council meeting. There was no objection to this request.

A site plan review workshop was held for Harbor Park at 571-599 Harbor Drive. Director Calleros Gauger addressed the Council presenting design plans for a generator, electrical equipment, and a Florida, Power & Light vault. Also included in the plans were a green space, a plaza, and a public art feature on the electrical building's walls.

There was discussion from Council, Director Calleros Gauger, Public Works Director Chris Miranda, and the Manager regarding the design plans including dog waste locations, TRX anchor points, the public art feature, the art feature's funding, and the monthly maintenance inspection needed for the generator.

8. **CONSENT AGENDA:** Councilmember Caplan made a motion to approve the following consent agenda. The motion was seconded by Vice Mayor Sardiñas and approved by a 7-0 voice vote. The vote was as follows: Councilmembers Bracken, Caplan, London, Stoner, Vazquez, Vice Mayor Sardiñas, and Mayor Rasco voting Yes.

The minutes of the May 13, 2025, Regular Council Meeting.

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AUTHORIZING THE VILLAGE MANAGER TO ISSUE A WORK ORDER TO MOFFATT & NICHOL, INC. FOR BIOLOGICAL MONITORING AND REPORTING SERVICES RELATING TO THE 2025 BEACH RENOURISHMENT PROJECT IN AN AMOUNT NOT TO EXCEED $115,506; AND PROVIDING FOR AN EFFECTIVE DATE.

A CAPITAL PROJECT AUTHORIZING RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING SPORT SURFACES LLC FOR THE KEY BISCAYNE K-8 CENTER BASKETBALL COURT RENOVATION PROJECT IN AN AMOUNT NOT TO EXCEED $92,300; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

9. **ORDINANCES:** There were no ordinances addressed by Council.

10. **RESOLUTIONS:** The Clerk read the following resolution by title:

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, APPROVING A SETTLEMENT AGREEMENT WITH SULLY HOLDINGS II, LLC AND THE KEY BISCAYNE SOCIAL CLUB, LLC RELATING TO THE PROPERTY LOCATED AT 19-21 HARBOR DRIVE; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

Councilmember Caplan made a motion to approve the resolution. The motion was seconded by Vice Mayor Sardiñas.

There was discussion from Council, Director Calleros Gauger, and the Attorney regarding the property's recent permitting and construction history, the National Flood Insurance Program (NFIP), and trying to lower the Village's Community Rating System (CRS) score.

The resolution was approved by a 7-0 voice vote. The vote was as follows: Councilmembers Bracken, Caplan, London, Stoner, Vazquez, Vice Mayor Sardiñas, and Mayor Rasco voting Yes.

The Clerk read the following resolution by title:

A CAPITAL PROJECT AUTHORIZING RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING MILLENNIUM BUILDERS LLC FOR THE BUILDING, ZONING, AND PLANNING OFFICE RENOVATION PROJECT IN AN AMOUNT NOT TO EXCEED $448,116.49; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

Councilmember Caplan made a motion to approve the resolution. The motion was seconded by Vice Mayor Sardiñas.

There was discussion from Council, Director Calleros Gauger, and the Manager regarding the construction plans including carpet replacement, installing LED lighting, creating meeting rooms, and downsizing the waiting room due to digital permitting.

The resolution was approved by a 7-0 voice vote. The vote was as follows: Councilmembers Bracken, Caplan, London, Stoner, Vazquez, Vice Mayor Sardiñas, and Mayor Rasco voting Yes.

The Clerk read the following resolution by title:

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, PROVIDING FOR THE ESTIMATED COST OF AND ANNUAL STORMWATER UTILITY RATE FOR THE PROVISION OF STORMWATER MANAGEMENT FOR FISCAL YEAR 2025-26; DIRECTING THE PREPARATION OF A FISCAL YEAR 2025-26 ASSESSMENT ROLL; PROVIDING FOR AUTHORITY; AND PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

Councilmember Caplan made a motion to approve the resolution. The motion was seconded by Vice Mayor Sardiñas.

Chief Financial Officer Benjamin Nussbaum addressed the Council regarding the above resolution.

There was extensive discussion from Council, CFO Nussbaum, the Manager, and the Attorney regarding the above resolution, a 10% increase to the stormwater utility fee which would pay for increased operations and maintenance of the Village's existing system and is connected to the Village's application for the State's Revolving Loan Fund, debt service, and design of Zone 1. Councilmember Bracken requested a spreadsheet with costs and maintenance on an excel spreadsheet. There was no objection to this request.

The resolution was approved by a 6-1 voice vote. The vote was as follows: Councilmembers Bracken, Caplan, Stoner, Vazquez, Vice Mayor Sardiñas, and Mayor Rasco voting Yes. Councilmember London voting No.

The Clerk read the following resolution by title:

A CAPITAL PROJECT AUTHORIZING RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING ADVANCED ROOFING, INC. FOR THE KEY BISCAYNE COMMUNITY CENTER ROOF REPAIRS PROJECT IN AN AMOUNT NOT TO EXCEED $110,350 USING THE BROWARD COLLEGE CONTRACT COMPETITIVELY AWARDED PURSUANT TO RFP-2020-020-EH; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

Councilmember Caplan made a motion to approve the resolution. The motion was seconded by Vice Mayor Sardiñas.

Director Miranda addressed the Council regarding the above resolution.

There was discussion from Council, Director Miranda, and the Manager regarding the above resolution, the contract's awarding process, the type of silicone roofing product to be used and its warranty, and improving the maintenance of the Village's assets. The Manager addressed the Council regarding the Village's buildings are close to 25 years old.

The resolution was approved by a 5-2 voice vote. The vote was as follows: Councilmembers Caplan, Stoner, Vazquez, Vice Mayor Sardiñas, and Mayor Rasco voting Yes. Councilmembers Bracken and London voting No.

The Clerk read the following resolution by title:

A CAPITAL PROJECT AUTHORIZING RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING THE STOUT GROUP, LLC AND METRO EXPRESS, INC. FOR MILLING AND PAVING ROADWAY CONSTRUCTION PURSUANT TO INVITATION TO BID NO. 2025-10; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.

Councilmember Caplan made a motion to approve the resolution. The motion was seconded by Vice Mayor Sardiñas.

Director Miranda addressed the Council regarding the above resolution.

There was discussion from Council, Director Miranda, the Manager, and the Attorney regarding the above resolution, pricing, a pavement condition index plan for repairs, and future road repair work for traffic calming devices and speed humps.

It was the consensus of Council to add a line item to the contract to include pricing for unforeseen costs of future repairs.

The resolution, as amended, was approved by a 7-0 voice vote. The vote was as follows: Councilmembers Bracken, Caplan, London, Stoner, Vazquez, Vice Mayor Sardiñas, and Mayor Rasco voting Yes.

11. **REPORTS AND RECOMMENDATIONS:** The following items were discussed:

At this time Councilmember Bracken addressed the administration regarding installation of a barrier on Crandon Boulevard's right turn lane. There was discussion from Council, Director Calleros Gauger, and Director Miranda regarding safety, roadway pavement markers, green painted bike lanes, looking at possible solutions for this area, and meeting with Miami-Dade County. Miami-Dade County's approval would be needed for any modifications. Director Calleros Gauger will report back at a future meeting date to be determined.

At this time Councilmember Bracken addressed the administration regarding Impact Fees applied to residential construction to offset costs of road repair. There was extensive discussion from Council, the Manager, Director Calleros Gauger, and the Attorney regarding Impact Fee criteria, homes being replaced with larger homes, and Impact Fee consultants. Director Calleros Gauger will look into this item and report back at a future meeting date to be determined.

There was additional discussion from Council and the Manager regarding damage occurring and not just impact, a bond for damages to the right of way, enforcement issues, and fines for construction sites.

At this time Mayor Rasco addressed the Council regarding informing the Clerk when an advisory board member resigns and forwarding resumes of residents who are interested in applying.

At this time Mayor Rasco reappointed the current board members of the Sustainability Advisory Board for an additional two year term. The members are: Derek Duzoglou, Michael Schmale, Helena Iturralde, Jacqueline Kellogg, Karen Beber Futernick, Anne Rothe, and Kristin Kundahl. There was no objection by Council to reconfirm the reappointments.

At this time Mayor Rasco addressed the Council regarding the Zoning Ordinance Review Committee's (ZORC) plan and timeline. Mayor Rasco recognized Councilmember Caplan as the committee's liaison who reported there will be two meetings a month for approximately three months and the committee has identified a relevant but limited scope of work. There was

discussion from Council, Director Calleros Gauger, and the Manager regarding the committee and that a report and draft ordinances will be provided by the October or November 2025 Regular Council meeting.

The Attorney addressed the Council regarding Senate Bill 180. This bill includes a provision that would prevent all governments in the State of Florida from adopting more restrictive zoning ordinances or comprehensive plan ordinances until sometime in 2027 and potentially void any of those ordinances that were adopted from August 2024. This provision is retroactive and prospective and presents restrictions for this committee that may need to be evaluated. The Manager will share additional information from the Florida League of Cities regarding SB180 with the Council.

At this time Mayor Rasco addressed the Council regarding the July 29th, 2025 meeting date. It was the consensus of Council to cancel this meeting. There was discussion from Council and the Manager regarding the canceled meeting date.

At this time Mayor Rasco addressed the Council regarding a streetlight project update. There was discussion from Council and Director Miranda regarding developing a scope of work to move forward with a complete assessment of the Village's streetlight system. The goal is to modernize and have a unified lighting system to improve the safety throughout the entire Village. There was discussion from Councilmember London and Director Miranda on a solar lighting pilot project location and solar lighting's quality of light.

At this time Mayor Rasco addressed the Council regarding the Building Department's metrics. Director Calleros Gauger addressed the Council regarding producing reports from Accela, costs for producing detailed reports, a possible quarterly posting on the website for public viewing, and the department's turnaround timelines. Director Calleros Gauger will report back at a future meeting date to be determined.

Village Manager. The Manager addressed the Council reporting that staff will hold a hurricane training exercise on June 18th and that there is an upcoming in-person emergency training class available for elected officials.

The Manager reported on an update regarding State legislative items: Dissipators for the Stormwater Project and Police radios have passed the House and Senate so far. And on the Federal level: the Zone 1 Stormwater System Upgrade and the Hybrid Reef for Shoreline Stabilization Study are both currently being reviewed by committees.

At this time Mayor Rasco addressed the Council regarding potential changes to property taxes. There was discussion from Council regarding the above items, ad valorem taxes, homestead exemptions, and protecting infrastructure. The Manager and CFO Nussbaum will report at the Budget Workshop on recommendations on how to diversify revenues using different scenarios.

There was discussion from Councilmember Bracken and the Manager regarding a high-water vehicle. The Manager is reviewing this matter with the Fire Department and will report back at a future meeting date to be determined.

The Manager addressed the Council regarding the June 2nd rainstorm event. Director Miranda reported 3.5 inches of rain fell which then funneled to low lying areas causing 14 to 16 inches of water around the K-8 Center. This event occurred at high tide and there were approximately 7 cars (mostly electric) and golf carts stranded. There was discussion from Council, Director Miranda, and the Manager regarding the above rain event, the water which receded within 6 to 8 hours, the next day's clean-up efforts, and redeveloping the wells on Ocean Lane Drive. There was additional discussion regarding screening over the inlets, debris from construction sites, water flow, and palm fronds and branches clogging and blocking drains.

The Manager addressed the Council stating that City of Miami Commissioner Ralph Rosado was elected to District 4.

Mayor and Councilmembers: These discussion items were addressed earlier in the evening.

Village Attorney. The Attorney did not submit a report.

Village Clerk. The Clerk did not submit a report.

12. **OTHER BUSINESS/GENERAL DISCUSSION:** There was no further business discussed.

13. **SCHEDULE OF FUTURE MEETINGS/EVENTS:** A schedule of future meetings and events was presented to the Council.

14. **ADJOURNMENT:** The meeting was adjourned at 9:14 p.m.

Respectfully submitted:

_____
Jocelyn B. Koch
Village Clerk

Approved this _____ day of _____2025:

_____
Joe I. Rasco
Mayor

IF A PERSON DECIDES TO APPEAL ANY DECISION MADE BY THE VILLAGE COUNCIL WITH RESPECT TO ANY MATTER CONSIDERED AT A MEETING OR HEARING, THAT PERSON WILL NEED A RECORD OF THE PROCEEDINGS AND, FOR SUCH PURPOSE, MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE

PROCEEDINGS IS MADE, WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Florida Department of Transportation Transit Development Grant for Freebee Transit Service

RECOMMENDATION

Recommend the Village Council authorize the Village Manager to accept the Florida Department of Transportation Transit (FDOT) Development Program grant in the amount of $203,083, which would fund 50% of the cost for four of a nine-vehicle Freebee transit fleet. The Village's 50% local match of $203,083 would be funded through Citizen's Independent Transportation Trust (CITT) allocations.

BACKGROUND

The Village has successfully secured FDOT Transit Development Program funding for 2024 and 2025. This grant agreement is the third year the Village has been awarded funding through the program.

- Year 1 (2024): $166,679 (50% cost share for three vehicles)
- Year 2 (2025): $152,312 (50% cost share for three vehicles)
- Year 3 (2026): $203,083 (50% cost share for four vehicles)

CURRENT SERVICE STATUS

The Village's Freebee Public Transit Service currently operates nine 5-passenger electric vehicles, including one ADA-accessible vehicle. The service operates Sunday through Thursday from 8am to 8pm, Friday from 8am to 10pm, and Saturday from 10am to 10pm, with one vehicle serving as a quasi-circulator along Harbor Drive from 7:00-9:00am Monday through Friday to provide last-mile service to County bus riders.

This transit service allows users to request rides from anywhere in the Village to travel freely within Village boundaries, as well as Bill Baggs State Park and Crandon Beach Park. The service also connects passengers to Miami-Dade County's public transit system, functioning as a critical first and last mile connection.

GOALS OF CONTINUED TRANSIT SERVICE

The nine-vehicle fleet enables us to:

- Maintain ridership levels exceeding 10,000+ rides per month
- Sustain annual ridership above 120,000+ rides per year
- Reduce average wait times for passengers
- Service increased trip demand generated by the three new beach access paths
- Provide enhanced mobility options for residents and visitors

FINANCIAL IMPACT

The total annual cost for the operation of four Freebee vehicles for the fiscal year 2026 is projected to be $406,166, with the grant covering 50% ($203,083) of these costs. The 50% local match required ($203,083) will be funded through the Village's CITT allocation, which is restricted for transportation purposes and comes from the People's Transportation Plan Municipal Transportation Program approved by County referendum in 2002.

CONCLUSION

The Freebee transit service has proven to be an essential component of our Village's transportation infrastructure, helping reduce traffic congestion, providing convenient mobility options for residents and visitors, and supporting our sustainability goals. This FDOT Transit Development Program grant enables us to maintain the expanded service level that has demonstrated significant benefits to our island community.

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

- Goal – Effective & Efficient Government Services
- Focus Area – Streamline and modernize Village operations
- Action – Purchase and deploy new police Motorola radios

Prepared by: Colleen Durfee, CIP and Grants Manager

Department Director: Chris Miranda, Public Works

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, ACCEPTING A FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) PUBLIC TRANSIT SERVICE DEVELOPMENT PROGRAM GRANT IN THE AMOUNT OF $203,083 RELATING TO THE VILLAGE'S ON-DEMAND TRANSIT SERVICE; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on June 6, 2023, the Village Council of the Village of Key Biscayne ("Village") adopted Resolution No. 2023-33, selecting BeeFree, LLC d/b/a FreeBee ("FreeBee") for the provision of on-demand transit services in the Village (the "Services") pursuant to Request for Proposal No. 2023-02 and authorizing the Village Manager to negotiate and execute an agreement with FreeBee; and

WHEREAS, the Florida Department of Transportation ("FDOT") has awarded the Village a Public Transit Service Development Program Grant (the "Grant") in the amount of $203,083 to expand the Services offered by the Village through FreeBee for Fiscal Year 2025-2026, which the Village will match using $203,083 in Citizens' Independent Transportation Trust ("CITT") surtax proceeds; and

WHEREAS, the Village Council desires to accept the Grant funds from FDOT in the amount of $203,083 and authorize the Village Manager to negotiate and enter into a Grant Agreement with FDOT (the "Grant Agreement"); and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **Acceptance.** That the Village Council hereby accepts the Grant funds in an amount of $203,083 from FDOT.

Section 3. **Authorization.** That the Village Council hereby authorizes the Village Manager to negotiate and execute a Grant Agreement, subject to the Village Attorney's approval as to form, content, and legal sufficiency, and any subsequent amendments or related documents necessary to implement the Grant Agreement, subject to the Village Attorney's approval as to form, content, and legal sufficiency.

Section 4. **Implementation.** That the Village Manager and Village Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and provisions of this Resolution.

Section 5. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Florida Department of Environmental Protection (FDEP) Beach Management Funding Assistance Program Agreement 26DA2 in support of 2025/2026 Beach Monitoring

RECOMMENDATION

Recommend the Village Council authorize the Village Manager to accept the Grant Agreement for the Florida Department of Environmental Protection (FDEP) Beach Management Funding Assistance Program grant 26DA2 to be used as the mechanism for obtaining reimbursement for expenses incurred during the monitoring of the most recent beach renourishment completed in 2024.

DISCUSSION

Purpose: The FDEP Beach Management Funding Assistance Program (BMFAP) is the primary mechanism for the Village of Key Biscayne to obtain funds from the State of Florida to offset the costs to the Village for renourishing and monitoring the beach post construction.

Background: The FDEP seeks to enter into a new agreement (26DA2) with the Grantee (VKB) for permit required post-construction monitoring in FY 2025/26 effective June 1, 2024 and expiring December 31, 2028. Due to the effects of hurricane Ian and Nicole, the Village was successful in being awarded additional funds from the State of Florida to complete an emergency beach renourishment in early 2024 offsetting the normally planned renourishment for 2025.

Justification: The funds available through Grant Agreement 26DA2 would be used for necessary existing monitoring or rolled forward to 2026 as they may be needed for future monitoring. Executing 26DA2 secures the match funding for present and future monitoring.

Implementation/Integration Plan: Physical and biological monitoring is undertaken annually in the summer for three years post construction as required by permitting agency.

RESOURCE IMPACT

Recurring Funding: This is a matching grant and the Village applies to the grant program annually.

Personnel: Work is undertaken by the Village's ocean engineering consultant and appropriate sub-

consultants.

Equipment: NOT APPLICABLE

Facilities: NOT APPLICABLE

Training: NOT APPLICABLE

FUNDING SOURCES

The total amount of funding of the 26DA2 agreement is $91,460 requiring a local match of $108,540 bringing the total project total to $200,000. The funds secured from the BMFAP will be used to cover the costs for:

- Monitoring

This is a cost reimbursable grant with a match requirement that is covered by dedicated funds from the Village Capital Improvement Program.

- ***GL Code***: *?*
- ***Budget Line-Item***: *?*
- ***Amount***: *$200,000 (DEP $91,460 + VKB match $108,540)*
- ***Maintenance & Repair:*** NOT APPLICABLE

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

These grant dollars from the FDEP are critical to maintaining beaches and enhancing shoreline protection.

ATTACHMENT(S)

Estimated Eligible Project Cost

Task #	Eligible Project Tasks	State Cost Share (%)	Federal Estimated Project Costs	DEP	Local	Total
1	Monitoring	45.73%		$91,460.00	$108,540.00	$200,000.00
	TOTAL PROJECT COSTS			$91,460.00	$108,540.00	$200,000.00

PROJECT TIMELINE & BUDGET DETAIL: The tasks must be completed by, and all deliverables received by, the corresponding deliverable due date

Task No.	Task Title	Budget Category	Budget Amount	Task Start Date	Deliverable Due Date
1	Monitoring	Contractual Services	$91,460.00	06/01/2024	09/30/2028
		Total:	$91,460.00		

Prepared by: Roland Samimy, Ph.D., Chief Resilience and Sustainability Officer

Department Director: Chris Miranda | Public Works Department

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, ACCEPTING A BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM GRANT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR THE KEY BISCAYNE BEACH NOURISHMENT PROJECT IN THE AMOUNT OF $91,460 AND APPROVING AN AGREEMENT RELATED TO THE SAME; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Village of Key Biscayne (the "Village") desires to implement an emergency beach renourishment project to address the impacts of Hurricanes Ian and Nicole (the "Project"); and

WHEREAS, the Florida Department of Environmental Protection ("FDEP") awarded the Village a $91,460 grant for post-construction monitoring of the Project under the Beach Management Funding Assistance Program (the "Grant"); and

WHEREAS, the Village will be responsible for at least $108,540 (54.27%) of the costs for the Project; and

WHEREAS, the Village desires to accept the Grant and enter an Agreement with FDEP, in substantially the form attached hereto as Exhibit "A" (the "Agreement"); and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **Acceptance and Approval.** That the Village Council hereby accepts the Grant in the amount of $91,460 and approves the Agreement with FDEP in substantially the form attached hereto as Exhibit "A."

Section 3. **Authorization.** That the Village Council hereby authorizes the Village Manager to execute the Agreement with FDEP, in substantially the form attached hereto as Exhibit "A," and any subsequent amendments or related documents necessary to implement the Agreement, subject to the Village Attorney's approval as to form, content, and legal sufficiency.

Section 4. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH, CMC
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Standard Grant Agreement

This Agreement is entered into between the Parties named below, pursuant to section 215.971, Florida Statutes:

1. Project Title (Project): Key Biscayne Beach Nourishment Project
Agreement Number: 26DA2

2. Parties
State of Florida Department of Environmental Protection,
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000
(Department)

Grantee Name: Village of Key Biscayne
Entity Type: Local Government
Grantee Address: 88 West McIntyre Street, Suite 210, Key Biscayne, Florida 33149
FEID: 65-0291811
(Grantee)

3. Agreement Begin Date: 6/1/2024
Date of Expiration: 12/31/2028

4. Project Number: *(If different from Agreement Number)*
Project Location(s): Miami-Dade County
Project Description: The project consists of monitoring.

5. Total Amount of Funding: $91,460.00

Funding Source?	Award #s or Line-Item Appropriations:	Amount per Source(s):
■ State ☐Federal	FY 25-26 GAA Line Item #1661	$91,460.00
☐ State ☐Federal		$
☐ State ☐Federal		$
☐ Grantee Match		$
	Total Amount of Funding + Grantee Match, if any:	$ 91,460.00

6. Department's Grant Manager
Name: Devon Witczak or successor
Address: Beach Management Funding Assistance
2600 Blair Stone Road, MS #3601
Tallahassee, Florida 32399
Phone: 850-245-7693
Email: Devon.Witczak@FloridaDEP.gov

Grantee's Grant Manager
Name: Roland Samimy or successor
Address: Village of Key Biscayne
88 West McIntyre Street, Suite 210
Key Biscayne, FL 33149
Phone: 305-365-8908
Email: rsamimy@keybiscayne.fl.gov

7. The Parties agree to comply with the terms and conditions of the following attachments and exhibits which are hereby incorporated by reference:

■ Attachment 1: Standard Terms and Conditions Applicable to All Grants Agreements
■ Attachment 2: Special Terms and Conditions
■ Attachment 3: Grant Work Plan
■ Attachment 4: Public Records Requirements
■ Attachment 5: Special Audit Requirements
☐ Attachment 6: Program-Specific Requirements
☐ Attachment 7: Grant Award Terms (Federal) *Copy available at https://facts.fldfs.com, in accordance with section 215.985, F.S.
☐ Attachment 8: Federal Regulations and Terms (Federal)
☐ Additional Attachments (if necessary):
■ Exhibit A: Progress Report Form
☐ Exhibit B: Property Reporting Form
■ Exhibit C: Payment Request Summary Form
☐ Exhibit D: Quality Assurance Requirements
☐ Exhibit E: Advance Payment Terms and Interest Earned Memo
☐ Exhibit F: Common Carrier or Contracted Carrier Attestation Form PUR1808 (State)

☐ Exhibit H: Non-Profit Organization Compensation Form (State)	
☐ Exhibit I: Forced Labor Attestation Form	
☐ Additional Exhibits (if necessary):	
8. The following information applies to Federal Grants only and is identified in accordance with 2 CFR 200.331 (a) (1):	
Federal Award Identification Number(s) (FAIN):	
Unique Entity Identifier (UEI):	
Federal Award Date to Department:	
Federal Award Project Description:	
Total Federal Funds Obligated by this Agreement:	
Federal Awarding Agency:	
Award R&D?	☐ Yes ☐N/A

IN WITNESS WHEREOF, this Agreement shall be effective on the date indicated by the Agreement Begin Date unless another date is specified in the grant documents.

Village of Key Biscayne **GRANTEE**

Grantee Name

By _____ _____

(*Authorized Signature)* Date Signed

Print Name and Title of Person Signing

State of Florida Department of Environmental Protection **DEPARTMENT**

By _____ _____

Secretary or Designee Date Signed

Print Name and Title of Person Signing

☑ Additional signatures attached on separate page.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STANDARD TERMS AND CONDITIONS
APPLICABLE TO GRANT AGREEMENTS

ATTACHMENT 1

1. Entire Agreement.

This Grant Agreement, including any Attachments and Exhibits referred to herein and/or attached hereto (Agreement), constitutes the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior agreements, whether written or oral, with respect to such subject matter. Any terms and conditions included on Grantee's forms or invoices shall be null and void.

2. Grant Administration.

a. Order of Precedence. If there are conflicting provisions among the documents that make up the Agreement, the order of precedence for interpretation of the Agreement is as follows:
   i. Standard Grant Agreement
   ii. Attachments other than Attachment 1, in numerical order as designated in the Standard Grant Agreement
   iii. Attachment 1, Standard Terms and Conditions
   iv. The Exhibits in the order designated in the Standard Grant Agreement

b. All approvals, written or verbal, and other written communication among the parties, including all notices, shall be obtained by or sent to the parties' Grant Managers. All written communication shall be by electronic mail, U.S. Mail, a courier delivery service, or delivered in person. Notices shall be considered delivered when reflected by an electronic mail read receipt, a courier service delivery receipt, other mail service delivery receipt, or when receipt is acknowledged by recipient. If the notice is delivered in multiple ways, the notice will be considered delivered at the earliest delivery time.

c. If a different Grant Manager is designated by either party after execution of this Agreement, notice of the name and contact information of the new Grant Manager will be submitted in writing to the other party and maintained in the respective parties' records. A change of Grant Manager does not require a formal amendment or change order to the Agreement.

d. This Agreement may be amended, through a formal amendment or a change order, only by a written agreement between both parties. A formal amendment to this Agreement is required for changes which cause any of the following:
   (1) an increase or decrease in the Agreement funding amount;
   (2) a change in Grantee's match requirements;
   (3) a change in the expiration date of the Agreement;
   (4) changes to the cumulative amount of funding transfers between approved budget categories, as defined in Attachment 3, Grant Work Plan, that exceeds or is expected to exceed twenty percent (20%) of the total budget as last approved by Department; and/or
   (5) any changes to the terms and conditions of the Agreement other than the specific instances enumerated below when a change order may be used.
   A change order to this Agreement may be used when:
   (1) task timelines within the current authorized Agreement period change;
   (2) the cumulative transfer of funds between approved budget categories, as defined in Attachment 3, Grant Work Plan, are less than twenty percent (20%) of the total budget as last approved by Department;
   (3) changing the current funding source as stated in the Standard Grant Agreement; and/or
   (4) fund transfers between budget categories for the purposes of meeting match requirements.
   This Agreement may be amended to provide for additional services if additional funding is made available by the Legislature.

e. All days in this Agreement are calendar days unless otherwise specified.

3. Agreement Duration.

The term of the Agreement shall begin and end on the dates indicated in the Standard Grant Agreement, unless extended or terminated earlier in accordance with the applicable terms and conditions. The Grantee shall be eligible for reimbursement for work performed on or after the date of execution through the expiration date of this Agreement, unless otherwise specified in Attachment 2, Special Terms and Conditions. However, work performed prior to the

execution of this Agreement may be reimbursable or used for match purposes if permitted by the Special Terms and Conditions.

4. Deliverables.

The Grantee agrees to render the services or other units of deliverables as set forth in Attachment 3, Grant Work Plan. The services or other units of deliverables shall be delivered in accordance with the schedule and at the pricing outlined in the Grant Work Plan. Deliverables may be comprised of activities that must be completed prior to Department making payment on that deliverable. The Grantee agrees to perform in accordance with the terms and conditions set forth in this Agreement and all attachments and exhibits incorporated by the Standard Grant Agreement.

5. Performance Measures.

The Grantee warrants that: (1) the services will be performed by qualified personnel; (2) the services will be of the kind and quality described in the Grant Work Plan; (3) the services will be performed in a professional and workmanlike manner in accordance with industry standards and practices; (4) the services shall not and do not knowingly infringe upon the intellectual property rights, or any other proprietary rights, of any third party; and (5) its employees, subcontractors, and/or subrecipients shall comply with any security and safety requirements and processes, if provided by Department, for work done at the Project Location(s). The Department reserves the right to investigate or inspect at any time to determine whether the services or qualifications offered by Grantee meet the Agreement requirements. Notwithstanding any provisions herein to the contrary, written acceptance of a particular deliverable does not foreclose Department's remedies in the event deficiencies in the deliverable cannot be readily measured at the time of delivery.

6. Acceptance of Deliverables.

a. Acceptance Process. All deliverables must be received and accepted in writing by Department's Grant Manager before payment. The Grantee shall work diligently to correct all deficiencies in the deliverable that remain outstanding, within a reasonable time at Grantee's expense. If Department's Grant Manager does not accept the deliverables within 30 days of receipt, they will be deemed rejected.

b. Rejection of Deliverables. The Department reserves the right to reject deliverables, as outlined in the Grant Work Plan, as incomplete, inadequate, or unacceptable due, in whole or in part, to Grantee's lack of satisfactory performance under the terms of this Agreement. The Grantee's efforts to correct the rejected deliverables will be at Grantee's sole expense. Failure to fulfill the applicable technical requirements or complete all tasks or activities in accordance with the Grant Work Plan will result in rejection of the deliverable and the associated invoice. Payment for the rejected deliverable will not be issued unless the rejected deliverable is made acceptable to Department in accordance with the Agreement requirements. The Department, at its option, may allow additional time within which Grantee may remedy the objections noted by Department. The Grantee's failure to make adequate or acceptable deliverables after a reasonable opportunity to do so shall constitute an event of default.

7. Financial Consequences for Nonperformance.

a. Withholding Payment. In addition to the specific consequences explained in the Grant Work Plan and/or Special Terms and Conditions, the State of Florida (State) reserves the right to withhold payment when the Grantee has failed to perform/comply with provisions of this Agreement. None of the financial consequences for nonperformance in this Agreement as more fully described in the Grant Work Plan shall be considered penalties.

b. Invoice reduction
If Grantee does not meet a deadline for any deliverable, the Department will reduce the invoice by 1% for each day the deadline is missed, unless an extension is approved in writing by the Department.

c. Corrective Action Plan. If Grantee fails to correct all the deficiencies in a rejected deliverable within the specified timeframe, Department may, in its sole discretion, request that a proposed Corrective Action Plan (CAP) be submitted by Grantee to Department. The Department requests that Grantee specify the outstanding deficiencies in the CAP. All CAPs must be able to be implemented and performed in no more than sixty (60) calendar days.
    i. The Grantee shall submit a CAP within ten (10) days of the date of the written request from Department. The CAP shall be sent to the Department's Grant Manager for review and approval. Within ten (10) days of receipt of a CAP, Department shall notify Grantee in writing whether the CAP proposed has been accepted. If the CAP is not accepted, Grantee shall have ten (10) days from receipt of Department letter rejecting the proposal to submit a revised proposed CAP. Failure to obtain Department approval of a CAP as specified above may result in Department's termination of this Agreement for cause as authorized in this Agreement.

ii. Upon Department's notice of acceptance of a proposed CAP, Grantee shall have ten (10) days to commence implementation of the accepted plan. Acceptance of the proposed CAP by Department does not relieve Grantee of any of its obligations under the Agreement. In the event the CAP fails to correct or eliminate performance deficiencies by Grantee, Department shall retain the right to require additional or further remedial steps, or to terminate this Agreement for failure to perform. No actions approved by Department or steps taken by Grantee shall preclude Department from subsequently asserting any deficiencies in performance. The Grantee shall continue to implement the CAP until all deficiencies are corrected. Reports on the progress of the CAP will be made to Department as requested by Department's Grant Manager.

iii. Failure to respond to a Department request for a CAP or failure to correct a deficiency in the performance of the Agreement as specified by Department may result in termination of the Agreement.

8. Payment.

a. Payment Process. Subject to the terms and conditions established by the Agreement, the pricing per deliverable established by the Grant Work Plan, and the billing procedures established by Department, Department agrees to pay Grantee for services rendered in accordance with section 215.422, Florida Statutes (F.S.).

b. Taxes. The Department is exempted from payment of State sales, use taxes and Federal excise taxes. The Grantee, however, shall not be exempted from paying any taxes that it is subject to, including State sales and use taxes, or for payment by Grantee to suppliers for taxes on materials used to fulfill its contractual obligations with Department. The Grantee shall not use Department's exemption number in securing such materials. The Grantee shall be responsible and liable for the payment of all its FICA/Social Security and other taxes resulting from this Agreement.

c. Maximum Amount of Agreement. The maximum amount of compensation under this Agreement, without an amendment, is described in the Standard Grant Agreement. Any additional funds necessary for the completion of this Project are the responsibility of Grantee.

d. Reimbursement for Costs. The Grantee shall be paid on a cost reimbursement basis for all eligible Project costs upon the completion, submittal, and approval of each deliverable identified in the Grant Work Plan. Reimbursement shall be requested on Exhibit C, Payment Request Summary Form. To be eligible for reimbursement, costs must be in compliance with laws, rules, and regulations applicable to expenditures of State funds, including, but not limited to, the Reference Guide for State Expenditures, which can be accessed at the following web address: https://www.myfloridacfo.com/docs-sf/accounting-and-auditing-libraries/state-agencies/reference-guide-for-state-expenditures.pdf.

e. Rural Communities and Rural Areas of Opportunity. If Grantee is a county or municipality that qualifies as a "rural community" or "rural area of opportunity" (RAO) as defined in subsection 288.0656(2), F.S., such Grantee may request from the Department that all invoice payments under this Agreement be directed to the relevant county or municipality or to the RAO itself. The Department will agree to Grantee's request if:

i. Grantee demonstrates that it is a county or municipality that qualifies as a "rural community" or "rural area of opportunity" under subsection 288.0656(2), F.S.;

ii. Grantee demonstrates current financial hardship using one (1) or more of the "economic distress" factors defined in subsection 288.0656(2)(c), F.S.;

iii. Grantee's performance has been verified by the Department, which has determined that Grantee is eligible for invoice payments and that Grantee's performance has been completed in accordance with this Agreement's terms and conditions; and

iv. Applicable federal and state law(s), rule(s) and regulation(s) allow for such payments.

This subsection may not be construed to alter or limit any other applicable provisions of federal or state law, rule, or regulation. A current list of Florida's designated RAOs can be accessed at the following web address: https://floridajobs.org/community-planning-and-development/rural-community-programs/rural-areas-of-opportunity.

f. Invoice Detail. All charges for services rendered or for reimbursement of expenses authorized by Department pursuant to the Grant Work Plan shall be submitted to Department in sufficient detail for a proper pre-audit and post-audit to be performed. The Grantee shall only invoice Department for deliverables that are completed in accordance with the Grant Work Plan.

g. State Funds Documentation. Pursuant to section 216.1366, F.S., if Grantee meets the definition of a non-profit organization under section 215.97(2)(m), F.S., Grantee must provide the Department with documentation that indicates the amount of state funds:

i. Allocated to be used during the full term of the contract or agreement for remuneration to any member of the board of directors or an officer.
ii. Allocated under each payment by the public agency to be used for remuneration of any member of the board of directors or an officer.

The documentation must indicate the amounts and recipients of the remuneration. Such information must be posted on the State's the contract tracking system and maintained pursuant to section 215.985, F.S., and must be posted on the Grantee's website, if Grantee maintains a website.

h. Interim Payments. Interim payments may be made by Department, at its discretion, if the completion of deliverables to date have first been accepted in writing by Department's Grant Manager.

i. Final Payment Request. A final payment request should be submitted to Department no later than sixty (60) days following the expiration date of the Agreement to ensure the availability of funds for payment. However, all work performed pursuant to the Grant Work Plan must be performed on or before the expiration date of the Agreement.

j. Annual Appropriation Contingency. The State's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature. This Agreement is not a commitment of future appropriations. Authorization for continuation and completion of work and any associated payments may be rescinded, with proper notice, at the discretion of Department if the Legislature reduces or eliminates appropriations.

k. Interest Rates. All interest rates charged under the Agreement shall be calculated on the prevailing rate used by the State Board of Administration. To obtain the applicable interest rate, please refer to: https://www.myfloridacfo.com/division/aa/local-governments/judgement-interest-rates.

l. Refund of Payments to the Department. Any balance of unobligated funds that have been advanced or paid must be refunded to Department. Any funds paid in excess of the amount to which Grantee or subgrantee is entitled under the terms of the Agreement must be refunded to Department. If this Agreement is funded with federal funds and the Department is required to refund the federal government, the Grantee shall refund the Department its share of those funds.

9. Documentation Required for Cost Reimbursement Grant Agreements and Match.

If Cost Reimbursement or Match is authorized in Attachment 2, Special Terms and Conditions, the following conditions apply. Supporting documentation must be provided to substantiate cost reimbursement or match requirements for the following budget categories:

a. Salary/Wages. Grantee shall list personnel involved, position classification, direct salary rates, and hours spent on the Project in accordance with Attachment 3, Grant Work Plan in their documentation for reimbursement or match requirements.

b. Overhead/Indirect/General and Administrative Costs. If Grantee is being reimbursed for or claiming match for multipliers, all multipliers used (i.e., fringe benefits, overhead, indirect, and/or general and administrative rates) shall be supported by audit. If Department determines that multipliers charged by Grantee exceeded the rates supported by audit, Grantee shall be required to reimburse such funds to Department within thirty (30) days of written notification. Interest shall be charged on the excessive rate.

c. Contractual/Subaward Costs (Subcontractors/Subrecipients). Match or reimbursement requests for payments to subcontractors/subrecipients must be substantiated by copies of invoices with backup documentation identical to that required from Grantee. Subcontracts/subawards which involve payments for direct salaries shall clearly identify the personnel involved, salary rate per hour, and hours spent on the Project. All eligible multipliers used (i.e., fringe benefits, overhead, indirect, and/or general and administrative rates) shall be supported by audit. If Department determines that multipliers charged by any subcontractor/subrecipient exceeded the rates supported by audit, Grantee shall be required to reimburse such funds to Department within thirty (30) days of written notification. Interest shall be charged on the excessive rate. Nonconsumable and/or nonexpendable personal property or equipment costing $5,000 or more purchased for the Project under a subcontract/subaward is subject to the requirements set forth in chapters 273 and/or 274, F.S., and Chapter 69I-72, Florida Administrative Code (F.A.C.) and/or Chapter 69I-73, F.A.C., as applicable. For grants funded with federal funds, nonconsumable and/or nonexpendable personal property or equipment costing $10,000 or more purchased for the Project under a subcontract/subaward is subject to the requirements set forth in 2 CFR 200. The Grantee shall be responsible for maintaining appropriate property records for any subcontracts/subawards that include the purchase of equipment as part of the delivery of services. The Grantee shall comply with this requirement and ensure its subcontracts/subaward issued under this Agreement, if any, impose this requirement, in writing, on its subcontractors/subrecipients.

i. For fixed-price (vendor) subcontracts/subawards, the following provisions shall apply: The Grantee may award, on a competitive basis, fixed-price subcontracts/subawards to consultants/contractors in performing the work described in Attachment 3, Grant Work Plan. Invoices submitted to Department for fixed-price subcontracted/subawarded activities shall be supported with a copy of the subcontractor/subrecipient's invoice and a copy of the tabulation form for the competitive procurement process (e.g., Invitation to Bid, Request for Proposals, or other similar competitive procurement document) resulting in the fixed-price subcontract/subaward. The Grantee may request approval from Department to award a fixed-price subcontract/subaward resulting from procurement methods other than those identified above. In this instance, Grantee shall request the advance written approval from Department's Grant Manager of the fixed price negotiated by Grantee. The letter of request shall be supported by a detailed budget and Scope of Services to be performed by the subcontractor/subrecipient. Upon receipt of Department Grant Manager's approval of the fixed-price amount, Grantee may proceed in finalizing the fixed-price subcontract/subaward.

ii. If the procurement is subject to the Consultant's Competitive Negotiation Act under section 287.055, F.S., or the Brooks Act, Grantee must provide documentation clearly evidencing it has complied with the statutory or federal requirements.

d. Travel. All requests for match or reimbursement of travel expenses shall be in accordance with section 112.061, F.S.

e. Direct Purchase Equipment. For grants funded fully or in part with state funds, equipment is defined as capital outlay costing $5,000 or more. For grants funded fully with federal funds, equipment is defined as capital outlay costing $10,000 or more. Match or reimbursement for Grantee's direct purchase of equipment is subject to specific approval of Department and does not include any equipment purchased under the delivery of services to be completed by a subcontractor/subrecipient. Include copies of invoices or receipts to document purchases, and a properly completed Exhibit B, Property Reporting Form**.**

f. Rental/Lease of Equipment. Match or reimbursement requests for rental/lease of equipment must include copies of invoices or receipts to document charges.

g. Miscellaneous/Other Expenses. If miscellaneous or other expenses, such as materials, supplies, non-excluded phone expenses, reproduction, or mailing, are reimbursable or available for match or reimbursement under the terms of this Agreement, the documentation supporting these expenses must be itemized and include copies of receipts or invoices. Additionally, independent of Grantee's contract obligations to its subcontractor/subrecipient, Department shall not reimburse any of the following types of charges: cell phone usage; attorney's fees or court costs; civil or administrative penalties; or handling fees, such as set percent overages associated with purchasing supplies or equipment.

h. Land Acquisition. Reimbursement for the costs associated with acquiring interest and/or rights to real property (including access rights through ingress/egress easements, leases, license agreements, or other site access agreements; and/or obtaining record title ownership of real property through purchase) must be supported by the following, as applicable: Copies of Property Appraisals, Environmental Site Assessments, Surveys and Legal Descriptions, Boundary Maps, Acreage Certification, Title Search Reports, Title Insurance, Closing Statements/Documents, Deeds, Leases, Easements, License Agreements, or other legal instrument documenting acquired property interest and/or rights. If land acquisition costs are used to meet match requirements, Grantee agrees that those funds shall not be used as match for any other Agreement supported by State or Federal funds.

10. Status Reports.

The Grantee shall submit status reports quarterly, unless otherwise specified in the Attachments, on Exhibit A, Progress Report Form**,** to Department's Grant Manager describing the work performed during the reporting period, problems encountered, problem resolutions, scheduled updates, and proposed work for the next reporting period. Quarterly status reports are due no later than twenty (20) days following the completion of the quarterly reporting period. For the purposes of this reporting requirement, the quarterly reporting periods end on March 31, June 30, September 30 and December 31. The Department will review the required reports submitted by Grantee within thirty (30) days.

11. Retainage.

The following provisions apply if Department withholds retainage under this Agreement:

a. The Department reserves the right to establish the amount and application of retainage on the work performed under this Agreement up to the maximum percentage described in Attachment 2, Special Terms and Conditions. Retainage may be withheld from each payment to Grantee pending satisfactory completion of work and approval of all deliverables.

b. If Grantee fails to perform the requested work or fails to perform the work in a satisfactory manner, Grantee shall forfeit its right to payment of the retainage associated with the work. Failure to perform includes, but is not limited to, failure to submit the required deliverables or failure to provide adequate documentation that the work was actually performed. The Department shall provide written notification to Grantee of the failure to perform that shall result in retainage forfeiture. If the Grantee does not correct the failure to perform within the timeframe stated in Department's notice, the retainage will be forfeited to Department.
c. No retainage shall be released or paid for incomplete work while this Agreement is suspended.
d. Except as otherwise provided above, Grantee shall be paid the retainage associated with the work, provided Grantee has completed the work and submits an invoice for retainage held in accordance with the invoicing procedures under this Agreement.

12. Insurance.

a. Insurance Requirements for Subrecipients and/or Subcontractors. The Grantee shall require its subrecipients and/or subcontractors, if any, to maintain insurance coverage of such types and with such terms and limits as described in this Agreement. The Grantee shall require all its subrecipients and/or subcontractors, if any, to make compliance with the insurance requirements of this Agreement a condition of all contracts that are related to this Agreement. Subrecipients and/or subcontractors must provide proof of insurance upon request.
b. Deductibles. The Department shall be exempt from, and in no way liable for, any sums of money representing a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Grantee providing such insurance.
c. Proof of Insurance. Upon execution of this Agreement, Grantee shall provide Department documentation demonstrating the existence and amount for each type of applicable insurance coverage ***prior to*** performance of any work under this Agreement. Upon receipt of written request from Department, Grantee shall furnish Department with proof of applicable insurance coverage by standard form certificates of insurance, a self-insured authorization, or other certification of self-insurance.
d. Duty to Maintain Coverage. In the event that any applicable coverage is cancelled by the insurer for any reason, or if Grantee cannot get adequate coverage, Grantee shall immediately notify Department of such cancellation and shall obtain adequate replacement coverage conforming to the requirements herein and provide proof of such replacement coverage within ten (10) days after the cancellation of coverage.
e. Insurance Trust. If the Grantee's insurance is provided through an insurance trust, the Grantee shall instead add the Department of Environmental Protection, its employees, and officers as an additional covered party everywhere the Agreement requires them to be added as an additional insured.

13. Termination.

a. Termination for Convenience. When it is in the State's best interest, Department may, at its sole discretion, terminate the Agreement in whole or in part by giving 30 days' written notice to Grantee. The Department shall notify Grantee of the termination for convenience with instructions as to the effective date of termination or the specific stage of work at which the Agreement is to be terminated. The Grantee must submit all invoices for work to be paid under this Agreement within thirty (30) days of the effective date of termination. The Department shall not pay any invoices received after thirty (30) days of the effective date of termination.
b. Termination for Cause. The Department may terminate this Agreement if any of the events of default described in the Events of Default provisions below occur or in the event that Grantee fails to fulfill any of its other obligations under this Agreement. If, after termination, it is determined that Grantee was not in default, or that the default was excusable, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of Department. The rights and remedies of Department in this clause are in addition to any other rights and remedies provided by law or under this Agreement.
c. Grantee Obligations upon Notice of Termination. After receipt of a notice of termination or partial termination unless as otherwise directed by Department, Grantee shall not furnish any service or deliverable on the date, and to the extent specified, in the notice. However, Grantee shall continue work on any portion of the Agreement not terminated. If the Agreement is terminated before performance is completed, Grantee shall be paid only for that work satisfactorily performed for which costs can be substantiated. The Grantee shall not be entitled to recover any cancellation charges or lost profits.
d. Continuation of Prepaid Services. If Department has paid for any services prior to the expiration, cancellation, or termination of the Agreement, Grantee shall continue to provide Department with those services for which it has already been paid or, at Department's discretion, Grantee shall provide a refund for services that have been paid for but not rendered.

e. Transition of Services Upon Termination, Expiration, or Cancellation of the Agreement. If services provided under the Agreement are being transitioned to another provider(s), Grantee shall assist in the smooth transition of Agreement services to the subsequent provider(s). This requirement is at a minimum an affirmative obligation to cooperate with the new provider(s), however additional requirements may be outlined in the Grant Work Plan. The Grantee shall not perform any services after Agreement expiration or termination, except as necessary to complete the transition or continued portion of the Agreement, if any.

14. Notice of Default.

If Grantee defaults in the performance of any covenant or obligation contained in the Agreement, including, any of the events of default, Department shall provide notice to Grantee and an opportunity to cure that is reasonable under the circumstances. This notice shall state the nature of the failure to perform and provide a time certain for correcting the failure. The notice will also provide that, should the Grantee fail to perform within the time provided, Grantee will be found in default, and Department may terminate the Agreement effective as of the date of receipt of the default notice.

15. Events of Default.

Provided such failure is not the fault of Department or outside the reasonable control of Grantee, the following non-exclusive list of events, acts, or omissions, shall constitute events of default:

a. The commitment of any material breach of this Agreement by Grantee, including failure to timely deliver a material deliverable, failure to perform the minimal level of services required for a deliverable, discontinuance of the performance of the work, failure to resume work that has been discontinued within a reasonable time after notice to do so, or abandonment of the Agreement;
b. The commitment of any material misrepresentation or omission in any materials, or discovery by the Department of such, made by the Grantee in this Agreement or in its application for funding;
c. Failure to submit any of the reports required by this Agreement or having submitted any report with incorrect, incomplete, or insufficient information;
d. Failure to honor any term of the Agreement;
e. Failure to abide by any statutory, regulatory, or licensing requirement, including an entry of an order revoking the certificate of authority granted to the Grantee by a state or other licensing authority;
f. Failure to pay any and all entities, individuals, and furnishing labor or materials, or failure to make payment to any other entities as required by this Agreement;
g. Employment of an unauthorized alien in the performance of the work, in violation of Section 274 (A) of the Immigration and Nationality Act;
h. Failure to maintain the insurance required by this Agreement;
i. One or more of the following circumstances, uncorrected for more than thirty (30) days unless, within the specified 30-day period, Grantee (including its receiver or trustee in bankruptcy) provides to Department adequate assurances, reasonably acceptable to Department, of its continuing ability and willingness to fulfill its obligations under the Agreement:
    i. Entry of an order for relief under Title 11 of the United States Code;
    ii. The making by Grantee of a general assignment for the benefit of creditors;
    iii. The appointment of a general receiver or trustee in bankruptcy of Grantee's business or property; and/or
    iv. An action by Grantee under any state insolvency or similar law for the purpose of its bankruptcy, reorganization, or liquidation.

16. Suspension of Work.

The Department may, in its sole discretion, suspend any or all activities under the Agreement, at any time, when it is in the best interest of the State to do so. The Department shall provide Grantee written notice outlining the particulars of suspension. Examples of reasons for suspension include, but are not limited to, budgetary constraints, declaration of emergency, or other such circumstances. After receiving a suspension notice, Grantee shall comply with the notice. Within 90 days, or any longer period agreed to by the parties, Department shall either: (1) issue a notice authorizing resumption of work, at which time activity shall resume; or (2) terminate the Agreement. If the Agreement is terminated after 30 days of suspension, the notice of suspension shall be deemed to satisfy the thirty (30) days' notice required for a notice of termination for convenience. Suspension of work shall not entitle Grantee to any additional compensation.

17. Force Majeure.

The Grantee shall not be responsible for delay resulting from its failure to perform if neither the fault nor the negligence of Grantee or its employees or agents contributed to the delay and the delay is due directly to acts of God, wars, acts

of public enemies, strikes, fires, floods, or other similar cause wholly beyond Grantee's control, or for any of the foregoing that affect subcontractors/subrecipients or suppliers if no alternate source of supply is available to Grantee. In case of any delay Grantee believes is excusable, Grantee shall notify Department in writing of the delay or potential delay and describe the cause of the delay either (1) within ten days after the cause that creates or will create the delay first arose, if Grantee could reasonably foresee that a delay could occur as a result; or (2) if delay is not reasonably foreseeable, within five days after the date Grantee first had reason to believe that a delay could result. **THE FOREGOING SHALL CONSTITUTE THE GRANTEE'S SOLE REMEDY OR EXCUSE WITH RESPECT TO DELAY**. Providing notice in strict accordance with this paragraph is a condition precedent to such remedy. No claim for damages, other than for an extension of time, shall be asserted against Department. The Grantee shall not be entitled to an increase in the Agreement price or payment of any kind from Department for direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency, arising because of delay, disruption, interference, or hindrance from any cause whatsoever. If performance is suspended or delayed, in whole or in part, due to any of the causes described in this paragraph, after the causes have ceased to exist Grantee shall perform at no increased cost, unless Department determines, in its sole discretion, that the delay will significantly impair the value of the Agreement to Department, in which case Department may: (1) accept allocated performance or deliveries from Grantee, provided that Grantee grants preferential treatment to Department with respect to products subjected to allocation; (2) contract with other sources (without recourse to and by Grantee for the related costs and expenses) to replace all or part of the products or services that are the subject of the delay, which purchase may be deducted from the Agreement quantity; or (3) terminate Agreement in whole or in part.

18. Indemnification.

a. The Grantee shall be fully liable for the actions of its agents, employees, partners, and subcontractors/subrecipients and shall fully indemnify, defend, and hold harmless Department and its officers, agents, and employees, from suits, actions, damages, and costs of every name and description arising from or relating to:
    i. personal injury and damage to real or personal tangible property alleged to be caused in whole or in part by Grantee, its agents, employees, partners, and subcontractors/subrecipients; provided, however, that Grantee shall not indemnify for that portion of any loss or damages proximately caused by the negligent act or omission of Department;
    ii. the Grantee's breach of this Agreement or the negligent acts or omissions of Grantee.

b. The Grantee's obligations under the preceding paragraph with respect to any legal action are contingent upon Department giving Grantee: (1) written notice of any action or threatened action; (2) the opportunity to take over and settle or defend any such action at Grantee's sole expense; and (3) assistance in defending the action at Grantee's sole expense. The Grantee shall not be liable for any cost, expense, or compromise incurred or made by Department in any legal action without Grantee's prior written consent, which shall not be unreasonably withheld.

c. Notwithstanding sections a. and b. above, the following is the sole indemnification provision that applies to Grantees that are governmental entities: Each party hereto agrees that it shall be solely responsible for the negligent or wrongful acts of its employees and agents. However, nothing contained herein shall constitute a waiver by either party of its sovereign immunity or the provisions of section 768.28, F.S. Further, nothing herein shall be construed as consent by a state agency or subdivision of the State to be sued by third parties in any matter arising out of any contract or this Agreement.

d. No provision in this Agreement shall require Department to hold harmless or indemnify Grantee, insure or assume liability for Grantee's negligence, waive Department's sovereign immunity under the laws of Florida, or otherwise impose liability on Department for which it would not otherwise be responsible. Any provision, implication or suggestion to the contrary is null and void.

19. Limitation of Liability.

The Department's liability for any claim arising from this Agreement is limited to compensatory damages in an amount no greater than the sum of the unpaid balance of compensation due for goods or services rendered pursuant to and in compliance with the terms of the Agreement. Such liability is further limited to a cap of $100,000.

20. Remedies.

Nothing in this Agreement shall be construed to make Grantee liable for force majeure events. Nothing in this Agreement, including financial consequences for nonperformance, shall limit Department's right to pursue its remedies for other types of damages under the Agreement, at law or in equity. The Department may, in addition to

other remedies available to it, at law or in equity and upon notice to Grantee, retain such monies from amounts due Grantee as may be necessary to satisfy any claim for damages, penalties, costs and the like asserted by or against it.

21. Waiver.

The delay or failure by Department to exercise or enforce any of its rights under this Agreement shall not constitute or be deemed a waiver of Department's right thereafter to enforce those rights, nor shall any single or partial exercise of any such right preclude any other or further exercise thereof or the exercise of any other right.

22. Statutory Notices Relating to Unauthorized Employment and Subcontracts/Subawards.

a. The Department shall consider the employment by any Grantee of unauthorized aliens a violation of Section 274A(e) of the Immigration and Nationality Act. If Grantee/subcontractor/subrecipient knowingly employs unauthorized aliens, such violation shall be cause for unilateral cancellation of this Agreement. The Grantee shall be responsible for including this provision in all subcontracts/subawards with private organizations issued as a result of this Agreement.

b. Pursuant to sections 287.133, 287.134, and 287.137 F.S., the following restrictions apply to persons placed on the convicted vendor list, discriminatory vendor list, or the antitrust violator vendor list:

   i. Public Entity Crime. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a Grantee, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in section 287.017, F.S., for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

   ii. Discriminatory Vendors. An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.

   iii. Antitrust Violator Vendors. A person or an affiliate who has been placed on the antitrust violator vendor list following a conviction or being held civilly liable for an antitrust violation may not submit a bid, proposal, or reply on any contract to provide any good or services to a public entity; may not submit a bid, proposal, or reply on any contract with a public entity for the construction or repair of a public building or public work; may not submit a bid, proposal, or reply on leases of real property to a public entity; may not be awarded or perform work as a Grantee, supplier, subcontractor, or consultant under a contract with a public entity; and may not transact new business with a public entity.

   iv. Notification. The Grantee shall notify Department if it or any of its suppliers, subcontractors, or consultants have been placed on the convicted vendor list, the discriminatory vendor list, or antitrust violator vendor list during the life of the Agreement. The Florida Department of Management Services is responsible for maintaining the discriminatory vendor list and the antitrust violator vendor list and posts the list on its website. Questions regarding the discriminatory vendor list or antitrust violator vendor list may be directed to the Florida Department of Management Services, Office of Supplier Development, at (850) 487-0915.

23. Compliance with Federal, State and Local Laws.

a. The Grantee and all its agents shall comply with all federal, state and local regulations, including, but not limited to, nondiscrimination, wages, social security, workers' compensation, licenses, and registration requirements. The Grantee shall include this provision in all subcontracts/subawards issued as a result of this Agreement.

b. The Grantee, its subrecipients, subcontractors and agents must also comply with the following civil rights laws and regulations:

   i. Title VI of the Civil Rights Act of 1964 as amended (prohibiting discrimination in federally assisted programs on the basis of race, color, or national origin in the delivery of services or benefits);

ii. Section 13 of the 1972 Amendment to the Federal Water Pollution Control Act (prohibiting discrimination on the basis of sex in the delivery of services or benefits under the Federal Water Pollution Control Act as amended);
iii. Section 504 of the Rehabilitation Act of 1973 (prohibiting discrimination in federally assisted programs on the basis of disability, both in employment and in the delivery of services and benefits);
iv. Age Discrimination Act of 1975 (prohibiting discrimination in federally assisted programs on the basis of age in the delivery of services or benefits);
v. 40 C.F.R. Part 7, (implementing Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of the Rehabilitation Act of 1973);
vi. Florida Civil Rights Act of 1992 (Title XLIV Chapter 760, Sections 760.01, 760.11 and 509.092, F.S.), including Part I, chapter 760, F.S. (prohibiting discrimination on the basis of race, color, religion, sex, pregnancy, national origin, age, handicap, or marital status).

c. This Agreement shall be governed by and construed in accordance with the laws of the State of Florida.
d. Any dispute concerning performance of the Agreement shall be processed as described herein. Jurisdiction for any damages arising under the terms of the Agreement will be in the courts of the State, and venue will be in the Second Judicial Circuit, in and for Leon County. Except as otherwise provided by law, the parties agree to be responsible for their own attorney fees incurred in connection with disputes arising under the terms of this Agreement.

24. Build America, Buy America Act (BABA) - Infrastructure Projects with Federal Funding.
This provision does not apply to Agreements that are wholly funded by Coronavirus State and Local Fiscal Recovery Funds under the American Rescue Plan Act. Also, this provision does not apply where there is a valid waiver in place. However, the provision may apply to funds expended before the waiver or after expiration of the waiver.

If applicable, Recipients or Subrecipients of an award of Federal financial assistance from a program for infrastructure are required to comply with the Build America, Buy America Act (BABA), including the following provisions:

a. All iron and steel used in the project are produced in the United States--this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;
b. All manufactured products used in the project are produced in the United States-this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and
c. All construction materials are manufactured in the United States-this means that all manufacturing processes for the construction material occurred in the United States.

The Buy America preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project but are not an integral part of the structure or permanently affixed to the infrastructure project.

25. Investing in America

Grantees of an award for construction projects in whole or in part by the Bipartisan Infrastructure Law or the Inflation Reduction Act, including the following provision:

a. Signage Requirements

a. Investing in America Emblem: The recipient will ensure that a sign is placed at construction sites supported in whole or in part by this award displaying the official Investing in America emblem and must identify the project as a “project funded by President Biden’s Bipartisan Infrastructure Law” or “project funded by President Biden’s Inflation Reduction Act” as applicable. The sign must be placed at construction sites in an easily visible location that can be directly linked to the work taking place and must be maintained in good condition throughout the construction period.

The recipient will ensure compliance with the guidelines and design specifications provided by EPA for using the official Investing in America emblem available at: https://www.epa.gov/invest/investing-america-signage.

b. Procuring Signs: Consistent with section 6002 of RCRA, 42 U.S.C. 6962, and 2 CFR 200.323, recipients are encouraged to use recycled or recovered materials when procuring signs. Signage costs are considered an allowable cost under this assistance agreement provided that the costs associated with signage are reasonable. Additionally, to increase public awareness of projects serving communities where English is not the predominant language, recipients are encouraged to translate the language on signs (excluding the official Investing in America emblem or EPA logo or seal) into the appropriate non-English language(s). The costs of such translation are allowable, provided the costs are reasonable.

26. Scrutinized Companies.

a. Grantee certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, F.S., the Department may immediately terminate this Agreement at its sole option if the Grantee is found to have submitted a false certification; or if the Grantee is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.

b. If this Agreement is for more than one million dollars, the Grantee certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in section 287.135, F.S. Pursuant to section 287.135, F.S., the Department may immediately terminate this Agreement at its sole option if the Grantee is found to have submitted a false certification; or if the Grantee is placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

c. As provided in subsection 287.135(8), F.S., if federal law ceases to authorize these contracting prohibitions, then they shall become inoperative.

27. Lobbying and Integrity.

The Grantee agrees that no funds received by it under this Agreement will be expended for the purpose of lobbying the Legislature or a State agency pursuant to section 216.347, F.S., except that pursuant to the requirements of section 287.058(6), F.S., during the term of any executed agreement between Grantee and the State, Grantee may lobby the executive or legislative branch concerning the scope of services, performance, term, or compensation regarding that agreement. The Grantee shall comply with sections 11.062 and 216.347, F.S.

28. Record Keeping.

The Grantee shall maintain books, records and documents directly pertinent to performance under this Agreement in accordance with United States generally accepted accounting principles (US GAAP) consistently applied. The Department, the State, or their authorized representatives shall have access to such records for audit purposes during the term of this Agreement and for five (5) years following the completion date or termination of the Agreement. In the event that any work is subcontracted or subawarded, Grantee shall similarly require each subcontractor/subrecipient to maintain and allow access to such records for audit purposes. Upon request of Department's Inspector General, or other authorized State official, Grantee shall provide any type of information the Inspector General deems relevant to Grantee's integrity or responsibility. Such information may include, but shall not be limited to, Grantee's business or financial records, documents, or files of any type or form that refer to or relate to Agreement. The Grantee shall retain such records for the longer of: (1) three years after the expiration of the Agreement; or (2) the period required by the General Records Schedules maintained by the Florida Department of State (available at: http://dos.myflorida.com/library-archives/records-management/general-records-schedules/).

29. Audits.

a. Inspector General. The Grantee understands its duty, pursuant to section 20.055(5), F.S., to cooperate with the inspector general in any investigation, audit, inspection, review, or hearing. The Grantee will comply with this duty and ensure that its subrecipients and/or subcontractors issued under this Agreement, if any, impose this requirement, in writing, on its subrecipients and/or subcontractors, respectively.

b. Physical Access and Inspection. Department personnel shall be given access to and may observe and inspect work being performed under this Agreement, with reasonable notice and during normal business hours, including by any of the following methods:

i. Grantee shall provide access to any location or facility on which Grantee is performing work, or storing or staging equipment, materials or documents;
ii. Grantee shall permit inspection of any facility, equipment, practices, or operations required in performance of any work pursuant to this Agreement; and,
iii. Grantee shall allow and facilitate sampling and monitoring of any substances, soils, materials or parameters at any location reasonable or necessary to assure compliance with any work or legal requirements pursuant to this Agreement.

c. Special Audit Requirements. The Grantee shall comply with the applicable provisions contained in Attachment 5, Special Audit Requirements. Each amendment that authorizes a funding increase or decrease shall include an updated copy of Exhibit 1, to Attachment 5. If Department fails to provide an updated copy of Exhibit 1 to include in each amendment that authorizes a funding increase or decrease, Grantee shall request one from the Department's Grants Manager. The Grantee shall consider the type of financial assistance (federal and/or state) identified in Attachment 5, Exhibit 1 and determine whether the terms of Federal and/or Florida Single Audit Act Requirements may further apply to lower tier transactions that may be a result of this Agreement. For federal financial assistance, Grantee shall utilize the guidance provided under 2 CFR §200.331 for determining whether the relationship represents that of a subrecipient or vendor. For State financial assistance, Grantee shall utilize the form entitled "Checklist for Nonstate Organizations Recipient/Subrecipient vs Vendor Determination" (form number DFS-A2-NS) that can be found under the "Links/Forms" section appearing at the following website: https:\\apps.fldfs.com\fsaa.

d. Proof of Transactions. In addition to documentation provided to support cost reimbursement as described herein, Department may periodically request additional proof of a transaction to evaluate the appropriateness of costs to the Agreement pursuant to State guidelines (including cost allocation guidelines) and federal, if applicable. Allowable costs and uniform administrative requirements for federal programs can be found under 2 CFR 200. The Department may also request a cost allocation plan in support of its multipliers (overhead, indirect, general administrative costs, and fringe benefits). The Grantee must provide the additional proof within thirty (30) days of such request.

e. No Commingling of Funds. The accounting systems for all Grantees must ensure that these funds are not commingled with funds from other agencies. Funds from each agency must be accounted for separately. Grantees are prohibited from commingling funds on either a program-by-program or a project-by-project basis. Funds specifically budgeted and/or received for one project may not be used to support another project. Where a Grantee's, or subrecipient's, accounting system cannot comply with this requirement, Grantee, or subrecipient, shall establish a system to provide adequate fund accountability for each project it has been awarded.
i. If Department finds that these funds have been commingled, Department shall have the right to demand a refund, either in whole or in part, of the funds provided to Grantee under this Agreement for non-compliance with the material terms of this Agreement. The Grantee, upon such written notification from Department shall refund, and shall forthwith pay to Department, the amount of money demanded by Department. Interest on any refund shall be calculated based on the prevailing rate used by the State Board of Administration. Interest shall be calculated from the date(s) the original payment(s) are received from Department by Grantee to the date repayment is made by Grantee to Department.
ii. In the event that the Grantee recovers costs, incurred under this Agreement and reimbursed by Department, from another source(s), Grantee shall reimburse Department for all recovered funds originally provided under this Agreement and interest shall be charged for those recovered costs as calculated on from the date(s) the payment(s) are recovered by Grantee to the date repayment is made to Department.
iii. Notwithstanding the requirements of this section, the above restrictions on commingling funds do not apply to agreements where payments are made purely on a cost reimbursement basis.

30. Conflict of Interest.

The Grantee covenants that it presently has no interest and shall not acquire any interest which would conflict in any manner or degree with the performance of services required.

31. Independent Contractor.

The Grantee is an independent contractor and is not an employee or agent of Department.

32. Subcontracting/Subawards.

a. Unless otherwise specified in the Special Terms and Conditions, all services contracted for are to be performed solely by Grantee.

b. The Department may, for cause, require the replacement of any Grantee employee, subcontractor/subrecipient, or agent. For cause, includes, but is not limited to, technical or training qualifications, quality of work, change in security status, or non-compliance with an applicable Department policy or other requirement.
c. The Department may, for cause, deny access to Department's secure information or any facility by any Grantee employee, subcontractor/subrecipient, or agent.
d. The Department's actions under paragraphs b. or c. shall not relieve Grantee of its obligation to perform all work in compliance with the Agreement. The Grantee shall be responsible for the payment of all monies due under any subcontract/subaward. The Department shall not be liable to any subcontractor/subrecipient for any expenses or liabilities incurred under any subcontract/subaward, and Grantee shall be solely liable to the subcontractor for all expenses and liabilities incurred under any subcontract/subaward.
e. The Department will not deny Grantee's employees, subcontractors/subrecipients, or agents access to meetings within the Department's facilities, unless the basis of Department's denial is safety or security considerations.
f. A list of minority-owned firms that could be offered subcontracting opportunities may be obtained by contacting the Office of Supplier Development at (850) 487-0915.
g. The Grantee shall not be liable for any excess costs for a failure to perform, if the failure to perform is caused by the default of a subcontractor/subrecipient at any tier, and if the cause of the default is completely beyond the control of both Grantee and the subcontractor(s)/subrecipient(s), and without the fault or negligence of either, unless the subcontracted/subawarded products or services were obtainable from other sources in sufficient time for Grantee to meet the required delivery schedule.

33. Guarantee of Parent Company.

If Grantee is a subsidiary of another corporation or other business entity, Grantee asserts that its parent company will guarantee all of the obligations of Grantee for purposes of fulfilling the obligations of Agreement. In the event Grantee is sold during the period the Agreement is in effect, Grantee agrees that it will be a requirement of sale that the new parent company guarantee all of the obligations of Grantee.

34. Survival.

The respective obligations of the parties, which by their nature would continue beyond the termination or expiration of this Agreement, including without limitation, the obligations regarding confidentiality, proprietary interests, and public records, shall survive termination, cancellation, or expiration of this Agreement.

35. Third Parties.

The Department shall not be deemed to assume any liability for the acts, failures to act or negligence of Grantee, its agents, servants, and employees, nor shall Grantee disclaim its own negligence to Department or any third party. This Agreement does not and is not intended to confer any rights or remedies upon any person other than the parties. If Department consents to a subcontract/subaward, Grantee will specifically disclose that this Agreement does not create any third-party rights. Further, no third parties shall rely upon any of the rights and obligations created under this Agreement.

36. Severability.

If a court of competent jurisdiction deems any term or condition herein void or unenforceable, the other provisions are severable to that void provision, and shall remain in full force and effect.

37. Grantee's Employees, Subcontractors/Subrecipients and Agents.

All Grantee employees, subcontractors/subrecipients, or agents performing work under the Agreement shall be properly trained technicians who meet or exceed any specified training qualifications. Upon request, Grantee shall furnish a copy of technical certification or other proof of qualification. All employees, subcontractors/subrecipients, or agents performing work under Agreement must comply with all security and administrative requirements of Department and shall comply with all controlling laws and regulations relevant to the services they are providing under the Agreement.

38. Assignment.

The Grantee shall not sell, assign, or transfer any of its rights, duties, or obligations under the Agreement, or under any purchase order issued pursuant to the Agreement, without the prior written consent of Department. In the event of any assignment, Grantee remains secondarily liable for performance of the Agreement, unless Department expressly waives such secondary liability. The Department may assign the Agreement with prior written notice to Grantee of its intent to do so.

39. Compensation Report.

If this Agreement is a sole-source, public-private agreement or if the Grantee, through this agreement with the State, annually receive 50% or more of their budget from the State or from a combination of State and Federal funds, the Grantee shall provide an annual report, including the most recent IRS Form 990, detailing the total compensation for

the entities' executive leadership teams. Total compensation shall include salary, bonuses, cashed-in leave, cash equivalents, severance pay, retirement benefits, deferred compensation, real-property gifts, and any other payout. The Grantee must also inform the Department of any changes in total executive compensation between the annual reports. All compensation reports must indicate what percent of compensation comes directly from the State or Federal allocations to the Grantee.

40. Disclosure of Gifts from Foreign Sources.

If the value of the grant under this Agreement is $100,000 or more, Grantee shall disclose to Department any current or prior interest of, any contract with, or any grant or gift received from a foreign country of concern, as defined in section 286.101, F.S., if such interest, contract, or grant or gift has a value of $50,000 or more and such interest existed at any time or such contract or grant or gift was received or in force at any time during the previous 5 years. Such disclosure shall include the name and mailing address of the disclosing entity, the amount of the contract or grant or gift or the value of the interest disclosed, the applicable foreign country of concern and, if applicable, the date of termination of the contract or interest, the date of receipt of the grant or gift, and the name of the agent or controlled entity that is the source or interest holder. If the disclosure requirement is applicable as described above, then within 1 year before applying for any grant, Grantee must also provide a copy of such disclosure to the Department of Financial Services.

41. Food Commodities.

To the extent authorized by federal law, the Department, its grantees, contractors and subcontractors/subrecipients shall give preference to food commodities grown or produced in this state when purchasing food commodities, including farm products as defined in section 823.14, F.S., of any class, variety, or use thereof in their natural state or as processed by a farm operation or processor for the purpose of marketing such product.

42. Anti-human Trafficking.

If the Grantee is a nongovernmental entity, the Grantee must provide the Department with an affidavit signed by an officer or a representative of the Grantee under penalty of perjury attesting that the Grantee does not use coercion for labor or services as defined in section 787.06, F.S.

43. Iron and Steel for Public Works Projects.

If this Agreement funds a "public works project" as defined in section 255.0993, F.S., or the purchase of materials to be used in a public works project, any iron or steel permanently incorporated in the Project must be "produced in the United States," as defined in section 255.0993, F.S. This requirement does not apply if the Department determines that any of the following circumstances apply to the Project:

(1) iron or steel products produced in the United States are not produced in sufficient quantities, reasonably available, or of satisfactory quality;
(2) the use of iron or steel products produced in the United States will increase the total cost of the project by more than twenty percent (20%); or
(3) complying with this requirement is inconsistent with the public interest.

Further, this requirement does not prevent the Contractor's minimal use of foreign steel and iron materials if:

(1) such materials are incidental or ancillary to the primary product and are not separately identified in the project specifications; and
(2) the "cost" of such materials, as defined in section 255.0993, F.S., does not exceed one-tenth of one percent (1%) of the total Project Cost under this Agreement or $2,500, whichever is greater.

Electrical components, equipment, systems, and appurtenances, including supports, covers, shielding, and other appurtenances related to an electrical system that are necessary for operation or concealment (excepting transmission and distribution poles) are not considered to be iron or steel products and are, therefore, exempt from the requirements of this paragraph.

This provision shall be applied in a manner consistent with and may not be construed to impair the state's obligations under any international agreement.

44. Complete and Accurate information.

Grantee represents and warrants that all statements and information provided to DEP are current, complete, and accurate. This includes all statements and information in this Grant, as well as its Attachments and Exhibits.

45. Execution in Counterparts and Authority to Sign.

This Agreement, any amendments, and/or change orders related to the Agreement, may be executed in counterparts, each of which shall be an original and all of which shall constitute the same instrument. In accordance with the Electronic Signature Act of 1996, electronic signatures, including facsimile transmissions, may be used and shall have the same force and effect as a written signature. Each person signing this Agreement warrants that he or she is duly authorized to do so and to bind the respective party to the Agreement.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Special Terms and Conditions
AGREEMENT NO. 26DA2

ATTACHMENT 2

These Special Terms and Conditions shall be read together with general terms outlined in the Standard Terms and Conditions, Attachment 1. Where in conflict, these more specific terms shall apply.

1. Scope of Work.
The Project funded under this Agreement is the Key Biscayne Beach Nourishment Project. The Project is defined in more detail in Attachment 3, Grant Work Plan.

2. Duration.
a. Reimbursement Period. The reimbursement period for this Agreement is the same as the term of the Agreement.
b. Extensions. There are extensions available for this Project.
c. Service Periods. Additional service periods are not authorized under this Agreement.

3. Payment Provisions.
a. Compensation. This is a cost reimbursement Agreement. The Grantee shall be compensated under this Agreement as described in Attachment 3.
b. Invoicing. Invoicing will occur as indicated in Attachment 3.
c. Advance Pay. Advance Pay is not authorized under this Agreement.

4. Cost Eligible for Reimbursement or Matching Requirements.
Reimbursement for costs or availability for costs to meet matching requirements shall be limited to the following budget categories, as defined in the Reference Guide for State Expenditures, as indicated:

Reimbursement	Match	Category
☐	☐	Salaries/Wages
		Overhead/Indirect/General and Administrative Costs:
☐	☐	a. Fringe Benefits, N/A.
☐	☐	b. Indirect Costs, N/A.
☒	☐	Contractual/Subaward (Subcontractors/Subrecipients)
☐	☐	Travel, in accordance with Section 112, F.S.
☐	☐	Equipment
☐	☐	Rental/Lease of Equipment
☐	☐	Miscellaneous/Other Expenses
☐	☐	Land Acquisition

5. Equipment Purchase.
No Equipment purchases shall be funded under this Agreement.

6. Land Acquisition.
There will be no Land Acquisitions funded under this Agreement.

7. Match Requirements
See Attachment 3, Grant Work Plan.

8. Insurance Requirements
Required Coverage. At all times during the Agreement the Grantee, at its sole expense, shall maintain insurance coverage of such types and with such terms and limits described below. The limits of coverage under each policy

maintained by the Grantee shall not be interpreted as limiting the Grantee's liability and obligations under the Agreement. All insurance policies shall be through insurers licensed and authorized to issue policies in Florida, or alternatively, Grantee may provide coverage through a self-insurance program established and operating under the laws of Florida. Additional insurance requirements for this Agreement may be required elsewhere in this Agreement, however the minimum insurance requirements applicable to this Agreement are:

a. Commercial General Liability Insurance.
The Grantee shall provide adequate commercial general liability insurance coverage and hold such liability insurance at all times during the Agreement. The Department, its employees, and officers shall be named as an additional insured on any general liability policies. The minimum limits shall be $250,000 for each occurrence and $500,000 policy aggregate.

b. Commercial Automobile Insurance.
If the Grantee's duties include the use of a commercial vehicle, the Grantee shall maintain automobile liability, bodily injury, and property damage coverage. Insuring clauses for both bodily injury and property damage shall provide coverage on an occurrence basis. The Department, its employees, and officers shall be named as an additional insured on any automobile insurance policy. The minimum limits shall be as follows:

$200,000/300,000	Automobile Liability for Company-Owned Vehicles, if applicable
$200,000/300,000	Hired and Non-owned Automobile Liability Coverage

c. Workers' Compensation and Employer's Liability Coverage.
The Grantee shall provide workers' compensation, in accordance with Chapter 440, F.S. and employer liability coverage with minimum limits of $100,000 per accident, $100,000 per person, and $500,000 policy aggregate. Such policies shall cover all employees engaged in any work under the Grant.

d. Other Insurance. None.

9. Quality Assurance Requirements.
There are no special Quality Assurance requirements under this Agreement.

10. Retainage.
Retainage is permitted under this Agreement. Retainage may be up to a maximum of 10% of the total amount of the Agreement.

11. Subcontracting/Subawards.
The Grantee may subcontract/subaward work under this Agreement without the prior written consent of the Department's Grant Manager except for certain fixed-price subcontracts/subawards pursuant to this Agreement, which require prior approval. The Grantee shall submit a copy of the executed subcontracts/subaward to the Department prior to submitting any invoices for subcontracted/subawarded work. Regardless of any subcontract/subaward, the Grantee is ultimately responsible for all work to be performed under this Agreement.

12. State-owned Land.
The Board of Trustees of the Internal Improvement Trust Fund must be listed as additional insured to general liability insurance required by the Agreement and, if the Grantee is a non-governmental entity, indemnified by the Grantee.

13. Office of Policy and Budget Reporting.
There are no special Office of Policy and Budget reporting requirements for this Agreement.

14. Common Carrier.

a. Applicable to contracts/subawards with a common carrier – firm/person/corporation that as a regular business transports people or commodities from place to place. If applicable, Contractor/Subrecipient must also fill out and return PUR 1808 before contract/subaward execution. If Contractor/Subrecipient is a common carrier pursuant to section 908.111(1)(a), Florida Statutes, the Department will terminate this Agreement immediately if Contractor/Subrecipient is found to be in violation of the law or the attestation in PUR 1808.

b. Applicable to solicitations for a common carrier – Before contract execution, the winning Contractor(s) must fill out and return PUR 1808, and attest that it is not willfully providing any service in furtherance of

transporting a person into this state knowing that the person unlawfully present in the United States according to the terms of the federal Immigration and Nationality Act, 8 U.S.C. ss. 1101 et seq. The Department will terminate a contract immediately if Contractor is found to be in violation of the law or the attestation in PUR 1808.

15. Financial Assistance and Payment of Invoices to Rural Communities or Rural Areas of Opportunity
This agreement does not provide federal or state financial assistance to a county or municipality that is a rural community or rural area of opportunity as those terms are defined in s. 288.0656(2).

16. Additional Terms.
None**.**

ATTACHMENT 3
GRANT WORK PLAN

PROJECT TITLE: Key Biscayne Beach Nourishment Project

PROJECT LOCATION: The Project is located between Department of Environmental Protection (Department or DEP) reference monuments R101.3 and R107.6 along the Atlantic Ocean, in the Village of Key Biscayne in Miami-Dade County, Florida.

PROJECT BACKGROUND: The Key Biscayne Beach Nourishment Project is located between DEP monuments R101.3 and R107.6 in Miami-Dade County. The project was initially restored in 1987 and has received six additional renourishments since. The renourishment interval occurs every 3-4 years. The most recent nourishment completed June 2024, and permit-required post-construction monitoring is ongoing.

PROJECT DESCRIPTION: The Project consists of monitoring.

PROJECT ELIGIBILITY: The Department has determined that 91.46 percent of the non-federal Project cost is eligible for state cost sharing. Therefore, the Department's financial obligation shall not exceed the sum of $91,460.00 for this Project or up to 45.73 percent of the non-federal Project cost, if applicable, for the specific eligible Project items listed, whichever is less. Any indicated federal cost sharing percentage is an estimate and shall not affect the cost sharing percentages of the non-federal share. The parties agree that eligibility for cost sharing purposes will be maintained pursuant to 62B-36, Florida Administrative Code (F.A.C.).

The Local Sponsor will be responsible for auditing all travel reimbursement expenses based on the travel limits established in section 112.061, Florida Statute (F.S.).

Pursuant to sections 161.091 - 161.161, F.S., the Department provides financial assistance to eligible governmental entities for beach erosion control and inlet management activities under the Florida Beach Management Funding Assistance Program.

Pursuant to 62B-36.005(1)(d), F.A.C., the Local Sponsor has resolved to support and serve as local sponsor, has demonstrated a financial commitment, and has demonstrated the ability to perform the tasks associated with the beach erosion control project as described herein.

The Project shall be conducted in accordance with the terms and conditions set forth under this Agreement, all applicable Department permits and the eligible Project task items established below. All data collection and processing, and the resulting product deliverables, shall comply with the standards and technical specifications contained in the Department's Monitoring Standards for Beach Erosion Control Projects (2014) and all associated state and federal permits, unless otherwise specified in the approved scope of work for an eligible Project item. The monitoring standards may be found at:

https://floridadep.gov/sites/default/files/PhysicalMonitoringStandards.pdf

One (1) electronic copy of all written reports developed under this Agreement shall be forwarded to the Department, unless otherwise specified.

Acronyms:

DEP – Florida Department of Environmental Protection
F.A.C. – Florida Administrative Code
F.S. – Florida Statutes
FWC – Florida Fish and Wildlife Conservation Commission

TASKS and DELIVERABLES:

The Local Sponsor will provide detailed scopes of work or a letter requesting advance payment if authorized by Attachment 2, for all tasks identified below, which shall include a narrative description of work to be completed, a corresponding cost estimate and a proposed schedule of completion for the proposed work and associated deliverables. Each scope of work shall be approved in writing by the DEP Project Manager to be included into this work plan for reimbursement.

Task 1: Monitoring
State and federal monitoring required by permit is eligible for reimbursement pursuant to program statute and rule. In order to comply with Florida Auditor General report 2014-064 regarding conflicts of interest and to be consistent with section 287.057(19)(a)(1), F.S., all monitoring data and statistical analysis must be provided directly and concurrently from the monitoring contractor to the Department/Local Sponsor permittee/engineering consultant. The Local Sponsor's engineering consultant must provide an adequate mitigation plan, consistent with section 287.057(19)(a)(1), F.S., including a description of organizational, physical, and electronic barriers to be used by the Local Sponsor's engineering consultant, that addresses conflicts of interest when contracting multi-disciplinary firms for Project engineering and post-construction environmental monitoring services, or when the Project engineering consultant firm subcontracts for post-construction environmental monitoring. Environmental monitoring includes hardbottom, seagrass, and mangrove resources. Department approval of the consultant's mitigation plan will be required prior to execution of this Agreement. If at any time the Local Sponsor and/or its engineering consultant fails to comply with this provision, the Local Sponsor agrees to reimburse the Department all funds provided by the Department associated with environmental monitoring for the Project listed.

Task Description: This task includes activities associated with permit-required monitoring conducted in accordance with the conditions specified by state or federal regulatory agencies. All monitoring tasks must be located within or adjacent to the Project area and follow the Department's Regional Coastal Monitoring Program and FWC's marine turtle and shorebird monitoring programs. Guidance for monitoring of nearshore resources is available in the Department's Standard Operation Procedures For Nearshore Hardbottom Monitoring Of Beach Nourishment Projects. The Local Sponsor must submit work products directly to the appropriate state or federal regulatory agencies in accordance with permit conditions to be eligible for reimbursement under this task, unless otherwise directed.

Deliverable: For each interim or final payment, the Local Sponsor will provide a Task Summary Report signed by Local Sponsor containing; 1) An itemized listing of all monitoring activities completed or in progress during the payment request period and, 2) Documentation of submittal to state and federal regulatory agencies of completed monitoring data, surveys and final reports for permit-required work under this task description.

Performance Standard: The DEP Project Manager will review the task deliverable and any associated work products as necessary to verify they meet the specifications in the Grant Work Plan and this task description.

Payment Request Schedule: Payment requests may be submitted after the deliverable is received and accepted and may be submitted no more frequently than quarterly.

Estimated Eligible Project Cost

Task #	Eligible Project Tasks	State Cost Share (%)	Federal Estimated Project Costs	DEP	Local	Total
1	**Monitoring**	45.73%		$91,460.00	$108,540.00	**$200,000.00**
	TOTAL PROJECT COSTS			**$91,460.00**	**$108,540.00**	**$200,000.00**

PROJECT TIMELINE & BUDGET DETAIL: The tasks must be completed by, and all deliverables received by, the corresponding deliverable due date

Task No.	Task Title	Budget Category	Budget Amount	Task Start Date	Deliverable Due Date
1	Monitoring	Contractual Services	$91,460.00	06/01/2024	09/30/2028
		Total:	$91,460.00		

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Public Records Requirements

Attachment 4

1. **Public Records.**

a. If the Agreement exceeds $35,000.00, and if Grantee is acting on behalf of Department in its performance of services under the Agreement, Grantee must allow public access to all documents, papers, letters, or other material, regardless of the physical form, characteristics, or means of transmission, made or received by Grantee in conjunction with the Agreement (Public Records), unless the Public Records are exempt from section 24(a) of Article I of the Florida Constitution and section 119.07(1), F.S.

b. The Department may unilaterally terminate the Agreement if Grantee refuses to allow public access to Public Records as required by law.

2. **Additional Public Records Duties of Section 119.0701, F.S., If Applicable.**
For the purposes of this paragraph, the term "contract" means the "Agreement." If Grantee is a "contractor" as defined in section 119.0701(1)(a), F.S., the following provisions apply and the contractor shall:

a. Keep and maintain Public Records required by Department to perform the service.

b. Upon request, provide Department with a copy of requested Public Records or allow the Public Records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, F.S., or as otherwise provided by law.

c. A contractor who fails to provide the Public Records to Department within a reasonable time may be subject to penalties under section 119.10, F.S.

d. Ensure that Public Records that are exempt or confidential and exempt from Public Records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the Public Records to Department.

e. Upon completion of the contract, transfer, at no cost, to Department all Public Records in possession of the contractor or keep and maintain Public Records required by Department to perform the service. If the contractor transfers all Public Records to Department upon completion of the contract, the contractor shall destroy any duplicate Public Records that are exempt or confidential and exempt from Public Records disclosure requirements. If the contractor keeps and maintains Public Records upon completion of the contract, the contractor shall meet all applicable requirements for retaining Public Records. All Public Records stored electronically must be provided to Department, upon request from Department's custodian of Public Records, in a format specified by Department as compatible with the information technology systems of Department. These formatting requirements are satisfied by using the data formats as authorized in the contract or Microsoft Word, Outlook, Adobe, or Excel, and any software formats the contractor is authorized to access.

f. **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, F.S., TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THE CONTRACT, CONTACT THE DEPARTMENT'S CUSTODIAN OF PUBLIC RECORDS AT:**

Telephone: **(850) 245-2118**
Email: public.services@floridadep.gov
Mailing Address: **Department of Environmental Protection**
ATTN: Office of Ombudsman and Public Services
Public Records Request
3900 Commonwealth Boulevard, MS 49
Tallahassee, Florida 32399

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Special Audit Requirements
(State and Federal Financial Assistance)

Attachment 5

The administration of resources awarded by the Department of Environmental Protection *(which may be referred to as the "Department", "DEP", "FDEP" or "Grantor", or other name in the agreement*) to the recipient *(which may be referred to as the "Recipient", "Grantee" or other name in the agreement)* may be subject to audits and/or monitoring by the Department of Environmental Protection, as described in this attachment.

MONITORING

In addition to reviews of audits conducted in accordance with 2 CFR Part 200, Subpart F-Audit Requirements, and Section 215.97, F.S., as revised (see "AUDITS" below), monitoring procedures may include, but not be limited to, on-site visits by DEP Department staff, limited scope audits as defined by 2 CFR 200.425, or other procedures. By entering into this Agreement, the recipient agrees to comply and cooperate with any monitoring procedures/processes deemed appropriate by the Department of Environmental Protection. In the event the Department of Environmental Protection determines that a limited scope audit of the recipient is appropriate, the recipient agrees to comply with any additional instructions provided by the Department to the recipient regarding such audit. The recipient further agrees to comply and cooperate with any inspections, reviews, investigations, or audits deemed necessary by the Chief Financial Officer (CFO) or Auditor General.

AUDITS

PART I: FEDERALLY FUNDED

This part is applicable if the recipient is a State or local government or a non-profit organization as defined in 2 CFR §200.330

1. A recipient that expends $1,000,000 or more in Federal awards in its fiscal year, must have a single or program-specific audit conducted in accordance with the provisions of 2 CFR Part 200, Subpart F. EXHIBIT 1 to this Attachment indicates Federal funds awarded through the Department of Environmental Protection by this Agreement. In determining the federal awards expended in its fiscal year, the recipient shall consider all sources of federal awards, including federal resources received from the Department of Environmental Protection. The determination of amounts of federal awards expended should be in accordance with the guidelines established in 2 CFR 200.502-503. An audit of the recipient conducted by the Auditor General in accordance with the provisions of 2 CFR Part 200.514 will meet the requirements of this part.

2. For the audit requirements addressed in Part I, paragraph 1, the recipient shall fulfill the requirements relative to auditee responsibilities as provided in 2 CFR 200.508-512.

3. A recipient that expends less than $1,000,000 in federal awards in its fiscal year is not required to have an audit conducted in accordance with the provisions of 2 CFR Part 200, Subpart F-Audit Requirements. If the recipient expends less than $1,000,000 in federal awards in its fiscal year and elects to have an audit conducted in accordance with the provisions of 2 CFR 200, Subpart F-Audit Requirements, the cost of the audit must be paid from non-federal resources (i.e., the cost of such an audit must be paid from recipient resources obtained from non-federal entities).

4. The recipient may access information regarding the Catalog of Federal Domestic Assistance (CFDA) via the internet at https://sam.gov/content/assistance-listings.

PART II: STATE FUNDED

This part is applicable if the recipient is a nonstate entity as defined by Section 215.97(1)(n), Florida Statutes.

1. In the event that the recipient expends a total amount of state financial assistance equal to or in excess of $750,000 in any fiscal year of such recipient (for fiscal years ending June 30, 2017, and thereafter), the recipient must have a State single or project-specific audit for such fiscal year in accordance with Section 215.97, F.S.; Rule Chapter 69I-5, F.A.C., State Financial Assistance; and the current Rules of the Auditor General. EXHIBIT 1 to this form lists the state financial assistance awarded through the Department of Environmental Protection by this agreement. In determining the state financial assistance expended in its fiscal year, the recipient shall consider all sources of state financial assistance, including state financial assistance received from the Department of Environmental Protection, other state agencies, and other nonstate entities. State financial assistance does not include federal direct or pass-through awards and resources received by a nonstate entity for Federal program matching requirements.

2. In connection with the audit requirements addressed in Part II, paragraph 1; the recipient shall ensure that the audit complies with the requirements of Section 215.97(8), Florida Statutes. This includes submission of a financial reporting package as defined by Section 215.97(2), Florida Statutes, and the current Rules of the Auditor General.

3. If the recipient expends less than $750,000 in state financial assistance in its fiscal year (for fiscal year ending June 30, 2017, and thereafter), an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, is not required. In the event that the recipient expends less than $750,000 in state financial assistance in its fiscal year, and elects to have an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, the cost of the audit must be paid from the non-state entity's resources (i.e., the cost of such an audit must be paid from the recipient's resources obtained from other than State entities).

4. For information regarding the Florida Catalog of State Financial Assistance (CSFA), a recipient should access the Florida Single Audit Act website located at https://apps.fldfs.com/fsaa for assistance. In addition to the above websites, the following websites may be accessed for information: Legislature's Website at http://www.leg.state.fl.us/Welcome/index.cfm, State of Florida's website at http://www.myflorida.com/, Department of Financial Services' Website at https://www.myfloridacfo.com/ and the Auditor General's Website at http://www.myflorida.com/audgen/.

PART III: OTHER AUDIT REQUIREMENTS

(NOTE: This part would be used to specify any additional audit requirements imposed by the State awarding entity that are solely a matter of that State awarding entity's policy (i.e., the audit is not required by Federal or State laws and is not in conflict with other Federal or State audit requirements). Pursuant to Section 215.97(8), Florida Statutes, State agencies may conduct or arrange for audits of State financial assistance that are in addition to audits conducted in accordance with Section 215.97, Florida Statutes. In such an event, the State awarding agency must arrange for funding the full cost of such additional audits.)

PART IV: REPORT SUBMISSION

1. Copies of reporting packages for audits conducted in accordance with 2 CFR Part 200, Subpart F-Audit Requirements, and required by PART I of this form shall be submitted, when required by 2 CFR 200.512, by or on behalf of the recipient directly to the Federal Audit Clearinghouse (FAC) as provided in 2 CFR 200.36 and 200.512

   A. The Federal Audit Clearinghouse designated in 2 CFR §200.501(a) (the number of copies required by 2 CFR §200.501(a) should be submitted to the Federal Audit Clearinghouse), at the following address:

By Mail:

Federal Audit Clearinghouse
Bureau of the Census
1201 East 10th Street
Jeffersonville, IN 47132

Submissions of the Single Audit reporting package for fiscal periods ending on or after January 1, 2008, must be submitted using the Federal Clearinghouse's Internet Data Entry System which can be found at http://harvester.census.gov/facweb/

2. Copies of financial reporting packages required by PART II of this Attachment shall be submitted by or on behalf of the recipient directly to each of the following:

A. The Department of Environmental Protection at one of the following addresses:

By Mail:
Audit Director
Florida Department of Environmental Protection
Office of Inspector General, MS 40
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Electronically:
FDEPSingleAudit@dep.state.fl.us

B. The Auditor General's Office at the following address:

Auditor General
Local Government Audits/342
Claude Pepper Building, Room 401
111 West Madison Street
Tallahassee, Florida 32399-1450

The Auditor General's website (http://flauditor.gov/) provides instructions for filing an electronic copy of a financial reporting package.

3. Copies of reports or management letters required by PART III of this Attachment shall be submitted by or on behalf of the recipient directly to the Department of Environmental Protection at one of the following addresses:

By Mail:
Audit Director
Florida Department of Environmental Protection
Office of Inspector General, MS 40
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Electronically:
FDEPSingleAudit@dep.state.fl.us

4. Any reports, management letters, or other information required to be submitted to the Department of Environmental Protection pursuant to this Agreement shall be submitted timely in accordance with 2 CFR 200.512, section 215.97, F.S., and the current Rules of the Auditor General, as applicable.

5. Recipients, when submitting financial reporting packages to the Department of Environmental Protection for audits done in accordance with 2 CFR 200, Subpart F-Audit Requirements, or the current Rules of the Auditor

General, should indicate the date and time the reporting package was delivered to the recipient and any correspondence accompanying the reporting package.

PART V: RECORD RETENTION

The recipient shall retain sufficient records demonstrating its compliance with the terms of the award and this Agreement for a period of **five (5)** years from the date the audit report is issued, and shall allow the Department of Environmental Protection, or its designee, Chief Financial Officer, or Auditor General access to such records upon request. The recipient shall ensure that audit working papers are made available to the Department of Environmental Protection, or its designee, Chief Financial Officer, or Auditor General upon request for a period of **three (3)** years from the date the audit report is issued, unless extended in writing by the Department of Environmental Protection.

EXHIBIT – 1

FUNDS AWARDED TO THE RECIPIENT PURSUANT TO THIS AGREEMENT CONSIST OF THE FOLLOWING:

Note: If the resources awarded to the recipient represent more than one federal program, provide the same information shown below for each federal program and show total federal resources awarded

Federal Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following:					
Federal Program A	Federal Agency	CFDA Number	CFDA Title	Funding Amount	State Appropriation Category
				$	
Federal Program B	Federal Agency	CFDA Number	CFDA Title	Funding Amount	State Appropriation Category
				$	

Note: Of the resources awarded to the recipient represent more than one federal program, list applicable compliance requirements for each federal program in the same manner as shown below:

Federal Program A	First Compliance requirement: i.e.: (what services of purposes resources must be used for)	
	Second Compliance requirement: i.e.:(eligibility requirement for recipients of the resources)	
	Etc.	
	Etc.	
Federal Program B	First Compliance requirement: i.e.: (what services of purposes resources must be used for)	
	Second Compliance requirement: i.e.: (eligibility requirement for recipients of the resources)	
	Etc.	
	Etc.	

Note: If the resources awarded to the recipient for matching represent more than one federal program, provide the same information shown below for each federal program and show total state resources awarded for matching.

State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Matching Resources for Federal Programs:					
Federal Program A	Federal Agency	CFDA	CFDA Title	Funding Amount	State Appropriation Category
Federal Program B	Federal Agency	CFDA	CFDA Title	Funding Amount	State Appropriation Category

Note: If the resources awarded to the recipient represent more than one state project, provide the same information shown below for each state project and show total state financial assistance awarded that is subject to section 215.97, F.S.

State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Resources Subject to Section 215.97, F.S.:						
State Program A	State Awarding Agency	State Fiscal Year[1]	CSFA Number	CSFA Title or Funding Source Description	Funding Amount	State Appropriation Category
Original	Florida Department of Environmental Protection	2025-2026	37.003	Beach Management Funding Assistance Program, GAA Line Item #1661, LATF	$91,460.00	140126
State Program B	State Awarding Agency	State Fiscal Year[2]	CSFA Number	CSFA Title or Funding Source Description	Funding Amount	State Appropriation Category

Total Award	$91,460.00	

Note: List applicable compliance requirement in the same manner as illustrated above for federal resources. For matching resources provided by the Department for DEP for federal programs, the requirements might be similar to the requirements for the applicable federal programs. Also, to the extent that different requirements pertain to different amount for the non-federal resources, there may be more than one grouping (i.e. 1, 2, 3, etc.) listed under this category.

For each program identified above, the recipient shall comply with the program requirements described in the Catalog of Federal Domestic Assistance (CFDA) [https://sam.gov/content/assistance-listings] and/or the Florida Catalog of State Financial Assistance (CSFA) [https://apps.fldfs.com/fsaa/searchCatalog.aspx], and

[1] Subject to change by Change Order.
[2] Subject to change by Change Order.

State Projects Compliance Supplement (Part Four: State Projects Compliance Supplement [https://apps.fldfs.com/fsaa/compliance.aspx]. The services/purposes for which the funds are to be used are included in the Agreement's Grant Work Plan. Any match required by the Recipient is clearly indicated in the Agreement.

EXHIBIT A

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM
QUARTERLY PROJECT PROGRESS REPORT

Name of Project: Key Biscayne Beach Nourishment Project

Local Sponsor: Village of Key Biscayne

DEP Agreement Number: 26DA2

Report Year: _____ **Report Period (select one):**

☐ Q1: Jan – Mar 31 ☐ Q2: Apr – Jun 30 ☐ Q3: Jul – Sep 30 ☐ Q4: Oct – Dec 31

For each task, include the following information: Describe the work performed during the reporting period (including percent of task completed to date), problems encountered, problem resolutions, scheduled updates, and proposed work for the next reporting period. (*Use additional pages, if needed*).

Task 1: _____

Task 2: _____

Task 3: _____

Task 4: _____

EXHIBIT C

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM
REQUEST FOR PAYMENT
PART 1 – PAYMENT SUMMARY

Name of Project: Key Biscayne Beach Nourishment Project

Local Sponsor: Village of Key Biscayne

DEP Agreement Number: 26DA2

Remittance Mailing Address: _____

_____

Billing Number:_____

Billing Type: ☐ Interim Billing ☐ Final Billing

Costs Incurred This Payment Request:

Federal Share*	State Share	Local Share	Total
$_____	$_____	$_____	$_____

*if applicable, check box below:

☐ FEMA ☐ USACE

Cost Summary:

State Funds Obligated
$_____

Less Advance Pay
$_____

Less Previous Payment
$_____

Less Previous Retained
$_____

Less This Payment
$_____

Less This Retainage
$_____

State Funds Remaining
$_____

Local Funds Obligated
$_____

Less Advance Pay
$_____

Less Previous Credits
$_____

Less This Credit
$_____

Local Funds Remaining
$_____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM
REQUEST FOR PAYMENT
PART 2 – REIMBURSEMENT DETAIL

DEP Agreement Number: _____
Name of Project: _____
Billing Number: _____
Billing Period (1): _____

Individual Completing Form (2): _____
Phone Number (2): _____

REIMBURSEMENT DETAIL

Item #	Vendor Name	Invoice Number	Invoice Date	Check/EFT Number	Task Number (3)	SOW Number (3)	Invoice Amount (4)	Eligible Amount (5)	% Fed Share (6)	Federal Share of Eligible Amount (7)	Non-Federal Share (8)	% State Share (9)	State Share (10)	Local Share (11)	Requested Retainage Payment (12)	Withheld Retainage (13)	State Payment (14)
										-	-		**$0.00**	0.00		0.00	0.00
								-		**Totals**	-		-	-	-	-	-

Total Due to Local Sponsor (15)_____

Form Instructions:

1. Billing Period: Period when services were conducted (beginning date: earliest date of services conducted; end date: latest date of services conducted).
2. Person responsible for completing this form: Name and phone number if contact is needed.
3. Task #/SOW #: Insert a Task #/SOW # for each invoice. If invoice covers multiple Task#/SOW#, then that invoice should be listed multiple times, a line item for each deliverable.
4. Invoice amount: Full amount of invoice.
5. Eligible Amount: Invoice amount paid by Local Sponsor less ineligible cost for line item deliverable only.
6. % Federal Share: If applicable, the federal cost share percentage listed in Agreement.
7. Federal Share of Eligible Amount: If applicable, Local Sponsor will multiply Eligible Amount (5) by % Federal Share (6).
8. Non-Federal Share: Eligible Amount (5) minus Federal Share of Eligible Amount (7).
9. % State Share: The state cost share percentage listed in Agreement.
10. State Share: Multiply Non-Federal Share (8) by % State Share (9).
11. Local Share: Subtract State Share (10) from Non-Federal Share (8).
12. Requested Retainage Payment: Requires separate line for each completed Task, Sub-Task and or Deliverable that retainage is being requested.
13. Withheld Retainage: Multiply State Share (10) by 10%.
14. State Payment: Subtract Withheld Retainage (13) from State Share (10).
15. Total Due to Local Sponsor: Add Retainage Payment Total (12) to State Payment Total (14).

Please redact all sensitive financial information from the invoices and other supporting documentation to be submitted with this Payment Request Form.
**For questions or concerns regarding this form please contact the BMFA Fiscal Administrator, Beaches_Funding@FloridaDEP.gov

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM
REQUEST FOR PAYMENT
PART 3 – INVOICE REPORT

Name of Project: Key Biscayne Beach Nourishment Project

Local Sponsor: Village of Key Biscayne

DEP Agreement Number: 26DA2

Billing Number: _____

Billing Period: _____
(Describe progress accomplished during the billing period, including statement(s) regarding percent of task completed to date.). **NOTE:** Use as many pages as necessary to cover all tasks in the Grant Work Plan.

The following format should be followed:
Task 1:
Progress for this invoice billing period:
Identify any delays or problems encountered:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM
REQUEST FOR PAYMENT
PART 4 – CERITIFICATION OF DISBURSEMENT REQUEST

Name of Project: Key Biscayne Beach Nourishment Project

Local Sponsor: Village of Key Biscayne

DEP Agreement Number: 26DA2

Billing Number:_____

Certification: I certify that this billing is correct and is based upon actual obligations of record by the Local Sponsor; that payment from the State Government has not been received; that the work and/or services are in accordance with the Department of Environmental Protection, Beach Management Funding Assistance Program's approved Project Agreement including any amendments thereto; and that progress of the work and/or services are satisfactory and are consistent with the amount billed. The disbursement amount requested on Page 1 of this form is for allowable costs for the project described in the Attachment 3, Grant Work Plan.

I certify that the purchases noted were used in accomplishing the project; and that invoices, check vouchers, copies of checks, and other purchasing documentation are maintained as required to support the cost reported above and are available for audit upon request.

_____	_____	_____
Name of Project Administrator	Signature of Project Administrator	Date

_____	_____	_____
Name of Project Financial Officer	Signature of Project Financial Officer	Date

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FLORIDA BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM
REQUEST FOR PAYMENT
PART 5 – COMPLETION CERTIFICATION

Name of Project: Key Biscayne Beach Nourishment Project

Local Sponsor: Village of Key Biscayne

DEP Agreement Number: 26DA2

Billing Number:_____

Task Completion ☐ (List Tasks) _____

Agreement Completion ☐Yes ☐No

Certification: I hereby certify that the above-mentioned project task(s) has been completed in accordance with the Project Agreement, including any amendments thereto, between the DEPARTMENT and LOCAL SPONSOR, and all funds expended for the project were expended pursuant to this Agreement. All unused funds and interest accrued on any unused portion of advanced funds which have not been remitted to the DEPARTMENT, have been returned to the DEPARTMENT, or will be returned to the DEPARTMENT within sixty (60) days of the completion of construction portion of this PROJECT. Unused funds advanced to the United States Army Corps of Engineers through LOCAL SPONSORS will be due sixty (60) days after the final federal accounting has been completed.

NOTE: Only submit Part 5 – Completion Certification if a Task, or the Project, is complete.

_____	_____	_____
Name of Project Manager	Signature of Project Manager	Date

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FLORIDA BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM
REQUEST FOR PAYMENT
PART 6 – ENGINEER'S CERTIFICATION OF PAYMENT REQUEST

ONLY SUBMIT IF CONSTRUCTION IS PART OF THE REIMBURSEMENT REQUEST

I, _____, being the Professional Engineer retained by
(name of Professional Engineer)

_____, and responsible for overseeing construction of the Project
(name of Grantee)

described in the Agreement and do hereby certify that for DEP Agreement No. _____ and Payment Request No. ___:

1. All permits and approvals required for the construction, which is underway, have been obtained.
2. Payment is in accordance with construction contract provisions.
3. Construction up to the point of this payment request is in compliance with the approved plans and permits.
4. Equipment, materials, labor, and services represented by the construction invoices have been satisfactorily purchased or received and applied to the project in accordance with construction contract documents filed with and previously approved by the Department of Environmental Protection.

_____
Professional Engineer (Physical Signature Required)

_____
Firm or Affiliation

_____ _____
(Date) (P.E. Number)

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19th, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Continuing Geotechnical and Survey Services Contract

RECOMMENDATION

Request the Village Council authorizes the Village Manager to enter into contracts with KCI Technologies Inc., Colliers Engineering & Design Inc., and Longitude Surveyors LLC for the provision of continuing geotechnical and survey services. The agreement will be for an initial three (3) year term with three (3) optional one-year extensions.

DISCUSSION

Purpose: This contract establishes a pool of qualified consultants to support Village infrastructure and public works projects requiring geotechnical and surveying expertise. These services will be used on an as-needed basis and are essential to planning, design, and construction oversight.

Background: The Village issued RFQ No. 2025-11 on April 2, 2025, soliciting qualifications from firms capable of providing geotechnical and survey support. Nine proposals were received and reviewed by an Evaluation Committee composed of Village department leaders. After a two-step evaluation process including qualifications review and presentations, the top three firms were selected based on overall scoring and alignment with the Village's needs.

Justification: Selected Firms and Qualifications:

- KCI Technologies Inc. – 70 years of experience; ranked highest by the Committee.
- Colliers Engineering & Design Inc. – 40 years of experience; strong organizational profile and project approach.
- Longitude Surveyors LLC – 21 years of experience; solid performance and technical capabilities.

All selected firms demonstrated compliance with licensure requirements, depth of experience, and access to necessary testing and mapping technologies, including GIS integration.

Implementation/Integration Plan: Upon Council approval, the Village will execute agreements with each of the selected firms. Task orders will be issued through the Public Works Department

on a project-specific basis. These firms will support ongoing and upcoming CIP and operational initiatives.

RESOURCE IMPACT

Recurring Funding: Operational and Capital Budgets (project dependent)

Personnel: No new personnel required

Equipment: No new Village equipment required

Facilities: Not applicable

FUNDING SOURCES

- **GL Code**: 001-41-541-46007-000001, 001-41-541-46007-000002, 001-41-541-46007-000003
- **Budget Line-Item**: HVAC Maintenance / Capital Projects
- **Amount**: Varies by task and scope of services
- **Maintenance & Repair:** Covered by Facilities operating budget
- **Replacement Units:** Funded through Capital Improvements Program

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

Supports the Village's Strategic Focus Areas of Resilient Infrastructure, Operational Excellence, and Proactive Asset Management by ensuring timely access to essential technical expertise needed for the maintenance and improvement of Village facilities and systems.

ATTACHMENT(S)

- Bid Tabulation Sheet
- Evaluation Recommendation
- Colliers Engineering & Design Inc. Proposal
- KCI Technologies Inc. Proposal
- Longitude Surveyors LLC. Proposal

Prepared by: Christopher Miranda, Public Works Director

Reviewed by: Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025- _____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING KCI TECHNOLOGIES, INC., COLLIERS ENGINEERING & DESIGN, INC., AND LONGITUDE SURVEYORS, LLC PURSUANT TO REQUEST FOR QUALIFICATIONS (RFQ) NO. 2025-11 FOR CONTINUING GEOTECHNICAL & SURVEYING SERVICES; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Village of Key Biscayne ("Village") issued Request for Qualifications No. 2025-11 ("RFQ") for continuing professional geotechnical and surveying services (the "Services"); and

WHEREAS, nine firms submitted qualifications by the RFQ deadline; and

WHEREAS, on June 24, 2025, an Evaluation Committee appointed by the Village Manager short listed firms and ranked the firms in the following order: 1. KCI Technologies, Inc., 2. Colliers Engineering & Design, Inc., and 3. Longitude Surveyors, LLC (collectively, the "Consultants") as the most qualified firms for the Services; and

WHEREAS, the Village Manager recommends that the Village Council select the Consultants to perform the Services; and

WHEREAS, the Village Council desires to select the Consultants as the most qualified firms for the Services and authorize the Village Manager to negotiate agreements with the Consultants, which agreements shall be presented to the Village Council for approval at a future meeting; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. **Recitals.** That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **Selection.** That the Village Council hereby selects the Consultants for the Services.

Section 3. **Authorization.** That the Village Council hereby authorizes the Village Manager to negotiate agreements with the Consultants for the Services, which agreements shall be presented to the Village Council for approval at a future meeting. If an agreement cannot be reached with the top-ranked Consultants, the Village Manager is authorized to negotiate with the next highest ranked firm until an agreement in the best interest of the Village is reached.

Section 4. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

PROCUREMENT DOCUMENTS LINK

RFQ # 2025-11 Continuing Geotechnical and Survey Services

Below are links to procurement documents for:
(click on each line for document)

1. **Request for Qualifications (RFQ)**
2. **RFQ Addendum No.1**
4. **Bid Tabulation Sheet**
5. **Evaluation Committee Meeting Minutes**
6. **Evaluation Recommendation**
7. **Recommended Proposal – Colliers Engineering & Design Inc.**
8. **Recommended Proposal – KCI Technologies Inc.**
9. **Recommended Proposal – Longitude Surveyors LLC.**
10. **Purchase Requisition – N/A**

Daren Jairam, MBA, MHC
Procurement Officer
djairam@keybiscayne.fl.gov
305-365-7577

Tabulation Sheet

Agency Name Village of Key Biscayne

Bid Number RFQ-2025-11 RFQ-0-2025/dj

Bid Name Continuing Geotechnical and Survey Services

Bid Due Date 05/20/2025 11:30:00 Eastern

Bid Opening **Closed**

9 responses found.

✓ online, offline, ● not submitting, not received

	Company	Responded	Address	Bid Amount	Alt Bid Amount	Declared Attributes	Documents	Sent
Complete								
1 .	Ardaman & Associates, Inc	05/19/2025 13:31:49 Eastern	8008 S Orange Avenue, Orlando, FL, 32809	$0.0000	0.0000		Bid Document	✓
2 .	Colliers Engineering & Design	05/20/2025 11:11:32 Eastern	101 Crawfords Corner Road, Suite 3400, Holmdel, NJ, 07733	$0.0000	0.0000		Bid Document	✓
3 .	KCI Technologies, Inc.	05/19/2025 16:16:24 Eastern	5835 Waterford District Drive, Suite 303, Miami, FL, 33126	$0.0000	0.0000		Bid Document	✓
4 .	Longitude Surveyors, LLC	05/20/2025 11:16:07 Eastern	7700 N. Kendall Drive, Suite 705, Miami, FL, 33156	$0.0000	0.0000	Hispanic Owned, Small Business	Bid Document	✓
5 .	NOVA Engineering & Environmental, LLC	05/20/2025 09:59:46 Eastern	3900 Kennesaw 75 Parkway, Suite 100, Kennesaw, GA, 30144	$0.0000	0.0000		Bid Document	✓
6 .	Premiere Design Solutions, Inc.	05/19/2025 17:52:43 Eastern	11606 City Hall Promenade Ste 200, Miramar, FL, 33025	$0.0000	0.0000		Bid Document	✓
7 .	PSI	05/20/2025 09:10:41 Eastern	7950 NW 64th Street, Miami, FL, 33166	$0.0000	0.0000		Bid Document	✓
8 .	RADISE International, LC	05/20/2025 08:14:56 Eastern	4152 W Blue Heron, Suite 1114, West Palm Beach, FL, 33404	$0.0000	0.0000	Asian/Hawaiian Owned, Small Business, Woman Owned	Bid Document	✓
9 .	WSB, LLC	05/19/2025 15:52:46 Eastern	219 N Newnan Street, 4th Floor, Jacksonville, FL, 32202	$0.0000	0.0000		Bid Document	✓

Docusign Envelope ID: 1C552EC2-F2CE-4017-8D36-3FD2B4174DA7

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: July 24, 2025

TO: Steven Williamson – Village Manager
CC: Benjamin Nussbaum – Village Chief Financial Officer
Jennifer Rodero – Chief of Staff
Christopher Miranda – Public Works Director

FROM: Daren Jairam, Procurement Officer

RE: Procurement Recommendation to Award for RFQ No. 2025-11 – Continuing Geotechnical and Survey Services

RECOMMENDATION

It is recommended the Village Manager negotiate an agreement with **KCI Technologies Inc., Colliers Engineering & Design Inc., and Longitude Surveyors LLC.** the three highest ranked proposals, for Continuing Geotechnical and Survey Services. The proposed agreement will be for a three (3) year term with three (3) optional one-year extensions.

BACKGROUND

In accordance with government procurement best practices, and as part of a larger effort to ensure best value and promote fair and open competition for Village contracts, the decision was made to go out to market for these services.

The Village issued an RFQ (Request for Qualifications) on April 02, 2025. The RFQ was posted to the Village's website and Notice Board, DemandStar and Miami Herald. A non-mandatory pre-conference meeting was held for interested vendors where a bid summary was given.

The RFQ allows potential vendors to submit their best proposal based on specified deliverables, qualifications, experience, and capabilities. Vendors are then ranked to allow the Village the opportunity to negotiate the best and final offer with the highest ranked vendor.

SCOPE OF WORK

The Village intends to select qualified firms to provide geotechnical and survey services. The firms will assist the Village in various public works and infrastructure projects within the Village of Key Biscayne. The selected consultant will provide technical expertise in soil, foundation, and subsurface investigations to support planning, design, and construction activities in full accordance with the specifications, terms and conditions contained in Section 2 of the Request for Qualifications (RFQ).

To qualify for award, prospective Proposers were required to:

A. Meet the objectives set in the RFQ Scope of Services.
B. Licensed professional engineers with geotechnical expertise and surveyors.
C. Have at least five years' experience.

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MISSION STATEMENT: "TO PROVIDE A SAFE, QUALITY COMMUNITY ENVIRONMENT FOR ALL ISLANDERS THROUGH RESPONSIBLE GOVERNMENT."

Docusign Envelope ID: 1C552EC2-F2CE-4017-8D36-3FD2B4174DA7

D. Access to certified laboratories for testing and ability to provide digital mapping and GIS integration.
E. Must be appropriately licensed and in good standing with the Florida Department of Professional Regulation.

EVALUATION AND RANKING PROCESS

On May 20, 2025, nine (9) proposals were received from the following firms:

No.	Proposer	Years Experience	
1.	Ardaman & Associates Inc.	66	
2.	Colliers Engineering & Design Inc.	40	
3	KCI Technologies Inc.	70	
4.	Longitude Surveyors LLC.	21	
5.	NOVA Engineering & Environmental LLC.	28	
6.	Premiere Design Solutions Inc.	17	
7.	Professional Service Industries Inc.	40	
8.	Radise International LLC.	27	
9.	WSB LLC.	30	

The Evaluation Committee comprises the following individuals:

1. Colleen Durfee, CIP and Grants Manager
2. Jeremy Calleros Gauger, BZP Director
3. Roland Samimy, Chief Resilience and Sustainability Officer
4. Saivy Nasser, VKB Engineer
5. Todd Hofferberth, PROS Director

Procurement conducted a thorough due diligence review of the proposals and determined that the nine proposals were deemed responsive, with no material defects identified in the proposals or the qualifications of the proposers. Each proposer is properly licensed and qualified to perform the work, has provided the required certifications and references, and no issues were found indicating that any of the responsive proposers would be incapable of delivering the services.

The Evaluation Committee received the proposals and held its initial meeting on June 24, 2025, to review, discuss, hear presentations, and evaluate the submissions. After thorough discussion, the Committee initially agreed to shortlist four (4) proposals.

Firm	Colleen D.	Jeremy C.	Roland S.	Saivy N.	Todd H.	Total Points	Rank
Colliers Engineering & Design Inc.	1	1	1	1	1	5	1
KCI Technologies Inc.	2	2	2	2	2	10	2
Longitude Surveyors LLC.	4	3	3	3	3	16	3
WSB LLC.	3	4	4	4	4	20	4

Once the presentations were completed members proceeded to score, rank and recommend the top three Proposals for Manager's approval based on the following criteria.

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a. Project Approach – 30 pts.
b. Organizational Profile – 30 pts.
c. Experience and Qualifications – 40 pts.

Committee Member	Colliers Engineering & Design Inc.		KCI Technologies Inc.		Longitude Surveyors LLC.		WSB LLC	
	Scores	Rank	Scores	Rank	Scores	Rank	Scores	Rank
Colleen Durfee	100	1	95	2	85	4	90	3
Jeremy Calleros Gauger	97	2	100	1	92	3	85	4
Roland Samimy	80	2	98	1	75	3	80	2
Saivy Nasser	95	3	100	1	97	2	90	4
Todd Hofferberth	92	1	90	2	89	3	88	4
Total Scores and Ranking	**464**	**9**	**483**	**5**	**438**	**15**	**433**	**17**
Final Ranking	**2**		**1**		**3**		**4**	
	Colliers Engineering & Design Inc.		**KCI Technologies Inc.**		**Longitude Surveyors LLC.**		**WSB LLC**	

Proposers were scored out of 500 points then ranked with no. 1 being most favorable in the following order:

1. KCI Technologies Inc. – 483 points
2. Colliers Engineering & Design Inc. – 464 points
3. Longitude Surveyors LLC. – 438 points

NEGOTIATION PROCEESS

On July 22, 2025, the committee members reviewed the negotiated rates of KCI Technologies Inc., Colliers Engineering & Design Inc., and Longitude Surveyors LLC.

RECOMMENDATION

The Evaluation Committee recommends that the Village Manager approve the proposed hourly rate package and proceed with executing a contract—substantially in the form attached as Exhibit A—with **KCI Technologies Inc., Colliers Engineering & Design Inc., and Longitude Surveyors LLC.**

In the event an agreement cannot be reached with any of the top-ranked Proposers, it is further recommended that the Village Manager terminate negotiations with that firm and proceed with negotiations with the next highest-ranked Proposers until an agreement can be reached.

☒ Concur

☐ Reject

DocuSigned by:
Steven C Williamson
CF5C695978AA42B...
Steven Williamson – Village Manager

7/24/2025
Date

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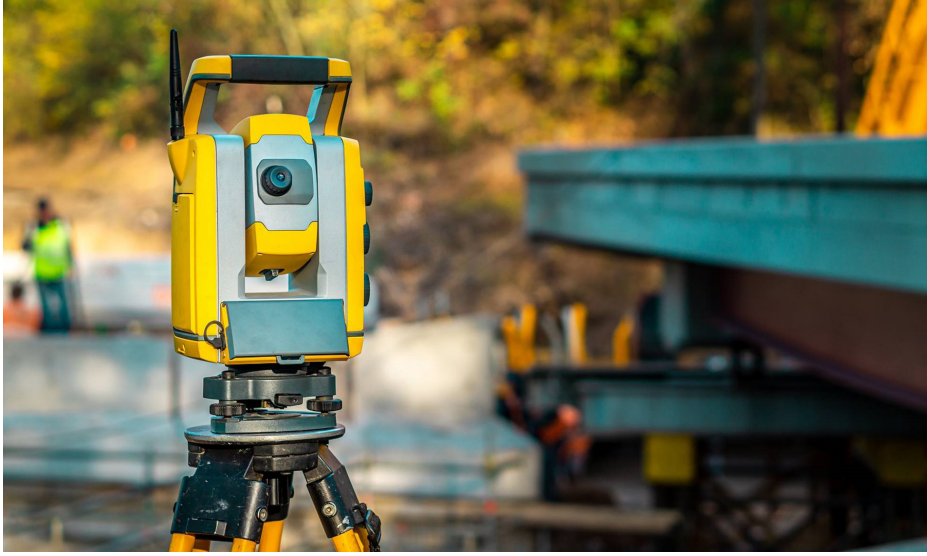





Village of Key Biscayne

Continuing Geotechnical and Survey Services

RFQ # 2025-11 | May 20, 2025

Colliers Engineering & Design, Inc.
7400 Corporate Center Dr, Ste C
Miami, FL 33126
305 392 3190

Proposal Number: 25005636P

Colliers Engineering & Design



KCI

KCI Technologies, Inc.

5835 Waterford District Drive
Suite 303
Miami, FL 33126

Benjamin Hoyle, PSM
954.837.3027 | benjamin.hoyle@kci.com

Village of Key Biscayne

Continuing Geotechnical and Survey Services | RFQ # 2025-11

Village of Key Biscayne

Continuing Geotechnical and Survey Services | RFQ # 2025-11

TAB A - REPRESENTATIONS AND CERTIFICATIONS

KCI



SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- [X] Form 1: Response Checklist
- [X] Form 2: Addendum Acknowledgment
- [X] Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - Form 3B: Certificate of Authority (for Individuals)
- [X] Form 4: Proposer's Statement of Organization
- [X] Form 5: References
- [X] Form 6: Affidavits
  - Form 6A: Single Execution Affidavits
  - Form 6B: Independence Affidavit
  - Form 6C: Non-Collusion Affidavit
- [X] Form 7: Drug Free Workplace
- [X] Form 8: Certification to Accuracy of Proposal
- [X] Form 9: Scrutinized Companies
- [X] Form 10: Public Entity Crimes
- [X] Form 11: Dispute Disclosure
- [X] Form 12: List of Proposed Subcontractors
- [X] Form 16: Insurance and License Certificates

ATTACHMENTS

- [X] A: Sample Contract The sample contract within the RFQ has been reviewed. KCI has no exceptions.
- [X] B: Certificate of Insurance Certificates of Insurance can be found on page 80.



FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
CONTINNUING GEOTECHNICAL AND SURVEY SERVICES
Solicitation No.:
RFQ # 2025-11

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. 1, Dated 5/1/2025
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: KCI Technologies, Inc.

Authorized Representative's Name: James Gellenthin

Title: Vice President

Email: KCI Technologies, Inc.

Address: 5835 Waterford District Drive Suite 303 Miami, FL 33126

Phone Number: 305.477.7667

Authorized Signature: James M. Gellenthin

35



Docusign Envelope ID: 87031CA1-4B7C-4037-841A-5A75D167F99D

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors / Partners of KCI Technologies, Inc. _____ a business existing under the laws of the State of Delaware, (the "Entity") held on November 12, 20 24, the following resolution was duly passed and adopted:

> "RESOLVED, that, James Gellenthin, as Vice President of the Entity, be and is hereby authorized to execute this Proposal dated May 20, 20 25, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this _____ day of _____, 20

Secretary: Signed by: Bayne Smith 301D9788FF154C7... 4/24/2025

Print Name: Bayne Smith

President: DocuSigned by: 960D4530D56C4CF... 4/23/2025

Print Name: Christopher Griffith

Signed by:

SEAL

(Seal)



Not Applicable

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I,_____ ("Affiant") being first duly sworn, deposes and says:

1. I am the _____
   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: _____
   _____ doing
   business as _____, the
   Contractor that has submitted the attached Proposal.
2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.
3. I am authorized to execute the Proposal dated _____, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, , will be the official act and deed of this attestation.

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____
Print Name: _____

Title: _____

ACKNOWLEDGMENT

State of Florida
County of _____

On this _____ day of _____, 20____, before me the undersigned, personally appeared _____, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath



FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   KCI Technologies, Inc.

2. Principal Business Address, Phone and Email Address:
   Address: Corporate Headquarters: 936 Ridgebrook Rd. Sparks, MD 21152
   Phone: (800) 572-7496
   Email Address: benjamin.hoyle@kci.com

3. Principal Contact Person(s):
   Benjamin Hoyle, PSM | 954-837-3027 | benjamin.hoyle@kci.com

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
   S-Corporation
   A. If a corporation, in what state incorporated: Delaware
   B. Date Incorporated: December 15, 1988
   C. Federal ID Number (EIN) 52-1604386
   D. If a joint Venture or Partnership, date of Agreement: N/A
   E. Name and address of all partners (state whether general or limited partnership): KCI is 100% employee-owned.
   F. If other than a corporation or partnership describe, organization and name of principals. N/A

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

   Name **Title**

   On page 8 (a) and 8 (b), you will find the list of KCI's officers and directors, along with proof of their ability to legally bind the proposal.

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFQ Agreement. 70 years

7. List all entities participating in this Agreement (including subcontractors if applicable):

   Name **Address** **Title**

   A. KCI Technologies, Inc. | 5835 Waterford District Drive Suite 303 Miami, FL 33126 | Prime
   B. AREHNA | Engineering, Inc.| 1031 Ives Dairy Rd, Ste. 228, Miami, FL 33179 | Subconsultant
   C. GCME, Inc. | 8300 NW 53rd Street, Suite 350 Doral, FL 33166 | Subconsultant



D. N/A

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. KCI Technologies, Inc. | Surveying
   B. AREHNA | Engineering, Inc.| Geotechnical Engineering
   C. GCME, Inc. | Geotechnical Engineering
   D. N/A

9. County or municipal business tax receipt number (attach copies):
   County: 7564045 (page 8c)
   Municipal: N/A

10. What is the last project of this nature you completed?
    Village of Key Biscayne - Master Island Survey

11. Have you made a site visit? X Yes, _____ No

12. How soon after the award can you begin work? Immediately Days.

13. List any licenses, permits or certifications, etc., you hold for performing this type of work.
    Florida Professional Surveyor and Mapper, FAA Part 107 UAS (Drone) Pilot, Maintenance of Traffic (MOT) - for temporary lane closures, first aid training, OSHA 30, FL Professional Engineering License, Certified Arborist, confined space entry, and UTA Certified Utility Locator

14. How did you hear about the RFQ? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. DemandStar

15. Have you ever failed to complete any work awarded to you?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

16. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

17. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

18. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or



arbitration against any other Florida public entity?
Yes X No ____ **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

22. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

23. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

24. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

25. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

26. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** X **If yes, attach a separate sheet of explanation.**



James M Gellenthin
Signature (Blue ink only)

James Gellenthin
Print Name

Vice President
Title

5/16/2025
Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 16 day of May, 20 25

by James Gellenthin as Vice President
(Name of person acknowledging) *(Title)*

for KCI Technologies, Inc.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced N/A.

(NOTARY SEAL HERE)

TOBI R. BURTON NOTARY PUBLIC MY COMMISSION EXPIRES 3-11-2028 STATE OF FLORIDA COMMISSION NUMBER HH 483666

Tobi Burton
SIGNATURE OF NOTARY PUBLIC

Tobi Burton | HH 483666
PRINT, TYPE/STAMP NAME OF NOTARY



KCI Holdings, Inc. / KCI Technologies, Inc.
2025 Officers and Directors

Title	Employee Name	Date of Current Office	Business Address
Chairman of the Board	Nathan J. Beil**	12/14/2021	936 Ridgebrook Road, Sparks, MD 21152
President/CEO	Christopher J. Griffith**	6/18/2024	936 Ridgebrook Road, Sparks, MD 21152
Senior Vice President, CFO and Treasurer	Christine Y. Koski	6/7/2022	936 Ridgebrook Road, Sparks, MD 21152
Executive Vice President	G. Scott Lang	10/21/2016	936 Ridgebrook Road, Sparks, MD 21152
Executive Vice President - Sector President	Scott Riddle**	12/13/2022	936 Ridgebrook Road, Sparks, MD 21152
Senior Vice President	Garland Galm	11/29/2021	2806 W. Bitters Road, Suite 218, San Antonio, TX 78248
Senior Vice President - Sector President	Bryan Lawson	12/15/2017	150 Kelsey Lane, Tampa, FL 33619
Senior Vice President - Sector President	Gary Mryncza	10/21/2016	500 11th Avenue North, Suite 290, Nashville, TN 37203
Senior Vice President	Barry Schoch	10/31/2017	5001 Louise Drive, Suite 201, Mechanicsburg, PA 17055
Senior Vice President - Corporate Secretary	Bayne Smith	12/15/2017	2160 Satellite Boulevard, Suite 130, Duluth, GA 30097
Vice President	Joseph Acosta	10/22/2024	218 W40th Street, 8th Floor, New York, NY 10018
Vice President	Laurie Arensdorf	5/19/2015	4800 Falls of Neuse Road, Suite 200, Raleigh, NC 27609
Vice President	John Armeni	2/17/2023	2160 Satellite Boulevard, Suite 130, Duluth, GA 30097
Vice President	Robert Atkinson	8/21/2018	3014 Southcross Boulevard, Rock Hill, SC 29730
Vice President	Marty Ayres	8/16/2022	5301 Nottingham Drive, Suite 110, Nottingham, MD 21236
Vice President	Nicholas Barrick	12/15/2020	11830 West Market Place, Suite F, Fulton, MD 20759
Vice President	Gerard Bartucci	10/22/2024	530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
Vice President	Jeremy Billing	10/22/2024	530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
Vice President	Dawson Bloom	10/22/2024	530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
Vice President	Peter Bourne	8/21/2018	600 White Clay Center Drive, Suite 200, Newark, DE 19711
Vice President	Kerrie Boyette	8/24/2023	2160 Satellite Boulevard, Suite 130, Duluth, GA 30097
Vice President	Mehmet Boz**	6/19/2018	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Michael Burcham	6/3/2014	600 White Clay Center Drive, Suite 200, Newark, DE 19711
Vice President	Eric Burgess	6/6/2017	3014 Southcross Boulevard, Rock Hill SC 29730
Vice President	Christopher Clements	8/20/2024	2806 W. Bitters Road, Suite 218, San Antonio, TX 78248
Vice President	Brian Crowell	12/12/2023	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Shawn Davis	12/14/2021	3014 Southcross Boulevard, Rock Hill, SC 29730
Vice President	Casey Dellar	8/24/2023	5001 Louise Drive, Suite 201, Mechanicsburg, PA 17055
Vice President	David DePratter	8/20/2024	101 North Pine Street, Suite 410, Spartanburg SC 29302
Vice President	James Deriu	10/17/2016	936 Ridgebrook Road, Sparks, MD 21152
Vice President	David Eberspeaker	5/19/2015	3014 Southcross Boulevard, Rock Hill, SC 29730
Vice President	James Fitz Morris	6/6/2017	9711 Southern Pine Boulevard, Suite A, Charlotte NC 28273
Vice President	Erick Fry	12/12/2017	2160 Satellite Boulevard, Suite 130, Duluth, GA 30097
Vice President	Adam Gardner	10/17/2016	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Kyle Gass	11/29/2021	2806 W. Bitters Road, Suite 218, San Antonio, TX 78248
Vice President	James Gellenthin	2/9/2015	4800 Falls of Neuse Road, Suite 200, Raleigh, NC 27609
Vice President	William Gorlin	10/22/2024	530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
Vice President	Dawn Green	11/29/2021	2806 W. Bitters Road, Suite 218, San Antonio, TX 78248
Vice President	Heidi Hammel	12/10/2019	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Dustin Henry	12/10/2024	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Matthew Hulcher	12/10/2024	11830 West Market Place, Suite F, Fulton, MD 20759
Vice President	Wes Hulsey	6/26/2020	106 Clair Drive, Piedmont, SC 29673
Vice President	Joel Keels	10/30/2007	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Brendan Kelly	10/22/2024	218 W40th Street, 8th Floor, New York, NY 10018
Vice President	Gul Khan	10/22/2024	530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
Vice President	Dana Knight	2/6/2018	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Jeffrey Knueppel	8/16/2022	211 Welsh Pool Road, Suite 240, Exton, PA 19341
Vice President	Jim Lofft	12/10/2019	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Jaime Lopez	9/5/2023	5835 Blue Lagoon Drive, Suite 303, Miami, FL 33126
Vice President	Will Lyman	8/24/2023	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Robert Macoy	10/17/2016	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Eric Martz	12/10/2024	5001 Louise Drive, Suite 201, Mechanicsburg, PA 17055
Vice President	David McLaren	10/22/2024	601 E Pratt Street, Suite 302, Baltimore, MD 21202
Vice President	Malcolm McLaren	10/22/2024	530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
Vice President	Jared Medlin	8/20/2024	3014 Southcross Boulevard, Rock Hill SC 29730
Vice President	Christopher Mielke	12/10/2024	4800 Falls of Neuse Road, Suite 200, Raleigh, NC 27609
Vice President	Arch Noha	8/21/2018	5301 Nottingham Drive, Suite 110, Nottingham, MD 21236
Vice President	John O'Neill	6/18/2024	936 Ridgebrook Road, Sparks, MD 21152



KCI Holdings, Inc. / KCI Technologies, Inc.
2025 Officers and Directors

Title	Employee Name	Date of Current Office	Business Address
Vice President	Seth Parlier	12/10/2024	9711 Southern Pine Boulevard, Suite A, Charlotte NC 28273
Vice President	George Peck	11/29/2021	2806 W. Bitters Road, Suite 218, San Antonio, TX 78248
Vice President	George Perdikakis	5/26/2009	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Nadia Pimentel	8/20/2024	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Randell Prescott	12/10/2019	150 Kelsey Lane, Tampa, FL 33619
Vice President	Sonal Ram	1/15/2024	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Bruce Reed	12/13/2022	1425 W Cypress Creek Rd, Suite 101, Ft Lauderdale, FL 33309
Vice President	Adam Rickey	8/21/2018	936 Ridgebrook Road, Sparks, MD 21152
Vice President - Sector President	Jeanne Ruthloff**	2/23/2021	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Randy Seaver	12/15/2020	2610 Rochester Road, Cranberry Township, PA 16066
Vice President	Jon Skinner	10/22/2024	530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
Vice President	Andrew Smith	2/6/2018	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Adam Spiller	8/16/2022	4800 Falls of Neuse Road, Suite 200, Raleigh, NC 27609
Vice President	Scott Stockburger	10/17/2016	5021 Lakawana Street, Suite 501, Dallas, TX 75247
Vice President	William Tuggle	12/12/2023	851 Trafalgar Court, Suite 320W, Maitland, FL 32751
Vice President	John Walsh	12/14/2021	9711 Southern Pine Boulevard, Suite A, Charlotte, NC 28273
Vice President	Mary C. Wiedorfer	12/17/2013	122 C Street, NW, Suite 500, Washington, DC 20001
Vice President	Melissa Wilcox	12/10/2024	936 Ridgebrook Road, Sparks, MD 21152
Vice President	Steve Woerner	6/18/2024	11830 West Market Place, Suite F, Fulton, MD 20759
Director	Becky Padilla**	12/12/2023	1425 W Cypress Creek Rd, Suite 101, Ft Lauderdale, FL 33309
Director	Jason Hardebeck**	12/10/2024	936 Ridgebrook Road, Sparks, MD 21152
Director	William Jews**	12/15/2009	936 Ridgebrook Road, Sparks, MD 21152
Director	Barnie Beasley**	12/10/2019	936 Ridgebrook Road, Sparks, MD 21152
Director	Courtney Beamon**	12/10/2019	936 Ridgebrook Road, Sparks, MD 21152

** Member of Board of Directors

Notes:
Term of office for Directors is one-year and are appointed or re-appointed and elected by Trustees at their Annual Stockholders Meeting every December.
Term of office for Officers is “perpetual” until change of status as determined by Board of Directors or when employment is terminated.

State of Incorporation: Delaware
FEIN #52-1604386
Date of Incorporation: 12/15/88

Revised 3/26/2025



Local Business Tax Receipt

Miami–Dade County, State of Florida
–THIS IS NOT A BILL – DO NOT PAY

LBT

7275885

RECEIPT NO.
RENEWAL
7564045

EXPIRES
SEPTEMBER 30, 2025
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

BUSINESS NAME/LOCATION
KCI TECHNOLOGIES INC
5835 BLUE LAGOON DR STE 303

MIAMI, FL 33126-2061

OWNER
KCI TECHNOLOGIES INC

SEC. **TYPE OF BUSINESS**
212 P.A./CORP/PARTNERSHIP/FIRM

Employee(s) 9

CA4898

PAYMENT RECEIVED BY TAX COLLECTOR
75.00 09/06/2024
PTBTC-24-002582

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector



Explanation for question number 19:

• Victor Hans Santillana v. State of Florida Department of Transportation / Asphalt Group, Inc. / KCI Technologies, Inc. Case No: 2023-CA-000688-0001-XX Jurisdiction: Circuit Court of the 20th Judicial Circuit, Collier County, Florida Opened: September 2023 Closed: March 2024 – Settled

Plaintiff crashed his motorcycle as he changed lanes from one lane that had been milled for repaving and the other lane that had not yet been milled. KCI was performing inspection services on behalf of the Florida Department of Transportation for the repaving project.



FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company: Village of Key Biscayne

Reference Contact Name: Roland Samimy

Contact Title: Chief Resilience and Sustainability Officer

Contact Telephone: 305.365.8908

Contact Email: rsamimy@keybiscayne.fl.gov

Contract Start Date: 1/2021 **Contract End Date:** Continuing Services Contract to end in 6/2025

REFERENCE #2

Name of Company: City of Riviera Beach

Reference Contact Name: Terrence Bailey

Contact Title: Director of Public Works

Contact Telephone: 561.845.3472

Contact Email: tbailey@rivierabeach.org

Contract Start Date: 1/2014 **Contract End Date:** Ongoing

REFERENCE #3

Name of Company: AECOM

Reference Contact Name: Erik Alcantara

Contact Title: Client Service Manager/Sr. PM

Contact Telephone: 305.444.4691

Contact Email: erik.alcantara@aecom.com

Contract Start Date: 12/2023 **Contract End Date:** 5/2024



REFERENCE #4

Name of Company: City of Miami

Reference Contact Name: Ricardo Rodriguez

Contact Title: Construction Coordinator

Contact Telephone: 305.416.1317

Contact Email: rrodriguez@miamigov.com

Contract Start Date: 1/2013 **Contract End Date:** Ongoing

REFERENCE #5

Name of Company: City of Aventura

Reference Contact Name: Jake Ozyman

Contact Title: Public Works/Transportation Director

Contact Telephone: 305.466.8970

Contact Email: jozyman@cityofaventura.com

Contract Start Date: 7/2024 **Contract End Date:** Ongoing



FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: James Gellenthin

For (Name of Proposing or Bidding Entity): KCI Technologies, Inc.

Whose business address is: 5835 Waterford District Drive Suite 303 Miami, FL 33126

And (if applicable) its Federal Employer Identification Number (FEIN) is: 52-1604386

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#: N/A)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

Proposer Initials



Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[X] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,



or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

_____
Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

_____
Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described



restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

_____
Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

_____
Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized



Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

_____
Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFQ # 2025-11 CONTINNUING GEOTECHNICAL AND SURVEY SERVICES** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

_____
Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

_____
Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page



In the presence of:

Witness #1 Print Name: Bejamin Hoyle

Witness #2 Print Name: Admarines Colón

Signed, sealed and delivered by:

Print Name: James Gellenthin

Title: Vice President

ACKNOWLEDGMENT

State of Florida

County of Hillsborough

On this 16 day of May, 20 25, before me the undersigned, personally appeared James Gellenthin, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

TOBI R. BURTON NOTARY PUBLIC MY COMMISSION EXPIRES 3-11-2028 STATE OF FLORIDA COMMISSION NUMBER HH 483666

Tobi Burton | HH 483666

Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or

N/A Produced identification (Type of Identification:_____)

X Did take an oath; or

N/A Did not take an oath



FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am James Gellenthin, Vice President of KCI Technologies, Inc., the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None



Signature (Blue ink only)

James Gellenthin

Print Name

Vice President

Title

5/16/2025

Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 16 day of May, 2025,

by James Gellenthin as Vice President

(Name of person acknowledging) *(Title)*

for KCI Technologies, Inc..

(Company name)

Personally known to me X or has produced Identification _____, type of identification produced N/A.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

TOBI R. BURTON NOTARY PUBLIC MY COMMISSION EXPIRES 3-11-2028 STATE OF FLORIDA COMMISSION NUMBER HH 483666

Tobi Burton | HH 483666

PRINT, TYPE/STAMP NAME OF NOTAR



FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Vice President of KCI Technologies, Inc., proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFQ is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.



James M. Gellenthin
Signature (Blue ink only)

James Gellenthin
Print Name

Vice President
Title

5/16/2025
Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 16 day of May, 2025

by James Gellenthin as Vice President
(Name of person acknowledging) *(Title)*

for KCI Technologies, Inc.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced N/A.

(NOTARY SEAL HERE)

TOBI R. BURTON NOTARY PUBLIC MY COMMISSION EXPIRES 3-11-2028 STATE OF FLORIDA COMMISSION NUMBER HH 483666

Tobi R Burton
SIGNATURE OF NOTARY PUBLIC

Tobi Burton | HH 483666
PRINT, TYPE/STAMP NAME OF NOTARY



FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that KCI Technologies, Inc. does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFQ document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFQ or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.



Signature (Blue ink only)

James Gellenthin

Print Name

Vice President

Title

5/16/2025

Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 16 day of May, 2025

by James Gellenthin as Vice President

(Name of person acknowledging) *(Title)*

for KCI Technologies, Inc.

(Company name)

Personally known to me X or has produced Identification _____, type of identification produced N/A.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

TOBI R. BURTON NOTARY PUBLIC MY COMMISSION EXPIRES 3-11-2028 STATE OF FLORIDA COMMISSION NUMBER HH 483666

Tobi Burton | HH 483666

PRINT, TYPE/STAMP NAME OF NOTARY



FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFQ and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the RFQ and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is James Gellenthin of KCI Technologies, Inc., the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 16 day of May, 2025

by James Gellenthin as Vice President
(Name of person acknowledging) *(Title)*

for KCI Technologies, Inc.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced N/A.

(NOTARY SEAL HERE)

TOBI R. BURTON NOTARY PUBLIC MY COMMISSION EXPIRES 3-11-2028 STATE OF FLORIDA COMMISSION NUMBER HH 483666

Tobi Burton

SIGNATURE OF NOTARY PUBLIC

Tobi Burton | HH 483666

PRINT, TYPE/STAMP NAME OF NOTARY



FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

James M Gellenthin
Signature (Blue ink only)

James Gellenthin
Print Name

Vice President
Title

5/16/2025
Date

STATE OF Florida)
COUNTY OF Hillsborough)
The foregoing instrument was acknowledged before me this 16 day of May, 2025
by James Gellenthin as Vice President
(Name of person acknowledging) *(Title)*
for KCI Technologies, Inc.
(Company name)
Personally known to me X or has produced Identification _____, type of identification produced N/A.

(NOTARY SEAL HERE)

TOBI R. BURTON NOTARY PUBLIC MY COMMISSION EXPIRES 3-11-2028 STATE OF FLORIDA COMMISSION NUMBER HH 483666

Tobi Burton
SIGNATURE OF NOTARY PUBLIC

Tobi Burton | HH 483666
PRINT, TYPE/STAMP NAME OF NOTARY



FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. RFQ # 2025-11

2. This sworn statement is submitted by: KCI Technologies, Inc.
(name of entity submitting sworn statement)

whose business address is: 5835 Waterford District Drive Suite 303 Miami, FL 33126

Federal Identification Number (FEIN) is: 52-1604386
(if applicable)

Social Security Number: N/A

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: James Gellenthin
(print name of individual signing this document)

and my relationship to the entity is: Vice President

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:

(a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or

(b) An entity under the control of any natural person who is active in the



management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, share holders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. __X__Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

      1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

      3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of



General Services)

James M Gellenthin
Signature

5/16/2025
Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 16 day of May, 2025

by James Gellenthin as Vice President

(Name of person acknowledging) *(Title)*

for KCI Technologies, Inc.

(Company name)

Personally known to me X or has produced Identification _____, type of identification produced N/A.

(NOTARY SEAL HERE)

TOBI R. BURTON NOTARY PUBLIC MY COMMISSION EXPIRES 3-11-2028 STATE OF FLORIDA COMMISSION NUMBER HH 483666

Tobi R Burton
SIGNATURE OF NOTARY PUBLIC

Tobi Burton | HH 483666
PRINT, TYPE/STAMP NAME OF NOTARY



FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO ____X____

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES ____X____ NO _____

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES ____X____ NO _____

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: KCI Technologies, Inc.

Authorized Signature: _____

Print or Type Name: James Gellenthin

Title: Vice President

Date: 5/16/2025



Explanation for question number 2:

To date, KCI has knowledge of three circumstances in which our contract was terminated for convenience. One contract was terminated because the owner's right-of-way (ROW) requirements did not align with the design requirements. The owner and KCI separated without formal dispute, and the owner proceeded with the project with a different consultant. A second contract was terminated shortly after KCI acquired a firm in litigation. The last known instance of contract termination occurred when the owner discontinued the project due to changes in Federal regulations related to compliance with the Clean Water Act, which required additional work that would increase both design and construction costs.



Explanation for question number 3:

Please find attached KCI's 5-year Litigation Summary.

5 YEAR LITIGATION SUMMARY – OPEN AND CLOSED
PROFESSIONAL LIABILITY

- **Henley on the Hudson Condominium Association, Inc. v. LR Port Imperial South BB, LLC / M.G. McLaren Engineering and Land Surveying, P.C. / et al.** ***(over 190 defendants)***
  Case No: 2118-18
  Jurisdiction: New Jersey Superior Court, Hudson County
  Opened: August 2019
  Closed: June 2020 – Stipulated Dismissal

  Plaintiff alleged the defendants were negligent in the planning, design, construction, ownership, and maintenance of a newly constructed residential building, which resulted in settlement and cracks throughout the building.

- **Azimut Benetti S.P.A v. F.C. Marine Service, Inc. / James F. Capalino Associates, Inc. / M.G. McLaren Engineering and Land Surveying, P.C.**
  Case No: 656239/2019
  Jurisdiction: Supreme Court of the State of New York, New York County
  Opened: October 2019
  Closed: June 2020 - Discontinued

  Plaintiff alleged that the defendants failed to timely determine temporary removal of power lines and traffic devices so that Plaintiff could transport via tractor trailer an oversized yacht to Times Square for display.

- **ICG 16th Street Associates LLC Asserts Claim against KCI Technologies, Inc.**
  Case No: 17-CV-1070 (CRC)
  Jurisdiction: U.S. District Court, District of Columbia
  Opened: January 2015
  Closed: August 2020 – Settled

  This was a property claim dispute in which ICG alleged that a neighboring property (owned by an affiliate of ICG) was encroaching onto their property by more than the original KCI prepared survey showed. ICG claimed there was a defect caused by an error in the survey done by KCI.

- **Chasity Jackson & Chris Jackson, et al vs. Metropolitan Government of Nashville & Davidson County, Tennessee / KCI Technologies, Inc. / Stansell Electric Company**
  Case No: 19C-725
  Jurisdiction: Circuit Court of Davidson County Twentieth Judicial District of Tennessee, Twentieth Judicial District of Tennessee
  Opened: February 2020
  Closed: November 2020 – Settled

  Chasity Jackson passed through an intersection and her car ran over the edge of a concrete median that had been recently constructed. The island was alleged to not have been constructed in accordance with KCI's design.

As of April 2025



- **Ronald Thomas and Tamara Thomas vs. South Carolina Department of Transportation, et al**
  Case No: 2019CP3201072
  Jurisdiction: State of South Carolina, County of Lexington
  Opened: November 2020
  Closed: January 2021 – Dismissed

  The claim alleged personal injury resulting from a failure to maintain the project site in a safe condition. The Plaintiffs were driving their motorcycle in a construction zone on May 19, 2017. The allegation was that while changing lanes, the Plaintiffs struck uneven payment causing them to lose control of the motorcycle and wreck. KCI was hired by SCDOT to perform inspection services.

- **Jesco, Inc. vs. KCI Technologies, Inc.**
  Case No: C-08-CV-18-001151
  Jurisdiction: Circuit Court for Charles County, Maryland
  Opened: November 2018
  Closed: February 2021 – Settled

  Jesco entered into an agreement to purchase a property with the intent of constructing a two-story commercial building, parking areas, and access roads. KCI performed limited geotechnical investigations for Jesco. Based on KCI's findings, Jesco purchased the property. Jesco claimed there were defects and faults in the report and that Jesco incurred losses, costs and expenses as a result.

- **Veronica Hamel v. Hudson Scenic Studio / Old Vic Theater Company (The Cut) Limited / Kevin Byrne Architects, P.C. / The Lighting Syndicate, LLC / Elite Production Consult / McLaren Engineering Group / Jordan Sherin, Mimi / Laing, Stewart / Old Vic Theatre / The City Of New York / Seventh Regiment Armory Conservancy, Inc. / Park Avenue Armory**
  Case No: 34573/2018E
  Jurisdiction: Supreme Court of New York County
  Opened: October 2017
  Closed: March 2021 – Dismissed

  Plaintiff alleged she tripped and fell walking off the stage while performing in the show, "The Hairy Ape." Plaintiff alleged that a handrail was required for the stage and that McLaren Engineering Group should have designed the stage with a handrail.

- **Jennifer Nicole Moon, Individually and as Administrator of the Estate of Gregory Moon, Deceased, et al vs. Pittman Construction Company / Middle Georgia Paving, Inc / KCI Technologies, Inc. / Georgia Department of Transportation**
  Case No: 20CV0399
  Jurisdiction: Superior Court of Jackson County, Georgia
  Opened: June 2020
  Closed: November 2021 – Settled

As of April 2025

The claim alleged wrongful death of Gregory Moon who was driving his motorcycle through a construction zone in the early morning of June 7, 2018. When attempting to change lanes, Mr. Moon's motorcycle allegedly hit steep uneven pavement causing him to lose control. Mr. Moon later succumbed to his injuries. KCI was hired by GDOT to perform inspection and supervisory work on this paving project.

- **George Powell vs. City of San Marcos / 2202 Hunter Road Inv. LP / Don Durden, Inc., DBA Civil Engineering Consultants (CEC)**
  Case No: 19-3078
  Jurisdiction: San Marcos, Texas
  Opened: April 2020
  Closed: December 2022 – Settled

  This claim alleged negligence on the part of CEC as well as the other defendants. Plaintiff claimed the design of a detention pond caused flooding and damage to his property.

- **Susan Galloway, Personal Representative of the Estate of William Andrew Galloway, Deceased vs. Blythe Construction, Inc. / Stay Alert Safety Services, Inc. / South Carolina Department of Transportation / KCI Technologies, Inc. / Infrastructure Consulting & Engineering**
  Case No: 2019-CP-42-04336
  Jurisdiction: State of South Carolina, County of Spartanburg
  Opened: December 2020
  Closed: January 2023 – Dismissed

  The claim was based on a fatal car accident that occurred on December14, 2017, whereby Mr. Galloway was allegedly unaware that traffic was stopped ahead and unable to avoid colliding with a vehicle stopped directly ahead of him. KCI was performing inspection services under a contract with South Carolina Department of Transportation.

- **Richard A. Brinkley v. Sheldon Miner / KCI Technologies, Inc.**
  Case No: N21C-11-115 VLM
  Jurisdiction: In the Superior Court of the State of Delaware
  Opened: April 2022
  Closed: June 2023 – Dismissed

  Plaintiff was an employee of Mumford and Miller Concrete, Inc., working at a project site when he was allegedly struck by a vehicle driven by Sheldon Miner on December 17, 2019. KCI was hired by DelDOT to perform inspection services.

- **Shelton Powell v. Sheldon Miner / Mumford and Miller Concrete, Inc. / KCI Technologies, Inc.**
  Case No: N20C-12-149 MMJ
  Jurisdiction: In the Superior Court of the State of Delaware
  Opened: November 2021
  Closed: July 2023 – Motion for Summary Judgment granted

As of April 2025



Plaintiff was a passenger in a vehicle traveling through a construction zone on December 17, 2019. The vehicle allegedly drove through mud on the road causing the vehicle to crash, thereby, injuring the passenger. KCI was hired by DelDOT to perform inspection services.

- **Edward Zambito and Linda Zambito, both Individually and as the Co-Executors of the Estate of Allie Rose Zambito, Deceased vs. A-Del Construction Co, Inc. / Jonas Stoltzfus t/a Stoltzfus Meats & Deli / Neal Toros / KCI Technologies, Inc.**
  Case No: 210600429
  Jurisdiction: Court of Common Pleas Philadelphia County
  Opened: November 2021
  Closed: August 2023 – Dismissed

  The claim was based on a fatal accident that occurred when a pedestrian was attempting to cross at an intersection under construction in the evening on June 21, 2019. The intersection did not have a sidewalk and construction barriers were in place. KCI was hired by DelDOT to perform inspection services.

- **1000 Avenue at Port Imperial Condominium Association, Inc. v. UST Lennar PIS 10 / McLaren Engineering Group / et al.** ***(over 60 defendants)***
  Case No: HUD-L-002206-18
  Jurisdiction: New Jersey Superior Court, Hudson County
  Opened: November 2018
  Closed: November 2023 – Stipulated Dismissal

  Plaintiff alleged the defendants were negligent in the planning, design, construction, ownership, and maintenance of a newly constructed residential building, which resulted in settlement and cracks throughout the building.

- **Michael Wilz and Lorraine Wilz v. Stadium Casino RE, LLC / Bower Lewis Thrower Architects, Ltd. / Gilbane Building Company / JPC Group, Inc. / McLaren Technical Services, Inc. / Synterra Ltd. / Stadium Casino, LLC**
  Case No: 21-CV-4663
  Jurisdiction: U.S. District Court, Eastern District of Pennsylvania
  Opened: September 2022
  Closed: November 2023 - Settled

  Plaintiff alleged that the sidewalk curb at Stadium Casino was improperly designed, constructed and maintained by the various defendants, which caused Mr. Wilz to trip and fall.

- **Victor Hans Santillana v. State of Florida Department of Transportation / Asphalt Group, Inc. / KCI Technologies, Inc.**
  Case No: 2023-CA-000688-0001-XX
  Jurisdiction: Circuit Court of the 20th Judicial Circuit, Collier County, Florida
  Opened: September 2023
  Closed: March 2024 – Settled

  Plaintiff crashed his motorcycle as he changed lanes from one lane that had been milled for

repaving and the other lane that had not yet been milled. KCI was performing inspection services on behalf of the Florida Department of Transportation for the repaving project.

- **Jennifer Ferrante v. Live Hotel Casino Philadelphia / McLaren Technical Services, Inc. / et al.** ***(over 25 defendants)***
  Case No: 220602221
  Jurisdiction: Court of Common Pleas, Philadelphia County
  Opened: June 2022
  Closed: April 2024 - Settled

  Plaintiff alleged that she slipped and fell on a sidewalk curb which was caused by the various defendants' failure to design, construct and maintain the subject sidewalk curb.

- **Arthur Lee Adams, Jr. as Personal Representative of the Estate of Pamela Adams Powell v. SC DOT / Zachary Construction Corp. / Michael Baker International, Inc. / KCI / et al.**
  Case No: C.A. No: 2022-CP-32-00121
  Jurisdiction: State of South Carolina, County of Lexington
  Opened: February 2023
  Closed: April 2024 - Settled

  This litigation involves a fatality on I-20 when a car was traveling on the shoulder of the highway as part of the maintenance of traffic pattern and a tree fell on the car during a high wind event. The accident occurred within the limits of the I-20 widening project and KCI was providing construction engineering and inspection services.

- **Alexander D. Kunkel vs. Alexander D. Kunkel vs. J.D. Eckman, Inc. / Ford Motor Company / Meaghan Peltier / Robert Talia / Established Traffic Control, Inc. / KCI Technologies, Inc. / Brian Leslie Watkins, PE / Pennsylvania Department of Transportation (PENNDOT) / Bridgestone Americas, Inc.**
  Case No: 2020-00200
  Jurisdiction: Court of Common of Bucks County, Pennsylvania
  Opened: November 2018
  Closed: July 2024 – Settled

  Plaintiff was a passenger in a car with six other occupants and half of the passengers were not wearing seatbelts. The driver wrecked the vehicle within a construction zone and the vehicle overturned and landed on the roof. KCI designed the maintenance of traffic for the work zone. In the criminal case, the driver plead guilty to recklessly endangering another person in addition to other related offenses.

- **17-25 North Main Street, LLC v. G&S Port Chester Unit 2B, LLC / RMC Development Company, LLC / Kings Capital Construction Group, Inc. / D.S. Meyer Enterprises, LLC / Sullivan Architectural Group, P.C. / Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C / M.G. McLaren, P.C. d/b/a McLaren Engineering Group / Boswell Engineering, Inc.**
  Case No: 72055/2023

As of April 2025



Jurisdiction: Supreme Court of the State of New York, Westchester County
Opened: January 2024
Closed: February 2025 – Settled

Plaintiff alleged that its building sustained damage as a result of the negligent design, oversight, and construction on the lot adjacent to Plaintiff's building.

- **Crystal City Independent School District ("School District") v. Pfluger Architects, Inc. d/b/a Pfluger Associates, L.P. / Persyn Engineering, Inc., d/b/a Persyn Engineering / Don Durden, Inc. d/b/a Civil Engineering Consultants ("CEC") / Bartlett Cocke General Contractors, LLC d/b/a Bartlett Cocke General Contractors**
  Case No: 24-12-15531-ZCV
  Jurisdiction: State of Texas, District Court, 365th Judicial District
  Opened: December 2024
  Closed: February 2025 – Settled

  The defendants are the construction and design teams contracted by the School District to design and then construct additions to Crystal City High School, Sterling Fly Junior High School, and Benito Juarez Middle School, located in Crystal City, Texas. CEC was contracted to prepare civil engineering drawings and specifications and to perform construction administration services for site grading and site drainage. The School District alleges the CEC is responsible for water seepage and draining water flowing into buildings and resulting damage to the interior finishes and contents of the buildings.

- **Richard Gleason and Mary Gleason v. The County of Putnam / McLaren Engineering Group / Town of Carmel / John & Jane Does 1-20**
  Case No: 7:23-cv-04464-NSR-VR
  Jurisdiction: U.S. District Court, Southern District of New York
  Opened: May 2023
  Closed: March 2025 – Voluntary Dismissal

  A temporary detour was required as part of a bridge replacement project and the detour went through Plaintiffs' neighborhood. Plaintiffs allege that as octogenarians their rights were violated under the Americans with Disabilities Act by the County of Putnam and McLaren Engineering Group, because the increased traffic caused by the temporary detour through their street restricted their ability to enter/exit their driveway. In addition, Plaintiffs are claiming they could not walk on their street, because they could have been injured by the increased traffic.

- **Barbara Foley v. The City of New York / The New York City department of Parks and Recreation / Site Specialists Ltd. / M.G. McLaren Engineering and Land Surveying, P.C.**
  Case No: 704065/2022
  Jurisdiction: Supreme Court of the State of New York, Queens County
  Opened: February 2022
  Closed: Ongoing

  Plaintiff alleges she was injured at a NYC public park located at 107-10 Shore Front Parkway,



Queens, NY as a result of the failure to design, construct and maintain the park.

- **UC Athletic, LLC v. McMillan Pazdan Smith, LLC / KCI Associates of North Carolina, P.A.**
  Case No: 2021-CP-46-02683
  Jurisdiction: State of South Carolina, County of York
  Opened: September 2022
  Closed: Ongoing

  Plaintiff is a developer who hired the architect to design a new a multipurpose building and athletic center. The architect contracted with KCI for certain structural design services. Plaintiff alleges a breach of duty of care and implied warranty against KCI.

- **Avora at Port Imperial Condominium Association, Inc. v. LS-NJ Port Imperial, LLC / McLaren Engineering Group / et al.** ***(over 30 defendants)***
  Case No: HUD-L-2172-23
  Jurisdiction: New Jersey Superior Court, Hudson County
  Opened: June 2023
  Closed: Ongoing

  Plaintiff alleges defects in design and construction of the condominium complex in New Jersey.

- **Novanetto, LLC dba Prose Nails Riverwalk / Dolores Novak / Andrea Fascinetto v. R Jordan Design Group, LLC dba The Jordan Group / KCI Technologies, Inc. / Jack Laurence Corporation**
  Case No: 2023CI21293
  Jurisdiction: 57th District Court, Bexar County, Texas
  Opened: October 2023
  Closed: Ongoing

  Plaintiff is a tenant of a building and hired an interior design firm for the design of the leased space where a nail salon was to be located. The interior design firm subcontracted with KCI for certain mechanical engineering and design services. Plaintiff alleges negligence in the provision of mechanical engineering duties.

- **Estate of Widmann, Jr. and David J. Widmann, Sr. v. Rondell Bradley / PennDOT / Bristol Township / URS Corporation / AECOM Technical Services, Inc. / KCI Technologies, Inc.**
  Case No: 2022-05562
  Jurisdiction: Court of Common Pleas of Buck County, Pennsylvania
  Opened: December 2023
  Closed: Ongoing

  This litigation involves a 2022 motorcycle crash on Bristol Pike in Bristol, PA. The crash occurred when the driver of an SUV turned left and struck the motorcycle traveling toward him. Bristol Pike underwent reconstruction in the vicinity of the accident between 2013 and



2016, and KCI was a subconsultant to URS Corporation (now AECOM) as part of the design of the project.

- **Matthew P. Pinckney v. Tommy W. Welch dba Tommy Welch Livestock / Tommy Bradley Welch dba TBW Cattle / Cary A. Fields / South Carolina Department of Transportation / Blythe Construction, Inc. / Zachry Construction Corporation / Blythe Construction Inc. - Zachry Construction Corporation, a Joint Venture / KCI Technologies, Inc. / Infrastructure, Consulting & Engineering, PLLC / Johnson, Mirmiran and Thompson, Inc.**
  Case No: 2023-CP-11-00031
  Jurisdiction: State of South Carolina, Court of Common Pleas for the Seventh Judicial Circuit
  Opened: February 2024
  Closed: Ongoing

  The litigation is based on a car crash that occurred on March 3, 2021, whereby Plaintiff was stopped in traffic and struck from behind by a tractor trailer within the construction zone of the I-85 widening project. KCI was performing inspection services under a contract with South Carolina Department of Transportation.

- **Steven Pisani v. The City of New York / South Street Seaport Limited Partnership / The Howard Hughes Corporation / Hunter Roberts Construction Group, LLC / M.G. McLaren Engineering and Land Surveying, P.C.**
  Case No: 156735/2022
  Jurisdiction: Supreme Court of the State of New York, County of New York
  Opened: March 2024
  Closed: Ongoing

  Plaintiff alleges that he was injured descending an interior staircase in the building located in New York, New York ("Building"). Plaintiff alleges that while he was performing work on behalf of New York City Economic Development the subject staircase gave way and Plaintiff stepped through a tread of the staircase and fell. The Building was condemned, not habitable and in the process of being demolished. McLaren had surveyed the Building and had identified that the building was not habitable and was in a hazardous condition and in danger of collapsing. Both Pisani and his employer were aware of the condition.

As of April 2025



FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
1.	AREHNA	Engineering, Inc.| 1031 Ives Dairy Rd, Ste. 228, Miami, FL 33179	Geotechnical	28410
2.	GCME, Inc.	8300 NW 53rd Street, Suite 350 Doral, FL 33166	Geotechnical	9076

Firm: KCI Technologies, Inc.

Authorized Signature: James M Gellenthin

Print or Type Name: James Gellenthin

Title: Vice President

Date: 5/16/2025

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FORM 13A – N/A

FORM 13B – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

PROPOSER'S REPRESENTATION

CONTINNUING GEOTECHNICAL AND SURVEY SERVICES

Proposal of KCI Technologies, Inc.

(Name)

5835 Waterford District Drive Suite 303 Miami, FL 33126

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

CONTINNUING GEOTECHNICAL AND SURVEY SERVICES
("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements



and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.
The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No. N/A

Bidder's Occupational License No. LB6901

W DocuSigned by: Benjamin Houle
Signed by: Admarines Colon
C4B642AC6AC8433...

By DocuSigned by:
62366632B890419...
Signature of Authorized Agent
Signed by:



STATEMENT OF FINANCIAL STABILITY

KCI affirms that it has the financial capacity to perform the services required for this contract. Per our latest audited financial statements dated December 31, 2023, KCI Holdings, Inc.'s (parent company) revenue totaled $464M. KCI has $283M in assets with an equity balance of $152M. KCI currently has more than $13M in cash reserves plus investments, in addition to an unused line of credit of $20M.

If you need more detail or further clarification, please contact Christine Koski, VP-CFO at (410) 891-1733.

Village of Key Biscayne

Continuing Geotechnical and Survey Services | RFQ # 2025-11

TAB B – EXECUTIVE SUMMARY

KCI

1. TITLE PAGE

KCI

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3. Executive Summary

May 16, 2025

Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, Florida 33149

Re: Request for Qualifications Continuing Geotechnical and Survey Services, RFQ # 2025-11

Dear Selection Committee,

KCI Technologies, Inc. (KCI) is pleased to submit our qualifications to the Village of Key Biscayne (Village) for Continuing Geotechnical and Survey Services. As a multidisciplinary engineering, consulting, and construction firm founded in 1955 and with over 55 years in Florida, KCI offers deep experience in Florida's municipal landscape and a client-first approach to every assignment. Our Miami office, located at 5835 Waterford District Drive, will serve as the primary hub for this contract, supported by a statewide team spanning eight additional Florida locations and approximately 150 Surveying and Subsurface Utility Engineering (SUE) staff across the Southeastern United States.

KCI is a 100-percent employee-owned firm with approximately 2,300 employee-owners operating out of more than 70+ offices in 19 states and the District of Columbia. With revenues of approximately $512 million in 2024, KCI has consistently been ranked among the top consulting engineering firms in the United States by *Engineering News-Record*. This national strength, combined with local familiarity and substantial resources, positions KCI to deliver the responsive, high-quality services the Village requires.

KCI will serve as the prime provider of surveying services under this contract. Our team brings extensive experience within the Village of Key Biscayne, having provided continuous surveying services over the past five years. Most notably, KCI was commissioned by the Village's Public Works Department to perform a comprehensive mapping of all visible features within the public rights-of-way, covering more than 24 miles of roadway. This effort included the development of a detailed Digital Terrain Model (DTM) and the collection of building facade data along the entire route. To complete this critical assignment, we leveraged cutting-edge technology, deploying both mobile and terrestrial 3D LiDAR scanners and enhancing the dataset with aerial LiDAR acquisition. This advanced approach demonstrates our capability to deliver complex and detailed deliverables on time and to the Village's high standards.

For geotechnical services, KCI has partnered with two highly qualified Miami-Dade County minority-owned subconsultants: AREHNA Engineering, Inc., and GCME, Inc.

- AREHNA Engineering, Inc. provides innovative and comprehensive geotechnical and structural forensic engineering, as well as full-service materials testing and inspection services throughout the State of Florida. Founded on the principles of quality service, technical expertise, responsiveness, and value, AREHNA brings an experienced staff of engineers who work closely with clients and project teams to deliver cost-effective, practical solutions tailored to each project's unique challenges.
- GCME, Inc. is a full-service State/FDOT/County certified SBE/DBE geotechnical engineering company, established in Florida in 2001. GCME has completed more than 300 public sector projects, including several projects for the Village as a subconsultant to KCI under our current Continuing Service Contract. GCME's depth of knowledge and extensive public sector experience. See below suggestions for technically sound and highly reliable geotechnical support for every assignment.

Together, KCI's internal resources, supplemented by the expertise of AREHNA and GCME, create a robust, responsive, and highly qualified team ready to support the Village's ongoing infrastructure initiatives. Our combined capabilities confirm that surveying and geotechnical services are delivered seamlessly, efficiently, and to the highest standards of technical excellence.

KCI fully understands the Village of Key Biscayne's commitment to maintaining resilient, sustainable, and high-quality infrastructure within a dynamic coastal environment. Our team applies rigorous quality assurance and quality control (QA/QC) protocols across all phases of our projects, from field investigations through deliverable preparation, ensuring precision, regulatory compliance, and stakeholder confidence. We also recognize the importance of maintaining schedule adherence and providing responsive communication to Village staff.



We believe that KCI is the most qualified team for this contract because of:

- Extensive Local Experience: Our proven history of service to the Village and deep familiarity with its infrastructure and operational expectations.
- Technical Excellence and Innovation: Application of advanced survey technologies, including 3D terrestrial, mobile, and aerial LiDAR, along with geotechnical expertise spanning forensic, public works, and transportation projects.
- Strong and Diverse Team Resources: A large internal team complemented by two minority-owned firms with exceptional geotechnical credentials.
- Commitment to Client Service: A steadfast focus on responsiveness, quality, and exceeding client expectations.
- KCI is excited about the opportunity to continue serving the Village of Key Biscayne. We are committed to delivering services that uphold the Village's standards of excellence, support its resiliency goals, and contribute to the community's continued success.

Sincerely,

James Gellenthin, PSM
Vice President



4. Deliverables, Tasks, and Activities

KCI Technologies, Inc. (KCI), along with our qualified subconsultants AREHNA Engineering, Inc., and GCME, Inc., will provide all deliverables, tasks, and activities as outlined in the Village's Scope of Services for Continuing Geotechnical and Survey Services. Our approach ensures that deliverables are completed accurately, on schedule, and in full compliance with the Village's technical standards and quality expectations.

Geotechnical Services Deliverables:

- **Preliminary Geotechnical Report:** KCI's geotechnical team, led by our subconsultants AREHNA and GCME, will prepare a Preliminary Geotechnical Report summarizing initial site findings, exploration methods, field observations, and preliminary engineering recommendations. This report will help inform early project design decisions and identify any critical geotechnical considerations.
- **Final Geotechnical Report:** Following any necessary design refinements or additional investigations, a Final Geotechnical Report will be developed. This report will include a detailed analysis of subsurface conditions, laboratory testing results, engineering evaluation of foundation and pavement recommendations, groundwater conditions, and construction considerations. The report will be certified by a licensed Professional Engineer registered in the State of Florida.
- **Boring Logs, Laboratory Test Results, and Site Investigation Data:** Complete boring logs with stratigraphic profiles, groundwater readings, Standard Penetration Test (SPT) data, and recovery rates will be provided. Laboratory test results for soil classification, strength, and other parameters will accompany the final documentation. All field and laboratory data will be clearly referenced and included as supporting documentation.

Surveying Services Deliverables

- **Certified Survey Maps and Plats:** KCI's surveying team will prepare certified maps and plats to meet the Village's requirements, including adherence to Florida Administrative Code (FAC) Chapter 5J-17 standards and other applicable municipal and regulatory guidelines. Surveys will clearly depict property boundaries, rights-of-way, easements, improvements, and topographic features as required.
- **Legal Descriptions and Supporting Documentation:** When needed for property acquisitions, easements, or dedications, KCI will prepare accurate legal descriptions and accompanying sketches, supported by certified survey data and boundary analysis. Supporting documentation, such as closure reports, will be included to validate all legal deliverables.
- **CAD and GIS Files in Compatible Formats:** KCI will provide CAD files prepared in AutoCAD Civil 3D format and GIS deliverables compatible with the Village's current systems. Metadata and coordinate system information will be included to confirm full usability and integration into the Village's asset management or design platforms.
- **Field Notes, Control Points, and Data Reports:** KCI will maintain detailed field notes documenting survey methodologies, instrument setups, and site conditions. Horizontal and vertical control points established for the project will be fully documented and tied to the appropriate datums (NAVD88/NAD83). A comprehensive data report summarizing field activities, control establishment, and data verification procedures will accompany all major deliverables.

Tasks and Activities to Achieve Deliverables

- Conduct site-specific project planning to determine exploration and survey needs.
- Perform field investigations, including soil borings, in-situ testing, and GPS/GNSS surveys.
- Execute laboratory testing for geotechnical parameters.
- Perform topographic, boundary, right-of-way, and construction surveys.
- Prepare preliminary reports, maps, and datasets for review and comment.
- Finalize and confirm all deliverables based on Village review feedback.
- Maintain ongoing communication with Village staff regarding progress and any unforeseen site issues.
- Implement internal quality control and quality assurance reviews prior to submission.

Through this structured approach, KCI and our team are committed to delivering precise, high-quality geotechnical and surveying deliverables that support the Village's infrastructure initiatives and project success.



5. Exceptions

None.

Village of Key Biscayne

Continuing Geotechnical and Survey Services | RFQ # 2025-11

TAB C – QUALIFICATIONS AND EXPERIENCE

KCI



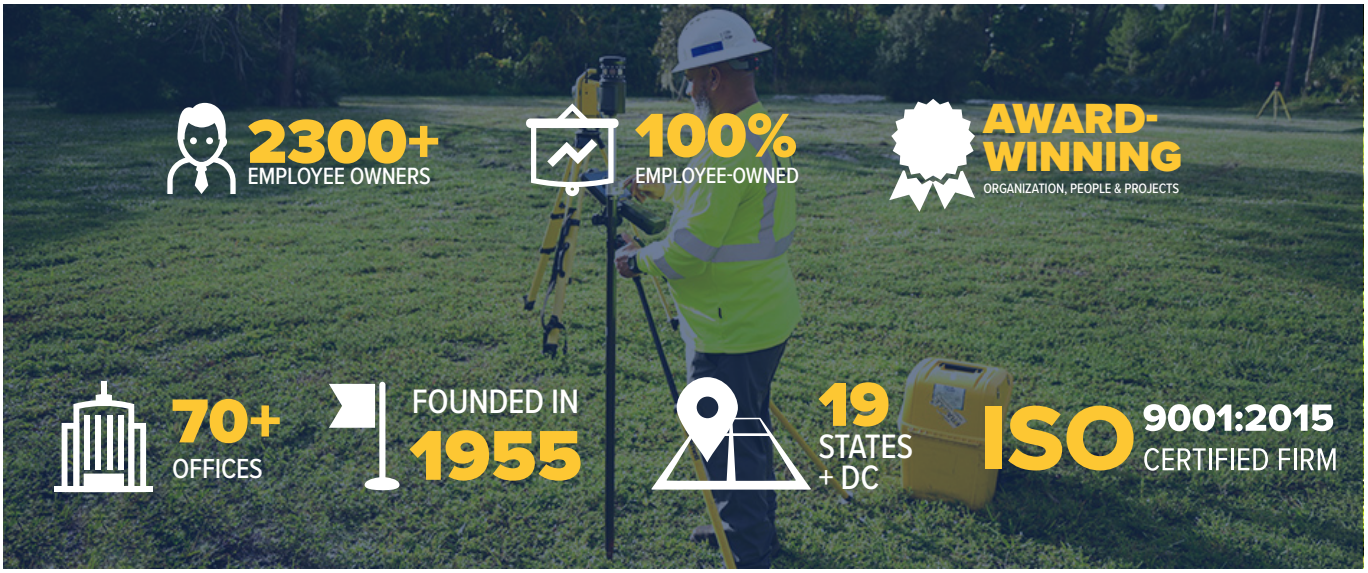
1. Qualifications

KCI is a 100% employee-owned, sub-chapter S corporation incorporated in the state of Delaware. The firm's history can be traced to a small firm operating out of the basement of the co-founder's home in 1955. By its second year, the company took up residence in a proper facility, only to change locations several times over the next decade in a succession of moves that paralleled its growth. Since 1991, KCI Technologies, Inc. has been operating with a workforce of over 2,300 employee-owners across more than 70 offices in 19+ states, as well as the District of Columbia. With revenues of approximately $512 million in 2024, the *Engineering News-Record* consistently places KCI among the top consulting engineering firms in the country.

1a. Qualification of the Firm

With over 70 years of experience serving municipalities and 55 years in Florida, KCI is a premier, full-service engineering and consulting company. Our team offers extensive multidisciplinary expertise in engineering, land surveying, mapping, and landscape architecture.

KCI is equipped to provide state and local government agencies with services that maintain public works facilities, enhance multi-modal transportation methods, design parks and recreational assets, and preserve our natural environment. We support the daily operations of state and local governments by implementing innovative technology solutions. The KCI team is proud to have partnered with numerous municipalities across Florida, establishing a robust history of successful collaborations. Our commitment to excellence has fostered strong relationships, and we are pleased to highlight our recent clients, showcasing our dedication to serving communities effectively.



1b. Qualification of Staff

KCI's office staff, subconsultant, and field crews have the technical ability to perform all tasks within the provided scope of services while adhering to the Florida requirements codes. Our bank of resources includes our qualified and experienced subconsultant with a proven track record of success with advanced geotechnical techniques. For this contract, **AREHNA**, a certified (CBE) Certified Business Enterprise with Broward County, a Certified State of Florida Minority Business Enterprise (MBE), and Disadvantage Business Enterprise, and FDOT Disadvantage Business Enterprise (DBE) that provides innovative and comprehensive geotechnical and materials testing and inspection services throughout the State of Florida. Additionally, to support geotechnical efforts, we have **GCME**, a full-service State/FDOT/County certified (SBE/DBE) geotechnical engineering company, which has successfully provided geotechnical services to the Village.

The Village stands to gain significantly from the efficient and high-quality results of our shared efforts. With a clear understanding of achieving our common goals, we have eliminated any obstacles arising from communication or procedures, which has resulted in a smooth and productive working relationship. This enduring partnership has cultivated a strong commitment to collaboration, enabling us to work seamlessly together.



BENJAMIN HOYLE, PSM
Contract Manager

Benjamin Hoyle, PSM, will serve as the Contract Manager for this contract. A South Florida native and University of Central Florida graduate with a Bachelor of Science in Engineering Technology, Mr. Hoyle has over 25 years of experience in Surveying and Mapping across Florida. He began his career in 2000, advancing from a rod person to Field Crew Supervisor at Keith & Schnars, where he obtained his Professional Surveyor and Mapper License in 2009. Mr. Hoyle has also earned OSHA30 safety training, CSX Railroad training, and First Aid/CPR certifications, and is an active member of the National Society of Professional Surveyors (NSPS) and the Florida Surveying and Mapping Society (FSMS), where he serves as the Broward County Chapter President. Currently, he holds the role of Survey Practice Leader for KCI and has led significant projects like the Village of Key Biscayne's Stormwater Drainage and Master Island Survey, overseeing the mapping of over 24 miles of roadway using advanced 3D LiDAR technology. His extensive knowledge of Florida's subtropical environment and professional integrity are essential to KCI's commitment to supporting community initiatives.



JAMES GELLENTHIN, PSM
QA/QC Manager

James "Jim" Gellenthin, PSM, will be responsible for overseeing the QA/QC for this contract. As a third-generation surveyor, spending early childhood family time as a rear chainman, pulling chains and collecting pins with his brothers. Mr. Gellenthin took those skills learned to KCI and led the effort to open the first KCI Survey Florida office located in Tampa in 1997. Jim has proudly and successfully mentored incoming survey talent from field to finish. Serving as Chief of Surveys, he takes great pride in making sure all our surveying and mapping products are delivered with the utmost quality. With extensive experience in supervising surveys for military, federal, state, municipal, and private clients, he possesses a wide range of expertise to manage the QA/QC for this County project.



NEWTON MENDONCA, PSM
Project Surveyor

With over 25 years of hands-on experience in land surveying across Florida and Brazil, coupled with a Bachelor of Science degree in Surveying Engineering, Project Surveyor, Newton Mendonca, PSM, brings a wealth of expertise to the table. His professional journey encompasses a diverse range of specialties, including roadway design surveys, right-of-way control mapping, boundary and topographic surveys, tunnel surveys, construction layout, geodetic control surveys, ALTA/NSPS surveys, canal cross-section surveying, hydrographic surveys, bathymetric surveys, as-built surveys, and 3D modeling. This breadth of knowledge extends to both public and private sectors, as well as utility surveying, showcasing his versatility and proficiency in the field.



MAX GEORGE, PSM
Project Surveyor

Max George is a skilled Project Surveyor specializing in survey and mapping, with extensive experience in personnel and project management. His expertise covers a broad range of surveying services, including ALTA, topographic, and boundary surveys, supporting site development on rural properties over

400 acres and urban lots in major metropolitan areas. He is a Florida Licensed Surveyor and Mapper (PSM) and Certified Floodplain Manager (CFM) with specialized experience in FEMA flood mapping, elevation certifications, and Base Flood Elevation (BFE) determinations. His dual credentials ensure the Village of Key Biscayne receives accurate, regulation-compliant survey data to support ongoing stormwater infrastructure improvements, enhance flood resilience, and guide responsible development within vulnerable coastal zones.



ALEKSANDR BRIDWELL
Survey Technician/LiDAR Specialist

Aleksandr Bridwell will serve as Survey Technician/LiDAR Specialist. Mr. Bridwell received a Bachelor of Science in Geomatics from Florida Atlantic University and is a certified remote pilot. He has extensive experience throughout the state, including the preparation of easements via sketch and legal description, ALTA/NSPS surveys, boundary surveys, construction layout, topographic surveys, bathymetric surveys, as-built surveys, 3D modeling, LiDAR scanning, and UAS flights



CHRIS WIDMER
Survey Technician/LiDAR Specialist

Chris Widmer will be the senior LiDAR Specialist for this contract. Mr. Widmer has 18 years of experience in 3D laser scanning and managing 3D laser scanning crews. Chris oversees all cloud registrations and evaluates each project to assemble a scanning plan with production in the field as a priority to streamline and complete the projects in the least amount of time and within budget.



RICHARD DUBAJ
SUE Supervisor

Richard Dubaj will be leading KCI's SUE efforts during this contract. He offers utility mapping services across different quality tiers, adhering to ASCE's Standard Guidelines CI/ASCE 38-02. His duties span utility condition assessment, conveying utility data to relevant stakeholders, and executing utility accommodation policies. Additionally, he oversees record research, supervises field crews, develops project sketches, and scrutinizes final CADD drawings, ensuring comprehensive quality control across various facets of the project.



BRENT REEVES
GIS Technician

GIS tasks will be overseen by Brent Reeves, a Senior Project Manager in KCI's Technology and Innovation Market. His primary responsibilities are to manage and provide support for data compilation projects, manage a team of GIS and subject matter experts to complete data collection and provide mapping, particularly for storm drain and stormwater management inventory and inspection tasks, floodplain geodatabase development, developing and managing stormwater databases, mapping, and inventory for SWPPPs, and providing support to Phase I and Phase II NPDES MS4 permit holders.



BENJAMIN KOUBEK, ISA, FNGLA, LIAF
Arborist

Benjamin Koubek, ISA, FNGLA, LIAF, will be the arborist for this contract. Mr. Koubek has broad and unique experience in the municipal, utility, and commercial tree care industries. He is one of only a handful of Certified Arborists in Florida, and he holds the ISA Municipal Specialist and Utility Specialist Certification.



ANGELA ALBA, PE
Chief Geotechnical Engineer

Ms. Alba has provided geotechnical engineering services on numerous geotechnical explorations over the past 26 years, including serving as the Geotechnical Discipline Lead for the I-595 Corridor Improvement project in Broward County, Florida, which was the first Public Private Partnership project ever awarded by FDOT. Ms. Alba has been involved in the planning, analysis, execution, and review of geotechnical projects to determine soil and rock properties for use in the design of foundations for projects ranging from roadway and railways to complex roadway bridge and tunnel projects to commercial high-rise buildings, school projects, and other local municipality projects. Ms. Alba has performed evaluations for retaining walls, shallow foundations, driven piles, drilled shafts, augercast piles, micropiles, and pressure-injected footings. Ms. Alba's experience has also included finite element analysis, slope stability evaluations, soil nail wall design, evaluation of geosynthetics applications, and geotechnical ground improvement techniques. She has served as part of a team with KCI survey on Village projects in the Garden Disctrict and on several current Broward County Projects.



PARTHA GHOSH, PE
Chief Support Geotechnical Engineer

Mr. Ghosh is a registered Professional Engineer in the State of Florida, with over 32 years of comprehensive experience working with the Village of Key Biscayne, FDOT Districts (specifically South Florida), and Florida's Turnpike Enterprise (FTE) in Geotechnical and Materials Engineering. He has served as the Senior Engineer/Project Manager and Geotechnical Engineer of Record for more than 350 major FDOT/FTE and other public sector projects in South Florida. His extensive experience includes conducting field and in-house investigations for roadway and bridge foundations, quality control and assurance of construction engineering inspections, and utilizing the Standard Index System. He has also prepared geotechnical reports for major FDOT Highway and Bridge projects.



1c. Industry Knowledge and Expertise

KCI is actively implementing the essential practices to fulfill this on-call contract successfully. Our team has the experience to manage any surveying and mapping project, consistently meets all expectations, and achieves successful completion within any required timeframe, even while handling multiple assignments simultaneously.

We have participated in a diverse range of projects across Florida, from large-scale construction under-takings valued at over $200 million to smaller initiatives, including culvert replacements, pavement rehabilitation, and the design of bicycle and pedestrian facilities.

We take pride in our adaptability and responsiveness to our clients' needs. The KCI team remains flexible in customizing our approach to meet both technical and non-technical requirements. We can quickly adjust our strategies when conditions change and can leverage our extensive resources to honor any scheduling commitments. Our staff's commitment to utilizing state-of-the-art surveying and mapping technology and practices has enabled KCI to stand out as a provider of exceptional and impactful solutions.

Our team utilizes advanced surveying technologies such as:

- Global Positioning System (GPS) Receivers
- Data Collectors
- Robotic Total Stations
- Digital Levels
- Photogrammetry
- Terrestrial LiDAR 3D Scanners
- Hydrographic Surveys
- SUE Designating Equipment
- SUE Data Collection Equipment
- SUE Locating Equipment
- Ground Penetrating Radar

1d. Project Management and Special Services pertinent to this Solicitation; and Past Performance

KCI Technologies, Inc. brings unmatched familiarity with the Village of Key Biscayne's infrastructure, regulatory environment, and resilience goals. As the Village's prime contractor for extensive topographic and utility mapping along over 24 miles of roadway, our team has developed an intimate understanding of the local conditions, permitting challenges, and community priorities. This prior experience includes preparing and submitting data products that aligned with the Village's standards and coordinating with multiple Village departments, including Public Works, Parks, Building, and Resilience.

Our team includes Florida-licensed professional surveyors, mappers, and certified floodplain managers uniquely qualified to address the village's ongoing stormwater and sea level adaptation initiatives. We are well-versed in South Florida's regulatory environment, including permitting support for agencies such as DERM and Miami-Dade County, and we maintain a proven track record of delivering accurate, QA/QC-verified geospatial data that supports infrastructure planning, grant compliance, and capital project execution.

KCI also brings extensive experience collaborating with leading geotechnical engineering subconsultants, including those previously engaged in Village and South Florida projects. These partnerships have yielded seamless integration between subsurface investigations and surface data collection, enhancing our ability to deliver complete, high-quality datasets that support informed design and permitting decisions. Our subconsultants are not only familiar with coastal conditions and fill profiles unique to barrier island environments but also understand the Village's expectations for responsiveness, documentation, and QA/QC.

Through this continued engagement, KCI has developed institutional knowledge that allows us to operate efficiently within the Village's workflows, minimize onboarding time, and offer innovative, scalable, dependable, and technically sound services that align with local priorities and the demands of coastal municipal infrastructure projects.

Project Management

Mr. Benjamin Hoyle has a distinguished career in providing comprehensive surveying and mapping services to municipalities across South Florida. His roles have spanned Senior Surveyor, Project Manager, and QA/QC Manager, each of which has sharpened his expertise in managing complex projects. Mr. Hoyle's skill in team coordination is demonstrated by his ability to synchronize efforts among various stakeholders, including clients, survey staff, and the public, fostering smooth communication and project alignment.

In his capacity as Project Manager, Mr. Hoyle has demonstrated exceptional proficiency in maintaining real-time awareness of project status, facilitating transparent and proactive updates to clients. This has been instrumental in promoting trust and making sure that client expectations are consistently met or surpassed. For instance, during a large-scale municipal mapping project, Mr. Hoyle effectively



coordinated with survey teams to gather precise data while simultaneously liaising with municipal officials to address regulatory requirements and community concerns.

As Contract Manager, Mr. Hoyle has and will continue to implement rigorous quality assurance protocols with James Gellenthin (QA/QC Manger), who will make certain all deliverables meet the highest standards of accuracy and reliability. His commitment to continuous improvement is evident in his proactive approach to identifying and implementing efficiencies in project delivery. This includes leveraging advanced technologies and methodologies to streamline workflows and enhance productivity.

Mr. Hoyle's extensive experience in project management, coupled with his proven capabilities in client and team coordination, uniquely qualifies him as our project/contract manager. His dedication to addressing current project needs, while consistently seeking innovative solutions to optimize project outcomes, underscores his value to our organization.

Special Services

SUBSURFACE UTILITY ENGINEERING (SUE/SUI)

The accurate detection of underground infrastructure, such as utilities and anomalies like sinkholes, remains a critical challenge in design and construction projects globally. Misidentified or unmapped utilities can pose serious risks to workers and the public, leading to project delays and increased costs.

KCI's Subsurface Utility Engineering (SUE) division specializes in precise mapping of existing underground utilities, helping to prevent conflicts and construction delays. Our team, comprised of SUE professionals, engineers, and surveyors, employs advanced technologies and adheres to CI/ASCE 38-02 guidelines to deliver cost-effective solutions.

KCI's SUE services include:

- Utility Quality Level A (QL-A): Precise horizontal and vertical location of utilities through minimally intrusive excavation techniques, achieving vertical accuracy of 0.5 inches (15mm).
- Utility Quality Level B (QL-B): Identification of the approximate horizontal position of subsurface utilities using surface geophysical methods and documenting this information for project plans.
- Utility Quality Level C (QL-C): Data collected from visible above-ground features combined with professional judgment to correlate with other utility information.

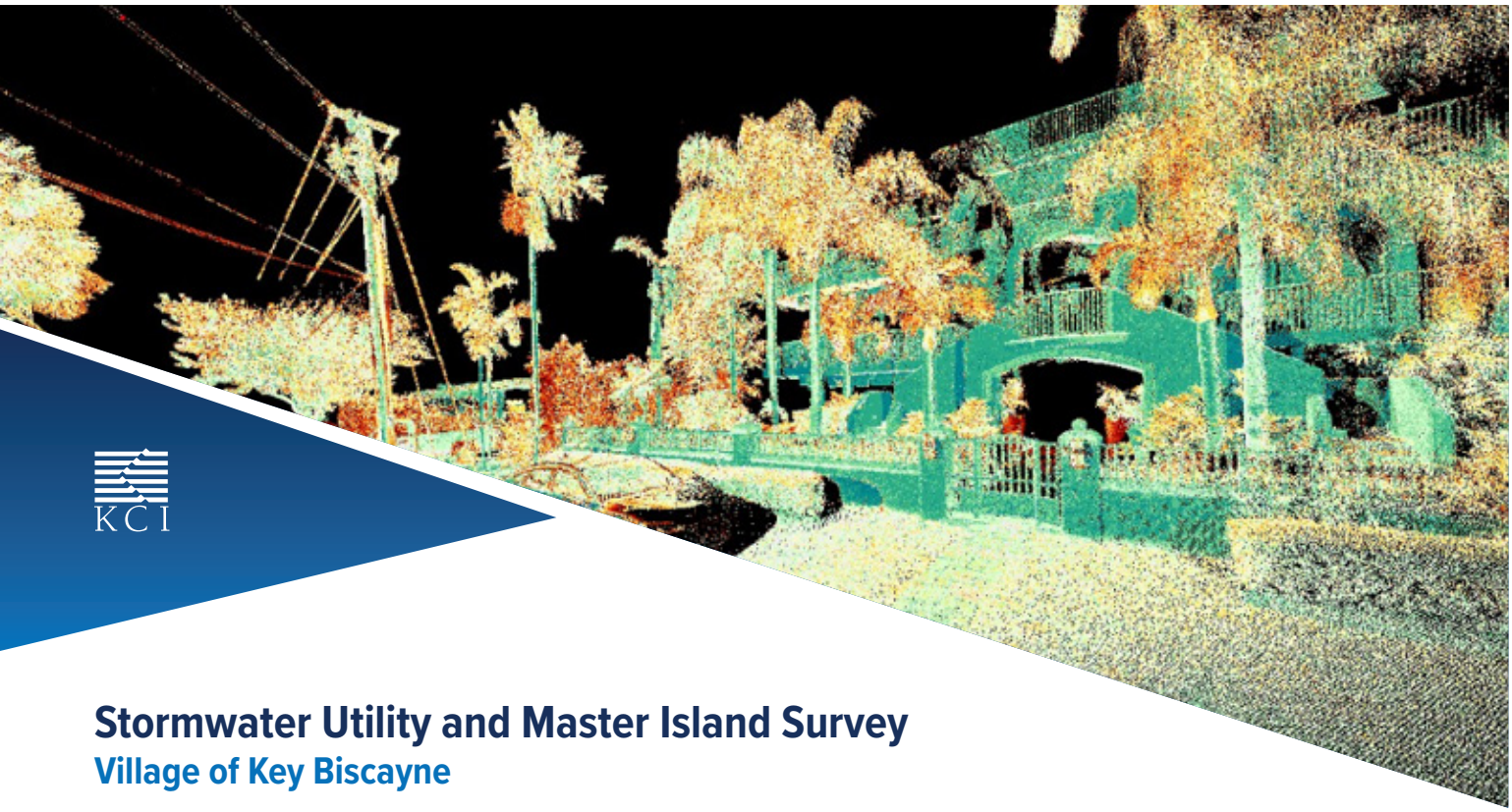
ARBORIST SERVICES

KCI's arborists and horticulturalists aid communities in the assessment of existing trees, diagnosis of potential issues, and recommendations for proposed plantings or tree removal. Through their services, they help preserve healthy trees, provide maintenance recommendations, promote safety from trees in decline, recommend suitable plant materials based on site-specific soil, climate, and light conditions, and assist in enhancing the character of the landscapes. Aiding in creating a sustainable, attractive functioning landscape that provides shade and wind protection, promotes biodiversity, attracts pollinators, and minimizes project risks are their objectives.





1d. Past Performance



Stormwater Utility and Master Island Survey

Village of Key Biscayne

Project Information

Project Team: Benjamin Hoyle, James Gellenthin, Aleksandr Bridwell, Chris Widmer, and KCI Survey/SUE Crew

Client: Village of Key Biscayne

Contact: Roland Samimy

rsamimy@keybiscayne.fl.gov

305.365.8908

Cost of Services: $499,865

Contract Number: 2020-04

Term of Engagement: 2022 - 2025

Under the awarded miscellaneous Surveying Services contract awarded to KCI, the Village of Key Biscayne Public Works Department tasked KCI to map all the public right-of-way of over 14 miles of roadway and up to the face of all buildings with road frontage. KCI applied the resources of its mobile and terrestrial 3D LiDAR scanner and supplemented data with aerial LiDAR provided by its subconsultant. KCI set survey control on 24 miles of roadway and mapped it all with the mobile, aerial, and terrestrial LiDAR 3D laser scanners. KCI established the right-of-way along the roadways. As a separate task, KCI established the finished floor elevation of every building in the Village, totaling more than 1,600 structures, and obtained the location and height of over 25,000 trees in the right-of-way. All this data was used by designers, architects, engineers, FEMA, and contractors for stormwater utility and right-of-way improvements.

The Village wanted more surveying services than could be financed within the budget. KCI consulted on the different services and guided the Village in ways to phase the services so the project could move forward while additional funds were gathered to complete the non-critical surveying services. One method employed was to use LiDAR technology to capture all the field data in one mobilization but wait until a further time to extract the data from the field collection until funding was in place. Another solution was to forfeit the task of mapping all underground utilities at the start of the project, wait until a preliminary drainage design was in place, and strategically target the areas needed for underground utility investigation. KCI also proposed phasing the project so the survey data could be used on multiple projects underway within the Village, eliminating the need for supplemental surveys, allowing the Village to save money and keep all improvement projects on schedule.



Garden District
Village of Key Biscayne

Project Information

Project Team: Benjamin Hoyle, Newton Mendonca, Aleksandr Bridwell, Richard Dubaj, KCI Survey Crew, and Angela Alba (Arehna)

Client: AllBright Engineering, Inc.

Contact: Fernando Gomez

fernando.gomez@allbrightengineering.com

954.533.3434

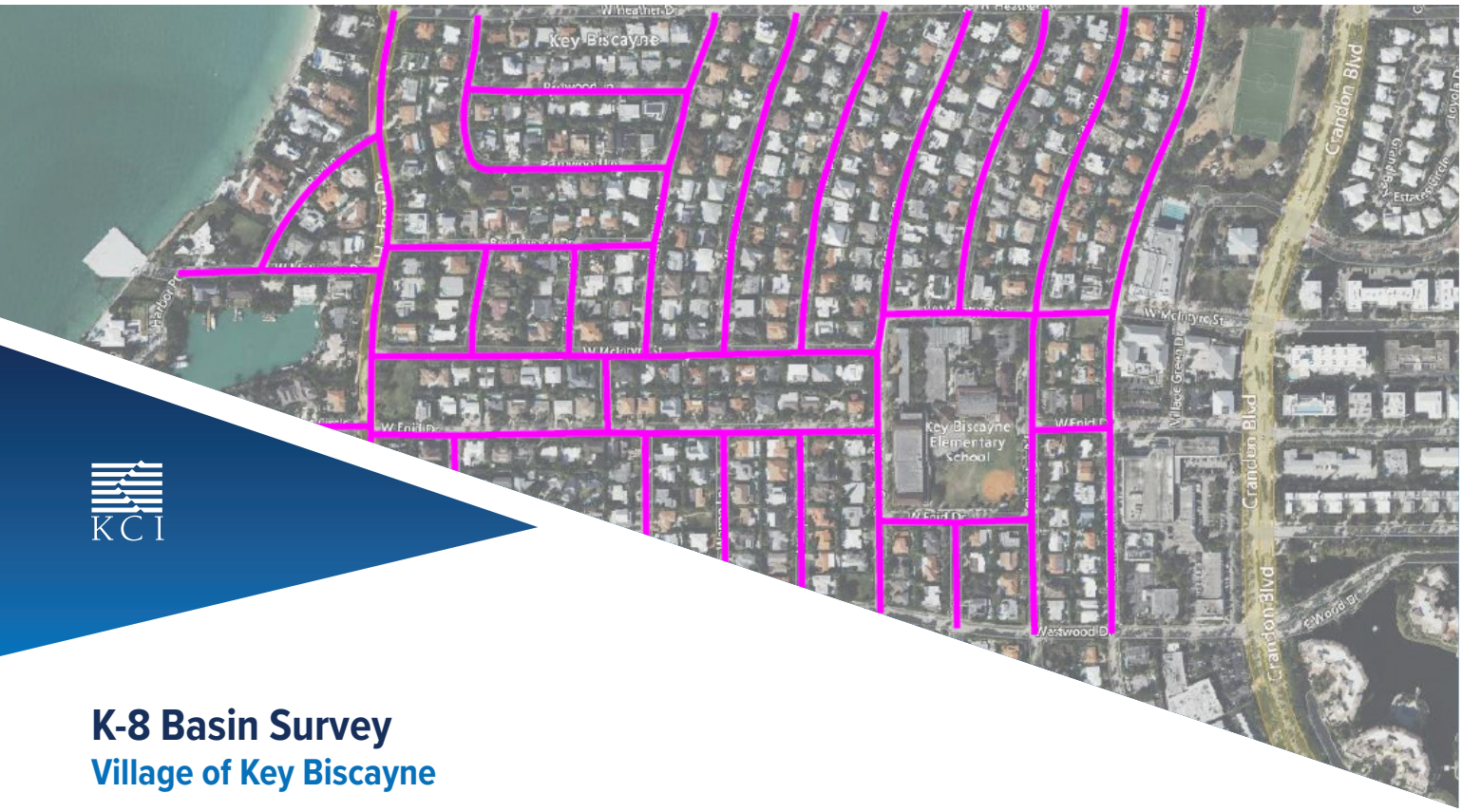
Cost of Services: $19,960

Contract Number: 24-0233

Term of Engagement: 2024 - 2025

KCI provided comprehensive surveying and subsurface utility engineering (SUE) services for the Village of Key Biscayne's Garden District Drainage Improvements, a FEMA HMGP-funded resilience project addressing recurrent flooding across 37.66 acres of high-density residential development. The area, bordered by East Enid Drive, Galen Drive, Sunrise Drive, and Ocean Lane, faces chronic inundation during low to high-intensity storm events, affecting over 1,500 households. The design will protect against a 100-year, 72-hour storm event and align with the Village's Stormwater Master Plan, which is based on a previously prepared survey completed by KCI.

KCI's work supported the design of a new stormwater infrastructure system, including 760 linear feet of 24-inch HDPE conveyance, a new pump station with three injection wells, and rehabilitation of five existing drainage wells. Survey tasks included updating the existing topographic and DTM data for Ocean Drive, East Enid, and Galen Drive using RTK GNSS tied to the Village's control network. KCI verified and extended horizontal and vertical control, delivered topographic, gravity utility as-builts, and conducted Quality Level B SUE designations across all project corridors and Quality Level A SUE utility excavation at utility conflict points selected by the Engineer of Record. Deliverables included a signed/sealed surveyor's report and AutoCAD Civil 3D files on the NAD83/2011 and NAVD88 datums. The design will protect against a 100-year, 72-hour storm event and align with the Village's Stormwater Master Plan, which was completed by KCI.



K-8 Basin Survey

Village of Key Biscayne

Project Information

Project Team: Benjamin Hoyle, Newton Mendonca, Aleksandr Bridwell, Richard Dubaj, James Gellenthin, and KCI Survey/SUE Crew

Client: AECOM

Contact: Erik Alcantara

- erik.alcantara@aecom.com
- 305.444.4691

Cost of Services: $457,445

Contract Number: 2020-03

Term of Engagement: 2023 - 2024

The Village of Key Biscayne engaged KCI through AECOM to provide a comprehensive suite of surveying and subsurface utility engineering services to support stormwater and infrastructure planning in the K-8 Basin area. These services helped the Village identify existing above- and below-ground conditions, which in turn informed future design and construction projects to enhance drainage, sea-level resilience, and infrastructure capacity.

KCI conducted detailed boundary and topographic surveys, including the establishment of mean high water (MHW) lines, for several waterfront properties along Harbor Drive, Matheson Drive, Sunset Circle, and Harbor Circle. A supplemental bathymetric survey of a 4.5-acre section of Hurricane Harbor was carried out using a dual-frequency echosounder and RTK GPS to map underwater features in relation to NAVD88.

KCI updated the previous survey base files to include Quality Level C data for sanitary laterals, incorporating cleanout locations and inverted elevations as referenced in the plans provided by the client. At Harbor Park, KCI performed Quality Level B utility designation using electromagnetic (EM) and Ground Penetrating Radar (GPR) technologies to locate and sketch utilities and subsurface anomalies. Results were integrated into the final surveys, with all work carried out by UTA-certified technicians following ASCE 38-22 and FDOT utility location protocols.

Deliverables included AutoCAD Civil 3D files (.dwg, 2018–2020 format), Digital Terrain Models (DTM) for bathymetric data, GIS utility sketches, signed and sealed survey drawings, and an Excel summary of sanitary cleanout elevations.



Miscellaneous Survey and Mapping Services Contract

City of Miami

Project Information

Project Team: Benjamin Hoyle, Newton Mendonca, Aleksandr Bridwell, and KCI Survey/ SUE Crew

Client: City of Miami

Contact: Ricardo Rodriguez

rrodriguez@miamigov.com

305.416.1359

Cost of Services: $268,840

Contract Number: 16-17-027

Term of Engagement: 2013 - Ongoing

KCI has provided a variety of survey services for this on-call contract, including general land surveying, right-of-way or boundary surveys, GPS mapping, GPR surveys, engineering and construction surveys, specific purpose surveys, topographic surveys, mean high water lines, submerged or filled lands, elevation certificates, and subsurface utility engineering (SUE). These services were delivered to the following locations:

- ADA Homeless Remodel
- Fire Training Facility
- Douglas Park
- Stearns Martell Park
- Little Haiti Soccer Park
- Fire Stations #3, #4, #10, and #12
- Marlins Park Monitoring Wells
- Athalie Range Park
- Lemon City Park
- Police Headquarters
- Bay of Pigs Park
- 104 NW 1st Avenue
- Special Ops Command Center
- FDOT Parcels 3831 4236
- Miamarina Parkway
- Miami Riverside Center
- OMNI CRA
- James L. Knight Center
- Alice Wainwright Park
- Robert King High Park
- Henderson Park
- Buena Vista Park
- 1251 SW 7th Street
- Communications Generator at Fire Headquarters



Bayfront Park LiDAR Scanning

Florida Power and Light

Project Information

Project Team: Benjamin Hoyle, Aleksandr Bridwell, and KCI Survey/SUE Crew

Client: Florida Power and Light

Contact: David Bates

- david.bates@fpl.com
- 561.691.7948

Cost of Services: $66,435

Contract Number: N/A

Term of Engagement: 2018 - 2019

KCI was commissioned by Florida Power & Light to provide comprehensive surveying and mapping services in support of the Bayfront Park Solar Circle project at the FPL Amphitheater in Downtown Miami. Bayfront Park is a historic 32-acre public space on Biscayne Bay, renowned for hosting major events such as Super Bowl festivities, music festivals, and national celebrations. The FPL Solar Amphitheater, with a seating capacity of 10,000, incorporates advanced bifacial solar panel technology supported by a custom-fabricated steel canopy.

KCI's services included detailed topographic surveys, LiDAR scanning of the amphitheater structure, gravity utility surveys, review and plotting of easements, and digital terrain modeling (DTM) to support solar canopy design and easement planning. The surveys mapped buildings, pavement, fences, trees, and existing FPL transmission and distribution easements. A sketch and description were prepared for the solar circle easement, interconnection path, and utility corridor. Final deliverables included signed and sealed survey files, AutoCAD (.dwg) drawings, DTM surfaces, and Point Cloud (.e57) data. KCI's precision layout supported the integration of curved structural steel supports in a high-visibility urban venue.



Miscellaneous Survey and Mapping Services Contract

Miami-Dade County

Project Information

Project Team: Benjamin Hoyle, Newton Mendonca, James Gellenthin, Aleksandr Bridwell, and KCI Survey/SUE Crew

Client: Miami-Dade County

Contact: Marina Blanco-Pape

marina.blanco-pape@miamidade.gov

786.247.8716

Cost of Services: $195,819

Contract Number: E24TP01

Term of Engagement: 2013 - Ongoing

The KCI team is providing a broad range of consulting services to Miami-Dade County. These services include, but are not limited to, general surveying, drafting, and mapping. Task orders authorized under this contract have included the following:

- Stormwater infrastructure surveying services to include the location, measurements, and status inspection of the following types of structures: Catch Basins, Manholes, Grease Interceptors/Structures, Outfalls, and Culverts on S.W. 130th Avenue (from S.W. 27th Street to S.W. 42nd Street).
- Boundary Survey for Parcels 1 and 2
- Boundary and Hydrographic Survey for Card Sound Road
- Staff Gauge Installation
- Topographic and Bathymetric Survey of Card Sound Road and Card Sound Canal
- Topographic and Bathymetric Survey of Florida City Canal
- Topographic and Hydrographic Survey of the Beaches
- Topographic Survey Wagner Creek
- Post-Construction Topographic and Hydrographic Survey at the Beaches
- Stormwater Master Plan Basins



Miscellaneous Survey and Mapping Services Contract

City of Miami Beach

Project Information

Project Team: Benjamin Hoyle, Aleksandr Bridwell, and KCI Survey/SUE Crew

Client: City of Miami Beach

Contact: Elizabeth Estevez

elizabethestevez@miamibeachfl.gov

305.673.7272

Cost of Services: $145,222

Contract Number: 2014-346-YG

Term of Engagement: 2015 - 2021

KCI completed a variety of survey services for this on-call contract, including general land surveying, right-of-way or boundary surveys, GPS mapping, GPR surveys, engineering and construction surveys, specific purpose surveys, topographic surveys, mean high water lines, submerged or filled lands, elevation certificates, and subsurface utility engineering (SUE). These services were delivered to the following locations:

- Marine Patrol Facility at Maurice Gibb Memorial Park
- Bonita Drive
- 5th Street Monumentation
- Madeline Village Crespi Boulevard
- Belle Isle Park
- MacArthur Pedestrian
- Allison Park
- Polo Park



NE 191st System Stormwater Drainage and Roadway Improvement

City of Aventura

Project Information

Project Team: Benjamin Hoyle, Newton Mendonca, Aleksandr Bridwell, Richard Dubaj, James Gellenthin, and KCI Survey/SUE Crew

Client: City of Aventura

Contact: Jake Ozyman

jozyman@cityofaventura.com

305.466.8970

Cost of Services: $139,400

Contract Number: 2023-11-01

Term of Engagement: 2024 - 2025

KCI was commissioned by the City of Aventura to provide surveying and mapping and Subsurface Utility Engineering (SUE) services for this project. KCI conducted a utility designation to identify and map existing utility lines using electromagnetic induction and ground-penetrating radar (GPR) methods. This includes conductive and non-conductive utilities within designated sections of NE 191st Street, NE 29th Avenue, and NE 188th Street. The collected data enhanced the accuracy of utility designation and guided further field investigations. KCI provided detailed documentation and field sketches, offering optional vacuum excavation services to expose and verify underground utilities.

In addition to utility designation, KCI performed a comprehensive topographic survey and developed a digital terrain model (DTM) to enhance infrastructure planning. These tasks documented existing surface features, right-of-way lines, native trees, and elevation data critical for understanding site conditions and guiding stormwater drainage design. DTM incorporated LiDAR-derived data to map surface flow patterns adjacent to NE 191st Street — deliverables included signed and sealed survey files and digital terrain data.



Alton to Venetian Underground 69kV Transmission Line

Florida Power and Light

Project Information

Project Team: Benjamin Hoyle, Aleksandr Bridwell, James Gellenthin, Richard Dubaj, and KCI Survey/SUE Crew

Client: Power Engineers, Inc.

Contact: Sean Gamache

- sean.gamache@powereng.com
- 774.643.1836

Cost of Services: $973,816

Contract Number: N/A

Term of Engagement: 2018 - 2022

KCI was engaged by Power Engineers, Inc., on behalf of Florida Power & Light (FPL), to support the design and construction of a 2.5-mile underground 69kV transmission line traversing dense urban corridors, public parks, and submerged sovereign lands across Miami Beach, Florida. The project connected key FPL substations along 4th Street, Michigan Avenue, and 19th Street through the Alton and Venetian corridors, crossing Biscayne Bay via the MacArthur Causeway.

KCI performed full boundary and topographic route surveys on land and across submerged state waters, including bathymetric and subaqueous utility mapping, digital terrain modeling (DTM), and extensive SUE investigations. The scope encompassed ALTA/NSPS surveys, tree inventories, sketches and descriptions for temporary and permanent easements, and sovereign submerged land lease exhibits for FDEP approval. KCI also led seawall investigations using pile exposure, tieback mapping, and parallel seismic testing.

To confirm accurate utility conflict resolution and design clearance, KCI conducted SUE Level C investigations of 175 gravity structures and followed with targeted Level A and B investigations along the proposed alignment, including test holes, trench pits, and Z-cuts. Work was executed under comprehensive Temporary Traffic Control Plans approved by Miami Beach, Miami-Dade County, and FDOT. Deliverables included signed and sealed survey documents, AutoCAD base files, DTM surfaces, easement exhibits, and geophysical test data.



AREHNA | Engineering, Inc.

Testing Services for Soils, Foundations and Materials

Miami-Dade County, Florida

Project Summary

AREHNA serves as the Prime Consultant for this task-order contract and provides soils, foundations and materials testing services.

Task have included:

SW 87th Avenue Bridge Replacement over C-100 Canal, Miami-Dade County, Florida AREHNA is performing materials testing services for the bridge replacement project over the C-100 Canal in Miami, Florida. Scope includes materials testing and inspection efforts, auger cast and drilled shaft inspections, asphalt plant inspections, field oversight for quality control technicians, reporting and invoicing.

Culvert Replacement at SW 132nd Ave. and C-100 Canal #20230245, Miami-Dade County, Florida AREHNA is performing materials testing services for the culvert replacement project over the C-100 Canal in Miami, Florida. Scope includes materials testing and inspection, field oversight for quality control technicians, reporting and invoicing.



MIAMI-DADE COUNTY

Owner

Miami-Dade County
Public Works Construction Division

Department of Transportation and Public Works

Key Staff

Jessica McRory, PE
Amanda Pereira, PE
Angela Alba, PE
Winston Orellano

Project Date

2024 - Ongoing

Client Reference

Mr. Rene Idarraga, P.E., Chief
Miami-Dade County
111 NW 1ST Street, 14th Floor
Miami, Florida 33128
Rene.Idarraga@miamidade.gov
(305) 375-2111

www.arehna.com



AREHNA | Engineering, Inc.

Geotechnical and Engineering Testing Services Continuing Services Agreement

Sunrise, Florida

Project Summary

AREHNA serves as the Prime consultant and supports geotechnical engineering and materials testing on this task-order contract. Projects under this contract include buildings/facilities, roadway and intersection improvements, bike lanes, sidewalks and pedestrian safety improvements, traffic signal, ITS, multimodal, stormwater and drainage improvements, potable water, reclaimed water, and wastewater treatment plants design and construction.

Scope includes soils, pavement and asphalt testing, concrete and field soil densities, percolation testing, foundations materials testing, and geotechnical analysis and recommendations.

Projects Include:

- Wastewater Treatment Plant (MW1A)
- Sawgrass Headworks Influent Line Improvements
- Lead and Asbestos Testing – Sawgrass WWTP





Owner

City of Sunrise Utilities Department
777 Sawgrass Corporate Parkway
Sunrise, Florida 33325

Key Staff

Angela Alba, PE
Jessica McRory, PE
Andy Tao, PE

Project Duration Dates

2021 – Ongoing

Reference

Mr. Fernando Pleitez, P.E.
City of Sunrise Utilities Department
777 Sawgrass Corporate Parkway
Sunrise, Florida 33325
954-888-6017
FPleitez@sunrisefl.gov

www.arehna.com



GCME

Project Title	*Project Title: I-595/SR862 Corridor Design Consultant, From W of 136th Avenue to E of I-95, District 4, Broward County, FL; P3 Project Project Owner: FDOT D-4 / FPID No.: 420809-1-32-01*
Firm (Role)	GCME (Sub-consultant/contractor)
Type of Work: Geotechnical Services	*GCME served as the only geotechnical subconsultant from PD&E to design oversight of the 11-mile, $1.2 billion widening and reconstruction program that included a three-lane reversible-variable tolled express lane system with interchange reconstruction and operational improvements along the nine interchanges within the project's limits. This project involved performing field exploration (9.1) and laboratory testing (9.2) for proposed bridge widenings, new bridges, MSE and bulkhead walls to be included as part of the RFP package delivered to the shortlisted P3 firms for preparation of their bid package. Partha oversaw the preparation of the Geotechnical Data Report [GDR] and assisted I-595 Corridor Design Consultant [CDC] Team to prepare the RFP for the biggest P3 project in South Florida.*
Project Manager	*Partha Ghosh PE*
Client Representative	*Prime Consultant: RS&H; Mr. Phil Schwab, PE [954-236-7386] Phil.Schwab@rsandh.com* *Owner: FDOT D-4; Mr. Paul Lampley, P.E. [954-845-9552] Paul.Lampley@dot.state.fl.us*
Project Value	$1.2 B
Total Contract Value	$2.46 M
Project Dates	Start: *July 2006* Completion: *December 2014*



GCME

Project Title	*Project Title: Interstate I-75 Managed Lanes Design Builds; From SR 826 in Miami-Dade County to I-595 in Broward County, FL FDOT D-4 / FPID No.: 430763-2-32 & 430763-3-32*
Firm (Role)	GCME (Sub-consultant/contractor)
Type of Work: Geotechnical Services	*Work Narrative:* *GCME served as CDC's only Geotechnical Subconsultant in the project development, procurement support, and design management of the $700 million I-75 Express Lanes project in Miami-Dade and Broward Counties. The project received the 2019 American Council of Engineers Companies of Florida award as the Outstanding Design-Build Project. This project involved performing field exploration (9.1) and laboratory testing (9.2) for proposed bridge widenings, new bridges, MSE and sound barrier walls and prepare the GDR to be included as part of the RFP package delivered to the shortlisted firms for preparation of their bid package. Partha oversaw the preparation of the GDR and assisted FDOT/CDC Team to prepare the RFP package, review and evaluate the ELOIs & Technical Proposals.*
Project Manager	*Partha Ghosh PE*
Client Representative	*Prime Consultant: RS&H; Mr. Jay Turner PE, PE [954-331-0934]* *Jay.Turner@hdrinc.com* *Owner: FDOT; Mr. Robert Bostian PE [954-777-4427]* *Robert.Bostian@dot.state.fl.us*
Project Value	$700M
Total Contract Value	$1.89 M
Project Dates	Start: January *2012* Completion: *December 2018*



2. SERVICE TEAM AND RESUME

2a. Organizational Chart

KCI Technologies, Inc.
- ✓ AREHNA Engineering, Inc. (CBE/MBE/DBE)
- ✓ GCME, Inc. (SBE/DBE)

CONTRACT MANAGER

Benjamin Hoyle, PSM

QA/QC MANAGER

James Gellenthin, PSM
(Corporate Level)

SUBCONSULTANTS

✓ **Angela Alba, PE**
Chief Geotechnical Engineer

✓ **Partha Ghosh, PE**
Chief Support Geotechnical Engineer

SURVEY AND SUE TEAM

Newton Mendonca, PSM
Project Surveyor

Max George, PSM
Project Surveyor

Aleksandr Bridwell
Survey Tech/LiDAR Tech

Chris Widmer
Survey Tech/LiDAR Tech

Richard Dubaj
SUE Supervisor

Survey and SUE Crew -7

SUPPORT SERVICES

Benjamin Koubek, ISA, FNGLA, LIAF
Project Arborist

Brent Reeves
GIS



2b. Teams' Roles, Responsibilities, Relevant Experience, and Education

Benjamin Hoyle, PSM

Mr. Hoyle is a project surveyor with over two decades of experience throughout the state of Florida. His experience includes transmission line route surveys, preparation of easements via sketch and legal description, ALTA/NSPS surveys, boundary surveys, construction layout, topographic surveys, hydrographic surveys, bathymetric surveys, as-built surveys, and 3D modeling. Mr. Hoyle has experience in today's newest state-of-the-art software and equipment including AutoCAD, TDS collection, dual-frequency/survey-grade GPS, and terrestrial LiDAR scanning equipment and software.

RELEVANT PROJECT EXPERIENCE

Village of Key Biscayne, Professional Survey Services for Stormwater Utility and Right-of-Way Improvements. Contract Manager. KCI provided a comprehensive 24-mile right-of-way mapping and LiDAR-based DTM project commissioned by the Village of Key Biscayne. KCI established horizontal and vertical control, extracted finished floor elevations for 1,600+ buildings, and mapped over 25,000 trees and all visible ROW features using mobile, terrestrial, and aerial LiDAR sources. Deliverables support long-term infrastructure and drainage planning.

City of Miami Beach, Miscellaneous Survey and Mapping Services Contract. Contract Manager. KCI has performed a number of task orders on this ongoing contract for various locations/projects, including Maurice Gibb Memorial Park Boundary and Topographic Survey, Bonita Drive Topographic Survey, 5th Street Monumentation Topographic Survey, Madeline Village Crespi Boulevard Boundary and Topographic Survey, Belle Isle Park Topographic Survey, MacArthur Pedestrian Bridge Topographic Survey, as well as Allison Park Boundary and Topographic Survey.

City of Miami, Miscellaneous Survey and Mapping Services Contract. Contract Manager. KCI performed a number of task orders on this ongoing contract, including ADA Homeless Remodel, Fire Training Facility, Douglas Park, Stearns & Martell Parks Boundary and Topographic Surveys, Little Haiti Soccer Park Boundary and Topographic Survey, Fire Station #3 Boundary Survey, Fire Station #4 Boundary Survey, Fire Station #10 Boundary Survey, Fire Station #12 Boundary Survey, Marlins Park Monitoring Wells, Athalie Range Park Boundary and Topographic Survey, Lemon City Park Boundary and Topographic Survey, Communications Generator at Fire Headquarters, Police Headquarters Boundary Survey, Bay of Pigs Park Topographic Survey, 104 NW 1st Avenue Sketch and Description, Special Ops Command Center Boundary and Topographic Survey, FDOT Parcels 3831 & 4236 Sketch and Descriptions, Miamarina Parkway Drive Mitigation Area 3 Sketch and Description, Miami Riverside Center Boundary Survey, OMNI CRA Amendment Legal Description Preparation, and James L. Knight Center Seawall Survey.

City of Riviera Beach, Riviera Beach Topographic Survey. Contract Manager. KCI prepared a topographic survey of 5.67+/- miles of city streets. The survey included power/utility poles, overhead wires, asphalt, curbing, driveways, fences, trees/hedge lines, manholes, drainage structures including inverts, and surface features of utilities.

Miami-Dade County, Miami-Dade County Miscellaneous Survey and Mapping Services Contract. Contract Manager. Under this ongoing contract, KCI has performed multiple projects that include stormwater infrastructure surveying services to include the location, measurements, and status inspection of the following types of structures: catch basins, manholes, grease interceptors/structures, outfalls, and culverts on SW 130th Avenue (from SW 27th Street to SW 42nd Street), boundary survey for Parcels 1 & 2, boundary and hydrographic survey for Card Sound Road, staff gauge installation, topographic and bathymetric survey of Card Sound Road and Card Sound Canal, topographic and bathymetric survey of Florida City Canal, topographic and hydrographic survey of the beaches, topographic survey Wagner Creek, and post-construction topographic and hydrographic survey at the beaches.



Contract Manager

YEARS OF EXPERIENCE: 25

LICENSES & REGISTRATIONS

PSM / FL / LS6769 / 2009

CSXT Roadway Worker Protection Contractor Safety

Fall Protection in Construction

First Aid Trained

Monitoring of Traffic Safety

OSHA 30-Hour Training

EDUCATION

BS / Engineering Technology / University of Central Florida

MEMBERSHIPS

NSPS - Member

FSMS - Chapter President

James Gellenthin, PSM

Mr. Gellenthin serves as KCI's National Chief of Surveys and has nearly 40 years of survey experience with the firm. He provides QA/QC oversight of survey projects and oversees the review of contract documents and agreements. Mr. Gellenthin has extensive experience supervising surveys for military, federal, state, municipal, and private clients. His expertise includes ALTA and boundary surveys, route surveys, utility surveys, GPS control surveys, topographic surveys, environmental surveys, as well as construction staking. He oversees KCI's survey field crews and their training on using the current survey technologies, including LiDAR and UAS. Mr. Gellenthin also provides oversight of the office technicians processing the survey data and preparing the various survey deliverables.

RELEVANT PROJECT EXPERIENCE

Village of Key Biscayne, Professional Survey Services for Stormwater Utility and Right-of-Way Improvements. QA/QC Manager. KCI provided a comprehensive 24-mile right-of-way mapping and LiDAR-based DTM project commissioned by the Village of Key Biscayne. KCI established horizontal and vertical control, extracted finished floor elevations for 1,600+ buildings, and mapped over 25,000 trees and all visible ROW features using mobile, terrestrial, and aerial LiDAR sources. Deliverables support long-term infrastructure and drainage planning.

Village of Key Biscayne, K-8 Basin Survey. QA/QC Manager. KCI provided comprehensive surveying and SUE services to support drainage and resiliency planning for the K-8 Basin. Services included topographic and boundary surveys with mean high water (MHW) line establishment, bathymetric mapping of Hurricane Harbor, Quality Level B utility designations using GPR and EM methods at Harbor Park, and integration of sanitary cleanouts into the survey basemap. Deliverables featured CAD base files, digital terrain models, GIS utility sketches, and signed/sealed drawings. Field and data coordination efforts aligned with ASCE 38-22 and FDOT protocols, enabling AECOM and the Village to advance critical stormwater infrastructure planning.

City of Aventura, NE 191st System Stormwater Drainage and Roadway Improvement. QA/QC Manager. KCI provided surveying, mapping, and SUE services for this multi-corridor drainage and roadway improvement project. The team conducted utility designation using electromagnetic induction and ground-penetrating radar (GPR) to map existing utilities along NE 191st Street, NE 29th Avenue, and NE 188th Street. This data improved utility accuracy and supported further investigations. KCI also supplied detailed documentation and optional vacuum excavation services to verify underground utilities. Additionally, KCI performed a topographic survey and developed a digital terrain model (DTM) to assist with infrastructure planning. This process included documenting surface features, right-of-way lines, native trees, and elevation data essential for stormwater drainage design. The DTM utilized LiDAR data to map surface flow patterns near NE 191st Street, providing signed and sealed survey files and digital terrain data.

Miami-Dade County, Miami-Dade County Miscellaneous Survey and Mapping Services Contract. QA/QC Manager. Under this ongoing contract, KCI has performed multiple projects that include stormwater infrastructure surveying services to include the location, measurements, and status inspection of the following types of structures: catch basins, manholes, grease interceptors/structures, outfalls, and culverts on SW 130th Avenue (from SW 27th Street to SW 42nd Street), boundary survey for Parcels 1 & 2, boundary and hydrographic survey for Card Sound Road, staff gauge installation, topographic and bathymetric survey of Card Sound Road and Card Sound Canal, topographic and bathymetric survey of Florida City Canal, topographic and hydrographic survey of the beaches, topographic survey Wagner Creek, and post-construction topographic and hydrographic survey at the beaches.



QA/QC Manager

YEARS OF EXPERIENCE: 39

LICENSES & REGISTRATIONS

PSM / FL / LS5906 / 1998

PLS / NC / L-3860 / 1996

RLS / TN / 2114 / 2000

EDUCATION

Certificate / Surveying Technology / Gloucester County College

MEMBERSHIPS

NC Society of Surveyors - Member

FSMS - Member

Newton Mendonca, PSM

Mr. Mendonca is a licensed project surveyor with six years of experience throughout Florida and over 20 years of experience in Brazil. His experience includes roadway design surveys, right-of-way control mapping, boundary and topographic surveys, tunnel surveys, construction layout and geodetic control surveys, ALTA/NSPS surveys, hydrographic surveys, bathymetric surveys, as-built surveys, and 3D modeling. Mr. Mendonca is skilled in today's newest state-of-the-art software and equipment, including AutoCAD, TDS collection, dual-frequency/survey-grade GPS, and terrestrial LiDAR scanning equipment and software.

RELEVANT PROJECT EXPERIENCE

Village of Key Biscayne, K-8 Basin Survey. Senior Project Surveyor. KCI provided comprehensive surveying and SUE services to support drainage and resiliency planning for the K-8 Basin. Services included topographic and boundary surveys with mean high water (MHW) line establishment, bathymetric mapping of Hurricane Harbor, Quality Level B utility designations using GPR and EM methods at Harbor Park, and integration of sanitary cleanouts into the survey basemap. Deliverables featured CAD base files, digital terrain models, GIS utility sketches, and signed/sealed drawings. Field and data coordination efforts aligned with ASCE 38-22 and FDOT protocols, enabling AECOM and the Village to advance critical stormwater infrastructure planning.

Village of Key Biscayne, VKB Garden District. Senior Project Surveyor. KCI provided survey and SUE efforts for this FEMA HMGP-funded stormwater improvement project, supporting design of a new conveyance system, pump station with injection wells, and rehabilitation of drainage infrastructure. KCI performed GNSS control extensions tied to the Village network, topographic updates, Quality Level B utility designations, and gravity utility as-builts along Ocean Drive, East Enid Drive, and Galen Drive. Final deliverables included Civil 3D files and a sealed surveyor's report.

City of Miami, Miscellaneous Survey and Mapping Services Contract. Senior Project Surveyor. KCI has provided a variety of survey services for this on-call contract, including general land surveying, right-of-way or boundary surveys, GPS mapping, GPR surveys, engineering and construction surveys, specific purpose surveys, topographic surveys, mean high water lines, submerged or filled lands, elevation certificates, and subsurface utility engineering (SUE).

City of Aventura, NE 191st Street Survey. Senior Project Surveyor. KCI provided surveying, mapping, and SUE services for this multi-corridor drainage and roadway improvement project. The team conducted utility designation using electromagnetic induction and ground-penetrating radar (GPR) to map existing utilities along NE 191st Street, NE 29th Avenue, and NE 188th Street. This data improved utility accuracy and supported further investigations. KCI also supplied detailed documentation and optional vacuum excavation services to verify underground utilities. Additionally, KCI performed a topographic survey and developed a digital terrain model (DTM) to assist with infrastructure planning. This process included documenting surface features, right-of-way lines, native trees, and elevation data essential for stormwater drainage design. The DTM utilized LiDAR data to map surface flow patterns near NE 191st Street, providing signed and sealed survey files and digital terrain data.



Senior Project Surveyor

YEARS OF EXPERIENCE: 26

LICENSES & REGISTRATIONS

PSM / FL / LS7490 / 2023

EDUCATION

BS / Surveying / Pirassununga University of Surveying Engineering

MEMBERSHIPS

FSMS - Member

Maxcell R. George, PSM, CFM

Mr. George has over 30 years of experience providing a wide range of survey services. His expertise includes ALTA, boundary, corridor, and topographic mapping for sites that range from complex urban areas to rural lands covering hundreds of acres. He also delivers plating, land divisions, easements, and hydrographic surveys. His ability to integrate the right technologies and processes with project results in economical, value-added survey products that clients can confidently rely on. Examples of technologies Mr. George utilizes in his award-winning projects include terrestrial and airborne LiDAR, subsurface utility engineering, aerial photogrammetry, mapping, and sonar. He has assisted a diverse clientele, including individuals, government agencies, and private companies across the Industrial, commercial, retail, residential, environmental, military, healthcare, utility, and transportation sectors.

RELEVANT PROJECT EXPERIENCE

Kimley-Horn, Tampa East RV ALTA Survey, Dover, FL. Project Surveyor. KCI was engaged by Kimley-Horn to provide professional surveying services for the Tampa East ALTA/NSPS Land Title Survey, covering the Greenacres and KOA Campgrounds in Dover, Florida. This project involved a detailed boundary and topographic survey adhering to current state and national standards, supporting due diligence for real estate and development planning. KCI's responsibilities included integrating field data with client-supplied zoning and title information, assessing utility presence, and preparing certified deliverables tailored to the needs of lenders, insurers, and stakeholders. The survey assisted in identifying physical site characteristics, easements, and access conditions critical to informed decision-making in property transactions.

City of Tampa Water Department, N Habana Ave Survey, Tampa, FL. Project Surveyor. Performed under the Utility Locating Services continuing contract, KCI delivered comprehensive Subsurface Utility Engineering (SUE) and topographic surveying services for the City of Tampa along a designated area of North Habana Avenue. Spanning approximately 500 feet south from Bel Aire Circle, this project integrated advanced electromagnetic and ground-penetrating radar technologies to accurately designate both conductive and non-conductive underground utilities. The work included full utility mapping, elevation data collection, and detailed survey deliverables conforming to City of Tampa standards. With GIS-based outputs and AutoCAD Civil 3D files, this project enhanced infrastructure planning by providing critical subsurface data and precise surface mapping, and will enable informed decision-making for future utility and roadway improvements.

City of Tampa As-Builts, Gulf Coast Custom Cable. Project Surveyor. KCI provided comprehensive land surveying and Subsurface Utility Engineering (SUE) services to deliver certified as-built documentation for approximately 4,800 linear feet of newly installed fiber optic cable for the City of Tampa, and Gulf Coast Custom Cable. Utilizing electromagnetic induction methods and trace wire-based utility designation, the KCI team accurately located and recorded horizontal and vertical positions of the utility corridor. Survey data collection was conducted using GPS real-time kinematic (RTK) methods aligned to NAVD 88 vertical datum and integrated with GIS-based right-of-way mapping derived from Hillsborough County property data. Deliverables included AutoCAD Civil 3D drawings with detailed coordinate tables, aerial overlays, and sealed certification by a Florida Professional Surveyor and Mapper.



Project Surveyor

YEARS OF EXPERIENCE: 30

LICENSES & REGISTRATIONS

PSM / FL / LS7343 / 2021

PLS / MI / 4001053443 / 2006

PLS / IN / LS20900166 / 2009

Certified Floodplain Manager

EDUCATION

BS / Land Surveying / Michigan Technological University

AAS / Civil Engineering Technology / Michigan Technological University

US Army Mapping, Charting and Geodesy Officer course

US Army Command and General Staff College

US Army Engineer Officer Basic Course and Advanced Courses

ArcGIS Online Courses

MEMBERSHIPS

Florida Surveying and Mapping Society, Tampa Bay Chapter

Michigan Society of Professional Surveyors, past Director

Indiana Society of Professional Surveyors

Aleksandr Bridwell



Survey Technician/ LiDAR Specialist

Mr. Bridwell is a survey technician with extensive surveying and mapping experience throughout Florida. He is a certified remote pilot, and his experience includes transmission line route surveys, preparation of easements via sketch and legal description, ALTA/NSPS surveys, boundary surveys, construction layout, topographic surveys, bathymetric surveys, as-built surveys, 3D modeling, LiDAR scanning, and UAS flights. Mr. Bridwell has experience in today's newest state-of-the-art software and equipment, including AutoCAD, TDS collection, dual frequency/survey grade GPS, and LiDAR.

RELEVANT PROJECT EXPERIENCE

Village of Key Biscayne, Professional Survey Services for Stormwater Utility and Right-of-Way Improvements. Survey Technician/LiDAR Specialist. KCI provided a comprehensive 24-mile right-of-way mapping and LiDAR-based DTM project commissioned by the Village of Key Biscayne. KCI established horizontal and vertical control, extracted finished floor elevations for 1,600+ buildings, and mapped over 25,000 trees and all visible ROW features using mobile, terrestrial, and aerial LiDAR sources. Deliverables support long-term infrastructure and drainage planning.

City of Miami Beach, Miscellaneous Survey and Mapping Services Contract. Survey Technician/LiDAR Specialist. KCI has performed a number of task orders on this ongoing contract for various locations/projects, including Maurice Gibb Memorial Park Boundary and Topographic Survey, Bonita Drive Topographic Survey, 5th Street Monumentation Topographic Survey, Madeline Village Crespi Boulevard Boundary and Topographic Survey, Belle Isle Park Topographic Survey, MacArthur Pedestrian Bridge Topographic Survey, as well as Allison Park Boundary and Topographic Survey.

Town of Surfside, Surfside Underground Utilities Phase II. Survey Technician/LiDAR Specialist. The Town of Surfside requested KCI to prepare a topographic survey and determine the right-of-way of an alleyway that is situated between Collins Avenue and Harding Avenue, located between 94th Street and 96th Street, to determine town right-of-way location and prepare a maintenance right-of-way map to be recorded with Miami-Dade County. The topographic features are being used by engineers and others for design purposes and re-location of above ground utilities to be moved underground. All survey work was performed in accordance with the Standards of Practice as set forth by the Board of Surveyors and Mappers pursuant to Rule 5J-17 of the Florida Administrative Code, pursuant to Section 472.027 Florida Statutes.

Miami-Dade County, 5th Street Metromover Station. Survey Technician/LiDAR Specialist. KCI prepared design development drawings and is working on the construction documents related to implementing improvements to this park site in a dense urban area. KCI performed site analysis and inventory, created concept designs and budgeting, and worked with Miami Dade County Parks, Recreation and Open Spaces to realize their vision. The programmed elements include a nature-based playground (age range 2-5 and 5-12), hardscape improvements, site lighting, park site amenities (benches, trash cans, dog waste stations), walkway through the site, landscape improvements, irrigation system, entrance improvements, and fencing.

Town of Miami Lakes, Miscellaneous Survey Services Contract. Survey Technician/LiDAR Specialist. KCI has completed a number of projects under this contract: Topographic Survey - Beautification Plan- NW 67th Avenue Project Lochness Tentative Plat Review Dunnwoody Tentative Plat Review Topographic Survey - Safe Route to School Miami Lakeway Trail Project Maddens Hammock Deed Review Boundary Survey – FDOT Parcel 5072 Project Lochness Final Plat Review Dunwoody Final Plat Review Miami Lakeway South Topographic Survey, Opa Locka Airport Topographic Survey and Sketch and Descriptions.

YEARS OF EXPERIENCE: 9

LICENSES & REGISTRATIONS

FAA Part 107 UAS (Drone) Pilot

EDUCATION

BS / Geomatic Engineering / Florida Atlantic University

MEMBERSHIPS

FSMS - Member

Chris Widmer



Survey Technician/ LiDAR Specialist

Chris Widmer is a Reality Capture Manager at KCI Technologies, Inc. He has 19 years of experience in the land surveying industry, specializing in 3D laser scanning, mobile/aerial LiDAR, drones, and other reality capture technologies. Chris has managed hundreds of laser scanning projects of every variety and is a company-wide resource for scanning workflows and quality assurance. He oversees laser scanning field crews and all pointcloud registrations for his region. Mr. Widmer also has significant experience in boundary, topographic, and utility surveying.

RELEVANT PROJECT EXPERIENCE

Village of Key Biscayne, Professional Survey Services for Stormwater Utility and Right-of-Way Improvements. Survey Technician/LiDAR Specialist. KCI provided a comprehensive 24-mile right-of-way mapping and LiDAR-based DTM project commissioned by the Village of Key Biscayne. KCI established horizontal and vertical control, extracted finished floor elevations for 1,600+ buildings, and mapped over 25,000 trees and all visible ROW features using mobile, terrestrial, and aerial LiDAR sources. Deliverables support long-term infrastructure and drainage planning.

The Beck Group, Tampa International Airport, Airside F Terminal. Survey Technician/ LiDAR Specialist. KCI provided surveying and mapping services for this project that involves mapping all publicly-owned ROW. KCI set survey control on 24 miles of roadway and mapped it with mobile, aerial, and terrestrial LiDAR 3D laser scanners. KCI also established the finished floor elevation of every building in the Village, more than 1,600 structures.

Hartsfield-Jackson Atlanta International Airport (ATL), Hartsfield-Jackson Atlanta International Airport Terminals. Survey Technician/LiDAR Specialist. KCI provided 3D laser scans of the entire lengths of airport terminals T, A, B, C, and D, covering approximately 1,268,000 square feet. After completion, 3D laser scans were collected above the ceiling tiles and plenum of the exact same areas. The client used these scans to design all new interior and exterior sections for renovations and placement of TSA areas. The airport used the 3D scan data to precisely locate the expansion joints of all MEP above the ceiling for their reference.

FDOT District 7, I-75 at Fowler Interchange, Hillsborough County, FL. Mobile Reality Capture Manager. This was a stand-alone landscape project on the southeast quadrant of the interchange that includes land sculpting to provide visual interest at the large flat clearing. The landscape theme shows the different ecosystems of Florida taking advantage of the modified terrain, which also includes some decorative gabion walls and rip rap design features.

Georgia Department of Transportation, 2018 Bridge Bundle #2, Contract 3, Hancock, Johnson, and Emanuel Counties, GA. Mobile Reality Capture Manager. As part of the GDOT Bridge Bundle Program, KCI is completing four bridge replacement projects. Each of these projects has its own individual challenges, but especially with environ-mental resources. There are streams, wetlands, historic properties, and protected species. These are standalone projects, so there are four separate plan sets and NEPA environmental documents. As a result of a late NTP on Task Order #1, the design team began the projects on a recovery schedule and are nearly back to the baseline schedule due to the technical abilities of the roadway and bridge design teams.

YEARS OF EXPERIENCE: 19

EDUCATION

Coursework / Georgia Perimeter College

Richard Dubaj

Mr. Dubaj is a Subsurface Utility Engineering (SUE) Project Manager with KCI and has over 35 years of technical and customer service experience with a background in telecommunications. He provides utility mapping at various quality levels, as defined in ASCE's Standard Guidelines CI/ASCE 38-02, and his responsibilities include utility condition assessment, communication of utility data to concerned parties, and implementation of utility accommodation policies. His responsibilities also include record research, field crew supervision, project sketches, and review of final CADD drawings and various aspects of quality control.

RELEVANT PROJECT EXPERIENCE

Village of Key Biscayne, K-8 Basin Survey. SUE Manager. KCI provided comprehensive surveying and SUE services to support drainage and resiliency planning for the K-8 Basin. Services included topographic and boundary surveys with mean high water (MHW) line establishment, bathymetric mapping of Hurricane Harbor, Quality Level B utility designations using GPR and EM methods at Harbor Park, and integration of sanitary cleanouts into the survey basemap. Deliverables featured CAD base files, digital terrain models, GIS utility sketches, and signed/sealed drawings. Field and data coordination efforts aligned with ASCE 38-22 and FDOT protocols, enabling AECOM and the Village to advance critical stormwater infrastructure planning.

Village of Key Biscayne, VKB Garden District. SUE Manager. KCI provided survey and SUE efforts for this FEMA HMGP-funded stormwater improvement project, supporting design of a new conveyance system, pump station with injection wells, and rehabilitation of drainage infrastructure. KCI performed GNSS control extensions tied to the Village network, topographic updates, Quality Level B utility designations, and gravity utility as-builts along Ocean Drive, East Enid Drive, and Galen Drive. Final deliverables included Civil 3D files and a sealed surveyor's report.

City of Miami, Miscellaneous Survey and Mapping Services Contract. SUE Manager. KCI has provided a variety of survey services for this on-call contract, including general land surveying, right-of-way or boundary surveys, GPS mapping, GPR surveys, engineering and construction surveys, specific purpose surveys, topographic surveys, mean high water lines, submerged or filled lands, elevation certificates, and subsurface utility engineering (SUE).

City of Aventura, NE 191st Street Survey. SUE Manager. KCI provided surveying, mapping, and SUE services for this multi-corridor drainage and roadway improvement project. The team conducted utility designation using electromagnetic induction and ground-penetrating radar (GPR) to map existing utilities along NE 191st Street, NE 29th Avenue, and NE 188th Street. This data improved utility accuracy and supported further investigations. KCI also supplied detailed documentation and optional vacuum excavation services to verify underground utilities. Additionally, KCI performed a topographic survey and developed a digital terrain model (DTM) to assist with infrastructure planning. This process included documenting surface features, right-of-way lines, native trees, and elevation data essential for stormwater drainage design. The DTM utilized LiDAR data to map surface flow patterns near NE 191st Street, providing signed and sealed survey files and digital terrain data.



SUE Supervisor

YEARS OF EXPERIENCE: 38

LICENSES & REGISTRATIONS

UTA Certified Utility Locator

EDUCATION

Coursework / Seminole Community College

Brent Reeves



GIS Specialist

Mr. Reeves is a Senior Project Manager in KCI's Geospatial Solutions Practice with a water resources background. His primary responsibility over his 24 years of experience has been to manage and conduct office and field efforts for storm drain and stormwater management inventory and inspection tasks, floodplain geodatabase development, developing and managing stormwater databases, mapping and inventory for SWPPPs, and providing support to Phase I and Phase II NPDES MS4 permit holders. Mr. Reeves is proficient in the use of Esri GIS software including ArcGIS, ArcPro, Collector, and Survey123 as well as MicroStation, Microsoft Access, and water resources modeling applications. Other specialties include data collection using out-of-the-box and custom Esri-based field and office editing applications, developing requirements and workflows for data collection, managing projects related to NPDES and TMDL compliance, and performing QA/QC of submittals. Mr. Reeves has gained a vast amount of subject matter expertise including data collection techniques, software solutions for data collection, developing and orchestrating training sessions with stakeholders, and full program workflow strategies for cost and time savings for GIS related full delivery projects.

RELEVANT PROJECT EXPERIENCE

Prince George's County, Floodplain Mapping / Floodplain Digitizing. GIS Specialist. KCI was tasked to digitize the 100-yr floodplain boundary and cross-section information from more than 1,800 floodplain studies throughout the County. This task included reviewing floodplain mapping documentation, georeferencing more than 3,000 plan sheets, and populating a floodplain geodatabase. Mr. Reeves was responsible for performing project manager duties, including client and stakeholder communications; developing and tracking the schedule; identifying and assigning backlog and tasks; tracking and reporting project status; managing up to 6 data compilers, including subconsultants; orchestrating project status meetings; overseeing the project quality control and submittals; and providing metadata to accompany the data products. He led a team of GIS and subject matter experts to determine the workflow; requirements and deliverables were met; and provide a successful project to the client.

Town of Ridgely, Infrastructure Mapping. GIS Specialist. KCI was tasked to complete an inventory and condition assessment of the Town's water and sewer systems. Mr. Reeves developed the database schema for the water and sewer features; researched water and sewer design plans; developed the field data collection solution; provided hands-on training of the application functionality; compiled water and sewer systems in a geometric network; and performed quality control of the resultant field data collection.

Frederick County Board of County Commissioners, Grass Swale QC District 6. GIS Specialist. As part of the Frederick County's NDPES and TMDL programs, the County initiated a grass swale determination program that evaluated existing ditches and channels to determine if the feature meet design criteria of a grass swale therefore allowing impervious treatment credit. KCI was tasked to provide support and quality control of the County's grass swale determination program. Mr. Reeves provided interpretation of the standard operating procedures; reviewed the grass swale determination results; performed quality control versus the standard operating procedures and analysis guidelines; and reported issues and program recommendations to the stakeholders.

St. Mary's County, Planimetric Geodatabase Update - St. GIS Specialist. KCI provided support to St. Mary's County, MD to perform GIS updates to the planimetric geodatabase layers for bridges, buildings, hydrology, transportation, utility poles, and other asset features. Mr. Reeves oversaw the GIS team that performed the planimetric geodatabase updates; coordinated the task with the client stakeholders; planned backlog and action items; and performed quality control of the resultant compilation.

YEARS OF EXPERIENCE: 24

LICENSES & REGISTRATIONS

NC Stormwater SCM Inspection & Maintenance

PennDOT Strmwtr Cntrl Meas. Visual Screen Inspect

PennDOT SMW Control Measures Cond Assess Inspect

Rosgen Level I

OSHA HAZWOPER 8-Hour Refresher Course

Maryland Biological Stream Survey Certification

Confined Space Entry Training

OSHA HAZWOPER 40-Hour Course

EDUCATION

MS / Environmental Science / Towson University

BS / Geology / Virginia Polytechnic Institute and State University



Benjamin Koubek, ISA, FNGLA, LIAF

Mr. Koubek has broad and unique experience in the municipal, utility, and commercial tree care industry. He is one of only a handful of Certified Arborists in Florida to hold both the ISA Municipal Specialist and Utility Specialist Certification. Mr. Koubek has an extensive background relating to utility vegetation management, plant deficiencies, and fertilization, pest identification and treatment, and knowledge of laws, codes, and ordinances relating to trees and plant material. Fully trained in Florida Grades and Standards for nursery plants, Mr. Koubek is a LIAF Certified Landscape Inspector with key experience that includes inspecting work performed in the field to see that standard operation procedures are followed, and performance standards are met, assisting in both drafting and administering City and County ordinances, and reviewing plans and availability of plant material as per specifications.

RELEVANT PROJECT EXPERIENCE

Turtle Run Community Development District, Turtle Run Civil Engineering. Arborist. KCI has served as District Engineer for the Turtle Run Community Development District (TRCDD) for more than 25 years. In the capacity of District Engineer, KCI attends all board meetings and coordinates closely with the District management team, board members and council on a variety of projects within the district. KCI reviews engineering permit plans submitted for compliance with District criteria and best engineering practices and techniques. In addition, KCI has also provided surveying, design, permitting, bidding and negotiation, construction management, and inspection services for various district projects.

City of Coconut Creek, SR 7/US 441 Landscape Design (HBC Grant). Arborist. KCI provided landscape post-design services and inspection for this streetscape, including new landscape, hardscape, and irrigation. This highway beautification grant project is in the City of Coconut Creek along US 441 from Cullum Road to Sawgrass Expressway. The project included an arborist's tree inventory and evaluation.

Florida Department of Transportation District Six, SR 826 from Flagler Street to NW 154th Street and SR 93/I-75 from SR 826 to NW 170 Street. Arborist. KCI provided landscape architecture, CEI, and establishment period monitoring for this project. The project was part of a series of stand-alone landscape interchange beautification projects along the Palmetto, increasing the urban forest with 4,400 trees and 126,000 shrubs. Following the landscape designs were required construction meetings and continuous site inspections for plan compliance. Mr. Koubek performed evaluation of trees and palms from tree survey to verify suitability for relocation. He provided landscape CEI after relocation, including ongoing monitoring and reporting during plant establishment.

Florida Department of Transportation District Six, SR 836/I-395 West of I-95. Arborist. This project consists of I-95 concrete pavement reconstruction for Miami-Dade County, Florida. The scope of work includes design to replace all concrete pavement within the I-95 corridor in a 1.6-mile-long section from NW 8th street to NW 29th Street.

Florida Department of Transportation District Four, Pompano Beach Mobility Sidewalks. Arborist. The project included the removal and construction of concrete sidewalks, gravity walls with handrails, concrete ditch pavement, curb ramps and curb & gutter, asphalt widening, replacement of driveways and harmonization to existing pavement, removal, relocation, and replacement of drainage structure and connecting pipes, placement and establishment of Bahia grass sod, removal, and replacement of thermoplastic and pre-formed striping, and removal and installation of single post signs.

Arborist

YEARS OF EXPERIENCE: 20

LICENSES & REGISTRATIONS

FNGLA Certified Landscape Irrigation Service Tech

FDOT CTQP Asphalt Paving

FDOT CTQP Quality Control Manager

FDOT/AMOT/TTC - Maintenance of Traffic - Advanced

FDOT/IMOT/TTC - Maintenance of Traffic - Int

The LTD Commercial Fertilizer Applicator Holder

FDEP/FSESCI Stormwater Erosion & Sed Ctrl Insp

FDOT/CBT Tier 1 Illicit Discharge Detection & Elim

FL Water Star Accredited Prof. - Cert. (FWS- AP)2

FNGLA Certified Landscape Contractor

FNGLA Certified Landscape Technician

LIAF Certified Landscape Inspector

ISA Certified Municipal Specialist

ISA Certified Oak Wilt Specialist

Florida Best Management Practices Certification

ISA Certified Utility Specialist

OSHA 10-Hour Training

ISA Certified Arborist

FDACS LTD Commercial Fertilizer Applicator

FDEP Green Industries Best Mgmt Practices (GI-BMP)

FNGLA Certified Horticulture Professional

EDUCATION

AA / General Studies / Valencia College

BS / Urban Forestry / University of Florida



Angela L. Alba, PE

CHIEF GEOTECHNICAL ENGINEER

AREHNA | Engineering, Inc.

Contact Information

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aalba@arehna.com

5389 N Nob Hill Road
Sunrise, Florida 33351

Licenses

Professional Engineer
Florida Registration No. 58538, 2002

Experience

26 years total
10 years at AREHNA

Education

Master of Science, Civil Engineering (Geotechnical)
Massachusetts Institute of Technology, 1998

Bachelor of Science, Civil Engineering
University of Puerto Rico, 1995

Career Summary

Ms. Alba has provided geotechnical engineering services on numerous geotechnical explorations over the past 26 years, including serving as the Geotechnical Discipline Lead for the I-595 Corridor Improvement project in Broward County, Florida, which is the first Public-Private-Partnership (P3) project ever awarded by FDOT. Ms. Alba has been involved in the planning, analysis, execution, and review of geotechnical projects ranging from roadway and railways to complex roadway bridge and tunnel projects to commercial high-rise buildings, school projects, and other local municipality projects. Ms. Alba has performed evaluations for retaining walls, drainage structures, shallow foundations, driven piles, drilled shafts, augercast piles, micropiles, and pressure injected footings. Ms. Alba's experience has also included finite element analysis, slope stability evaluations, soil nail wall design, and evaluation of geosynthetics applications, and geotechnical ground improvement techniques.

Project Experience

Soils, Foundation, and Materials Testing Services, Miami-Dade County, Florida Ms. Alba served as the Project Manager/Senior Geotechnical Engineer for this contract, which included geotechnical, construction materials testing and inspection services for the construction of various improvement projects, including water main extensions, intersection improvements, and sidewalks, for various Miami-Dade County departments, including Miami-Dade Water and Sewer, Public Works, Dade Aviation Consultants, and Parks and Recreation.

City of Miami, Miscellaneous Engineering Services, Miami, Florida Ms. Alba supports this contract on an as-needed basis. Scope includes roadway and drainage improvements, storm water management, Sea level rise and resilience, utility coordination, post design, Civil Engineering, Structural Engineering, Environmental Engineering, Marine & Coastal Engineering, Construction Engineering and Inspection (CEI) Services.

Miami Seaport Redevelopment Program, Project No. 5, Mobile Gangway Pads, Port of Miami, Miami, Florida Ms. Alba served as the Senior Geotechnical Engineer for the proposed Mobile Gangway Pads. Ms. Alba performed engineering analysis to determine lateral pressures imparted by the proposed Mobile Gangway Pads to the existing anchored bulkhead. Provided shallow and deep foundation recommendations.

City of Sunrise Geotechnical Engineering and Testing Continuing Services Contract (#2022000266), Sunrise, Florida AREHNA serves as the Prime subconsultant on this task-order contract. Ms. Alba serves as a Senior Geotechnical Engineer and overseas geotechnical engineering services, project oversight, field and laboratory coordination, analysis and recommendations. Projects include Wastewater Treatment Plant Replacement and pre-demolition of two buildings Sawgrass Wastewater Treatment Plant.

Professional Services Continuing Services for Design Projects, District Four, Florida Ms. Alba serves as a Senior Geotechnical Engineer for geotechnical services associated with this task workorder contract associated with roadway improvements that include milling and resurfacing, traffic safety, lighting structures, overhead sign structures, mast arm structures, and drainage structures. Geotechnical engineering services included drilling, laboratory testing, engineering analysis and reporting, utility coordination, permitting and (MOT) maintenance of traffic.

Miami-Dade Park & Recreation Department, (Crandon Park Golf Course Clubhouse), Miami, Florida Ms. Alba's responsibilities included technical oversight, foundation certification report preparation, and project management for the installation of the deep foundations for the new clubhouse.

A/E Parks and Recreation Design Continuing Services, Broward County, Florida AREHNA provides geotechnical engineering services for this task order contract which includes, park improvements, with new grandstands, concrete concourse, and drainage improvements. Ms. Alba serves as a Senior Geotechnical Engineer and provides recommendations for site preparation, foundation, pavement, and stormwater design.

District-Wide Geotechnical and Materials Testing, District Six, Florida Ms. Alba served as a Senior Geotechnical Engineer for this task-order contract. Scope of work has included pavement coring and geotechnical support of in-house design projects.

SBE/WMBE/DBE ▪ ACOE/AASHTO/FDOT Certified Lab www.arehna.com



GCME

PARTHA GHOSH, PE
President / Principal Geotechnical Engineer

Years of Experience: 33

KEY QUALIFICATION

Partha Ghosh has 33+ years of comprehensive experience working with the Florida's Turnpike Enterprise (FTE) and FDOT Districts (specifically District IV & VI) in the field of Geotechnical and Materials Engineering. He has served as the Senior Engineer/Project Manager and Geotechnical Engineer of Record for major FDOT/FTE projects in South Florida. He has extensive experience in performing field and in-house investigation for roadway and bridge foundations, quality control/assurance of Construction Engineering Inspection and utilizing the Standard Index System, and prepared the geotechnical reports for major FTE/FDOT Highway and Bridge projects.

EDUCATION & PROFESSIONAL REGISTRATIONS

M.S., Geotechnical Engineering, Clemson University, South Carolina, USA, 1993
B.S., Civil Engineering, Jadavpur University, Calcutta, India, 1988
Registered Professional Engineer, Florida, 1997

International Society of Soil Mech. & Geo Engg. (ISSMGE)
American Society of Civil Engineers (ASCE)
Florida Engineering Society (FES)
American Society of Highway Engineers (ASHE)

RELEVANT WORK EXPERIENCE

Mr. Ghosh has served as the Senior Engineer/Project Manager and Geotechnical Engineer of Record (GeoEOR) for the following FDOT / FTE projects:

Interstate I-95 HOV Lanes, From South of PGA Boulevard to South of Donald Ross Road, Palm Beach County, FL: Widening of I-95 for 3 miles, which included widening two existing bridges, MSE and sheet pile walls for grade separation, noise barrier walls, and sign and miscellaneous structures. The foundation system at one bent for one of the bridges used drilled shafts to minimize/eliminate the effect of any vibration caused due to foundation construction to the existing underground drainage structures.

Interstate I-95 HOV Lanes, From Linton Blvd. to LWDD L-30 Canal, Palm Beach County, FL: Widening of I-95 from Linton Boulevard to LWDD L-30, which included replacement/widening five existing bridges, MSE and sheet pile walls for grade separation and sign and miscellaneous structures.

Interstate I-95 HOV Lanes, From LWDD L-30 Canal to Gateway Boulevard, Palm Beach County, FL: Widening of I-95 for about 4 miles, which included replacement/widening two existing bridges, MSE and sheet pile walls for grade separation and sign and miscellaneous structures.

Interstate I-95 HOV Lanes, From Gateway Boulevard to 6th Avenue, Palm Beach County, FL: Widening of I-95 for about 4 miles, which included replacement/widening two existing bridges, MSE and sheet pile walls for grade separation and sign and miscellaneous structures.

Interstate I-95 HOV Lanes, 6th Avenue to Forest Hill Blvd., Palm Beach County, FL: Widening of I-95 for about 4 miles, which included replacement/widening five existing bridges, MSE and sheet pile walls for grade separation, noise barrier walls, and sign and miscellaneous structures.

Interstate I-95 HOV Lanes, From Forest Hill Boulevard to Congress Avenue, Palm Beach County, FL: Widening of I-95 for about 5 miles, which included replacement/widening three existing bridges, MSE and sheet pile walls for grade separation, noise barrier walls, and sign and miscellaneous structures.



2c. Relevant Experience of Each Team Member

The information regarding relevant experience can be found in the personnel resumes.

2d. Team's Approach in Providing Services to the Village

KCI, supported by AREHNA and GCME, will deliver coordinated, responsive, and technically rigorous geotechnical and surveying services to the Village of Key Biscayne. Our approach emphasizes immediate responsiveness, advanced technology, quality assurance, and alignment with the Village's resiliency and sustainability goals.

Integrated Team Structure

KCI will serve as the Prime Consultant, overseeing surveying and subsurface services. AREHNA will leverage its deep technical expertise across municipal and coastal infrastructure projects. GCME's extensive public-sector project experience, including prior work for the Village, confirms reliable, technically sound deliverables.

By combining these strengths, the Village benefits from a comprehensive, highly experienced team with the flexibility to adapt to small and large assignments.

Service Methodology Highlights

- **Responsiveness:** Local Miami office and dedicated South Florida crews enable rapid mobilization and support.
- **Technology Leadership:** cutting-edge terrestrial/mobile LiDAR, UAV drone surveys, hydrographic scanners, and robotic total stations for surveying operations. Similarly, geotechnical investigations will utilize the latest field exploration methods and laboratory testing technologies to support resilient, future-ready design.
- **Village Alignment:** Assignments directly support the Village's strategic priorities, including flood protection, shoreline reinforcement, and stormwater improvements.
- **QA/QC Commitment:** KCI maintains an ISO 9001:2015-certified quality program. All deliverables undergo multi-tiered technical reviews to confirm compliance with applicable standards.
- **Transparent Communication:** The contract manager, Benjamin Hoyle, will maintain proactive communication by providing regular updates, milestone reviews, and real-time field coordination with Village staff.
- **Flexibility:** KCI can scale resources within 24 to 48 hours, making sure the project schedules are met even during urgent or peak demands.

Through this integrated approach, KCI, AREHNA, and GCME will deliver resilient, innovative, and responsive services that the Village of Key Biscayne requires. Our focus on innovation, technical excellence, and client partnership confirms that every assignment directly advances the Village's infrastructure modernization and coastal resiliency goals.

KCI is dedicated to fostering strong working relationships through consistent, open communication. Establishing a clear communication channel is essential for effectively managing any project. We promote teamwork by making sure there is complete clarity and alignment on the goals of each task order, resulting in tangible outcomes. Our work process involves the entire team outlined in this statement of qualifications, engaging them from inception to successful completion. Our extensive experience with municipal projects in South Florida, including the Village, has prepared KCI to implement and enhance these practices successfully, confirming positive results every time.

By keeping lines of communication open, engaging in proactive problem-solving, and prioritizing quality control, our team strives to deliver projects that align with the City's objectives and contribute to the community's long-term improvement. Our team will schedule in-person meetings and will also be available via MS Teams, depending on the Village's preference and availability.



3a. Personnel Plan

Role	Firm	Personnel	Key Responsibilities	Daily	Weekly	Monthly
Contract Manager / Survey Lead	KCI	Benjamin Hoyle	Primary POC for Village. Manages staffing, QA/QC alignment, schedule adherence, and coordination across all task orders.	✓	✓	✓
QA/QC Manager	KCI	James Gellenthin	Technical oversight of all deliverables, reviews final reports/maps/plats, ensures compliance with Village and FAC 5J-17 standards.	As Needed	✓	✓
Project Surveyors	KCI	Newton Mendonca, Max George	Oversees daily field activities, field data QA, sketches, and CADD prep. Serves as direct supervisor for field crews and tech analysts.	✓	✓	✓
Survey / LiDAR / UAV Analysts	KCI	Aleksandr Bridwell, Chris Widmer	Processes LiDAR/UAV/conventional data, prepares DTMs and topographic base files, and integrates into CAD and GIS deliverables.	✓	✓	As Needed
SUE Supervisor	KCI	Richard Dubaj	Manages utility designation and vacuum excavation (QL A/B per ASCE 38-22), prepares utility maps, leads SUE crews.	✓	✓	As Needed
GIS Supervisor	KCI	Brent Reeves	Oversees GIS integration, metadata management, delivers GIS-compatible files. Supports stormwater and asset management mapping.	As Needed	✓	✓
Certified Arborist	KCI	Benjamin Koubek	Conducts tree surveys, health assessments, CEI-related recommendations. Supports planning and mitigation near protected vegetation.	As Needed	As Needed	✓
KCI Survey/SUE Crews			Survey/SUE Crews (all would be available as needed). They are included on page 75.			
Chief Geotechnical Engineer	AREHNA	Angela Alba	Oversees geotechnical scope, coordinates boring locations, field crews, lab testing, and develops reports per Village guidelines.	✓	✓	✓
Chief Support Geotechnical Engineer	GCME	Partha Ghosh	Senior engineer of record for geo deliverables. Reviews reports, supervises engineering analyses, and aligns scope with Village priorities.	✓	✓	✓



Operating Plan Summary

- **Work Authorization Process:** Upon receiving a Work Authorization, KCI's Contract Manager and Project Surveyors determine staffing needs based on project complexity, schedule, and deliverables. Internal resources and subconsultants are assigned accordingly.
- **Daily Operations:** Crews conduct field surveys, utility designations, and data capture. Analysts process data concurrently to maintain turnaround efficiency. Surveyors and SUE supervisors confirm in-field quality and responsiveness.
- **Weekly Operations:** Project Surveyors and QA/QC Manager conduct technical reviews of collected data and draft deliverables. Status updates and scheduling calls with Village staff occur weekly.
- **Monthly Operations:** QA/QC oversight, invoicing reviews, and long-range task planning are conducted. GIS and Arborist deliverables are updated and compiled where applicable.
- **Surge Capacity & Flexibility:** KCI maintains the ability to scale services (field crews, CAD support, geo teams) within 24 - 48 hours based on the Village's needs. Staff are full-time and supported by KCI's broader Florida operations.

3b. Personnel Plan

Staffing Basis

KCI has structured a strong and flexible project team to support the Village's Continuing Geotechnical and Survey Services Contract. Staffing levels are based on our direct experience providing services to the Village over the past five years, anticipated future work authorizations, and similar municipal continuing contracts across South Florida. Our model anticipates simultaneous small-to-medium assignments, which align with the Village's infrastructure maintenance, capital improvement, and resiliency goals.

Our proposed baseline staffing includes:

- Principal and QA/QC Manager
- Contract Manager / Survey Tasks Manager
- Project Surveyors
- Survey/LiDAR/UAV Analysts
- SUE Supervisor
- Certified Arborist
- GIS Supervisor
- Seven dedicated local Survey/SUE Field Crews
- Chief Geotechnical Engineer | AREHNA
- Chief Support Geotechnical Engineer | GCME

This team is supplemented by over 150 surveying and SUE professionals across KCI's Southeastern operations.

Employee Qualifications

The proposed team includes the following key personnel:

Jim Gellenthin, PSM – Principal | QA/QC Manager

As KCI's Chief Surveyor and QA/QC Manager, Jim brings over 39 years of experience managing and delivering high-precision survey data for transportation, municipal, utility, and environmental projects across Florida and the Southeast region, ensuring technical accuracy, regulatory compliance, and seamless coordination between field teams, engineers, and clients. His comprehensive knowledge includes ALTA/NSPS land title surveys, GPS control networks, utility mapping, construction staking, wetland delineation, and 3D topographic modeling. Jim has led survey efforts for complex projects for FDOT, managing LiDAR data acquisition, hydrographic mapping, and right-of-way analysis across multi-mile corridors. For municipal clients such as the Cities of Riviera Beach, Fort Myers, and Miami, he has overseen large-scale drainage and ADA compliance surveys involving thousands of structures and dozens of miles of roadway. Jim's extensive knowledge of UAV workflows, digital terrain modeling, and field-to-finish QA protocols makes him a trusted authority in advancing innovative survey-driven infrastructure solutions. Responsible for technical oversight, quality control, and deliverable certification, Jim is the current QA/QC Manager on the existing Village surveying contract.



Benjamin Hoyle, PSM – Contract Manager | Survey Tasks Manager

Benjamin Hoyle, PSM, is a veteran Survey Manager with over 25 years of experience delivering complex, high-accuracy geospatial and surveying solutions across Florida. As a licensed Professional Surveyor and Mapper, and Survey Practice Leader for KCI's Fort Lauderdale and Miami offices, Ben leads multidisciplinary teams on some of the state's most high-profile infrastructure projects, providing expert oversight in boundary, topographic, ALTA/NSPS, hydrographic, bathymetric, construction layout, and 3D modeling surveys. His portfolio spans municipal, utility, transportation, and environmental sectors, supporting agencies such as FDOT, FPL, and dozens of Florida cities and counties, including the City of Miami, the City of Miami Beach, and Miami-Dade County. Ben is skilled in the integration of mobile, aerial, and terrestrial LiDAR with conventional survey methods to create design-grade datasets that inform stormwater modeling, utility undergrounding, ADA improvements, and resilience planning. He has led large-scale efforts mapping hundreds of miles of public right-of-way, thousands of drainage structures, and entire municipal stormwater systems. Known for his precision, project leadership, and deep technical acumen in CAD, GNSS, and control network design, Ben makes sure every delivery meets the highest standards of accuracy, compliance, and client satisfaction. *Benjamin serves as the current Contract Manager on the existing Village surveying contract, being the direct point of contact for the Village and responsible for overall task order management.*

Newton Mendonca, PSM – Project Surveyor

A seasoned Project Surveyor with over 26 years of global experience delivering complex geospatial solutions across Florida and Brazil. Licensed in Florida and certified as an FAA Part 107 UAS Drone Pilot, Newton brings technical mastery in boundary, topographic, hydrographic, ALTA/NSPS, tunnel, and geodetic control surveys. His expertise spans high-precision 3D LiDAR scanning, DTM, and right-of-way mapping for roadway and bridge design, utility undergrounding, and major infrastructure planning. Newton has managed multi-phased public-sector projects for municipalities such as the City of Riviera Beach and the Town of Surfside, contributing critical survey data for utility relocation, bridge repair, and plat reviews. Fluent in the latest survey technologies, including AutoCAD, terrestrial LiDAR, and survey-grade GPS, he combines field expertise with advanced modeling to confirm accurate, design-ready deliverables for engineers and public agencies alike. Skilled in field crew supervision, right-of-way mapping, and construction surveys. Newton is the current project surveyor for the existing Village surveying contract.

Max George, PSM – Project Surveyor

With over three decades of leadership in land surveying and geospatial services, Max R. George, PSM, CFM, brings unmatched technical depth and operational excellence to every project. A licensed surveyor in Florida, Michigan, and Indiana, Max has successfully managed multimillion-dollar survey operations across urban and rural environments, including ALTA, boundary, topographic, and SUE-integrated surveys. His expertise spans UAV photogrammetry, LiDAR, right-of-way mapping, plating, floodplain management, and GIS integration. His prior work includes transportation design surveys, FEMA compliance products, and developing award-winning survey workflows and QA programs. Known for optimizing budgets, expanding services across states, and building high-retention teams, Max is a strategic asset for projects demanding precision, innovation, and leadership in surveying.

Aleksandr Bridwell – Survey/LiDAR/UAV Analyst

Aleksandr Bridwell is a skilled Survey Technician with over 9 years of experience delivering advanced geospatial services throughout Florida. A graduate of Florida Atlantic University's Geomatics Program and a certified remote pilot, Aleks combines deep field expertise with cutting-edge technology, including mobile/aerial/terrestrial LiDAR, 3D modeling, and UAV-based data collection. His portfolio spans major public and private infrastructure projects, including ADA compliance assessments, stormwater modeling, transmission line routing, hydrographic surveys, and roadway right-of-way mapping. Aleks has supported landmark efforts like the Village of Key Biscayne's stormwater utility survey and Fort Myers' Edgewood Neighborhood drainage design, delivering survey-grade data through a blend of LiDAR, UAS, and traditional methods. Proficient in AutoCAD, GPS/GNSS systems, and LiDAR extraction tools such as Cyclone and TopoDOT, Aleks consistently provides highly accurate and design-ready deliverables across municipal, utility, transportation, and environmental projects. Aleks is a Survey/LiDAR Analyst on the existing Village surveying contract.

Chris Widmer – Survey/LiDAR/UAV Analyst

Chris Widmer brings over 18 years of specialized expertise in 3D laser scanning, mobile LiDAR, and geospatial reality capture for transportation, infrastructure, and aviation projects. As a seasoned Mobile Reality Capture Manager and UAS Operator, Chris has led scanning operations across diverse environments, consistently delivering precise, high-resolution datasets for design, permitting, and construction. His experience includes overseeing full-scope field-to-finish scanning workflows, managing cloud registrations,



and streamlining production to meet tight schedules and budgets. Chris has supported major DOT projects for FDOT, GDOT, and local governments, including complex bridge replacements, urban road widenings, and airport facility surveys. His technical leadership has been instrumental in integrating laser scan data into AutoCAD and 3D modeling environments, enhancing design accuracy and interdisciplinary coordination. Chris is a Survey/LiDAR Analyst on the existing Village surveying contract.

Rick Dubaj – SUE Supervisor

Rick Dubaj is a highly experienced SUE Project Manager with over 36 years of technical expertise in utility mapping, field operations, and infrastructure coordination. With a strong foundation in telecommunications and certified as a UTA Utility Locator, Rick leads utility designation and condition assessment efforts across Florida, delivering SUE services at all ASCE 38-02 quality levels (A–D). His work spans high-profile projects for the City of Tampa, Tampa Electric Company, and FDOT, where he has managed complex underground utility investigations, conflict analysis, and vacuum excavation services. From overseeing Sunshine 811 utility locate programs involving tens of thousands of annual tickets to supporting design-build stormwater infrastructure and power distribution improvements, Rick is known for his precision, client communication, and ability to coordinate field crews and CADD deliverables under tight deadlines. His leadership confirms the integrity of existing utility systems during design and construction, safeguarding public infrastructure and project success. Rick is the SUE supervisor for the existing Village surveying contract.

Benjamin Koubek – Certified Arborist

Benjamin Koubek, ISA, FNGLA, LIAF, is a seasoned Senior Construction Inspector with 18 years of specialized experience in landscape, irrigation, and arboricultural inspection services across Florida's transportation and public infrastructure sectors. With over a dozen professional certifications, including ISA Certified Arborist, Utility Specialist, and Municipal Specialist, Ben brings exceptional technical knowledge to every project, ensuring regulatory compliance, long-term landscape success, and ecological sensitivity. He has led landscape and irrigation CEI for major FDOT and Florida's Turnpike Enterprise projects, overseeing complex beautification initiatives, palm relocations, native plant installations, and hardscape integrations. Known for his detailed establishment period monitoring and field inspection reporting, Ben's expertise confirms sustainable outcomes across urban corridors, highway interchanges, and environmentally sensitive regions. His deep understanding of plant material standards, stormwater BMPs, and FDOT requirements makes him a key asset to multidisciplinary project teams across the state. Ben is the current Arborist on the existing Village surveying contract.

Brent Reeves – GIS Supervisor

Brent Reeves is a Senior Project Manager with over 22 years of environmental and geospatial expertise specializing in stormwater infrastructure, NPDES compliance, and GIS-driven asset management. With dual degrees in Environmental Science and Geology, Brent has led dozens of complex stormwater, drainage, and water quality programs across the Southeast and Mid-Atlantic regions, including South Florida. He is a recognized subject matter expert in developing geospatial solutions that integrate field data collection, impervious accounting, BMP inspections, and database-driven reporting for clients such as FDOT, MDOT SHA, DelDOT, and numerous county governments. Brent has managed statewide programs supporting MS4 permit compliance, TMDL tracking, illicit discharge detection, and stormwater retrofit design using Esri-based platforms, including Collector, Survey123, and ArcGIS Online. From designing inspection workflows and training consultants to overseeing storm drain and BMP inventory spanning thousands of features, Brent delivers scalable, data-rich solutions that optimize infrastructure performance and regulatory reporting.

Seven Survey/SUE Field Crews

Experienced in boundary, topographic, hydrographic/bathymetric, and utility surveys; MOT-certified; dedicated to Village project support, KCI's field crews are Survey Technicians on the existing Village surveying contract.

Angela Alba, PE – Chief Geotechnical Engineer | AREHNA

Ms. Alba has provided geotechnical engineering services on numerous geotechnical explorations over the past 26 years, including serving as the Geotechnical Discipline Lead for the I-595 Corridor Improvement project in Broward County, Florida, which is the first Public-Private-Partnership (P3) project ever awarded by FDOT. Ms. Alba has been involved in the planning, analysis, execution, and review of geotechnical projects ranging from roadway and railways to complex roadway bridge and tunnel projects to commercial high-rise buildings, school projects, and other local municipality projects. Ms. Alba has performed evaluations for retaining walls,



drainage structures, shallow foundations, driven piles, drilled shafts, augercast piles, micropiles, and pressure-injected footings. Ms. Alba's experience has also included finite element analysis, slope stability evaluations, soil nail wall design, evaluation of geosynthetics applications, and geotechnical ground improvement techniques.

Partha Ghosh, PE – Chief Support Geotechnical Engineer | GCME

Licensed Professional Engineer in Florida with 32+ years of geotechnical and materials engineering experience. Mr. Ghosh has managed over 350 major FDOT, FTE, and municipal projects, specializing in foundation evaluations, materials testing, and geotechnical reporting for roadway and bridge projects.

Tab C, Section 2 provides resumes for these key personnel detailing years of experience, education, professional certifications, and sample projects for reference.

Full-Time/Part-Time Status

All proposed KCI staff and field crews assigned to this contract will be allocated on a full-time basis to make sure consistent service delivery, schedule adherence, and responsiveness to the Village's project needs. Leveraging KCI's extensive staffing resources throughout Florida and the Southeastern United States, we are able to maintain dedicated key personnel for Village projects without interruption. Additional staffing demands arising from other projects are managed internally through our broad organizational bench, making sure uninterrupted support for the Village at all times.

KCI has strategically partnered with two qualified geotechnical consulting firms, AREHNA and GCME, to provide additional flexibility. Should one of these small businesses encounter a temporary high workload, the Village will still have immediate access to a larger pool of qualified geotechnical personnel. This approach confirms the continuous availability of specialized expertise, even during periods of peak demand.

In addition to surveying and geotechnical services, KCI's South Florida offices have in-house capabilities in landscape architecture, transportation engineering, civil engineering, CEI, available on an as-needed basis to support task-specific requirements if the Village requests them.

Staffing Process and Determination

Upon receipt of a Work Authorization, KCI's Contract Manager (Benjamin Hoyle, PSM) and Task Managers will evaluate the assignment's specific scope, complexity, and schedule requirements. Staffing assignments are determined based on:

- Required technical expertise, such as conventional surveying, LiDAR data collection, UAV mapping, subsurface utility engineering, or geotechnical investigation.
- Scope of deliverables, such as sketches and legal descriptions, boundary surveys, digital terrain models (DTMs), or geotechnical foundation recommendations.
- Turnaround time expectations and the Village's desired schedule.

Assignments are staffed from KCI's local pool of dedicated resources to confirm continuity, responsiveness, and institutional knowledge retention. Geotechnical engineering tasks are assigned through the integration of our subconsultants AREHNA and GCME, confirming the appropriate expertise is matched to each assignment.

Process for Adjustments

KCI maintains flexibility in scaling resources up or down depending on the Village's evolving needs. If accelerated schedules or expanded scopes arise, additional licensed surveyors, engineers, CADD technicians, or field crews can be reassigned from our South Florida operations within 24 to 48 hours. Our internal resource management system, combined with coordination between our contract manager, QA/QC manager, technical leads, and subconsultants, confirms that the Village consistently receives the necessary staffing and technical support to meet its service needs. KCI's commitment to flexibility has already been demonstrated during our previous work for the Village. For example, during the topographic survey and geotechnical soil borings performed at the K-8 School basketball courts, our team rapidly mobilized field crews and drilling teams during the winter break. By executing field operations while the school was closed, we avoided delays and minimized costs by eliminating the need for extensive safety planning associated with active school operations. This proactive and responsive approach exemplifies the level of service the Village can expect throughout the term of the Continuing Services Contract.



3d. Position's Role and Responsibilities

Role	Personnel	Responsibilities
Principal / QA/QC Manager	James Gellenthin, PSM	Responsible for technical oversight, quality assurance/quality control (QA/QC) of all survey and geotechnical deliverables, and certification of final products. Review preliminary and final reports, plats, and legal descriptions, and confirm compliance with Village standards and Florida statutes.
Contract Manager / Survey Tasks Manager	Benjamin Hoyle, PSM	Serves as the primary point of contact for the Village. Oversees contract execution, manages task order assignments, confirms schedule adherence, and coordinates with internal and subconsultant teams. Oversees survey activities with Project Surveyors.
Project Surveyor	Newton Mendonca, PSM / Max George, PSM	Directs daily field operations, oversees survey crew activities, reviews field data for completeness, prepares draft sketches and field notes, and supports CADD and deliverable production.
Survey/LiDAR/UAV Analyst	Aleksandr Bridwell / Chris Widmer	Processes field-collected data, including conventional survey data, mobile/terrestrial LiDAR scans, and UAV imagery. Prepares digital terrain models (DTMs), topographic base files, and supports CAD/GIS deliverables.
SUE Supervisor	Rick Dubaj	Manages subsurface utility engineering (SUE) activities including Quality Level B (utility designation) and Level A (vacuum excavation) investigations. Prepares utility maps, coordinates field activities, and confirms compliance with ASCE 38-22 standards.
Certified Arborist	Benjamin Koubek, ISA, FNGLA, LIAF	Conducts tree location surveys, health assessments, and provides recommendations for tree protection or mitigation in coordination with survey deliverables.
GIS Supervisor	Brent Reeves	Oversees the integration of survey and SUE data into GIS platforms. Prepares metadata, ensures coordinate system compatibility, and delivers GIS-compatible files and datasets to the Village.
Survey/SUE Field Crews	Seven Field Crews	Conduct all field data collection activities, including boundary surveys, topographic mapping, utility designation, and construction staking. Field staff are trained in GNSS, total station, and LiDAR equipment operations.
Chief Geotechnical Engineer | AREHNA	Angela Alba, PE	Oversee geotechnical investigations, including boring programs, laboratory testing, and preparation of preliminary and final geotechnical reports. Serves as Engineer of Record for geotechnical deliverables.
Chief Support Geotechnical Engineer | GCME	Partha Ghosh, PE	Will likely mirror responsibilities related to coordination of geotechnical field work, lab analysis, and reporting.

Village of Key Biscayne

Continuing Geotechnical and Survey Services | RFQ # 2025-11

TAB D – SUBCONTRACTING PLAN

KCI



D. Subcontracting Plan

Firm	Field of Expertise	Years in Operation	Certifications	Services to be Provided	Personnel
AREHNA	Geotechnical Engineering & Materials Testing	16+ years	FDOT/State/County SBE/DBE	Subsurface investigations, soil analysis, QA/QC review, recommendations	Angela Alba, PE
GCME	Geotechnical Engineering	24+ years	FDOT/State/County SBE/DBE	Foundation engineering, slope stability, boring oversight, reporting	Partha Ghosh, PE

Subconsultants References

AREHNA

Miami-Dade County

Public Works Construction Division

Rene Idarraga, PE, Chief
111 NW 1ST Street, 14th Floor Miami, Florida 33128
Rene.Idarraga@miamidade.gov | (305) 375-2111

AREHNA

City of Sunrise

Utilities Department

Fernando Pleitez, PE
777 Sawgrass Corporate Parkway Sunrise, Florida 33325
FPleitez@sunrisefl.gov | (954) 888-6017

GCME

Florida Department of Transportation

District Four

Paul Lampley, PE
3400 West Commercial Blvd. Fort Lauderdale, FL 33309
Paul.Lampley@dot.state.fl.us | (954) 845-9552

GCME

Florida Department of Transportation

District Four

Robert Bostian, PE
3400 West Commercial Blvd. Fort Lauderdale, FL 33309
Robert.Bostian@dot.state.fl.us | (954) 777-4427

AREHNA is currently partnering with KCI on multiple Florida municipal contracts, including an active engagement for Broward County. GCME has worked directly with KCI on previous assignments for the Village, including geotechnical and SUE support for stormwater improvement projects. Both firms bring decades of experience supporting complex infrastructure, transportation, and municipal projects.

Management and Oversight

Geotechnical services will be scoped, scheduled, and reviewed by KCI's Contract Manager, Benjamin Hoyle, PSM, and all deliverables will undergo QA/QC review by KCI's Principal Surveyor, Jim Gellenthin, PSM. Subconsultant geotechnical reports and recommendations will be developed and certified by the licensed Geotechnical Managers noted above, ensuring conformance with the Village's design standards, resiliency goals, and regulatory expectations.

Monitoring and Compliance

This subcontracting plan will be incorporated into KCI's contract with the Village and monitored throughout the life of the agreement. Subconsultant participation will be tracked and reported by category of work under each task order. KCI's internal resource management platform and ISO 9001:2015-certified QA/QC program will support continuous performance tracking, schedule alignment, and technical quality assurance for all subcontracted services.

Village of Key Biscayne

Continuing Geotechnical and Survey Services | RFQ # 2025-11

TAB E – PROPOSAL APPROACH

KCI



E. Proposal Approach

Approach to Implementation

KCI is uniquely positioned to provide the Village of Key Biscayne with high-quality, responsive geotechnical and surveying services under this continuing services contract. Our approach is rooted in decades of municipal experience, a proven track record of performance, and a commitment to advancing the Village's goals of resiliency, sustainability, infrastructure modernization, and placemaking.

From initial coordination through final deliverables, KCI brings comprehensive technical capabilities, strategic scheduling, and an emphasis on innovation to confirm that each assignment supports the Village's broader goals in infrastructure resiliency, coastal protection, stormwater management, and community development.

GEOTECHNICAL SERVICES APPROACH

Our Geotechnical Services team will deliver site investigation, analysis, reporting, and construction support to enhance the resiliency and longevity of Village assets, supporting strategies such as fortifying seawalls, improving flood protection, and designing sustainable infrastructure.

KEY ELEMENTS OF KCI'S GEOTECHNICAL APPROACH

- Project Set-Up and Coordination. Each task order begins with a detailed scoping and scheduling effort led by the Project Manager. Kickoff meetings will align Village needs with field operations, emphasizing critical areas such as flood-prone zones or infrastructure slated for upgrades under the Resiliency and Future initiatives.
- Field Investigations. AREHNA and GCME will deploy experienced field teams using state-of-the-art drilling rigs, CPT equipment, and in-house certified laboratories for soil and rock testing. We will conduct borings, test pits, groundwater monitoring, and laboratory analyses as required.
- Advanced Analysis and Reporting. Our geotechnical engineers will evaluate subsurface conditions and provide comprehensive recommendations for foundations, pavement design, slope stability, dewatering, and mitigation of liquefaction or settlement risks. Reports will be tailored to support strategic priorities like elevating structures and securing stormwater systems.
- Construction Support. AREHNA and GCME will provide real-time construction monitoring, compaction testing, submittal review, and dewatering consultation, ensuring compliance with Village resiliency objectives and minimizing environmental impacts.
- Documentation. Deliverables will include preliminary and final geotechnical reports, boring logs, engineering recommendations, and meeting participation to support stakeholder decision-making.

SURVEY SERVICES APPROACH

KCI understands that high-quality survey data is fundamental to resilient design, smart infrastructure investment, and maintaining the character of Key Biscayne. Our Survey Division, backed by Florida-licensed Professional Surveyors and Mappers and seven local field crews, will deliver responsive, accurate services across all requested survey categories.

Key Elements of KCI's Surveying Approach

- Boundary and Right-of-Way Surveys. Certified boundary and ROW surveys will support projects aligned with updated development regulations, resilient streetscapes, and coastal protection efforts.
- Topographic and Hydrographic Surveys. Topographic data and hydrographic mapping will directly support drainage improvements, shoreline fortification, and flood mitigation planning efforts per the Village's Resiliency and Future plan.
- Construction Layout and As-Builts. We will provide high-accuracy construction staking, verification surveys, and as-builts to expedite project delivery and uphold quality control across capital projects.
- Advanced Technologies.
  - Terrestrial, mobile, and drone-based LiDAR to create highly accurate Digital Terrain Models (DTMs)
  - GIS integration for asset management and long-term resiliency tracking



- Remote-controlled hydrographic surveying for stormwater and coastal projects

- Data and Deliverables. All deliverables (survey maps, plats, CAD files, GIS databases) will be formatted to seamlessly integrate with Village systems and support engineering, design, FEMA submittals, and environmental permitting.

Commitment to Innovation and Sustainability

KCI is committed to integrating innovative technology and sustainable practices into all project phases to support the Village's goals for resilience, sustainability, and placemaking. Our approach will:

- Leverage mobile and terrestrial LiDAR, drone photogrammetry, and ground-penetrating radar (GPR) to minimize field disruptions and maximize data precision.
- Expedite the adoption of resilient design best practices by delivering timely, reliable data for flood protection, green infrastructure, and seawall strengthening initiatives.
- Align geotechnical and survey efforts with the Village's Resiliency and Future strategies, including securing flood protection, enhancing stormwater storage, and reinforcing the Village's coastal and bayside infrastructure.

Qualifications and Experience

- The institutional knowledge of our Contract Manager, Benjamin Hoyle, and his supporting staff is of great value, as it complements the expertise of many of the Village's currently employed staff. This continuity will lead to less rework and faster project execution.
- Experienced, Florida-licensed Professional Surveyors and Engineers with municipal infrastructure specialization.
- Certified laboratories for geotechnical testing, ISO 9001:2015-certified QA/QC program, and a robust internal project tracking system.
- A demonstrated history of successful delivery for projects directly supporting coastal resilience, drainage improvements, public parks, and right-of-way enhancements.

Previous Experience

KCI has surveyed the entire Village public rights-of-way and more in the last five years. Our deep understanding, established survey control, and records put us in the position to provide the quickest and cheapest survey deliverables for the Village due to this unique experience and data from our past performance, including:

Master Island Survey (boundary, topographic, hydrographic, and floodplain surveys): KCI prepared a comprehensive survey for the Village of Key Biscayne in Florida, completed within 14 months that included mapping of all visible features within the public right-of-way spanning over 24 miles of roadway, inclusive of a Digital Terrain Model (DTM) and the facades of all buildings lining the route. Leveraging our expertise and cutting-edge technology, KCI deployed both mobile and terrestrial 3D LiDAR scanners to collect data, further enhancing the dataset with aerial LiDAR. In parallel, KCI established a robust network of horizontal and vertical control points to precisely delineate the 24-mile right-of-way along the road network. Additionally, KCI meticulously determined the finished floor elevation for more than 1,600 structures across the Village and mapped the location and height of over 25,000 trees within the right-of-way.

- **Boundary Surveys:** KCI has prepared numerous Boundary Surveys and title review of various parcels, including review of abstract of title, providing opinions of statements of boundary determinations for the Hacienda Canal.
- **Geotechnical Engineering and Topographic Surveys:** KCI and our subconsultant, GCME, partnered together to provide Subsurface Utility Engineering (SUE) utility designates, soil borings and testing, and topographic survey of the sports field at St. Agnes Catholic Church and performed the same services at the basketball courts for the Key Biscayne K-8 Center.
- **Hydrographic/Bathymetric and Mean High-Water (MHW) Surveys:** KCI has prepared hydrographic surveys for the Village of the Hacienda Canal and Hurricane Harbor. These surveys were used to prepare MHW surveys for boundary determination, seawall design, and hydraulic calculations/analysis for the design of new stormwater drainage outfalls.
- **Utility Mapping and As-Built Surveys:** KCI's Survey and SUE Team have obtained hundreds of sanitary and stormwater gravity structures as-builts and miles of underground utility mapping for the K-8 Basin and Garden District stormwater design.
- **Sketch and Descriptions:** KCI has prepared several public beach access descriptions, drainage easements, and temporary construction easements for recording in Miami-Dade County on behalf of the Village.



Workload Management and Prioritization

KCI maintains a robust bench of qualified personnel to support Surveying services and is fully committed to making sure that the key staff listed in our proposal remain dedicated to the Village of Key Biscayne projects. When workload demands increase, KCI strategically assigns overflow work to our broader support team, prioritizing the availability of key personnel for Village-specific tasks. To support Geotechnical services, KCI has partnered with two experienced small-business subconsultants. This dual-firm approach provides built-in redundancy and flexibility, making sure that if one firm experiences high demand, the other can maintain progress without delay. This structure allows us to uphold an aggressive project schedule, as needed, to meet the Village's expectations.

Facilities, Technology, and Resources

KCI deploys a full suite of state-of-the-art technologies to support Village projects:

- Robotic Total Stations and Dual-Frequency GPS.
- Static, Mobile, and Drone-Based LiDAR Systems.
- Tablet-Based Real-Time Data Collectors.
- Hydrographic Surveying Platforms.
- AutoCAD Civil 3D, ArcGIS, and advanced geospatial software.

Commitment to Timeliness and Quality Control

Continuous communication between KCI and the Village staff is crucial. We believe this is key to success at every level of project management. Each assignment will include:

- Tailored QA/QC plan under ISO 9001:2015 standards
- Concurrent field and office workflows
- Same-day field-to-office data transfers where feasible
- Dedicated senior reviewers for all deliverables
- Transparent communication with Village project managers throughout project execution

Conclusion

KCI is honored to continue supporting the Village of Key Biscayne in its commitment to resiliency, sustainability, infrastructure modernization, and quality of life enhancement. Through responsive service, advanced technology, and local expertise, we will deliver the geotechnical and survey services necessary to help the Village navigate climate challenges, foster vibrant places, and preserve its unique coastal character for future generations.

Village of Key Biscayne

Continuing Geotechnical and Survey Services | RFQ # 2025-11

TAB G – INSURANCE

KCI



TAB G – INSURANCE

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 3/28/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Certificate Request Team
Lyons Insurance Agency Inc 501 Carr Road, Suite 301 Wilmington DE 19809	PHONE (A/C, No. Ext): 302-472-2908 FAX (A/C, No): 302-658-1253 E-MAIL ADDRESS: certificates@lyonsinsurance.com

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
KCITECH-01 KCI Technologies, Inc. 936 Ridgebrook Road Sparks, MD 21152	INSURER A : National Union Fire Insurance Company of Pittsburg	19445
	INSURER B : New Hampshire Insurance Company	23841
	INSURER C : Zurich American Insurance Co	16535
	INSURER D : Twin City Fire Insurance Company	29459
	INSURER E : XL Specialty Insurance Company	37885
	INSURER F : Great American Insurance Co.	16691

COVERAGES **CERTIFICATE NUMBER:** 1382816156 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY** CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [X] PRO-JECT [X] LOC OTHER:	Y	Y	GL 5222413	4/1/2025	4/1/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Contractual Liab.	$ 2,000,000 $ 500,000 $ 25,000 $ 2,000,000 $ 4,000,000 $ 4,000,000 $ 2,000,000
A	**AUTOMOBILE LIABILITY** X ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY SCHEDULED AUTOS NON-OWNED AUTOS ONLY	Y	Y	CA 4489582	4/1/2025	4/1/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) Hired Physical Dam.	$ 2,000,000 $ $ $ $
E F	X **UMBRELLA LIAB** X OCCUR **EXCESS LIAB** CLAIMS-MADE DED RETENTION $	Y	Y	US00151740LI25A TUU 0202925-14	4/1/2025 4/1/2025	4/1/2026 4/1/2026	EACH OCCURRENCE AGGREGATE Per Occ/Aggregate	$ 10,000,000 $ 10,000,000 $ 5,000,000
B	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** Y / N ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	Y	WC 013711852	4/1/2025	4/1/2026	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 2,000,000 $ 2,000,000 $ 2,000,000
C D E	Contractor Equip. - Leased/rented Crime - Third Party Ocean Marine	Y Y Y		CPP 4613089-15 44 KB 0260907-24 UM00217655MA25A	1/1/2025 1/1/2025 3/8/2025	1/1/2026 1/1/2026 3/8/2026	Leased/Rented Equip Per Occurrence Protection/Indemnity	500,000 1,000,000 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The Additional Insured(s) referenced below are included as Additional Insured under General & Automobile Liability, for ongoing and completed operations, where required by written contract or agreement. Waiver of Subrogation is granted under General, Automobile Liability & Workers' Compensation, where required by written contract or agreement & allowable by state law. This insurance is primary and non-contributory to any other insurance. Umbrella Liability is Following Form with the Underlying. If coverage is cancelled by the company, notice of cancellation will be provided at least 30 days in advance, subject to state-specific statutes.

CERTIFICATE HOLDER

Evidence of Liability
USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 12/10/2024

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IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Klein Agency P.O. Box 219 Timonium MD 21094	**CONTACT NAME:** **PHONE (A/C, No, Ext):** (410) 832-7600 **FAX (A/C, No):** (410) 832-1849 **E-MAIL ADDRESS:** certs@kleinagencyllc.com
INSURED KCIHOLD-01 KCI Technologies, Inc. 936 Ridgebrook Road Sparks MD 21152	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A :** XL Specialty Insurance Company / 37885 **INSURER B :** **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** 1902821477 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY CLAIMS-MADE / OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY / PRO-JECT / LOC OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ $ $ $ $ $
	AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY / SCHEDULED AUTOS HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ $ $
	UMBRELLA LIAB / OCCUR **EXCESS LIAB** / CLAIMS-MADE DED / RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Y / N) **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					PER STATUTE / OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $
A	Professional Liability			DPR5037386	12/15/2024	12/15/2025	Per Claim Aggregate	$10,000,000 $15,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
If required by an insured written contract, executed prior to any loss, Waiver of Subrogation is provided for Professional Liability Policy subject to all policy terms and conditions. 30 day notice of cancellation, 10 day for non-payment.

CERTIFICATE HOLDER

Evidence of Coverage

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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AREHENG-01 EMORRIS

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 5/28/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102	PHONE (A/C, No, Ext): (703) 827-2277	FAX (A/C, No): (703) 827-2279
	E-MAIL ADDRESS: admin@amesgough.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : Hartford Underwriters Insurance Company A+ (XV)	30104
INSURED	INSURER B : Nutmeg Insurance Company	39608
Arehna Engineering, Inc. 5012 W. Lemon Street Tampa, FL 33609	INSURER C : Hartford Fire Insurance Company A+ (XV)	19682
	INSURER D : Endurance American Specialty A+, XV	41718
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR			42SBABF9U42	5/26/2024	5/26/2025	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 1,000,000
							MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	X POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:							$
B	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS			42UEGAG0617	5/26/2024	5/26/2025	BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB X OCCUR						EACH OCCURRENCE	$ 5,000,000
	EXCESS LIAB CLAIMS-MADE			42SBABF9U42	5/26/2024	5/26/2025	AGGREGATE	$ 5,000,000
	DED X RETENTION $ 10,000							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N: N	N / A		42WECBF9W7E	5/26/2024	5/26/2025	E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
D	Professional Liab.			DPL30060751200	5/26/2024	5/26/2025	Per Claim/Aggregate	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

EVIDENCE OF COVERAGE

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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GCMEINC-01 TANBR1

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 11/12/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
Commercial Ins Specialists LLC 3438 Colwell Ave Tampa, FL 33614	PHONE (A/C, No, Ext): (813) 288-1000	FAX (A/C, No): (813) 330-2424
	E-MAIL ADDRESS:	

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Southern-Owners Insurance Company A++XV	10190
INSURER B : Auto-Owners Insurance Company	18988
INSURER C : US SPECIALTY INSURANCE CO A+XV	29599
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
GCME, Inc.
1730 W. 10th St
Riviera Beach, FL 33404

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC OTHER: General Aggregate	X		20625531	12/9/2024	12/9/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 300,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
B	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY SCHEDULED AUTOS HIRED AUTOS ONLY NON-OWNED AUTOS ONLY			4418988301	5/13/2024	5/13/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
A	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $			4754085600	12/9/2024	12/9/2025	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N: N If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		A106564625	12/9/2024	12/9/2025	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 500,000 $ 500,000 $ 500,000
C	Professional Liab			USS2435182	11/22/2024	11/22/2025	Each Claim	2,000,000
C	Professional Liab			USS2435182	11/22/2024	11/22/2025	Aggregate	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
ALL OPERATIONS
KCI Technologies, Inc. is listed as Additional Insured With Respect To General Liability. 30 Days' Notice Of Cancellation, Except 10 Days For Non- Payment Of Premium.

CERTIFICATE HOLDER

KCI Technologies, Inc.
1425 West Cypress Creek Rd
Suite 101
Fort Lauderdale, FL 33309

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

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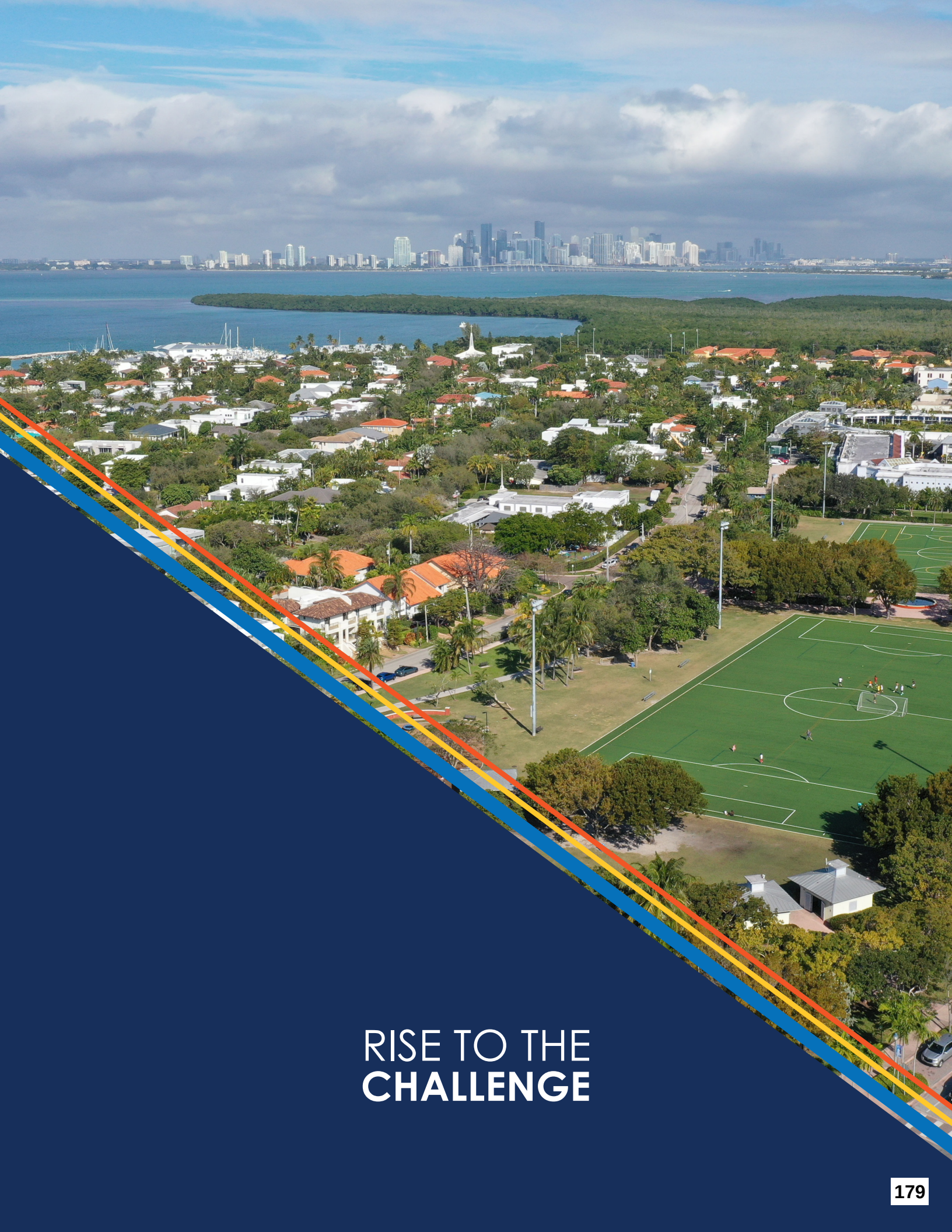


RISE TO THE **CHALLENGE**

VILLAGE OF KEY BISCAYNE
RFQ # 2025-11 Continuing Geotechnical and Survey Services
RATE SCHEDULE

Roles	Bill Rate/Hour
Principal-in-Charge	$350.00
Survey Practice Leader	$250.00
Project Manager	$185.00
Project Surveyor & Mapper	$215.00
Survey & Mapping/SUE Computer Technician	$115.00
GIS Analyst	$135.00
Survey/SUE/GIS Technician	$115.00
Survey Field Coordinator / Supervisor	$135.00
Survey Crew Chief	$115.00
Senior Field Technician	$80.00
Field Technician	$70.00
Survey Crew Instrument Person	$80.00
Survey Crew Rod Person	$70.00
Survey Crew (Party of Two) Conventional	$195.00
Survey Crew (Party of Three) Conventional	$265.00
Survey Crew (Party of Four) Conventional	$335.00
Survey Crew (Party of Two) Conventional & GPS	$195.00
Survey Crew (Party of Three) Conventional & GPS	$265.00
Survey Crew (Party of Four) Conventional & GPS	$335.00
Survey Crew (Party of Two) Conventional & GPS & HD Scan	$195.00
Survey Crew (Party of Three) Conventional & GPS & HD Scan	$265.00
Survey Crew (Party of Four) Conventional & GPS & HD Scan	$335.00
Designating Services – 3 Men Crew	$265.00
S.U.E Technician 1 (Entry)	$70.00
S.U.E Technician 2 (Junior)	$80.00
S.U.E Technician 3 (Senior)	$115.00
LiDAR/UAS Specialist	$140.00
UAS/Drone Pilot	$135.00
3D Laser Scanning Survey Crew w/Scanner	$335.00
Administrative Support	$80.00
Certified Arborist	$125.00

KCI
ISO 9001:2015 CERTIFIED
ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS
5835 Waterford District Drive, Suite 303 • Miami, FL 33126 • Phone 305-477-7667

VILLAGE OF KEY BISCAYNE
RFQ # 2025-11 Continuing Geotechnical and Survey Services
RATE SCHEDULE

Roles	Bill Rate/Hour
Licensed Professional Land Surveyor	$215.00
Survey Practice Leader	$250.00
Project Manager	$185.00
Project Surveyor	$200.00
Administrative Support	$80.00
Certified Arborist	$125.00
CADD Technician	$120.00
LiDAR/UAS Specialist	$140.00
UAS/Drone Pilot	$136.35
3D Laser Scanning Survey Crew w/scanner	$350.00
GIS Specialist	$140.00
Field Crew Supervisor	$120.00
SUE Technician 1 (Entry)	$67.00
SUE Technician 2 (Junior)	$80.00
SUE Technician 3 (Senior)	$106.00

AREHNA | Engineering, Inc.

2025-2026 Unit Fee Schedule

ENGINEERING SERVICES	Unit	Rate
Principal Engineer	Hour	$ 285.00
Chief Engineer	Hour	$ 250.00
Senior Engineer	Hour	$ 235.00
Project Manager	Hour	$ 175.00
Engineer	Hour	$ 185.00
Professional Geologist	Hour	$ 140.00
Engineer Intern	Hour	$ 120.00
CADD/Computer Technician	Hour	$ 110.00
Senior Inspector	Hour	$ 105.00
Senior Engineering Technician	Hour	$ 90.00
Inspector	Hour	$ 80.00
Engineering Technician	Hour	$ 70.00
Technical Secretary	Hour	$ 80.00
Secretary/Clerical	Hour	$ 65.00

AREHNA | Engineering, Inc.

2025-2026 Unit Fee Schedule

Geotechnical Services

GEOTECHNICAL SERVICES		Unit	Rate
Field Services			
209	Asphalt Pavement Coring - 4in dia with Base Depth Check	Each	$ 288.00
210	Asphalt Pvmt. Coring - 4in dia without Base Depth Check	Each	$ 235.00
211	Asphalt Pavement Coring - 6in dia with Base Depth Check	Each	$ 325.00
212	Asphalt Pvmnt Coring - 6in dia without Base Depth Check	Each	$ 265.00
302	Concrete Cylinder Curing, Capping & Breaking ASTM C39	Test	$ 52.00
303	Concrete Drilled Cores & Sawed Beams ASTM C42	Test	$ 76.00
305	Concrete Pavement Coring - 4in Dia	Each	$ 288.00
306	Concrete Pavement Coring - 6in Dia	Each	$ 325.00
401	Geo Auger Borings	LF	$ 15.00
404	Geo Backhoe (Rental without labor)	Day	$ 900.00
406	Geo Barge (Rental without labor)	Day	$ 6,450.00
407	Geo Chainsaw (Owned)	Day	$ 150.00
408	Geo Concrete Pad & Cover for Monitoring Wells	Each	$ 460.00
415	Geo Double Ring Infiltration ASTM D3385	Each	$ 750.00
417	Geo Dozer (Rental without labor)	Day	$ 1,120.00
418	Geo Drill Crew Support Vehicle	Day	$ 270.00
427	Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	Each	$ 92.00
428	Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	Each	$ 94.00
429	Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	$ 108.00
430	Geo Extra SPT Samples-Truck/Mud Bug 150-200 Ft	Each	$ 120.00
431	Geo Extra SPT Samples-Truck/Mud Bug 200-250 Ft	Each	$ 152.00
432	Geo Field Perm 0-10 Ft Open-End Borehole Method	Each	$ 475.00
433	Geo Field Perm 10-25Ft Open-End Borehole Method	Each	$ 635.00
440	Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	LF	$ 8.25
441	Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	LF	$ 10.00
442	Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	$ 13.00
443	Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	$ 18.00
444	Geo Grout Boreholes- Truck/Mud Bug 200-250 Ft	LF	$ 20.00
445	Geo Grouted Monitor Well 2in 0-50 Ft	LF	$ 70.00
446	Geo H& Auger with DCP (0-50 ft) ASTM D1452	LF	$ 30.00
447	Geo H& Auger with SCP (0-50 ft) ASTM D1453	LF	$ 27.00
450	Geo Piezometer 2in 0-50 Ft	LF	$ 61.00
462	Geo Rock Coring Truck/Mud Bug 0-50 Ft 4in ID & over	LF	$ 79.50
463	GeoRocCoring Truck/MudBug 0-50 Ft less than 4in ID	LF	$ 53.00
464	Geo Rock Coring Truck/Mud Bug 50-100 Ft 4in ID over	LF	$ 87.00
465	GeoRocCoring Truck/MudBug 50-100 Ft les than 4in ID	LF	$ 70.00
466	GeoRocCoring Truck/MudBug 100-150 Ft 4in ID & over	LF	$ 100.75
467	GeoRocCoring Truck/MudBug 100-150 Ft les than 4in ID	LF	$ 81.50
468	GeoRocCoring Truck/MudBug 150-200 Ft 4in ID & over	LF	$ 113.00
469	GeoRocCoring Truck/MudBug 150-200 Ft les than 4in ID	LF	$ 103.00
470	GeoRocCoring Truck/MudBug 200-250 Ft 4in ID & over	LF	$ 145.00
471	GeoRocCoring Truck/MudBug 200-250 Ft les than 4in ID	LF	$ 110.00
478	Geo SPT Truck/Mud Bug 0-50 Ft	LF	$ 18.50
479	Geo SPT Truck/Mud Bug 50-100 Ft	LF	$ 23.00
480	Geo SPT Truck/Mud Bug 100-150 Ft	LF	$ 35.00
481	Geo SPT Truck/Mud Bug 150-200 Ft	LF	$ 47.00
482	Geo SPT Truck/Mud Bug 200-250 Ft	LF	$ 61.00

GEOTECHNICAL SERVICES		Unit	Rate
488	Geo Temp Casing 3in Truck/Mud Bug 0-50 Ft	LF	$ 13.00
489	Geo Temp Casing 3in Truck/Mud Bug 50-100 Ft	LF	$ 16.00
490	Geo Temp Casing 3in Truck/Mud Bug 100-150 Ft	LF	$ 21.00
491	Geo Temp Casing 3in Truck/Mud Bug 150-200 Ft	LF	$ 26.00
492	Geo Temp Casing 3in Truck/Mud Bug 200-250 Ft	LF	$ 27.00
498	Geo Temp Casing 4in Truck/Mud Bug 0-50 Ft	LF	$ 14.50
499	Geo Temp Casing 4in Truck/Mud Bug 50-100 Ft	LF	$ 17.00
500	Geo Temp Casing 4in Truck/Mud Bug 100-150 Ft	LF	$ 21.00
501	Geo Temp Casing 4in Truck/Mud Bug 150-200 Ft	LF	$ 24.00
502	Geo Temp Casing 4in Truck/Mud Bug 200-250 Ft	LF	$ 27.00
508	Geo Temp Casing 6in Truck/Mud Bug 0-50 Ft	LF	$ 19.50
509	Geo Temp Casing 6in Truck/Mud Bug 50-100 Ft	LF	$ 22.00
510	Geo Temp Casing 6in Truck/Mud Bug 100-150 Ft	LF	$ 27.00
511	Geo Temp Casing 6in Truck/Mud Bug 150-200 Ft	LF	$ 30.00
512	Geo Temp Casing 6in Truck/Mud Bug 200-250 Ft	LF	$ 36.00
514	Geo Truck/Mud Bug Mobil (30 miles straightline distance)	Each	$ 740.00
519	Geo Undisturbed Samples Truck/Mud Bug 0-50 Ft	Each	$ 215.00
520	Geo Undisturbed Samples Truck/Mud Bug 50-100 Ft	Each	$ 250.00
521	Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	$ 320.00
522	Geo Undisturbed Samples Truck/Mud Bug 150-200 Ft	Each	$ 355.00
525	Geo Well Development	Hour	$ 248.00
531	Geo Truck/Mudbug Drill Rig and Crew (2-person)	Hour	$ 295.00
532	Geo Truck/Mudbug Drill Rig and Crew (3-person)	Hour	$ 375.00
539	Geo Wash Boring, 0-50 Ft	LF	$ 15.00
540	Geo Wash Boring, 50-100 Ft	LF	$ 18.00
541	Geo Wash Boring, 100-150 Ft	LF	$ 26.00
542	Geo Wash Boring, 150-200 Ft	LF	$ 29.00
543	Geo Wash Boring, 200-250 Ft	LF	$ 33.00
603	Mobilization Asphalt Coring Equipment	Each	$ 480.00
606	Mobilization Concrete Coring	Each	$ 480.00
612	Mobilization Drill Rig Truck Mount	Each	$ 750.00
Laboratory Services			
800	Soils Chloride Soil or Water FM 5-552	Test	$ 104.00
801	Soils 1-D Consolidation AASHTO T216 (more than 12 loads)	Test	$ 135.00
802	Soils 1-D Consolidation AASHTO T216 (up to 12 loads)	Test	$ 804.00
803	Soils Consolidation - Constant Strain ASTM D4186	Test	$ 665.00
804	Soils Consol-Extend Load Incrmnts AASHTO T216	Day	$ 225.00
805	Soils Corrosion Series FM 5-550 through 5-553	Test	$ 294.00
806	Soils Direct Shear Consolid Drained/ Point FM 3-D3080	Test	$ 450.00
808	Soils Flexible Wall Permeability ASTM D5084	Test	$ 615.00
809	Soils Hydrometer Only AASHTO T88	Test	$ 198.00
810	Soils Limerock Bearing Ratio (LBR) FM 5-515	Test	$ 465.00
811	Soils Liquid Limit AASHTO T89	Test	$ 76.00
812	Soils Materials Finer than 200 Sieve FM 1-T011	Test	$ 60.00
814	Soils Miniature Vane Shear Test ASTM D4648	Test	$ 40.00
817	Soils Moisture Content Laboratory AASHTO T265	Test	$ 25.00
818	Soils Moisture Content Microwave AASHTO D4643	Test	$ 25.00
819	Soils Organic Content Ignition FM 1 T-267	Test	$ 60.00
821	Soils Particle Size Anlys AASHTO T88 (Incl. Hydrometer)	Test	$ 225.00
822	Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	Test	$ 90.00
823	Soils Permeability Constant Head AASHTO T215	Test	$ 430.00
824	Soils Permeability Falling Head FM 5-513	Test	$ 395.00

GEOTECHNICAL SERVICES		Unit	Rate
825	Soils pH Soil or Water FM 5-550	Test	$ 60.00
826	Soils Plastic Limit & Plasticity Index AASHTO T90	Test	$ 82.00
827	Soils Proctor Modified FM 1-T180	Test	$ 170.00
828	Soils Proctor Standard AASHTO T99	Test	$ 170.00
829	Soils Resistivity Soil or Water FM 5-551	Test	$ 70.00
830	Soils Shrinkage Factor AASHTO T92	Test	$ 127.00
831	Soils Specific Gravity AASHTO T100	Test	$ 96.00
832	Soils Split Tensile Strgth of Rock Cores ASTM D3967	Test	$ 185.00
833	Soils Sulfate Soil or Water FM 5-553	Test	$ 79.00
835	Soils Triaxl Consl-Drain (CD) Per Point\Cell ASTM D7181	Test	$ 754.00
836	Soils Tri Cnsl-Undrn (CU) Pt\Cell AASHTO T297/ASTM D4767	Test	$ 665.00
837	Soil Tri Uncsl-Undrn (UU) Pt\Cell AASHTO T296/ASTM D2850	Test	$ 545.00
838	Soils Unconfined Compression - Rock ASTM D7012, Method C	Test	$ 212.00
839	Soils Unconfined Compress - Soil AASHTO T208/ASTM D2166	Test	$ 253.00
Misc. Support Services			
900	Maintenance of Traffic - Lane Closure	Day	$ 2,000.00
901	Maintenance of Traffic - Lane Closure with Flaggers	Day	$ 2,300.00
902	Maintenance of Traffic - Intersection	Day	$ 2,600.00
903	Site Clearing	Day	$ 2,500.00
904	Geophysical Survey (GPR)	Day	$ 2,300.00
905	Utility Scanning	Day	$ 2,000.00
906	Shallow Test Pits	Each	$ 250.00
907	Unmortorized Support Boat	Day	$ 500.00
908	Bulk or Sediment Samples	Each	$ 95.00
-	Specialty Drilling (ATV, CPT, Mini Rig, etc.)		Quote per job
-	Specialty Lab Testing		Quote per job
-	Permits		Actual Cost

AREHNA | Engineering, Inc.

2025-2026 Unit Fee Schedule

Construction Services

CONSTRUCTION MATERIAL TESTING LABORATORY SERVICES

Laboratory Testing

Soil	Units	Rate
Modified Proctor Test (ASTM D1557)	each	$ 170.00
Standard Proctor Test (ASTM D698)	each	$ 170.00
Limerock Bearing Ratio (LBR) Test (FM5-515)	each	$ 465.00
Natural Moisture Content (ASTM D2216)	each	$ 25.00
-#200 Wash (ASTM D1140)	each	$ 60.00
Grain Size Analysis (ASTM D422)	each	$ 90.00
Grain Size Analysis (ASTM D422) with Hydrometer	each	$ 225.00
Atterberg Limits (ASTM D4318)	each	$ 86.00
Organic Content (ASTM D2974)	each	$ 60.00
Specific Gravity of Soils (ASTM D854)	each	$ 96.00
Soils Corrosion Series FM 5-550 through 5-553	each	$ 294.00
Consolidation Test on Undisturbed Samples (ASTM D2435)	each	$ 665.00
Unconfined Compression Test Soils (ASTM D2166)	each	$ 253.00
Unconfined Compression Test Rock (ASTM D7012)	each	$ 212.00
Constant Head Permeability Test of Sand (ASTM D2434)	each	$ 430.00
Laboratory Permeability Test of Fine Grained Soil (ASTM D5084)	each	$ 615.00
Triaxial Shear Test - Unconsolidated Undrained (UU) (ASTM D2850)	each	$ 545.00
Triaxial Shear Test - Consolidated Undrained (CU) (ASTM D4767)	each	$ 665.00
Direct Shear Test (ASTM D3080)	each	$ 450.00

Concrete & Grout	Units	Rate
Laboratory Compressive Strength Test of 4x8 Cylinders (ASTM C39)	cylinder	$ 35.00
Laboratory Compressive Strength Test of Prisms (ASTM C1019) - *1 set of 4*	set	$ 160.00
Laboratory Compressive Strength Test of Cubes (ASTM C109) - *1 set of 6*	set	$ 200.00
Laboratory Compressive Strength Test of Cores (ASTM C42)	each	$ 76.00
Floor Flatness and Levelness Testing (ASTM E1155)		
Testing of Slab up to 20,000 sf	each	$ 825.00
each additional 10,000 sf	each	$ 275.00

Asphalt	Units	Rate
Extraction & Gradation Test (FM1-T-030 & FM5-563)	each	$ 185.00
RICE Testing (FM1-T-209)	each	$ 185.00
Asphalt Cores for Density & Thickness	each	$ 55.00
Asphalt Coring Rig	day	$ 480.00

Miscellaneous	Units	Rate
Vibration Monitoring Mobilization	job	$ 500.00
Vibration Monitoring - Remote, per unit	week	$ 600.00
Vibration Monitoring - Installation, Maintenance and Removal of Unit	hour	$ 120.00
Geo Saximeter Testing	hour	$ 195.00

Notes:
1. Minimum charge of 4 hours (portal to portal) will apply for soils, concrete and asphalt testing, when requested.
2. Minimum charge of 3 hours (portal to portal) will apply for all sample pickups when not scheduled concurrent with testing.
3. Minimum charge of 4 hours (portal to portal) will apply for all Structural Steel Inspection. Client must provide access to inspection members. Minimum of 48 hours notice required for Structural Steel & Fireproofing Inspection.
4. Cancel without notice trips will be charged as a sample pick up.
5. The above rates are based on normal working hours between 7:00 am to 5:00 pm Monday thru Friday. Work performed greater than 8 hours per day or hours, outside of normal, working hours including weekend, or holiday work will be invoiced at overtime rates of 1.5 times the normal hourly rate.
6. Site safety meetings and project safety training meetings required by the contractor will be billed at normal billable unit rate above.
7. For jobsite or field testing or sampling services, personnel hours are charged for job preparation including specifications, drawings, and lab data review, consultations with engineers, mobilization, travel time portal, demobilization and documentation for reports.

GCME, Inc.
UNIT FEE SCHEDULE

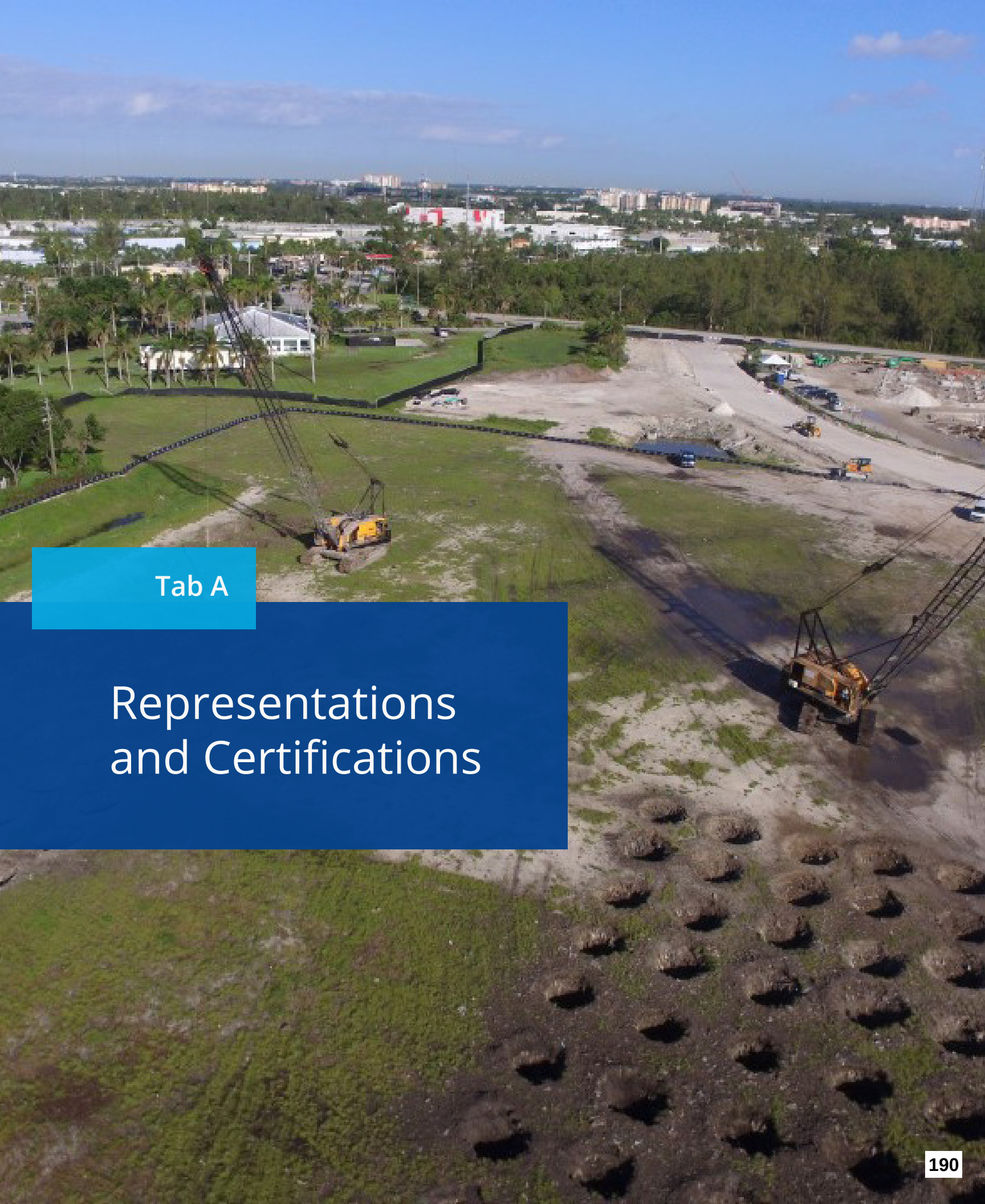
No.	ITEM DESCRIPTION	Unit	Unit Price
211	Asphalt Pavement Coring - 6in dia with Base Depth Check	Each	$ 285.00
212	Asphalt Pvmnt Coring - 6in dia without Base Depth Check	Each	$ 200.00
305	Concrete Pavement Coring - 4in Dia	Each	$ 300.00
306	Concrete Pavement Coring - 6in Dia	Each	$ 400.00
401	Geo Auger Borings-H& & Truck/Mud Bug	LF	$ 15.00
402	Geo Auger Borings-Track	LF	$ 18.00
404	Geo Backhoe (Rental without labor)	Day	$ 2,000.00
406	Geo Barge (Rental without labor)	Day	$ 6,500.00
408	Geo Concrete Pad & Cover for Monitoring Wells	Each	$ 450.00
415	Geo Double Ring Infiltration ASTM D3385	Each	$ 700.00
418	Geo Drill Crew Support Vehicle	Day	$ 250.00
422	Geo Extra SPT Samples-Barge/Track/Amphib 0-50 Ft	Each	$ 80.00
423	Geo Extra SPT Samples-Barge/Track/Amphib 50-100 Ft	Each	$ 90.00
424	Geo Extra SPT Samples-Barge/Track/Amphib 100-150 Ft	Each	$ 110.00
427	Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	Each	$ 65.00
428	Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	Each	$ 70.00
429	Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	$ 80.00
432	Geo Field Perm 0-10 Ft Open-End Borehole Method	Each	$ 500.00
433	Geo Field Perm 10-25Ft Open-End Borehole Method	Each	$ 600.00
435	Geo Grout Boreholes- Barge/Track/Amphib 0-50 Ft	LF	$ 11.00
436	Geo Grout Boreholes- Barge/Track/Amphib 50-100 Ft	LF	$ 13.00
437	Geo Grout Boreholes- Barge/Track/Amphib 100-150 Ft	LF	$ 18.00
440	Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	LF	$ 8.00
441	Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	LF	$ 10.00
442	Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	$ 12.00
445	Geo Grouted Monitor Well 2in 0-50 Ft	LF	$ 60.00
450	Geo Piezometer 2in 0-50 Ft	LF	$ 65.00
452	Geo Rock Coring Brg/Track/Amph 0-50 Ft 4in ID & over	LF	$ 90.00
454	GeoRocCoring Brg/Track/Amph 50-100 Ft 4in ID & over	LF	$ 98.00
456	GeoRocCoring Brg/Track/Amph 100-150 Ft 4in ID & over	LF	$ 115.00
462	Geo Rock Coring Truck/Mud Bug 0-50 Ft 4in ID & over	LF	$ 70.00
464	Geo Rock Coring Truck/Mud Bug 50-100 Ft 4in ID over	LF	$ 75.00
466	GeoRocCoring Truck/MudBug 100-150 Ft 4in ID & over	LF	$ 90.00
473	Geo SPT Barge/Track/Amphib 0-50 Ft	LF	$ 30.00
474	Geo SPT Barge/Track/Amphib 50-100 Ft	LF	$ 40.00
475	Geo SPT Barge/Track/Amphib 100-150 Ft	LF	$ 60.00
478	Geo SPT Truck/Mud Bug 0-50 Ft	LF	$ 18.00
479	Geo SPT Truck/Mud Bug 50-100 Ft	LF	$ 27.00
480	Geo SPT Truck/Mud Bug 100-150 Ft	LF	$ 35.00
483	Geo Temp Casing 3in Barge/Track/Amphib 0-50 Ft	LF	$ 18.00
484	Geo Temp Casing 3in Barge/Track/Amphib 50-100 Ft	LF	$ 21.00
485	Geo Temp Casing 3in Barge/Track/Amphib 100-150 Ft	LF	$ 26.00
488	Geo Temp Casing 3in Truck/Mud Bug 0-50 Ft	LF	$ 14.00
489	Geo Temp Casing 3in Truck/Mud Bug 50-100 Ft	LF	$ 16.00
490	Geo Temp Casing 3in Truck/Mud Bug 100-150 Ft	LF	$ 20.00
493	Geo Temp Casing 4in Barge/Track/Amphib 0-50 Ft	LF	$ 24.00
494	Geo Temp Casing 4in Barge/Track/Amphib 50-100 Ft	LF	$ 28.00
495	Geo Temp Casing 4in Barge/Track/Amphib 100-150 Ft	LF	$ 35.00
498	Geo Temp Casing 4in Truck/Mud Bug 0-50 Ft	LF	$ 16.00

GCME, Inc.
UNIT FEE SCHEDULE

No.	ITEM DESCRIPTION	Unit		Unit Price
499	Geo Temp Casing 4in Truck/Mud Bug 50-100 Ft	LF	$	18.00
500	Geo Temp Casing 4in Truck/Mud Bug 100-150 Ft	LF	$	24.00
505	Geo Temp Casing 6in Barge/Track/Amphib 0-50 Ft	LF	$	28.00
506	Geo Temp Casing 6in Barge/Track/Amphib 50-100 Ft	LF	$	30.00
507	Geo Temp Casing 6in Barge/Track/Amphib 100-150 Ft	LF	$	38.00
508	Geo Temp Casing 6in Truck/Mud Bug 0-50 Ft	LF	$	18.00
509	Geo Temp Casing 6in Truck/Mud Bug 50-100 Ft	LF	$	21.00
510	Geo Temp Casing 6in Truck/Mud Bug 100-150 Ft	LF	$	26.00
514	Geo Truck/Mud Bug Mobil (30 miles straightline distance)	Each	$	700.00
515	Geo Undisturbed Samples Barge/Track/Amphib 0-50 Ft	Each	$	300.00
516	Geo Undisturbed Samples Barge/Track/Amphib 50-100Ft	Each	$	375.00
517	Geo Undisturbed Samples Brg/Track/Amph 100-150 Ft	Each	$	450.00
519	Geo Undisturbed Samples Truck/Mud Bug 0-50 Ft	Each	$	225.00
520	Geo Undisturbed Samples Truck/Mud Bug 50-100 Ft	Each	$	275.00
521	Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	$	325.00
531	Geo Truck/Mudbug Drill Rig and Crew (2-person)	Hour	$	300.00
532	Geo Truck/Mudbug Drill Rig and Crew (3-person)	Hour	$	400.00
533	Geo Track/Barge Drill Rig and Crew (2-person)	Hour	$	450.00
534	Geo Track/Barge Drill Rig and Crew (3-person)	Hour	$	600.00
539	Geo Wash Boring, 0-50 Ft	LF	$	15.00
540	Geo Wash Boring, 50-100 Ft	LF	$	17.00
601	Mobilization - Tugboat	Each	$	3,500.00
603	Mobilization Asphalt Coring Equipment	Each	$	600.00
604	Mob Barge Large w/o Crane (permit required)	Each	$	18,000.00
605	Mob Barge Small w/o Crane (permit not required)	Each	$	14,000.00
606	Mobilization Concrete Coring	Each	$	600.00
608	Mobilization Drill Rig Amphibious	Each	$	12,500.00
609	Mobilization Drill Rig Barge Mount	Each	$	12,500.00
610	Mobilization Drill Rig Track Mount	Each	$	3,000.00
612	Mobilization Drill Rig Truck Mount	Each	$	700.00
614	Mobilization Mudbug/All Terrain Vehicle	Each	$	2,500.00
618	Mobilization Support Boat	Each	$	800.00
700	MOT Arrow Board	Each	$	100.00
701	MOT Attenuator Truck	Hour	$	275.00
702	MOT Channelizing Devices - Type I, II, VP, Drum (each)	Each	$	10.00
706	MOT Portable Sign	Each	$	50.00
707	MOT Post Mounted Sign	Each	$	25.00
708	MOT Provide Channelizing Devices - Cone	Each	$	10.00
712	MOT Support Vehicle	Hour	$	150.00
805	Soils Corrosion Series FM 5-550 through 5-553	Test	$	250.00
809	Soils Hydrometer Only AASHTO T88	Test	$	150.00
810	Soils Limerock Bearing Ratio (LBR) FM 5-515	Test	$	450.00
811	Soils Liquid Limit AASHTO T89	Test	$	70.00
812	Soils Materials Finer than 200 Sieve FM 1-T011	Test	$	50.00
817	Soils Moisture Content Laboratory AASHTO T265	Test	$	25.00
819	Soils Organic Content Ignition FM 1 T-267	Test	$	50.00
821	Soils Particle Size Anlys AASHTO T88 (Incl. Hydrometer)	Test	$	200.00
822	Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	Test	$	80.00
826	Soils Plastic Limit & Plasticity Index AASHTO T90	Test	$	80.00
832	Soils Split Tensile Strgth of Rock Cores ASTM D3967	Test	$	175.00

GCME, Inc.
UNIT FEE SCHEDULE

No.	ITEM DESCRIPTION	Unit		Unit Price
835	Soils Triaxl Consl-Drain (CD) Per Point\Cell ASTM D7181	Test	$	625.00
836	Soils Tri Cnsl-Undrn (CU) Pt\Cell AASHTO T297/ASTM D4767	Test	$	675.00
837	Soil Tri Uncsl-Undrn (UU) Pt\Cell AASHTO T296/ASTM D2850	Test	$	500.00
838	Soils Unconfined Compression - Rock ASTM D7012, Method C	Test	$	175.00
839	Soils Unconfined Compress - Soil AASHTO T208/ASTM D2166	Test	$	250.00
	Florida Patrolmen (Traffic Control)	Hour	$	85.00
	Egineering and Technical Services			
	Principal Engineer	Hour	$	275.00
	Senior Geotechnical Engineer	Hour	$	225.00
	Project Engineer	Hour	$	180.00
	Staff Engineer	Hour	$	120.00
	Drafter / CADD	Hour	$	100.00
	Engineering Technician	Hour	$	85.00
	MOT Traffic Control / MOT Qualified Worker	Day (10 hours/day)	$	900.00



Tab A

Representations and Certifications

SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☑ Form 1: Response Checklist
- ☑ Form 2: Addendum Acknowledgment
- ☑ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - Form 3B: Certificate of Authority (for Individuals)
- ☑ Form 4: Proposer's Statement of Organization
- ☑ Form 5: References
- ☑ Form 6: Affidavits
  - Form 6A: Single Execution Affidavits
  - Form 6B: Independence Affidavit
  - Form 6C: Non-Collusion Affidavit
- ☑ Form 7: Drug Free Workplace
- ☑ Form 8: Certification to Accuracy of Proposal
- ☑ Form 9: Scrutinized Companies
- ☑ Form 10: Public Entity Crimes
- ☑ Form 11: Dispute Disclosure
- ☑ Form 12: List of Proposed Subcontractors
- ☑ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☑ A: Sample Contract
- ☑ B: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
CONTINNUING GEOTECHNICAL AND SURVEY SERVICES
Solicitation No.:
RFQ # 2025-11

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. 1, Dated 5/1/2025
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: Colliers Engineering & Design, Inc.

Authorized Representative's Name: Michael Ehrhart, PSM

Title: Principal Associate

Email: michael.ehrhart@collierseng.com

Address: 7400 Corporate Center Dr., Ste C, Miami, FL 33126

Phone Number: 813.582.4644

Authorized Signature: _____

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of Colliers Engineering & Design, Inc. a business existing under the laws of the State of Florida, (the "Entity") held on May 20, 2025, the following resolution was duly passed and adopted:

"RESOLVED, that, Michael Ehrhart, PSM, as Principal Associate of the Entity, be and is hereby authorized to execute this Proposal dated May 20, 2025, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this 20 day of May, 2025.

Secretary: _____

Print Name: Brian E. Curtis, Esq.
VP, Secretary, General Counsel

President: _____

Print Name: Kevin L. Haney, President & CEO

(Seal)

COLLIERS ENGINEERING & DESIGN, INCORPORATED 1985 NEW JERSEY INC.

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   Colliers Engineering & Design, Inc.

2. Principal Business Address, Phone and Email Address:
   Address: 7400 Corporate Center Dr., Ste C, Miami, FL 33126
   Phone: 305.392.3190
   Email Address: michael.ehrhart@collierseng.com

3. Principal Contact Person(s):
   Michael Ehrhart, PSM

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
   Corporation
   A. If a corporation, in what state incorporated: New Jersey
   B. Date Incorporated: October 15, 1985
   C. Federal ID Number (EIN) 22-2651610
   D. If a joint Venture or Partnership, date of Agreement: N/A
   E. Name and address of all partners (state whether general or limited partnership): N/A
   F. If other than a corporation or partnership describe, organization and name of principals. N/A

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Michael Ehrhart, PSM	Principal Associate

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFQ Agreement. 40 Years

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	Colliers Engineering & Design, Inc.	7400 Corporate Center Dr., Ste C, Miami, FL 33126	Prime Firm
B.			
C.			

D. _____

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. All Scope Items
   B. _____
   C. _____
   D. _____

9. County or municipal business tax receipt number (attach copies):
   County: 4563681
   Municipal: N/A

10. What is the last project of this nature you completed?
    See Past Performance Section of Proposal

11. Have you made a site visit? ___X___ Yes, _____ No

12. How soon after the award can you begin work? ___0___ Days.

13. List any licenses, permits or certifications, etc., you hold for performing this type of work.
    Engineering Buisness Registry # 30301
    Surveyor Buisness License # LB7388
    _____

14. How did you hear about the RFQ? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. DemandStar

15. Have you ever failed to complete any work awarded to you?
    Yes ____ No _X_ **If yes, attach a separate sheet of explanation.**

16. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No _X_ **If yes, attach a separate sheet of explanation.**

17. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No _X_ **If yes, attach a separate sheet of explanation.**

18. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No _X_ **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or

arbitration against any other Florida public entity?
Yes X No ____ **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

22. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

23. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

24. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

25. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

26. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** X **If yes, attach a separate sheet of explanation.**

Signature (Blue ink only)

Michael Ehrhart, PSM
Print Name

Principal Associate
Title

5/20/2025
Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 20 day of May, 2025

by Michael Ehrhart, PSM as Principal Associate
(Name of person acknowledging) *(Title)*

for Colliers Engineering & Design, Inc.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

MICHELLE F. EGUIA
Notary Public
State of Florida
Comm# HH514369
Expires 4/10/2028

Michelle Eguia
PRINT, TYPE/STAMP NAME OF NOTARY

Proposers Statement of Organization - Additional Information

As a large, nationally recognized engineering design and consulting services company, Colliers Engineering & Design, Inc. has, over the past five (5) years, been involved in certain claims and litigation. We value the confidences of our clients as well as our contractual commitments to confidentiality and strive to avoid disclosures to and/or with third parties of the circumstances involving other engagements and clients. We would take the same position with information regarding our work on your engagement. We can, of course, confirm that there are no claims or litigation of any kind that could reasonably be expected to have a material adverse impact on, or conflict with, Colliers Engineering & Design, Inc.'s performance and its ability to provide the services required for this engagement.



Detail by Entity Name

Foreign Profit Corporation
COLLIERS ENGINEERING & DESIGN, INC.

Filing Information

Document Number	F20000004205
FEI/EIN Number	22-2651610
Date Filed	09/28/2020
State	NJ
Status	ACTIVE
Last Event	CORPORATE MERGER
Event Date Filed	07/28/2021
Event Effective Date	08/01/2021

Principal Address

101 Crawfords Corner Road
Suite 3400
Holmdel, NJ 07733

Changed: 02/14/2024

Mailing Address

101 Crawfords Corner Road
Suite 3400
Holmdel, NJ 07733

Changed: 02/14/2024

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525

Name Changed: 05/16/2024

Address Changed: 05/16/2024

Officer/Director Detail

Name & Address

Title Director, President

Haney, Kevin L
101 Crawfords Corner Road
Suite 3400
Holmdel, NJ 07733

Title TREASURER, DIRECTOR, VP

PONZIO, LEONARDO E
101 Crawfords Corner Road
Suite 3400
Holmdel, NJ 07733

Title COO

DOPICO, JOSEPH A
555 HUDSON VALLEY AVENUE
SUITE 101
NEW WINDSOR, NY 12553

Title OTHER

NOLAN, PAUL
101 Crawfords Corner Road
Suite 3400
Holmdel, NJ 07733

Title VP, SECRETARY

CURTIS, BRIAN E
101 Crawfords Corner Road
Suite 3400
Holmdel, NJ 07733

Title EXEC

MASER, RICHARD M
101 Crawfords Corner Road
Suite 3400
Holmdel, NJ 07733

Title OTHER

EHRHART, MICHAEL
5471 WEST WATERS AVENUE
TAMPA, FL 33634

Title OTHER

DIAZ LAROSA, AIMARA
7400 CORPORATE CENTER DRIVE
SUITE C
MIAMI, FL 33126

Title OTHER

WYGANT, CLAY
2703 BROADBENT PARKWAY NE
STE B
ALBUQUERQUE, NM 87107

Title OTHER

SENNE, PATRICK
5471 WEST WATERS AVENUE
TAMPA, FL 33634

Title OTHER

COSTA, LUIS
7284 WEST PALMETTO PARK ROAD
SUITE 201-S
BOCA RATON, FL 33433

Title Geographic Discipline Leader

Stevens , Greg
101 Crawfords Corner Road
Suite 3400
Holmdel, NJ 07733

Title Division Operational Manager

Sterbenz, Paul
101 Crawfords Corner Road
Suite 3400
Holmdel, NJ 07733

Annual Reports

Report Year	Filed Date
2023	01/03/2023
2024	02/12/2024
2024	02/14/2024

Document Images

05/16/2024 -- Reg. Agent Change	View image in PDF format
02/14/2024 -- AMENDED ANNUAL REPORT	View image in PDF format
02/12/2024 -- ANNUAL REPORT	View image in PDF format
05/23/2023 -- AMENDED ANNUAL REPORT	View image in PDF format
05/16/2023 -- AMENDED ANNUAL REPORT	View image in PDF format
04/07/2023 -- AMENDED ANNUAL REPORT	View image in PDF format
01/03/2023 -- ANNUAL REPORT	View image in PDF format

03/22/2022 -- ANNUAL REPORT	View image in PDF format
07/28/2021 -- Merger	View image in PDF format
06/03/2021 -- AMENDED ANNUAL REPORT	View image in PDF format
04/26/2021 -- ANNUAL REPORT	View image in PDF format
12/14/2020 -- Name Change	View image in PDF format
10/07/2020 -- Amendment	View image in PDF format
09/28/2020 -- Foreign Profit	View image in PDF format

Florida Department of State, Division of Corporations

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company: Carollo Engineers/Florida Keys Aqueduct Authority Representative

Reference Contact Name: Ricardo Borromeo, PE

Contact Title: Project Representative

Contact Telephone: 813.394.8914

Contact Email: rborromeo@carollo.com

Contract Start Date: 2/2023 **Contract End Date:** 9/2023

REFERENCE #2

Name of Company: Curtis + Rogers Design Studio/Miami-Dade County

Reference Contact Name: Jennie Rogers

Contact Title: Project Representative

Contact Telephone: 305.442.1774

Contact Email: jennie@curtisrogers.com

Contract Start Date: 7/2022 **Contract End Date:** 11/2022

REFERENCE #3

Name of Company: Miami-Dade County, Dept. of Regulatory & Economic Resources, Division of Environmental Resources Management

Reference Contact Name: Jose Sanfiel, PSM

Contact Title: Senior Professional Land Surveyor

Contact Telephone: 305.372.6490

Contact Email: jose.sanfiel@miamidade.gov

Contract Start Date: 4/2022 **Contract End Date:** 6/2025

REFERENCE #4

Name of Company: Florida Department of Transportation, District 6

Reference Contact Name: Zurelys Perez de Alejo, PSM

Contact Title: District Location Surveyor

Contact Telephone: 305.640.7471

Contact Email: zurelys.perezdealejo@dot.state.fl.us

Contract Start Date: 9/2021 **Contract End Date:** Ongoing

REFERENCE #5

Name of Company: City of Bethlehem, PA

Reference Contact Name: Edward J. Boscola, PE

Contact Title: Director of Water & Sewer Resources

Contact Telephone: 610.865.7207

Contact Email: eboscola@bethlehem-pa.gov

Contract Start Date: 1/2022 **Contract End Date:** Ongoing

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Michael Ehrhart, PSM

For (Name of Proposing or Bidding Entity): Colliers Engineering & Design, Inc.

Whose business address is: 7400 Corporate Center Dr., Ste C, Miami, FL 33126

And (if applicable) its Federal Employer Identification Number (FEIN) is: 22-2651610

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#: _____)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

MG

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[X] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

MG

Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

MG

Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

MG

Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

MG

Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFQ # 2025-11 CONTINNUING GEOTECHNICAL AND SURVEY SERVICES** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Witness #1 Print Name: Robert P. Kitchner

Witness #2 Print Name: Stephanie LaFevre

Signed, sealed and delivered by:

Print Name: Michael Ehrhart, PSM

Title: Principal Associate

ACKNOWLEDGMENT

State of Florida

County of Hillsborough

On this 20 day of May, 2025, before me the undersigned, personally appeared Michael Ehrhart, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

MICHELLE F. EGUIA
Notary Public
State of Florida
Comm# HH514369
Expires 4/10/2028

Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or

_____ Produced identification (Type of Identification: _____)

_____ Did take an oath; or

_____ Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am Michael Ehrhart, PSM of Colliers Engineering & Design, Inc., the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

Signature (Blue ink only)

Michael Ehrhart, PSM

Print Name

Principal Associate

Title

5/20/25

Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 20 day of May, 2025

by Michael Ehrhart, PSM as Principal Associate

(Name of person acknowledging) *(Title)*

for Colliers Engineering & Design, Inc.

(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

MICHELLE F. EGUIA
Notary Public
State of Florida
Comm# HH514369
Expires 4/10/2028

PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Michael Ehrhart, PSM of Colliers Engineering & Design, Inc. proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFQ is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

Michael Ehrhart, PSM

Print Name

Principal Associate

Title

5/20/2025

Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 20 day of May, 2025,

by Michael Ehrhart, PSM as Principal Associate
(Name of person acknowledging) *(Title)*

for Colliers Engineering & Design, Inc.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced _____.

(NOTARY SEAL HERE)

MICHELLE F. EGUIA
Notary Public
State of Florida
Comm# HH514369
Expires 4/10/2028

SIGNATURE OF NOTARY PUBLIC

Michelle Eguia

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that Colliers Engineering & Design, Inc. does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFQ document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFQ or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

Michael Ehrhart, PSM

Print Name

Principal Associate

Title

5/20/2025

Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 20 day of May, 2025,

by Michael Ehrhart, PSM as Principal Associate

(Name of person acknowledging) *(Title)*

for Colliers Engineering & Design, Inc.

(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

MICHELLE F. EQUIA
Notary Public
State of Florida
Comm# HH514369
Expires 4/10/2028

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFQ and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the RFQ and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Michael Ehrhart, PSM of Colliers Engineering & Design, Inc. the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 20 day of May, 2025

by Michael Ehrhart, PSM as Principal Associate
(Name of person acknowledging) *(Title)*

for Colliers Engineering & Design, Inc.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced _____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

MICHELLE F. EGUIA
Notary Public
State of Florida
Comm# HH514369
Expires 4/10/2028

Michelle Eguia
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

Michael Ehrhart, PSM
Print Name

Principal Associate
Title

5/20/2025
Date

STATE OF Florida)
COUNTY OF Hillsborough)
The foregoing instrument was acknowledged before me this 20 day of May, 2025
by Michael Ehrhart, PSM as Principal Associate
(Name of person acknowledging) *(Title)*
for Colliers Engineering & Design, Inc.
(Company name)
Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

MICHELLE F. EGUIA
Notary Public
State of Florida
Comm# HH514369
Expires 4/10/2028

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. 2025-11

2. This sworn statement is submitted by: Colliers Engineering & Design, Inc.
(name of entity submitting sworn statement)

whose business address is: 7400 Corporate Center Dr., Ste C, Miami, FL 33126

Federal Identification Number (FEIN) is: 22-2651610
(if applicable)

Social Security Number: N/A

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: Michael Ehrhart, PSM
(print name of individual signing this document)

and my relationship to the entity is: Principal Associate

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:

(a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or

(b) An entity under the control of any natural person who is active in the

management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, share holders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. __X__ Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

      1) ____ There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____ The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

      3) ____ The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of

General Services)

Signature

5/20/2025
Date

STATE OF Florida)
COUNTY OF Hillsborough)

The foregoing instrument was acknowledged before me this 20 day of May, 2025

by Michael Ehrhart, PSM as Principal Associate

(Name of person acknowledging) *(Title)*

for Colliers Engineering & Design, Inc.

(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

MICHELLE F. EGUIA
Notary Public
State of Florida
Comm# HH514369
Expires 4/10/2028

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO X

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO X

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES X NO _____

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: Colliers Engineering & Design, Inc.

Authorized Signature: _____

Print or Type Name: Michael Ehrhart, PSM

Title: Principal Associate

Date: 5/20/2025

Dispute Disclosure - Additional Information

As a large, nationally recognized engineering design and consulting services company, Colliers Engineering & Design, Inc. has, over the past five (5) years, been involved in certain claims and litigation. We value the confidences of our clients as well as our contractual commitments to confidentiality and strive to avoid disclosures to and/or with third parties of the circumstances involving other engagements and clients. We would take the same position with information regarding our work on your engagement. We can, of course, confirm that there are no claims or litigation of any kind that could reasonably be expected to have a material adverse impact on, or conflict with, Colliers Engineering & Design, Inc.'s performance and its ability to provide the services required for this engagement.

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
	N/A		

Firm: Colliers Engineering & Design, Inc.

Authorized Signature: 

Print or Type Name: Michael Ehrhart, PSM

Title: Principal Associate

Date: 5/20/2025

FORM 13A – N/A

FORM 13B – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

PROPOSER'S REPRESENTATION

CONTINNUING GEOTECHNICAL AND SURVEY SERVICES

Proposal of Colliers Engineering & Design, Inc.

(Name)

7400 Corporate Center Dr., Ste C, Miami, FL 33126

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

CONTINNUING GEOTECHNICAL AND SURVEY SERVICES

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.
The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No. N/A

Bidder's Occupational License No. 30301

WITNESS:

Robert P. Kirchner

By: _____
Signature of Authorized Agent

[SEAL]



Financial Stability

CED is in a financially healthy position and maintains financial stability, as evidenced by our strong Financial Strength and low Risk Rating of 5A2 with Dun & Bradstreet and other credit reporting agencies.



Tab B

Executive Summary

7400 Corporate Center Drive, Ste C
Miami, Florida 33126

Title Page

May 20, 2025

Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, Florida 33149

Ref: Continuing Geotechnical and Survey Services
RFQ # 2025-11

Dear Professional Services Committee,

Colliers Engineering & Design (CED) appreciates the opportunity to submit our response for providing Continuing Geotechnical and Survey Services for the Village of Key Biscayne (Village). Our professional team has an excellent track record for consistent, accurate, and thorough contract management execution and product delivery. We meet our client's expectations through a coordinated team effort combining skilled personnel and the latest technological instrumentation.

CED is a multi-disciplinary professional services firm and has been providing geotechnical engineering, materials testing, and survey services in Florida since 2013. With all required services under one roof, we can find efficiencies through communication and collaboration to help manage your physical assets and leverage our relative experience to bring solutions beyond the current scope of work. CED brings an excellent reputation for responsive project management, quality deliverables, and experience to perform all the services identified by the Village.

CED understands the importance of representing the best interests of the Village through this on-call services contract. We are committed to establishing a long-term relationship with the Village by providing quality services, leveraging the talent of our staff, utilizing emerging technology, and applying a proven contract management approach to ultimately conserve budgets and time.

This contract will be managed from our local Miami office, located at 7400 Corporate Center Drive, Ste C, Miami, Florida 33126. CED's additional seven Florida offices will also be available to provide support services under this contract as needed.

Mr. Eugene Collings-Bonfill, PE, PSM will serve as the Contract/Project Manager and primary point of contact. He has over 26 years of experience in Florida and is very familiar with the Miami-Dade County region, and more specifically the Village of Key Biscayne. Eugene understands the Village's requirements for this contract and will communicate directly with the Village PM and respond to all questions in a timely manner.

Mr. Michael Ehrhart, PSM is an authorized signatory with full authority to make representations and to negotiate for the firm. As Principal Associate and Regional Manager, I personally commit CED's priority effort to meet all of your requirements efficiently and effectively on schedule and within budget.

If there are any questions or you require further information, please feel free to contact our Project Manager and first Point of Contact for this contract, Eugene Collings-Bonfill, PE, PSM via email at eugene.collingsbonfill@collierseng.com or at 305.938.9074 or myself at 239.994.5713 or via email at michael.ehrhart@collierseng.com.

Sincerely,
CED

Michael Ehrhart, PSM
Principal
Colliers Engineering & Design, Inc.

Eugene Collings-Bonfill, PE, PSM
Contract/Project Manager

Colliers
Engineering & Design

Why CED ....

- All locally based in-house services
- CED lives, works, and plays in the areas where we hold client relationships. With this in mind we operate as a family-like team. This also includes volunteering with all of our local communities. We enjoy the local areas especially when we are apart of successful improvement projects such as parks, schools, churches, and infrastructure, and more
- CED's Subject Matter Experts in geotechnical and survey services ensure expert, precise work that meets industry standards.
- Secure cloud based CMT reporting system that greatly reduces the time from site to the Village receiving final CMT reports.
- Turnkey Knowledge & Expertise of ACSE 38-22 Standards. No Learning Curve!
- Multi-discipline firm that provides more than geotechnical, materials testing, and survey services, allowing for expanded opportunities and new technology on projects.



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Executive Summary

CED is a multi-disciplinary professional services firm with expertise in a wide range of geotechnical engineering and surveying services. In Florida, we have eight offices with over 160 employees and have been serving the local area since 1984. Our proposed Project Manager, Eugene Collings-Bonfill, PE, PSM will oversee and manage this contract from our local office at **7400 Corporate Center Drive, Ste C, Miami, Florida 33126**. We also have additional staff available from our Ft. Lauderdale and Boca Raton offices to help ensure all deadline are met. Given our staff location and availability, we will meet the Village's expectations for responsiveness and are prepared to immediately provide staff and resources as needed to support this important contract.



The CED team is qualified and able to provide all of the professional services required for this contract in-house. This supports efficient testing and scheduling as needed for our clients. The CED team is composed of licensed professional engineers, surveyors, and technical staff with extensive experience on a wide variety of similar contracts.

CED professionals provide a full range of services to assist municipalities, authorities, and state agencies.

- Licensed Geotechnical Engineers and Field Staff
- FDOT/ACI Accredited Field (CMT) Testing
- Professional Land Surveyors
- Geographical Information System Professionals (GISP)
- Licensed Civil/Transportation Engineers
- CMEC Accredited Laboratory
- LEED® Accredited Staff
- Professional Traffic Operations Engineers (PTOE)
- Licensed Professional Land Planners
- Environmental Scientists & Engineers
- Licensed Professional Geologists
- Licensed Professional Architects
- Licensed Professional Landscape Architects
- Grant Writers
- Archaeologists
- Certified CEI & CBI Inspectors
- NICET Level III and IV Staff

We have worked with similar clients in Florida for over 11 years and throughout the United States for over 38 years. CED consistently strives to provide proactive, viable solutions to local public clients and governmental agencies to help meet diverse planning, infrastructure, and capital improvement goals while maintaining function, natural resources, aesthetics, and quality of life. Our services encompass all aspects of public endeavors including local and regional utilities, water resources, parks and recreational spaces, public facilities, roadways, and streetscape design.

Our professionals instill a proactive approach in assisting public clients with their long and short-term objectives. A brief list of our similar on-call services contracts that provide geotechnical and survey services with local governmental agencies include (abbreviated list):

Similar Clients Throughout Florida	Services			
	Geotechnical	Survey	SUE	GIS
Miami-Dade County	✓	✓	✓	
Miami-Dade County Public Schools	✓			
City of Boynton Beach	✓			
Charlotte County	✓	✓	✓	
Charlotte County Public Schools	✓			
Manatee County	✓	✓		
School Board of Manatee County	✓			
City of Holmes Beach	✓			
City of Bradenton Beach	✓			
Lee County Electric	✓	✓		
City of Madeira Beach	✓			
City of Tampa	✓	✓	✓	✓
Hillsborough County	✓	✓	✓	✓
City of St. Petersburg		✓	✓	
City of Tarpon Springs		✓	✓	
City of Oldsmar		✓	✓	
Palm Beach County		✓	✓	
City of Miami Beach		✓	✓	
City of Miami Gardens		✓	✓	
City of Orlando		✓	✓	
City of St. Petersburg		✓	✓	
City of Tarpon Springs		✓	✓	
City of Cassleberry		✓	✓	✓
City of New Port Richey			✓	✓
City of Pompano Beach			✓	

Understanding the Village's Needs

The Village stands at a pivotal moment in its infrastructure planning, with a growing emphasis on resilience, sustainability, and community safety. With the implementation of its Capital Improvement Plan (CIP) along with the Resilient Infrastructure and Adaptation Program, the Village is proactively addressing critical needs such as stormwater infrastructure upgrades, roadway improvements, sea level rise adaptation, and utility modernization. CED is uniquely positioned to support the Village in advancing these goals through the delivery of high-quality geotechnical and surveying services that are timely, precise, and tailored to the Village's coastal conditions and community values.

Success for this contract will be achieved through technical innovation, effective communication, coordination, and collaboration between our CED team, stakeholders and the Village. Efficient collection of enhanced geotechnical and topographic information will provide significant benefits for the Village's on-going focus on flood control, water supply planning, water quality improvement, ecosystem restoration and resiliency/sustainability efforts.

We are also distinguished by our direct experience working within the Village itself. CED's Project Manager, Eugene Collings-Bonfill, PE, PSM is a seasoned engineering professional who recently served as Interim Public Works Director for the Village and previously held the role of Assistant Public Works Director for the City of Doral. In this capacity, Mr. Collings-Bonfill gained firsthand experience with the Village's infrastructure network, CIP priorities, permitting processes, and inter-agency coordination needs. **His leadership ensures that our team brings not only technical excellence but institutional knowledge that can be applied immediately and efficiently.**

We are intimately familiar with the Village's overall goals, which include:

- **Stormwater system improvements** to reduce flooding and adapt to future sea level rise
- **Roadway and utility infrastructure rehabilitation,** particularly along Crandon Boulevard and other critical corridors
- **Parks and public space enhancements** that require precise surveying and subsurface validation
- **Coordination with Miami-Dade County,** FDOT, and FEMA on grant-funded infrastructure and mitigation projects
- **Coordination with AECOM and Black and Veatch** as the Village's Program Managers for the Resilient Infrastructure and Adaptation Program

CED understands the urgency of these projects and the importance of clear, concise, and responsive communication. Our surveying and geotechnical teams are equipped with advanced field technologies, licensed professionals, and a streamlined QA/QC process to deliver data and recommendations that are field-verified, regulation-compliant, and construction-ready.

Our local presence, multidisciplinary capabilities, and experience navigating the complexities of coastal development give us a distinct advantage in helping the Village move forward confidently with its infrastructure investments.

CED understands the importance of representing the best interests of the Village through this on-call services contract. We are committed to establishing a long-term relationship supporting the Village's vision of a safe, resilient, and thriving island community by providing quality and committed services, leveraging the talent of our staff, utilizing emerging technology, and applying a proven contract management approach to ultimately conserve budgets and time.



Tab C

Qualifications and Experience

Qualifications

Firm Qualifications & Industry Knowledge and Experience

Our engineers, surveyors, and technical staff take a responsive approach to help public clients achieve their objectives. Our experience with both public and private applications gives us unique insight into the review process, and our in-house support streamlines communication, ensuring the best value for our clients.

Geotechnical Capabilities

Geotechnical Services. Our local geotechnical engineers and staff can provide a complete range of geotechnical testing and consulting services for all types of projects. This would include roadways, bridges, utilities, parks, wastewater and water treatment plants, educational facilities, school developments, parking garages, airports, communication structures, and land development sites.

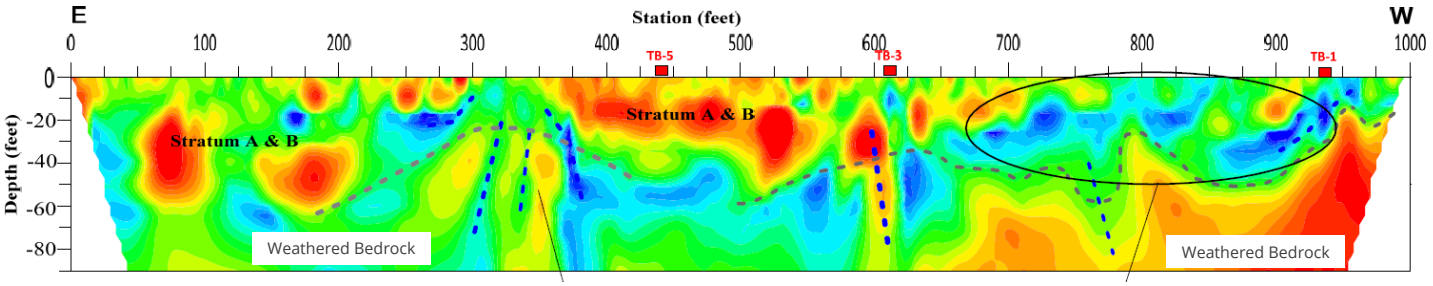
Our geotechnical engineers have extensive familiarity with difficult soil and subsurface conditions requiring engineered solutions. Ground improvement methodologies, such as dynamic compaction, grouting, deep vibratory compaction, in-situ mixing, soil additives and geosynthetics, have been especially useful tools in our store of methods to conserve your time and money on difficult projects.

CED and our team will provide all supplemental services required for borings, cone penetration, coring and probes to soil/rock samples in the field. We will also utilize our in-house laboratory for testing services along with our teaming partners, laboratory services. We are also able to store collected samples for the required time limit (180 days or as noted) along with taking samples in canals, channels, and creeks. With our comprehensive range of internal services, such as surveying, we effectively meet client needs by leveraging specialized, discipline-specific equipment.

Geophysical Services. CED is also able to provide geophysical services. Our personnel are certified and experienced to provide a range of geophysical techniques, such as Ground-Penetrating Radar (GPR), Electrical-Resistivity Imaging (ERI), and Multi-Channel Analysis of Surface Waves (MASW) testing. These cutting edge technologies can provide valuable information that our geophysicists can also analyze for subsurface anomalies that could indicate geotechnical issues.

Construction Materials Testing. CED provides testing and analysis of the properties and performance behavior of soils and all forms of materials used in the construction and development industries, including field testing of soils, asphalt, road base, concrete and masonry.

Our geophysical capabilities significantly exceed those requested by this solicitation. These are further detailed below. These next generation capabilities increase the value and amount of information that can be acquired to the benefit of the Village.



Florida Geophysical Example

Suspected Splayed Pinnacle Weathering

Area of Potential Expansive Clay

Geotechnical & Geophysical Capabilities

- Geological & Hydrogeological Studies
- Alternative Pavement Section & Design Recommendations
- Subsurface Utility Engineering
- Foundation Alternative & Design Recommendations
- Settlement Evaluations
- Slope Stability & Embankment Design
- Borrow Soil Suitability
- Geotechnical Modeling
- Retaining Wall Engineering
- Site Development Feasibility & Geohazards Studies
- Design Level Geotechnical Engineering
- Failure Analysis & Remediation Design
- Sinkhole Risk Assessment & Remediation
- Construction Vibration Monitoring
- Assessment and Planning
- Construction Phase
- Clay and Sand Mapping
- Organic Soil Detection
- Sinkhole Feature Identification
- Bedrock Mapping
- Rebar/Post-Tension Cable Detection
- Concrete Void/Thickness Identification
- Corrosion Detection
- Select Utility Mapping/UST Locating
- Consultation, QA/QC Testing, & Value Engineering

We can respond to the Village's requests for services within two hours or less, and will be at the job site at the times requested for construction materials testing and sample gathering. A preliminary copy of the test results can be submitted to the Village within one hour after completion of testing. Our staff is available nights, weekends and holidays, and all staff are equipped with smart phones and other devices for responsive communication. **CED uses a cloud based CMT reporting system to provide real time reporting and results in an accelerated deliverable time to traditional methods.**

Our **in-house laboratory facility is accredited** by CMEC and FDOT with FDOT test methods to help clients meet all applicable building codes and project requirements with quality materials testing provided in a timely, cost effective, and practical manner. Our on-site professionals are CTQP (FDOT) and ACI certified and have performed testing for various projects as part of the geotechnical exploration and construction inspection and testing services.

Our soil testing capabilities include basic index testing such as particle size analysis, hydrometer, moisture content, Atterberg Limits, proctors and organic content to more advanced soil testing such as CBR/LBR, Consolidation, Direct Shear, Permeability and Tri-Axial (UC, UU and CU). Our rock testing capabilities include unconfined compressive strength. Our concrete testing capabilities include compressive strength testing of cylinders, prisms, cubes and cores and flexural strength of beams.

CED staff includes FDOT CEI inspectors that can easily provide CMT services for testing soils, pipe back fill, road subbase, road base, concrete and masonry.

CMT Services will follow the most current versions of the American Society for Testing Materials (ASTM), Florida Department of Transportation (FDOT) and/or the American Association of State Highway and Transportation Officials (AASHTO) specifications for the required test. Our staff is also capable of performing construction observations and quality control operations

Common Material Testing Procedures are Listed Below (but not limited to):

Concrete Cylinders (ASTM C39-10)	Proctors (ASTM D1557-09/ D698)	Limerock Thickness Determinations (& More)	Field Densities (Drive Cylinder, Sand Cone & Nuclear Method) (ASTM D6938-10)
Quality Limerock Chemical Analysis	Limerock Bearing Ratio (FM 5-515)	Soil Cement Mix Design	Percolation and infiltration testing
Monitoring Soil Cement Installation	Comprehensive Strength of Soil Cement Cores	Soil Classifications per (ASTM D2487) and (AASHTO M145)	Sieve Analysis of Fine & Course Aggregates (ASTM C136-06)
Permeability of Granular Soils (Falling & Constant Head) (ASTM D5084-10)	Test Strip for Asphaltic Concrete Laydown	Resistance to Abrasion by Use of the Los Angeles Machine (ASTM C535-09)	Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate (ASTM C88-05)
Resistivity of Soil and Water (ASTM G187-05)	Determining pH of Soil and Water (FM 5-550)	Sulfate in Soil and Water	Chloride in Soil and Water
Specific Gravity of Course Aggregate (ASTM C127-07)	Bulk Specific Gravity of In-Place Bituminous Pavement Cores	Organic Content (ASTM D 2974)	Hand Auger Borings (ASTM D 1452)
Corrosivity Series (ASTM G-162-99) (10)	Marshall stability and flow (ASTM D-1559)	Beam Preparation of Fresh Concrete & Pickup (ASTM C31)	Air Content of Fresh Concrete (C138)
Rebound Number of Hardened Concrete (ASTM C805-08)	Laboratory Flexural Strength of Molded Beams (C42-10)	Laboratory Compression of Concrete Cores (ASTM C39)	Coring of Hardened Concrete (ASTM C42-10)
Dry Rodded Unit Weight of Fine or Coarse Aggregate (ASTM C29-09)	Specific Gravity & Absorption of Fine Aggregate (ASTM C128-07)	Quantitative Determination of Asphalt Content From Asphalt Paving Mixtures	Determination of the Relative Density of Hot Mix Asphalt (Super Pave) (ASTM D6925-09)
Maximum Specific Gravity of Bituminous Paving Mixtures	Mechanical Analysis of Extracted Aggregate (ASTM D5444-08)	Density of Bituminous Concrete Mixtures In-Place by the Nuclear Metho (ASTM D-2950-09)	

such as rebar placement verification, structural steel erection verification, pre-cast concrete field-review, pavement construction observations, welding inspections, pile installation monitoring, and aggregate/base source specification compliance. We also provide seismographic equipment for on-demand construction vibration monitoring or for post-construction forensic analysis. Laboratory services are accredited with a closely controlled QA/QC program to provide quality results in all areas requested in this proposal. The full service laboratory is staffed to provide response in a timely manner to the Village. In addition, our staff is cross trained to allow for quick identification of issues and/or challenges in integrating the laboratory results into our actual materials testing program.



Survey Capabilities

Boundary Surveys. For boundary projects, all parent parcel corners are located, as well as important corners from plats, right of way maps, lines of occupation, and other reference material that may be used to develop a strong boundary determination. All of these locations are made using redundant measurements using the proper tool for the job. A Professional Surveyor and Mapper will weigh the evidence located and make a boundary determination.

In instances where boundaries are ambiguous or may be otherwise challenging, a second Professional Surveyor and Mapper will review this information, and a consensus boundary determination will be made. The resulting boundary survey will depict all information found with notations as to its position and impact on the subject parcel boundary. When available, a title commitment or ownership and encumbrance report will be reviewed for information that can impact the boundary determination. These reports will also supply critical information on documents of record that can affect the subject property. All this information will be mapped on the survey and added to the report on the face of the survey for easy cross-referencing by the user.

Topographic Surveys. A typical project will usually consist of establishing secondary control to assist in the collection of the topographic features (curb, sidewalks, stripping, signs, utilities, drainage Survey for inlets at street intersections, bridge components, sign clearances, trees, etc.). Acquiring Topographic features and elevations for the Digital Terrain Model (DTM) (3D Surface) would be collected using either tradition trigonometric locations with a Total Station and Data Collector, Static LiDAR (Leica P40/ P50), Mobile LiDAR (Riegl VMX-450 or 1HA), Unmanned Aerial System LiDAR (VAPOR 55), or any combination of two or more of these methods. Check sections would be collected to compare to the TIN / DTM.

Construction Surveys Including As-built Surveys. Construction Surveying is time-sensitive, safety sensitive, and accuracy and quality control are vital to project success. When a construction survey request is received, a qualified member of our staff will review all plans and documentation related to the request to confirm necessary information is received. If additional information is needed, this need will be immediately communicated to the project team so that as little time as possible is lost to information gathering. To the greatest extent possible, tasks will be pre-calculated to include all required QC field checks. This allows field crews to work efficiently and will keep the overall project flowing. Crews collect data on all points set and return this information to the office where all checks are confirmed, and collected data is compared to calculated positions to ensure quality. Communication with contractors before, during and after construction tasks is a vital part of maintaining schedule and quality. A CED project surveyor will always coordinate all activities with the contractor and Village staff. When published as-builts are required, Mr. Collings-Bonfill will review minimum as-built requirements for each project. If any data is gathered that does not meet minimum requirements, CED will perform a second QC check of our data, then contact the contractor and/or the Village representative to make the non-conforming issue known prior to issuance of the survey. If necessary, CED's crews will return to the site to gather new data to resolve any issues. Final drawings are then issued with confidence that the project won't be delayed by survey as-built issues.

Right-of-Way Mapping and Surveys. We would perform the necessary reconnaissance, recover survey control and relevant local monumentation. A Project Network Control will be set, and positioning determined by Static GPS and conventional Traverse will be performed to verify GPS coordinates. If vertical information is required, a Digital Level would be used to establish elevations. GPS vectors will be processed, and traverse adjusted with Village approved software and procedures. Recovered Historical Baseline / alignment points, subdivision ties, section corners and ¼ section corners, block corners, monumentation, occupation, and side street(s) will be surveyed in accordance with Standard Procedures.

General Land and Aerial Photography Surveying Services. We provide comprehensive land and aerial photography surveying services. Our offerings include detailed land surveys conducted through both traditional ground-based methods and cutting-edge aerial imaging techniques. Our team utilizes state-of-the-art equipment and technology to capture high-resolution images and data for accurate mapping and analysis. Whether for land development, infrastructure planning, environmental assessment, or other purposes, our surveying services deliver precise and reliable results tailored to meet the project needs of this contract.

CED can deploy one of our USA made, Department of Homeland Security compliant unmanned aerial system platforms outfitted with the Riegl VUX Lidar system. With 500,000 points per second and a 45-minute flight duration before the need to change batteries, these unmanned aerial vehicle platforms fly at low altitudes and generate up to 12 pulse returns per point, ensuring that true ground is measured and allowing point cloud density that can't be matched by typical manned-flight airborne LiDAR. We utilize this data for Topographic Surveys, Existing Condition Reports, Inventory Management, and CEI applications. Leveraging these technologies gives our clients options to reduce contract costs and schedules, increase product quality and efficiency, more effectively manage projects and communication; and dramatically increase safety for our staff and the traveling public by keeping our survey crews out of the roadways.



Subsurface Utility Engineering, GPR Surveys, and Utility locations (SUE)

SUE operations will be carried out by adhering to the ASCE Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data (ASCE CI 38-22). Our utility coordination staff will initiate the process by contacting Sunshine 811 to register a design ticket. Following thorough research, we will identify utilities within the project area. Using specialized radio frequency designator (RFD) equipment, our staff will mark the known utilities accurately. Subsequently, our SUE team will employ dual-frequency GPR units to validate these designations and detect any additional anomalies that may suggest the presence of further utilities. The results will meet Level B criteria according to the ASCE CI 38-22 standards. These findings can be communicated through on-site markings, survey-grade mapping, or a combination of both methods. By gathering Quality Level B data prior to design, projects have the best chance of avoiding the delays and costs associated with unforeseen utility conflicts during construction. When design is at an advanced stage and possible conflict points have been identified, CED's SUE crews are ready to perform non- destructive Vacuum Excavation (soft dig) test holes (Quality Level A), verified vertical and horizontal location at these locations so that final design can best eliminate these conflicts.

Geophysical Services. CED is also able to provide geophysical services. Our personnel are certified and experienced to provide a range of geophysical techniques, such as Ground-Penetrating Radar (GPR), Electrical-Resistivity Imaging (ERI), and Multi-Channel Analysis of Surface Waves (MASW) testing. These cutting edge technologies can provide valuable information that our geophysicists can also analyze for subsurface anomalies that could indicate geotechnical issues.



GIS Technical Support

CED offers dedicated technical support for GIS and asset management software, assisting with ArcGIS upgrades, troubleshooting, and software selection and installation to ensure seamless operations. Based on the needs of Village, our technical team will be available to discuss current workflow processes that could be made more efficient using eGIS applications.

The process for such workflow discussions is typically developed into a needs assessment report, if desired. The results of workflow assessments and data gathering with stakeholders deliver a recommendation report, known as an implementation plan. The identified workflow processes to be moved into the eGIS program carry details on cost and approach of the identified implementation, including training of staff. This service could be of benefit to the Village.

GIS Analysis & Visualization. Our team conducts spatial analyses to support infrastructure planning and decision-making. We create GIS-based exhibits, reports, and metadata structures to maintain data integrity while producing high-quality maps and visualizations for Village use. Browser-based mapping provides Village personnel, or the public, the opportunity to interact with the data and collaborate without specific software.

Data Integration & Asset Management. We facilitate seamless GIS integration with asset management and land use systems, converting CAD data, digitizing and georeferencing historical records, and ensuring all GIS data aligns with Village applications. CED is a certified partners with" off the shelf" commercial GIS Asset and Facility Management programs, that are Esri partner products for enterprise asset management solutions. These products deepen the use of GIS for analysis of vertical and horizontal assets, providing an overlay of condition, risk and valuation of assets. These software tools provide reporting and capital project planning applications that dive into the Esri utility network data that is collected by field and office staff. Our team is well versed in asset and facility management principles for utility systems and will provide the best approach based on your requirements if asset management processes are desired.

Ongoing Support. CED provides continued consulting to enhance the Village's GIS capabilities, offering proactive recommendations for system improvements, database enhancements, and expanded functionality. We will act as an extended arm to your current GIS workforce. With extensive experience supporting municipalities across the country, CED's GIS team brings a Geospatial Commitment that delivers precise, innovative, and scalable GIS services tailored to the Village's ever evolving needs. Our team will provide reliable data, optimized workflows, and actionable insights to enhance Village operations and we work closely with other CED disciplines to accomplish these goals as a team.

Past Performance

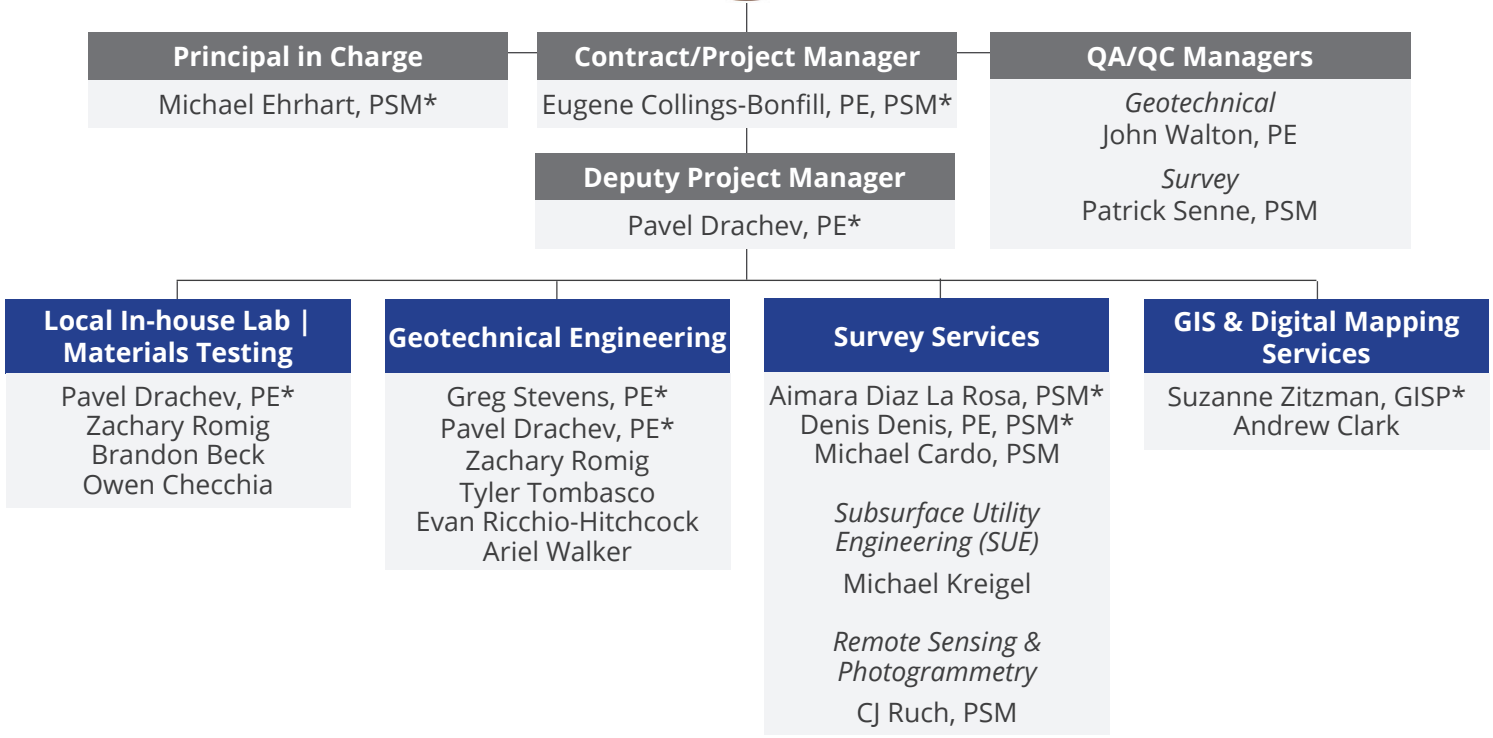
We understand the Village's overall needs and expectations for this contract as we have served multiple similar clients within Florida and across the US. We will leverage this experience to help manage and execute this contract successfully for the Village.

Past Performance	
Client Contact	**Contract | Description**
Florida Keys Aqueduct Authority Representative Ricardo Borromeo, PE P: 813.394.8914 E: rborromeo@carollo.com	**Plantation Key Utility Replacement Project, Plantation Key, FL.** The project consisted of over 5 miles of geotechnical exploration along US Highway 1 on Plantation Key including right-of-way, mainline, and bridges. CED provided topographic survey, SUE, and geotechnical services for this project. • Provided geotechnical exploration and provided corrosivity data, installation recommendations, and soil parameters for the installation process. • Re-established the right of way limits and mapped per recovered monumentation, deeds and plats of record. • Established the horizontal and vertical controls. Set control points throughout the project's corridor. • Field located and mapped of all aboveground topographic features with the project limits such as pavements, curbing, above ground utilities, signs, structures, walls, fences, ditches, and swales, etc. • Field collected and mapped cross-section elevations within the project limits at fifty-foot intervals.
Miami-Dade County (Client Representative) Curtis + Rogers Design Studio Jennie Rogers P: 305.442.1774 E: jennie@curtisrogers.com	**Rocky Creek Playground Improvements, Miami, FL.** CED provided geotechnical exploration for the rehabilitation of the playground area at Rocky Creek Park. Exploration included SPT borings and permeability tests. From the data collected, laboratory tests were performed and soil parameters for design of the foundation elements was provided. Coordination between the County, the design studio, and parks staff was critical to maintaining a safe exploration program in an active park. CED observed all safety regulations and scheduling requests to provide a satisfactory experience for all parties. The CED team has a long history of working on parks and recreation projects and find each project to be unique, allowing particularly for opportunities for value engineering. This project was no different, and several different options were considered to provide the best foundations value to the County.
Miami-Dade County Jose Sanfiel, PSM P: 305.372.6490 E: Jose.Sanfiel@miamidade.gov	**Miami-Dade County Department of Regulatory and Economic Resources, Division of Environmental Resources Management, Contract #:EDP-PSA-2024, Miami, FL.** This is an on-call contract with work performed on a Work Order basis for assignments located throughout Miami-Dade County. Typical services performed to date include boundary and topographic surveys, hydrographic surveys along canals, and roadway/right of way surveys.
Florida Department of Transportation Zurelys Perez de Alejo, PSM P: 305.640.747 E: Zurelys.PerezDeAlejo@dot.state.fl.us	**FDOT D6 Districtwide Miscellaneous Location Survey Consultant, Contract #:C-AF60, Miami, FL.** This is an on-call contract with work performed on a Task Work Order (TWO) basis for assignments located throughout Miami-Dade and Monroe Counties. Typical services performed include establishing horizontal and vertical control, topographic surveys, hydrographic/bathymetric surveys, as-built, and quantity surveys. We have successfully completed 24 TWOs under this contract to date.

Past Performance	
Client Contact	**Contract | Description**
City of Bethlehem, PA Edward Boscola, PE P: 610.865.7207 E: EBoscola@bethlehem-pa.gov	**Ongoing GIS Consulting Services, City of Bethlehem, PA.** Within our on-call with the City for GIS Services, our firm was contracted by the City to modernize its GIS infrastructure, successfully updating its federated ArcServer 10.6.1 to a fully federated ArcGIS Enterprise Portal. This significant upgrade houses the City's GIS data and brings its Enterprise GIS program to the forefront of technology, leveraging the latest version of SQL and Esri eGIS software. The new environment enhances staff collaboration and improves the management of City assets' operation and maintenance. Our professionals are providing GIS Needs Assessment services including interview process, tracking current operations within departments, data management responsibilities, data format review, data update standard procedures, and the review of the City's eGIS Esri based architecture, including the hardware and software usage. We provided a multi-year implementation plan with cost analysis, outlining tasks and processes to enhance and maintain the City-wide eGIS program, promoting asset management focuses. We conducted a needs assessment update five years later to update to current conditions of the eGIS program, and recommended the latest technology options.



Organizational Chart



** Key staff resumes included*

Depth of Resources

Geotechnical Resources	Survey/SUE Crews	Survey/SUE Crews	Remote Sensing/LiDAR Equipment	GIS
1 – Laboratory **10** – Inspectors **3+** – Pavement Coring Rigs	**5** – Survey/LiDAR Field Crews **3** – Subsurface Utility Designation Crews **2** – Subsurface Utility Excavation Crews	**4** – Professional Surveyors and Mapper **4** – Sr. Survey / SUE Technicians **3** – FAA (Section 107) UAS Pilots **12** – CST Certified Technicians	**2** – UAS LiDAR Sensor (Riegl VUX) **2** – Mobile LiDAR Sensors (Riegl VMX-IHA) **5** – Terrestrial Lidar Sens	**1** – Technical Director **2** – Technical Managers **2** – Project Managers **4** – GIS Specialists **3** – GIS Analysts **4** – GIS Sr. Technicians **2** – GIS Technicians

Staff Qualifications

For this contract, we have structured the team to be led by our Project Manager, **Eugene Collings-Bonfill, PE, PSM**, who will be supported by the core management team of qualified senior discipline leads. This allows for an internal and external streamlined process. CED values our clients and strives to build a positive and trust-based working relationship. We believe the core management team structure best serves this goal.

CED's proposed key staff have worked together on multiple projects and pursuits. Due to our nature as a multi-disciplinary professional services firm, our discipline leads have naturally worked together on different aspects of previous projects that are combined into a well coordinated final product.

Full detailed descriptions of key personnel roles, responsibilities, experience, and education can be found on individual resumes starting on page 15.

Key Personnel



Michael Ehrhart, PSM, will serve as the Principal-in-Charge, and is the Southeast Regional Manager with over 17 years of management experience and a wide array of survey projects, Mr. Ehrhart is responsible for implementing and leveraging advanced technologies into current operations to control costs, reduce scheduling, and increase safety.



Eugene Collings-Bonfill, PE, PSM will serve as the Project Manager and Primary point of contact with the Village. Mr. Collings-Bonfill brings over 26 years of diverse and in-depth experience in the engineering and construction industry. His professional background includes a strong foundation in land surveying, engineering design, geotechnical coordination, program and project management, and construction oversight, particularly for public-sector infrastructure projects. He has successfully led multi-disciplinary teams on complex, high-profile projects for municipalities and government agencies, demonstrating a keen ability to manage schedules, budgets, regulatory compliance, and stakeholder communication. His familiarity with South Florida's regulatory environment and site-specific geotechnical challenges positions him to deliver practical, data-driven solutions tailored to the region's unique coastal conditions.

Notably, he has held leadership roles in municipal public works departments, including serving as Assistant Public Works Director for the City of Doral and, most recently, a brief term as Interim Public Works Director for the Village of Key Biscayne. These roles have provided him with direct insight into the operational, engineering, and infrastructure priorities of the Village, allowing him to anticipate local needs and deliver results that align with agency standards, community expectations, and environmental considerations. His experience working within the Village's framework ensures that he can provide efficient, responsive, and high-quality support for any surveying or geotechnical services assigned under this contract. His integrated approach to project delivery emphasizes proactive planning, risk mitigation, and a collaborative working relationship with municipal staff and stakeholders.



Pavel Drachev, PE, will serve as the Deputy Project Manager. With over 15 years in engineering and project management, Mr. Drachev leads geotechnical projects involving detailed assessments and material testing, compliant with ASTM and regulatory standards. His expertise covers field observation and testing for earthwork, reinforcing steel, and concrete sampling across various constructions. Additionally, Pavel coordinates geotechnical exploration, including field observation and lab testing. His collaborative approach ensures all projects adhere to the highest safety and quality standards while tackling complex geotechnical challenges and maintaining regulatory compliance.



Greg Stevens, PE, will serve as the Geotechnical Services Lead. Mr. Stevens has over 20 years of experience. He has managed geotechnical design projects for numerous public and private sector clients. He has organized and executed geotechnical explorations, performed analyses and designs, prepared technical reports, and maintained project budgets. Mr. Stevens' geotechnical analyses and design experience includes shallow and deep foundations, berm stability, transportation, land development, forensics, sinkholes, ponds, and pavement coring. He is well-versed in industry software such as FB-Deep, L-Pile, Settle3D, Geoslope Suite (Seep/W and Slope/W), Allpile, and SigmaPlot.



Aimara Diaz La Rosa, PSM, will serve as the Survey Services Lead. Ms. Diaz La Rosa has more than 25 years of experience in surveying and mapping for commercial, residential, and governmental clients including right-of-way mapping, subdivision platting, design surveys, various constructions projects, topographic surveys for water and sewer departments, and various boundary, topographic and specific purpose survey projects for private clients, public agencies, and developers. Her experience also includes review of control surveys, right-of-way maps, and design surveys while employed at FDOT D6 Surveying and Mapping office.



Denis, Denis, PE, PSM, will serve as a Senior Surveyor. Mr. Denis has over 18 years of surveying expertise in design and construction and has successfully completed numerous projects, ranging from small-scale land surveys to large-scale construction and infrastructure developments. His expertise includes control and right of way mapping surveys; design surveys for engineering projects; route surveys for highways; utility, topographic, and as-built surveys; ALTA/NSPS land title surveys; and construction support surveys for commercial and high-rise building projects.



Suzanne Zitzman, GISP will serve as the GIS Lead. Ms. Zitzman has over 39 years of extensive GIS/GPS project management, design, and mapping experience in the transportation, and civil engineering fields. She manages the firms national GIS Asset Management Services Division. Her skills include various aspects of utilizing web-based geographic information systems involving utilities, land use, property assessment, environmental and transportation assets.

CED is not your typical Survey/SUE firm because of our in-house services we can provide.

This benefit saves our clients time and money because they have our full suite of services supporting them in multiple ways if needed. Such as emergency response, site/civil design, geotechnical or environmental engineering.

From example: Traditionally, SUE firms within Florida use their GPR results solely for QL-B utility designation, as is requested in this RFP.

GPR results can also provide valuable information that geophysicists (typically found in only geotechnical engineering firms) can also analyze for subsurface anomalies that could indicate geotechnical issues.

CED is fairly unique as it not only provides full level SUE capabilities, but also in-house geophysical analyses that can analyze the collected data for indications of buried debris, indications of karst activity, and other problematic soil conditions. ***This dual use of the collected information significantly increases the value of the deliverable to the client***. Particularly, we have found this combination to be very effective when analyzing utility issues, such as utility failures or distresses.





Education
BS, Geomatics, University of Florida, 2007

Professional Registrations
Professional Surveyor and Mapper (PSM), FL

Affiliations & Memberships
Florida Surveying & Mapping Society Member

Michael Ehrhart, PSM

Principal-In-Charge| Geospatial Regional Manager

Mr. Ehrhart is a Geospatial Regional Manager in Tampa, FL with over 17 years of experience with a wide array of survey projects, including topographic and tunnel verification surveys; GIS based structure inventory; property line restoration, public records research; and department of transportation (DOT) surveys. Mr. Ehrhart is responsible for implementing and leveraging advanced technologies into current survey operations to control cost, reduce scheduling, and increase safety in all survey operations. He specifically utilizes this technology in 3D Hi-Definition Laser Scanning (HDS) and Mobile LiDAR technologies for infrastructure analysis, design survey, and 3D modeling.

Key Projects

Charlotte County Subsurface Utility Engineering Verification, *Charlotte County, FL*
CED is currently under contract with the County to provide SUE services to update and complete an accurate inventory of underground assets. Mr. Ehrhart serves as the Principal for this contract.

City of Tampa Professional Engineering Services for Survey and Subsurface Utility Engineering (SUE), *City of Tampa, FL*
CED provided Quality Level A and B subsurface utility investigations. Quality Level A involves the use of nondestructive digging equipment at critical points to allow for survey of the horizontal and vertical position of underground utilities, as well as the type, size, condition, material, and other characteristics. Quality Level B involves the use of surface geophysical techniques to determine the existence and horizontal position of underground utilities.

District Wide SUE Designate, Locate and Coordination, FDOT D1, *Districtwide, FL*
Performed task work orders to provide Quality Level A and B subsurface utility investigations. Quality Level A involves the use of the use of nondestructive digging equipment at critical points to determine the precise horizontal and vertical position of underground utilities, as well as the type, size, condition, material, and other characteristics. Quality Level B involves the use of surface geophysical techniques to determine the existence and horizontal position of underground utilities

Continuing Services Contract- Legacy Trail Bridge, FDOT D1, *Venice, FL.*
CED acted as a subconsultant to Horizon Engineering Group, Inc. in support of the design of highway widening and various other improvements along State Route 417 from Landstar Boulevard to Boggy Creek Road. The survey scope of work included planimetric mapping and digital terrain modeling of the entire project corridor, from Right of Way to Right of Way for over four miles of highway and cross streets. CED provided underground utility designates and locates, Mobile LiDAR, and UAS LiDAR, which were used to locate and document existing ground features along the roadway. Areas not visible for LIDAR collection, such as drainage ditches and wooded areas, were collected conventionally by RTK GPS or Total station. The resulting datasets were merged to create a highly detailed and comprehensive final design survey deliverable. Mr. Ehrhart was the lead for CED's design survey and LiDAR services for this contract.



Eugene Collings-Bonfill, PE, PSM

Project Manager | Civil/Site

Eugene Collings-Bonfill, PE, PSM brings over 26 years of comprehensive experience in the engineering and construction industry, with expertise spanning surveying, engineering design, program and project management, and construction oversight. His career has been largely focused on municipal infrastructure, with a strong emphasis on parks and public spaces. Notably, Mr. Collings-Bonfill served as the Program Manager for the City of Doral's Parks Bond Program, where he was responsible for the day-to-day planning, coordination, and execution of multiple park improvement projects under the bond initiative. In this role, he led the successful delivery of the majority of the City's bond-funded projects—many of which were completed ahead of schedule and under budget—in collaboration with this CES Team. His proven ability to manage complex, multi-stakeholder projects within a public agency framework makes him uniquely qualified to support the City of Fort Lauderdale's Parks Bond Program. He understands the importance of aligning project delivery with bond compliance, community expectations, and City objectives—ensuring transparency, fiscal responsibility, and timely execution across all phases of program implementation.

Education

BS Civil Engineering, University of Miami, 2011

MS Civil Engineering, University of Miami, 2013

MBA Florida International University, 2022

Professional Registrations

Professional Engineer (PE), FL, TX, GA, LA

Professional Surveyor and Mapper (PSM): FL

DBIA (D-3135) – Design Build Institute of America

PMP (#1620796) – Project Management Professional

Certified Floodplain Manager

Key Projects

Doral Central Park, *Doral, FL*

At 82 acres, Doral Central Park will be the largest park in the city, and one of the largest in the region. The community's vision for this park reflects Doral's populace in that it is both bold and diverse. Located in one of the fastest growing areas of the city, Doral Central Park is envisioned to be a multi-generational destination park for all Doral residents, regardless of age or ability, that seamlessly blends outdoor recreation, indoor recreation, and aquatics in a sustainable and community-centric way. Central Park is envisioned to be the recreation and special-events hub in Doral, and is anticipated to provide over 30 different components and programmatic areas, including: 70,000 SF recreation center, Canoe/Kayak launch, boardwalk trail, nature pavilion, competition pool, dog parks, basketball courts, picnic shelters, volleyball court, tennis courts, events pavilion, bike/exercise loop, community garden, playgrounds, skate park, aquatics center, and an amphitheater.

NW 102 Avenue between NW 66 Street and NW 74 Street – New roadway construction, *Doral, FL*

Mr. Collings-Bonfill served as the project manager with the City of Doral for the design, post-design, and construction of the new roadway corridor for NW 102 Avenue between NW 66 Street and NW 74 Street. The project included Right-of-Way acquisition, Maintenance of Traffic, clearing and grubbing, curb and gutter, retaining wall, roadway base and stabilized subgrade, milling, paving, lighting, drainage, roadway signing and pavement markings.

Doral Boulevard Median Landscaping Improvements – Phase 1, *Doral, FL*

Mr. Collings-Bonfill served as the project manager with the City of Doral for the design, post-design, and construction of the Median Landscaping improvements. The project consisted of the construction and installation of landscaping improvements to include an irrigation system, lighting, and other roadway/landscaping improvements as necessary to adapt the corridor to the Doral Boulevard Beautification Master Plan.



Pavel Drachev, PE

Deputy Project Manager | Geotechnical Services

Mr. Drachev is a Project Engineer with over 15 years of geotechnical engineering, construction observation, and materials testing experience. His construction experience includes field observation and testing services related to earthwork (e.g. subgrade stability; fill placement and compaction testing); cast-in-place concrete sampling and testing for foundations, slabs-on-grade, and slabs-on-metal deck; post-installed anchor installation; spread footing construction; and auger-cast-in-place piles. His geotechnical engineering experience includes coordinating and executing geotechnical exploration programs, including field observation and logging of the exploratory work (test borings and test pits); assignment and execution of laboratory test programs; assistance with geotechnical evaluations (e.g. bearing capacity and settlement determinations); and technical report preparation.

Key Projects

RSW International Airport Expansion, Fort Myers, *Lee County, FL*
Project facilitator and project engineer managing all field staff for the Quality Assurance testing (construction materials testing) for the terminal expansion of RSW. Also charged with preparing all deliverables including daily field reports, laboratory testing, and notifications to clients. Services provided include:

- Field testing of sitework and other improvements to verify general compliance with plans and specifications.
- Auger Cast Pile Observation
- Static Load Test Observation
- CMT laboratory testing on soil and concrete samples

SRQ International Airport, Sarasota-Bradenton, *Lee County, FL*
Project Facilitator and project engineer managing all field staff for a number of tasks including geotechnical exploration/evaluation QA testing and Construction Materials Testing - CMT). Served on multiple projects for varying purposes and roles as a team member with EG Solutions. Projects include:

- Pavement and geotechnical exploration with sitework recommendations for commercial apron expansion of the airport.
- CMT laboratory testing on soil samples to be used for commercial apron expansion.
- QA (Quality Assurance) Construction Materials Testing on the commercial apron expansion including density tests, concrete testing, cement-treated base backfill, and field observations

SFRTA Railway Maintenance Station, *Palm Beach County, FL*
Project Engineer responsible for managing field operations, managing field personnel, and organizing explorations and safety programs with the transit authority. Improvements include sound walls, rail tracks, light structures, buildings, and ponds. Mr. Drachev provided a wide range of geotechnical recommendations for the proposed improvements, as well as remediation recommendations for the issues encountered, based on the results of the exploration.

Education
MS Civil Engineering Coursework, Villanova University, Ongoing

BS Civil Engineering Coursework, Drexel University, 2018

Engineering Science Coursework, Community College of Philadelphia, 2016

United Union of Roofers, Waterproofers, and Allied Workers Vocational School, 2012

MS Mechanical Engineering, South Ural State University, 2008

Professional Registrations
Professional Engineer (PE), FL

Certifications
Local 30 United Union of Roofers, Waterproofers, and Allied Workers, June 2012

OSHA 40 Hr HAZWOPER Training

OSHA 10 & 30 Hr Construction Safety Course

ICC Reinforced Concrete Special Inspector Associate

ACI Adhesive Anchor Installation Inspector

ACI Concrete Field-Testing Technician, Grade 1

Troxler Nuclear Density Gauge Operation Safety



Gregory Stevens, PE

Geotechnical Services Lead | Geotechnical

Education
BS, Civil Engineering, University of Central Florida, 2005

Professional Registrations
Professional Engineer (PE), FL

Affiliations & Memberships
Florida Engineering Society (FES), Myakka Chapter

American Society of Civil Engineers (ASCE), Suncoast Chapter

American Council of Engineering Companies – ACEC-Florida

Awards
2017 Young Engineer of the Year – Florida Engineering Society, Myakka Chapter

2019 Engineer of the Year – American Society of Civil Engineers, Suncoast Chapter

2020 Engineer of the Year – Florida Engineering Society, Myakka Chapter

Mr. Stevens has managed geotechnical design projects for numerous public and private sector clients. He has organized and executed geotechnical explorations, performed geotechnical analyses and designs, prepared technical reports, and maintained project budgets. Mr. Stevens has managed projects and contracts for clientele including the Florida Department of Transportation, Manatee County, Sarasota County, City of Sarasota, Florida Power and Light, Charlotte County Utilities, Charlotte County, and numerous private clients.

Mr. Stevens' geotechnical analyses and design experience includes shallow and deep foundations, berm stability, transportation, land development, forensics, sinkholes, ponds, and pavement coring. He is well-versed in industry software such as FB-Deep, L-Pile, Settle3D, Geoslope Suite (Seep/W and Slope/W), Allpile, and SigmaPlot.

Key Projects

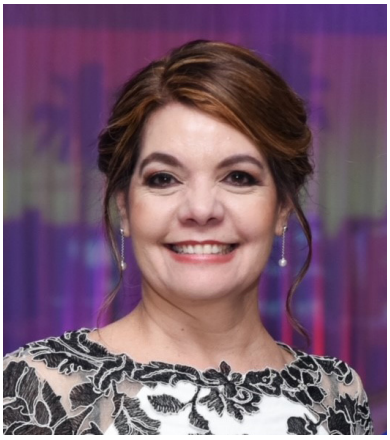
Citywide Drainage Evaluation, *City of Bradenton Beach, FL*
Senior Project Manager responsible as the client representative and geotechnical engineer for the project. Duties included managing all client interactions for direction with the drainage improvements as well as geotechnical concerns. Geotechnical interactions included pavement explorations, soil explorations and forensic evaluations of pavement distresses.

Longboat Pass Drawbridge, *Town of Longboat Key, Manatee County, FL*
Project Engineer and Project Manager responsible for supervising the forensic investigation regarding the movement of the Longboat Pass drawbridge. Geotechnical explorations were performed to develop recommendations for a remediation pile bent to support the distressed bent. Oversaw monitoring services and reviewed PDA services during construction of the project. Contact: Mark Laukner, P.E. / PGA / 813-978-3100

FDOT District 1, Continuing Services Contract - Legacy Trail Bridge, *Venice, FL*
Project Engineer and Project Manager responsible for supervising the geotechnical explorations. Developed geotechnical analyses, including settlement analyses for the Legacy Trail Bridge which is the first GRS-IBI bridge system designed and built by FDOT.

Continuing Services Geotechnical Contract, *Manatee County, FL*
Contract manager and project manager for this contract. Responsibilities included acting as Senior Project Engineer for geotechnical exploration and evaluation, and Responsible Engineer in Charge of QC testing (Construction Materials Testing - CMT). Mr. Stevens served on multiple projects for varying purposes and roles for the County.

Continuing Services Contract, *Sarasota County, FL*
Contract manager and project manager for this contract. Responsibilities included acting as senior project engineer for geotechnical exploration and evaluation, and Responsible Engineer in Charge of CMT testing.



Education
BA, Architecture, University of Camaguey, Cuba, 1992

Land Development Course (MDC), 2000

Surveying 1 Course (MDC), 2001

MicroStation V8 Training (IMAGINiT), 2005

Principals & Practice of Land Surveying (Georgia), 2006

Land Surveyors Review Course (University of Missouri-Rolla), 2007

AutoCAD Civil 3D 2009 (Digital Drafting System), 2008

EFB for Windows Mobile Platform

Professional Registrations
Professional Surveyor and Mapper (PSM) Florida No. LS6796, 2010

Affiliations & Memberships
Florida Surveying & Mapping Society Member

American Congress on Surveying & Mapping

Aimara Diaz La Rosa, PSM

Survey Services Lead | Survey

Ms. Diaz La Rosa has more than 25 years of experience in surveying and mapping for commercial, residential, and governmental clients including right-of-way mapping, subdivision platting, design surveys, various constructions projects, topographic surveys for water and sewer departments, and various boundary, topographic and specific purpose survey projects for private clients, public agencies, and developers. Her experience also includes review of control surveys, right-of-way maps, and design surveys while employed at FDOT D6 Surveying and Mapping office.

She is highly involved in the majority of all the projects, coordinating with the field crews as well as the clients in order to come up with an accurate and time-efficient final product. Her specialties also include Construction layout survey, ALTA-NSPS land title surveys; right-ofway- control surveys; legal descriptions and utility easements; water and sewer as-built surveys; right-of-way surveys; engineering design surveys; construction engineering and inspection (CEI) surveys; route surveys for highways; condominium surveys, and tentative plats and final plats.

Key Projects

City of Miami, Miscellaneous Surveying & Mapping Services, *Miami, FL*
Project Manager: Oversees miscellaneous work orders providing surveying and mapping services, including photogrammetry, boundary surveys, as-built drawings, legal descriptions for right-of-way acquisitions, plats/maps, certification of plats for code compliance, vertical control networks, topographic surveys, construction layouts, drainage surveys, utility designation/coordination, and water boundary surveys.

Morningside Park, City of Miami Miscellaneous Surveying Services Contract, Miami, FL
Project Manager: Managed property boundaries, interior/right-of-way improvements, tree and building locations, elevations, invert elevations, inlets/manholes, easements, site benchmarks, and bathymetric survey around the dock and boat ramp. Morningside Park, approximately 42 acres, is near NE 7th Ave and NE 55th Terrace. Responsible for supervising field and office procedures, ensuring compliance with Florida Standards of Practice and QA/QC.

SR 973 (SW 87 Ave.) from SR 5 (US 1) to SR 90 (SW 8 St.) ROW Control Survey, ROW Map, & ROW Monumentation Map FDOT District 6, *Miami-Dade County, FL*
Project Surveyor & QA/QC Manager. Colliers Engineering & Design is supporting the District with the development of this ROW Map and Monumentation Map effort as a subconsultant to HDR via a GEC contract. The project scope included performing the necessary research and survey to prepare a ROW Control Survey, a ROW Map, and monumenting the ROW and preparing a ROW Monumentation Map. Ms. Diaz La Rosa served as Project Surveyor and QA/QC Manager for this TWO.

SR A1A (Collins Ave. / Indian Creek Dr.) from 5800 Block to 63rd St. and from 26 St. to 44 St, Design Survey FDOT District 6, Miami-Dade County, FL
Project Surveyor & QA/QC Manager. Includes 3D design survey and DTMs performed using Terrestrial Static LiDAR and conventional survey methods; alignment retracement; check cross sections; drainage survey; primary horizontal and vertical control networks; preparation of survey files.



Denis Denis, PE, PSM

Senior Surveyor | Survey

Mr. Denis is a licensed Professional Surveyor and Mapper and a licensed Professional Engineer in Florida and is a proctor for the National Society of Professional Surveyors (NSPS) Certified Survey Technician (CST) program. With over 18 years of surveying expertise in design and construction, Denis has successfully completed numerous projects, ranging from small-scale land surveys to large-scale construction and infrastructure developments. He has worked with multiple Districts of the Florida Department of Transportation (FDOT) and has also served as in-house consultant to FDOT District 6 Surveying and Mapping office. His expertise includes control and right of way mapping surveys; design surveys for engineering projects; route surveys for highways; utility, topographic, and as-built surveys; ALTA/NSPS land title surveys; and construction support surveys for commercial and high-rise building projects.

Education

Bachelor of Business Administration, Florida International University (FIU), 2018

BS, Civil Engineering, Florida International University (FIU), 2013

Professional Registrations

Professional Surveyor and Mapper (PSM), Florida No. LS7017, 2015

Professional Engineer, Florida PE No. 89314, 2020

Florida Real Estate Sales Associate, License No. 3202259

Affiliations or Memberships

Florida Surveying and Mapping Society (FSMS)
American Congress on Surveying & Mapping (ACSM)
National Society of professional Surveyors (NSPS)
Certified Survey Technician (CST) Proctor

Key Projects

Miscellaneous Location Survey Consultant and Right of Way (ROW) Mapping Consultant Contracts, FDOT District 6, *Miami-Dade & Monroe Counties, FL*
Contract Project Manager. The D6 Districtwide (DW) Location Survey and ROW Mapping contracts are on-call contracts with work performed on a Task Work Order (TWO) basis for assignments located throughout Miami-Dade and Monroe Counties. Typical services performed include ROW surveys, sectional retracement, ROW alignment, ROW Mapping, Maintenance Mapping and Control Surveys, as well as horizontal and vertical control, topographic, as-built, and quantity surveys. To date, as the PM for the DW Location Survey Contract C-AF60 and the DW ROW Mapping Contract 20 & 57 C-A730, Mr. Denis has successfully completed 18 TWOs and 55 TWOs, respectively.

ROW Mapping & Monumentation, FDOT District 6, *Miami-Dade & Monroe Counties, FL*
Project Manager | Survey. Colliers Engineering & Design has completed numerous ROW Maps and Monumentation Surveys on a Task Work Order basis under several D6 GEC contracts. Mr. Denis has been in responsible charge for the ROW Mapping and Monumentation Surveys for the following: SR 5 (Overseas Highway) from mile marker 3.8 to 6.5, Monroe County; SR 5 (Overseas Highway) from mile marker 46.8 to 54, Monroe County; and SR 7 (SW/NW 8th Avenue) from SW 8th Street to NW 14th Street, Miami-Dade County.

SR 860 (Miami Gardens Dr) from NW 87 Ave to NW 57 Ave – Design & Control Survey, FDOT District 6, *Miami-Dade County, FL*
Project Manager | PSM. Includes 3D design survey and DTMs performed using Terrestrial Static and Mobile LiDAR methods; alignment retracement; check cross sections; drainage survey; primary horizontal and vertical control networks; recovery of section and ¼ section corners and subdivision blocks; preparation of R/W Control Survey Map.

Monumentation Maps, FDOT District 6, *Miami- Dade County, FL*
Project Manager | PSM. Responsible for establishing project control and Baseline of Survey, surveying section and ¼ section corners and subdivision blocks, monumenting baseline and r/w lines, and preparing R/W Maps and R/W Monumentation Maps.



Education
AAS Applied Science, Brookdale Community College, 1985

Professional Registrations
Geomatics Professional Certificate, Rutgers University

Geographic Information Systems Professional: GISP

Affiliations & Memberships
American Water Works Association (AWWA)

Mid-Atlantic Chapter of the Urban & Regional Information Systems Association (MAC URISA)

New Jersey Water Environment Association (NJWEA)

North Carolina ArcGIS Users Group (NCAUG)

New York State Association of Counties (NYSAC)

New Jersey Water Association (NJWA)

Suzanne Zitzman, GISP

GIS Lead

Ms. Zitzman, a Senior Principal at the firm, has over 38 years of extensive GIS/GPS project management, design, and mapping experience in the transportation, and civil engineering fields. She manages the firms national GIS Asset Management Services Division. Her skills include various aspects of utilizing web-based geographic information systems involving utilities, land use, property assessment, environmental and transportation assets.

Her experience includes managing a total of 25 GIS needs assessment and implementation planning for a variety of client types such as county, and local government; and utility authorities

She has been a keynote speaker on GIS asset management technology applications at state level conferences and received a national recognition award for her achievements in implementing web-based GIS asset management and public communication portal programs for local government.

Key Projects

eGIS Asset Management Program, *Tenafly Borough, Bergen County, NJ*
Implemented an Esri ArcServer commercial off the shelf Asset Management program (AMP) for the Borough of Tenafly Public Works department. Work Orders are handled using mobile GIS applications using IOS digital pad hardware. Staff can view work order assignments, complete the task, and closeout the work request paperless in a connected and disconnected internet environment. The AMP contains all transportation assets such as streetlights, signs, road pavement, parks and recreational assets.

New York City, Economic Development Corporation
Stormwater Conveyance System Inventory, *New York City, Queens County, NY*
Our team performed the collection and inventory of the client's stormwater conveyance system on designated properties owned throughout New York City's waterfront properties. Using GPS centimeter grade accuracy units, we conducted the collection by use of GPS and management mobile tools Esri Survey123, and Collector for GIS. A dashboard was used to track progress of the field teams. The final deliverable contains a standardized Esri geodatabase, with reports describing the findings of the field collection. During the collection, areas needing further investigation by means of dye testing and tracking of waterflow were reported to NYCEDC. The second phase of the project had our GIS team and water/wastewater engineers returning to some of the sites to perform further investigation measures to complete the stormwater conveyance system mapping.

North Carolina Department of Transportation (NCDOT) Atlas Program
Sewer Service Area Dataset, *North Carolina*
Ms. Zitzman managed services to create a sanitary sewer service Esri geodatabase for over 600 utility systems statewide. Our team created a web based spread sheet to track interaction with utility owners, and catalog existing data acquired during the existing data compilation process.

Our GIS staff standardize the datasets and confirmed sanitary sewer service area outlines with collaboration with our Wastewater professional engineers and utility owners. The Atlas Program is a living depository of over 400 state level GIS datasets varying from land use, environmental constraints, and cadastral datasets.

Personnel Plan

Operating Plan

Our team has decades of experience working on continuing services contracts just like this. In our experience, clear, concise communication is key to a successful relationship. **Our team also provides value added as they act not just as technical experts, but also as project leaders who are well versed in all the engineering and survey disciplines.** We also have an in-house grants discipline that we regularly interact with to enhance outside funding possibilities on all projects.

We maintain open communication, availability, and accessibility to implement the plan and schedule. The CED Team PM and Key Staff are available to attend meetings face to face, on-site, or virtually over Teams or WebEx with the Village PM or staff members. Weekly team production and progress reporting meetings involving all team members and openly shared with all team members provides transparent communication and fosters opportunities for coordination and supervision.

Mr. Collings-Bonfill, and key teams staff members will attend pre-scheduled project meetings in person with the Village PM, or other staff members unless virtual meetings are preferred for an individual meeting. Sharing of contact information of all Key Team Members, meeting notes and project status reports, encourages and demonstrates accessibility for all team members and Village staff. The Village is a priority client for the CED project team, and through established communication protocols, transparent communication, and committed Sr. staff assigned to the production team, we can ensure availability during this contract.

All professional engineering documents will be signed and sealed by the responsible Florida Professional Engineer or Surveyor that is working on the project, with direct oversight over any field staff and/or other staff working on the project. Our field staff all have years of experience working on Florida contracts just like this, and are comfortable in their roles with the technical qualifications to back up their experience. In addition, mentorship across staff is encouraged to ensure that lessons learned about how the Village would like us to operate are continuously communicated to the entire team. This positive feedback loop ensures continually improving service to the client.

Specifically, during design phase, Mr. Collings-Bonfill will be primary point of contact to receive all communications regarding assignments. He will then pass the request on to the team for any comments or requests for additional information. A clear and concise request for any additional information will then be returned (if necessary) to the Village within 24 hours. Once any additional information has been received, our team will meet to prepare the proposed scope while also planning the most efficient and experienced team from our capabilities to service the project. This allows us to hit the ground running after approval of the work order by the Village.

Once approved to begin work, our team that has been preorganized will be immediately ready to start working on the project. It is important to note that our QA/QC program has already begun during the proposal phase, but is particularly critical during the planning phase of the project. Making sure that any field operations such as CMT testing or field explorations are clear and organized is a priority for us, as we know that our presence on any site is a representation of the Village. Mr. Collings-Bonfill and Mr. Drachev will both spend time reviewing the exploration program to make sure that it meets the Village requirements and also will provide a smooth operation in the field.

Once exploration is complete, the QA/QC process will continue with all members of our team reviewing information as it becomes available for issues. If any major site issues or concerns for development are apparent, we will immediately contact the Village representative so they can bring the design team in as necessary to discuss modifications that may be necessary to the overall development plan.

As the report is prepared and sent to the client, the strength of our immersive QA/QC program becomes apparent as the Village and design team are all on the same page, so it becomes easy to have the report match the intent and requirements of the Village and the design team. In addition, we use advanced software in the preparation of our analyses as well as reporting to provide efficient and high quality deliverables to the Village.

The roles/responsibilities of our team are clearly defined. Mr. Collings-Bonfill (as lead) meets multiple times a week with Mr. Drachev. This team attacks all issues with any assignments directly, and also coordinates the rest of the technical team to provide the best possible product to the Village. Mr. Collings-Bonfill and Mr. Ehrhart regularly meet as well to make sure that the strategic vision of the company meets the needs of this particular contract and that any major modifications to equipment and staffing are promptly handled so that the contract can run smoothly. From a technical perspective, Mr. Drachev, and Mr. Stevens are predominantly involved with leading the Geotechnical team, while Mr. Denis and Ms. Diaz La Rosa lead the Survey team.

Staffing Information, Workload, & Availability

CED holds several Work Order based contracts with state and local agencies that will continue through the duration of this contract. Our history of performance illustrates our ability to manage multiple active contracts and projects by focusing on communication, collaboration, and work-sharing. Our local management staff constantly forecasts our clients' needs and upcoming commitments to develop staffing requirements to meet all expectations and commitments. We are confident that supporting the projected projects/contracts included in the team availability table on the following page will not diminish our ability to maintain capacity or our commitment to the Village under this contract.

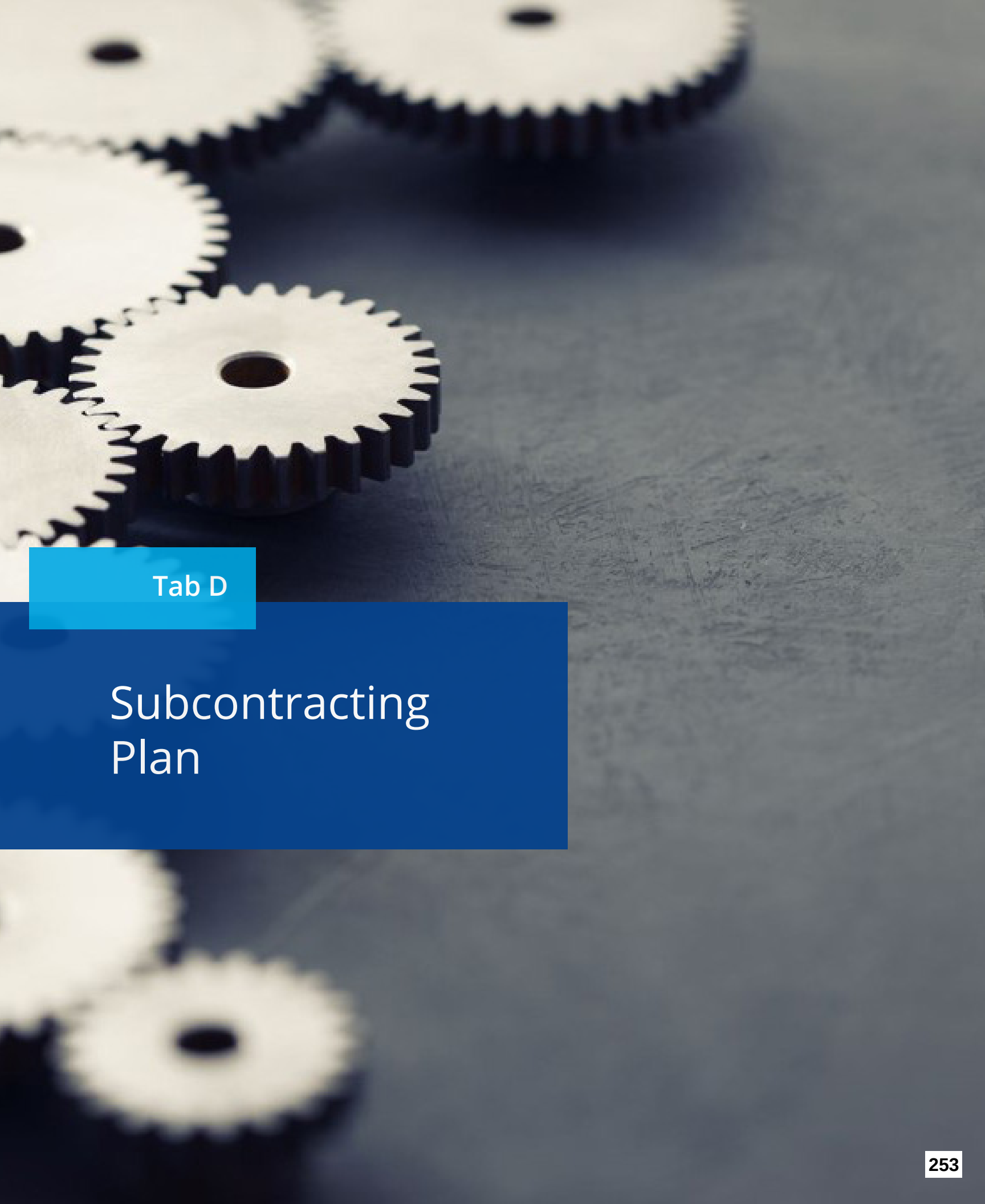
Our leadership team in the Miami office manages weekly utilization meetings with all key staff for the purpose of evaluating daily workload projections for the week ahead. Following this meeting is a Southeast based operations meeting discussing the same item and uses this as a gauge for filling gaps where staff is needed. Having these weekly operations meetings provides project managers the ability to forecast project completion dates and allowing them to rely on this information to keep projects on schedule. CED's location and labor management structure and processes allow our firm to provide the Village with the highest level of attentiveness, responsiveness, availability, and flexibility to successfully complete all tasks.

CED's management staff carefully allocates the firm's resources to address the constantly shifting market demand for projects. We promote a management philosophy that supports cross-training our staff to prepare them to be available on short notice and to be qualified to support the variety of disciplines which have the potential to be included in Village requested projects. This enables CED to maintain optimum utilization of highly trained individuals who provide resources for "Fast-Track" project completion. This approach has enabled us to maintain a steady stream of projects, while enabling us to allocate adequate resources to immediately respond to new task order assignments from the Village.

Availability Chart

The following graphic demonstrates the CED Team's current commitments and availability based on percentage:

Primary Key Staff Recent and Current Commitments				
Name	Years of Exp.	Role	Responsibilities	Availability
Michael Ehrhart, PSM	17	Principal-in-Charge	Leveraging advanced technologies into current operations to: • Control Costs • Reduce Scheduling • Increase Safety	55%
Eugene Collings-Bonfill, PE, PSM	26	Project Manager	Organize and execute all tasks associated with this contract: • Ensure tasks budget and schedules are met • Facilitate all communication between client and CED	85%
Pavel Drachev, PE	15	Deputy Project Manager	Oversee all Geotechnical Services: • Site Investigation and Soil Testing • Geotechnical Engineering Analysis • Foundation and Pavement Design • Construction Support & Quality Assurance • Reporting & Documentation	85%
Greg Stevens, PE	20	Geotechnical Services Lead	Assisting all Geotechnical Services: • Site Investigation and Soil Testing • Geotechnical Engineering Analysis • Foundation and Pavement Design • Construction Support & Quality Assurance • Reporting & Documentation	80%
Aimara Diaz La Rosa, PSM	29	Survey Services Lead	Oversee all Survey Services: • Boundary & property Surveys • Topographic Surveys • Construction Survey & Staking • Right-of-Way Easement Surveys • Hydrographic & Floodplain Surveys	80%
Denis Denis, PE, PSM	18	Senior Surveyor	Assist all Survey Services: • Boundary & property Surveys • Topographic Surveys • Construction Survey & Staking • Right-of-Way Easement Surveys • Hydrographic & Floodplain Surveys	60%
Suzanne Zitzman, GISP	39	GIS Lead	• Oversight of GIS & Digital Mapping Services • Provide GIS data integration for mapping purposes • Develop and maintain geospatial databases for infrastructure assets • Deliver CAD and GIS-compatible files for municipal use	75%

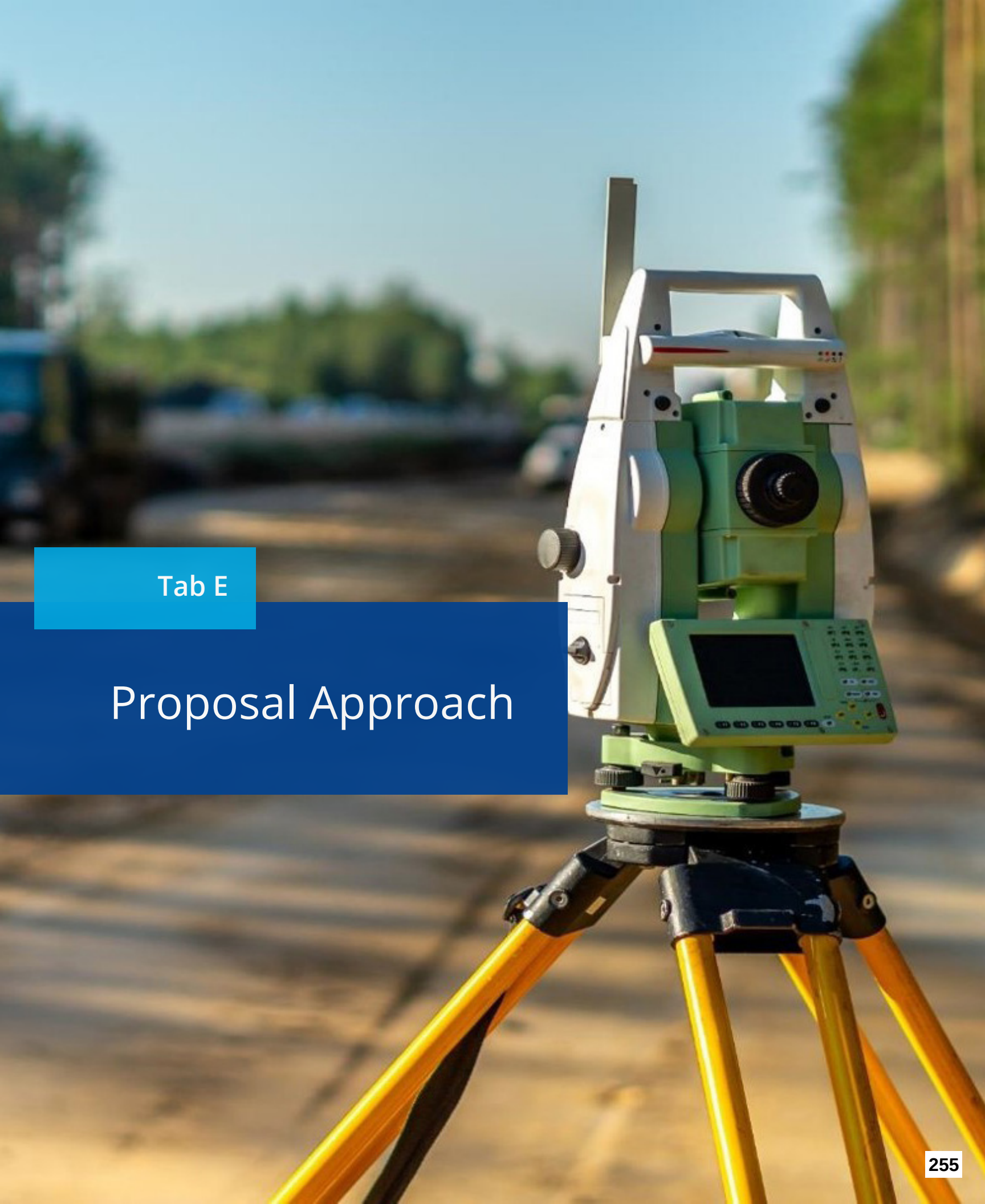


Tab D

Subcontracting Plan

Subconsultants

CED can provide all of the requested services in-house, and will not have any teaming partners.



Tab E

Proposal Approach

Project Management Approach

CED employs a proven and comprehensive approach to project management by engaging established procedures that are utilized uniformly throughout the corporate enterprise. Our professionals work diligently with our clients to ensure successful project delivery in compliance with approved schedules, design, budgeting, permitting, and administration while maintaining quality standards from initial assessment through project completion.

CED believes the foundation of successful service is communication. Mr. Collings-Bonfill will be available as the primary point of contact, to listen and understand the needs of Village for each task. From this, Mr. Collings-Bonfill will make sure a work plan is put in place to meet the needs of scope, representation, schedule, and budget. All task plans will start with the intent to perform work with minimal impact to daily campus activities, even if that means working after normal campus hours or on weekends.

During the initial review of the project scope of work a risk analysis assessment will be performed to identify project related impediments that may have the potential to negatively impact the schedule, budget, or both. Identifying potential problems early during the initial project life will help determine a more realistic project schedule and budget and increase project success. Early identification of potential impacts and mitigation measures will prevent these occurring at a future date, potentially overwhelming project resources with devastating effects. The final scope of work approved by the client forms the baseline for the official project budget and project schedule.

After a task request has been received, Mr. Collings-Bonfill will thoroughly review the scope of services with our Deputy PM, Pavel Drachev, PE, and assigned CED staff to confirm we have a good understanding of the tasks to be performed. Our management team will then meet with the Village Project Manager and the applicable Village staff to ensure a clear understanding of the project goals, needs and expectations, including deliverables and milestone scheduling. Following this meeting Mr. Collings-Bonfill will prepare a draft of the revised scope, staff hour, fee estimate and schedule duration for review, negotiation, and approval. When time is of the essence, CED will provide a proposal within 24 hours of the request.

After completion of the negotiation phase and upon notice to proceed (NTP) , Mr. Collings-Bonfill will hold a kickoff meeting with all key personnel to discuss project milestones, schedules, accuracies, deliverables, and QA/QC procedures. All key staff will be given the work program schedule that identifies critical milestones for each stage of the project.

Status Reporting. With each monthly invoice submittal, Mr. Collings-Bonfill will provide a status report for all open task assignments to the Village. These reports will include the schedule status and percent complete billings for all assignments. Report formatting will be consistent among our team members and each Work Order will contain a checklist of items specific to the assignment and project coordination.

At a minimum these reports will include documentation of any submittals; percent complete reporting for each task element; meetings held, planned or requested, including minutes thereof; issues or problems encountered and how they were addressed or resolved; invoicing and payment details; and production goals for the next reporting period.

Team Approach

CED has been assembled with the goal to combine and maximize the strengths of our creative and talented professional and technical staff. Our extensive knowledge, additional resources, technical expertise, and trusted collaboration provides a solid team the Village can depend on. Our proactive teamwork, coordination and collaboration will directly result in quality on every assignment.

CED employs a proven and comprehensive approach to project management by engaging established procedures that are utilized uniformly throughout the corporate enterprise. Our professionals work diligently with our clients to ensure successful project delivery in compliance with approved schedules, design, budgeting, permitting, and administration while maintaining quality standards from initial assessment through project completion. During the initial review of the project scope of work a risk analysis assessment will be performed to identify project related impediments that may have the potential to negatively impact the schedule, budget, or both. Identifying potential problems early during the initial project life will help determine a more realistic project schedule and budget and increase project success. Early identification of potential impacts and mitigation measures will prevent these occurring at a future date, potentially overwhelming project resources with devastating effects. The final scope of work approved by the client forms the baseline for the official project budget and project schedule.

Communication

Effective communication, coordination, and collaboration between our team, external team members such as the Village's civil engineering consultants, and the Contract Manager will be vital throughout this contract. This will be achieved through developing a clear understanding of the scope, defining roles and expectations, establishing clear communication protocols, open and clear collaboration and reporting, and transparency regarding

both achievements and challenges. The agenda for the kick-off meeting for each task and subsequent weekly team meetings include discussions regarding project goals, schedule, progress and performance with input welcome from all of the members of the project team. In this way, our team members are fully informed regarding project status and their individual responsibilities. If issues or challenges arise during the course of a project, they are discussed with various team members, a plan of action formulated, and instructions regarding the way forward disseminated appropriately for implementation. Bi-weekly written reports will be submitted to the Village's Project Manager for all assignments with status updates for all established milestones.



Task Management

Upon receipt of any task request, Mr. Collings-Bonfill will thoroughly review the scope of services and related information provided by the Village to assess the project characteristics, determine safety needs, and note any special coordination, access issues or potential permits required. This review will allow us to respond with the appropriate method of approach, taking into consideration scope requirements, schedule and economics. A plan of action on task requests will be discussed with the Village Project Manager for consensus prior to staff hour development. Preparation of the staff hour estimate and fee will then be completed and submitted to the Village for review and negotiation. Once Notice to Proceed is received the Task Order specific project team, including CST certified field staff and survey technicians, are then included in a kickoff meeting to review the approach, schedule milestones, site specific safety requirements, field documentation of control monumentation and project specific QC plan. A review of current schedule, quality and cost progress occurs at each project milestone. If Specific Challenges are encountered, CED will review the challenges internally first to determine if we can overcome the challenge and deliver to the Village as originally planned. If challenges cannot be overcome with impact to deliverables and schedule, the challenges will be communicated with Village staff along with Proposed Solutions, and adjustments to the schedule and deliverable may be discussed to best meet Village needs. Following field and in-house reviews of the final work product, the deliverable is submitted to the Village's Project Manager for review and comment, with the review notes and CED's responses then incorporated into the project files.



Schedule

Our success on similar on-call survey contracts is largely due to our commitment of resources and attention to critical path delivery schedules. We want you to be confident in assigning task authorizations to the CED Team. It is our goal to track our capacity and available resources while also utilizing our team members responsibly to ensure timely delivery of services and all commitments are met on every task authorization. Mr. Collings-Bonfill will coordinate with the Village Project Manager to develop a proposed work plan that includes specific tasks, milestones, deliverables, completion schedules.

Mr. Collings-Bonfill will coordinate with the Village's Project Manager to develop a proposed work plan that includes specific tasks, milestones, deliverables, and completion schedule.

The status of each task order will be closely monitored on a weekly basis to make sure all tasks remain on schedule. Supporting this contract for the Village is not only a priority of our Miami office, but also, our Florida leadership. Our survey production management staff holds daily scheduling and weekly project management meetings, which include leadership from all Florida offices. This allows our team to leverage resources regionally and prioritize task authorizations with the appropriate staff levels to ensure the quality and responsiveness you expect from our team is maintained without sacrificing other obligations. We envision our relationship with the Village will develop quickly and strengthen with this contract and CED is prepared to grow with your needs as an organization and succeed with each task order.

For complex projects, Microsoft Projects is used to create a schedule based on critical path timelines. Daily staff assignments are made collaboratively by our project management team in Microsoft Teams group that is accessible to all staff, assuring that our staff talents are deployed to effectively service Village schedules. ***CED is committed to meeting all of the "project specific" time and budget requirements for the agreed upon scope of services negotiated for each task order under this contract.***



Control of Budget

This is a Work Order-based contract with each assignment negotiated on an individual basis. Mr. Collings-Bonfill' experience with a wide variety Geotechnical and CEI assignments makes him familiar with the level of effort required for performing specific work elements included in various types of projects. Having negotiated numerous work orders on previous contracts, he understands the

typical expectations regarding anticipated work efforts and how to efficiently utilize personnel. Mr. Collings-Bonfill will be responsible for the cost control and overall budget maintenance of the contract. **Budgets for each assignment will be tracked and maintained on a weekly basis using the project management portals included in BST Financial Software (Ver.10).** This allows for monitoring of project financial details to quickly determine which activities are negatively impacting the schedule or budgets and institute aggressive corrections including adding resources to prevent cost overruns. Invoicing will be prepared monthly and/or to coincide with milestone deliverables and will document the percent complete status for each assignment.

CED is committed to meeting all "phase specific" time and budget requirements for the agreed upon scope of services negotiated for each task work order in this contract.



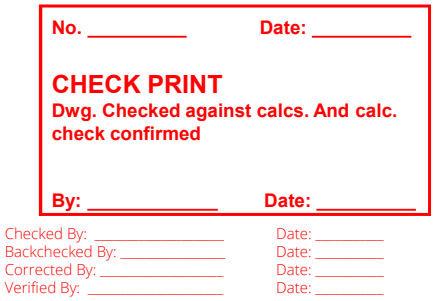
QA/QC Program

It is CED's policy to establish, commit to, implement, and monitor a QA/QC plan for every project, ensuring quality deliverables for our clients. Our overall QA/QC program is continually monitored to maximize its success and to identify possible improvements. **Each CED employee is a part of this QA/QC program, and it applies to all our disciplines and office locations.** The CED QA/QC Program manual is designed to help Project Managers implement practices for effective project management and incorporates department-specific guidelines as they are developed.

All assignments performed for this contract will have a project specific QC plan and QC procedures will be implemented to mirror Village requirements to ensure product standardization and acceptance. Procedures will include in-process reviews to confirm compliance with and understanding of production processes, implementation of corrective actions as early as possible, and identification of process improvements.

Quality is achieved through a series of systematic reviews throughout the survey and document production process. In general, equipment calibration and tests are performed on a routine basis to verify proper and reliable operation of all equipment. Our workflows include standardized field procedures and generally accepted survey practices which significantly reduce the chance for error. CED takes full responsibility for the quality of our project submittals, including components. To achieve the highest possible quality, deliverables for each task order will be reviewed by a qualified independent reviewer from the appropriate technical discipline.

Our QA/QC process for all submittals is redundant in nature, having a minimum of two reviewers for every task order. As depicted in the diagram below, each reviewer follows a strict order of process which involves thorough back-checking of all documentation. The reviewer's comments will be coded in **RED**, plans will be updated per the comments and noted in **GREEN**, and the back checker will verify the changes are made with **BLUE** ink. The final step of the process is a QA review by senior project management to ensure the QCP process was followed.



Final deliverable formatting will be consistent and prepared in accordance with Florida Statutes Chapters 472 and 177, Florida Administrative Code Chapter 5J17 and Village Codes as well as any project specific requirements. A workplan will be developed containing a checklist of items specific to the project. Submittals will be made only after our staff ensures that each deliverable meets the required standards and specifications.



Safety

Safety is a core value for CED. We have adopted the Behavior Based Safety (BBS) model as an enhancement to our existing safety program to live a Safety Culture at work and home. CED crew members and project management maintain Intermediate Maintenance of Traffic (IMOT) certifications as well as OSHA 10-hour, OSHA 30-hour, OSHA HazWOPER, confined space entry, coalition for construction safety (CCS), E-Rail Safe, and first aid/CPR training. We regularly inventory all personnel and vehicle safety equipment and use daily Health & Safety Checklists forms and on-site "tail gate" meetings to assess and mitigate for potential hazards. We commit to using remote sensing and mobile LiDAR scanning technology to stay out of travel lanes. All field activities will involve MOT certified personnel and will include a site-specific safety meeting to review potential hazards and safety protocols. Each of our employees has the authority to "Stop Work" in the event a potential hazard is observed to discuss and implement a corrective action plan. All required temporary traffic control or maintenance of traffic required to gather survey safely will be planned and submitted for Village approval prior to commencing any field activities. For best assurance that our staff contribute to the safety of staff, and the general public, our safety program includes following the most comprehensive drug-free workplace program in the industry.

Innovative Technologies

CED is constantly evaluating and acquiring new technology. Below is a brief listing of our innovative survey, geotech, and SUE technologies that we utilize to serve our clients:

- ***Mobile LiDAR –*** Allowing the capture of survey grade design information while traveling at normal roadway speeds, eliminating the need for crews to be in roadways.
- ***UAS LiDAR*** – "Drone" LiDAR is an effective method to gather topographic data over sites, from bare-earth to wooded parcels, accurately and efficiently.
- ***Terrestrial LiDAR*** – Also known as high-definition scanning, this allows for highly accurate data capture while maintaining safety.
- ***Hydrographic Drone*** – Using a small remote-controlled vessel outfitted with survey grade GPS and a single beam sonar scanner, this tool is an effective means of gathering topographic information of the bottoms of inland waters.
- ***NavVis VLX3*** – This wearable dynamic scanning system is a new tool that is excellent for interiors and close quarters collecting highly detailed reality capture data.
- ***Real Time Data Reporting (Geotechnical)*** – CED uses a cloud based CMT reporting system to provide real time reporting and results in an accelerated deliverable time to traditional methods.
- ***Real Time Data Reporting (SUE)*** – CED utilizes a custom mobile reporting platform through Fulcrum that is geospatially accurate and provides real time data reporting to the Project Management team. We also utilize Basecamp, a web-based office/mobile data sharing platform that includes all internal and external team members. These mobile reporting platforms immediately involve all team members necessary to address or resolve any issue. The data received from these mobile platforms also provide additional QA/QC data points to ensure thoroughly reviewed and correct deliverables.
- ***In-house GIS Services*** - CED provides a complete in-house serve team for the Village.

The most effective part of innovation is the integration of new technologies into real-world solutions. CED has processes in place that integrate these technologies into our workflows that will benefit the Village.

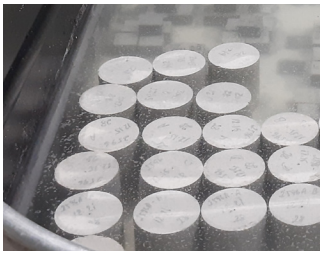
In-house Fort Myers CMT Materials Testing Laboratory

CED's Materials Testing Laboratory provides a full range of construction and geotechnical engineering materials testing services consisting of geotechnical (soil/rock), aggregate & concrete.

Our facility is accredited by CMEC with FDOT test methods to help clients meet all applicable building codes and project requirements with quality materials testing provided in a timely, cost effective, and practical manner.
Our on-site professionals are ACI and NICET certified and have performed testing for various projects as part of the geotechnical exploration and construction inspection and testing services.

Our soil testing capabilities include basic index testing such as particle size analysis, hydrometer, moisture content, Atterberg Limits, proctors and organic content to more advanced soil testing such as CBR/LBR, Consolidation, Direct Shear, Permeability and Tri-Axial (UC, UU and CU). Our rock testing capabilities include unconfined compressive strength.

Our concrete testing capabilities include compressive strength testing of cylinders, prisms, cubes and cores and flexural strength of beams.







Tab G

Insurance

COLLIER-01 MMCFARLANE

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 2/19/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
Ames & Gough 859 Willard Street Suite 320 Quincy, MA 02169	PHONE (A/C, No, Ext): (617) 328-6555	FAX (A/C, No): (617) 328-6888
	E-MAIL ADDRESS: boston@amesgough.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : Berkshire Hathaway Specialty Insurance Company (A++XV)	22276
INSURED	INSURER B :	
Colliers Engineering & Design, Inc. 101 Crawfords Corner, Suite 3400 Holmdel, NJ 07733	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	CLAIMS-MADE OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N	N / A					PER STATUTE OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	Professional Liab.			47EPP32691803	2/25/2025	2/25/2026	Per Claim Limit	2,000,000
A				47EPP32691803	2/25/2025	2/25/2026	Aggregate	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

*NAMED INSUREDS INCLUDE:

Colliers Engineering & Design, Architecture, Landscape Architecture, Surveying CT P.C.; Colliers Engineering & Design/Maser Consulting Inc.; Colliers Land Services, LLC.; CED Architecture, Inc.; Colliers Engineering & Design CT, P.C., Phase Zero Design Corp.

Evidence of Insurance

CERTIFICATE HOLDER

Evidence of Insurance

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Jared Maxwell

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Colliers Engineering & Design

Technical Staff Rates

Billing Titles	Hourly Rates
Principal-in-Charge	300.00
Project Manager	185.00
Project Surveyor & Mapper	215.00
Survey & Mapping/SUE Computer Technician	115.00
GIS Analyst	180.00
Survey/SUE/GIS Technician	115.00
Survey Field Coordinator / Supervisor	135.00
Survey Crew Chief	115.00
Senior Field Technician	80.00
Field Technician	70.00
Survey Crew Instrument Person	80.00
Survey Crew Rod Person	70.00
Survey Crew (Party of Two) Conventional	195.00
Survey Crew (Party of Three) Conventional	265.00
Survey Crew (Party of Four) Conventional	335.00
Survey Crew (Party of Two) Conventional & GPS	195.00
Survey Crew (Party of Three) Conventional & GPS	265.00
Survey Crew (Party of Four) Conventional & GPS	335.00
Survey Crew (Party of Two) Conventional & GPS & HD Scan	225.00
Survey Crew (Party of Three) Conventional & GPS & HD Scan	265.00
Survey Crew (Party of Four) Conventional & GPS & HD Scan	335.00
Designating Services - 3 Men Crew	290.00
Designating Services - 4 Men Crew	365.00
Ground Penetrating Radar - 3 Men Crew	290.00
Ground Penetrating Radar - 4 Men Crew	365.00
VAC Truck (Test Holes) - 3 Men Crew	365.00
VAC Truck (Test Holes) - 4 Men Crew	440.00

Reimbursable Expenses

General Expenses	Cost + 15%
Travel (Hotel, Airfare, Meals)	Cost + 15%
Sub-Consultants/Sub-Contractors	Cost + 20%
Plotting	4.50 / Each
Computer Mylars / Color Plots	100.00 / Each
Photocopies	0.19 / Each
Color Photocopies	2.05 / Each
Document Binding	4.05 / Each
Portable Media	100.00 / Each
Exhibit Lamination (24” x 36” or larger)	90.00 / Each
Initial Digital Signature	300.00
Additional Digital Signatures	75.00 / Each
Mileage Reimbursement*	0.655 / Per Mile
	Field Vehicle 0.75 / Per Mile

*Mileage reimbursement subject to change based upon IRS standard mileage rate.

SCHEDULE OF RATE VALUES - 2025

BY:	SD
DATE:	1/8/25
REV1:	
REV2:	
FINAL:	

Group	Line Item Description	UM	Rates
H2R Labor [001 - 012]			
H2R Materials Testing [101 - 106, 210 - 213, 300 - 306]	101-Aggregate Carbonates & Organic Matter FM 5-514	Test	150.64
	102-Aggregate Org. Impurities S& for Concrete AASHTO T21	Test	81.5
	104-Aggregate Sieve Anlsys of Fine & Coarse AASHTO T27	Test	93.28
	106-Aggregate Specific Gravity/Absorption Coarse AASHTO T85	Test	108.33
	209-Asphalt Pavement Coring - 4in dia with Base Depth Check	Each	257.29
	210-Asphalt Pvmt. Coring - 4in dia without Base Depth Check	Each	212.5
	211-Asphalt Pavement Coring - 6in dia with Base Depth Check	Each	288.44
	212-Asphalt Pvmnt Coring - 6in dia without Base Depth Check	Each	206.96
	213-Asphalt Structural Panel (See Long Description)	Test	567
	300-Concrete Beam Flexural Testing ASTM C78	Test	65.22
	301-Concrete Compressive Strength of Grout\Mortar ASTM C109	Test	36.18
	302-Concrete Cylinder Curing, Capping & Breaking ASTM C39	Test	39.23
	303-Concrete Drilled Cores & Sawed Beams ASTM C42	Test	66.69
	305-Concrete Pavement Coring - 4in Dia	Each	210.58
	306-Concrete Pavement Coring - 6in Dia	Each	287.01
H2R Materials Testing [101 - 106, 210 - 213, 300 - 306]	401-Geo Auger Borings-H& & Truck/Mud Bug	LF	12.7
	402-Geo Auger Borings-Track	LF	16.44
	404-Geo Backhoe (Rental without labor)	Day	751
	406-Geo Barge (Rental without labor)	Day	6222.5
	407-Geo Chainsaw (Owned)	Day	127.67
	408-Geo Concrete Pad & Cover for Monitoring Wells	Each	418.67
	409-Geo CPT Truck/Mud Bug 0-50 Ft	LF	16.5
	410-Geo CPT Truck/Mud Bug 50-100 Ft	LF	18.5
	411-Geo CPT Truck/Mud Bug 100-150 Ft	LF	22
	412-Geo CPT Truck/Mud Bug 150-200 Ft	LF	26
	413-Geo Crosshole Sonic Logging (CSL)*	Day	200
	415-Geo Double Ring Infiltration ASTM D3385	Each	637.87
	417-Geo Dozer (Rental without labor)	Day	1140
	418-Geo Drill Crew Support Vehicle	Day	231.81
	421-Geo Dynamic Pile Testing/Pile Driving Analyzer*	Day	600
	422-Geo Extra SPT Samples-Barge/Track/Amphib 0-50 Ft	Each	72.22

	SCHEDULE OF RATE VALUES - 2025	BY:	SD
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Group	Line Item Description	UM	Rates
	423-Geo Extra SPT Samples-Barge/Track/Amphib 50-100 Ft	Each	82.59
	424-Geo Extra SPT Samples-Barge/Track/Amphib 100-150 Ft	Each	100.28
	425-Geo Extra SPT Samples-Barge/Track/Amphib 150-200 Ft	Each	155
	426-Geo Extra SPT Samples-Barge/Track/Amphib 200-250 Ft	Each	175
	427-Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	Each	61.58
H2R SUBSURFACE EXPLORATIONS & SPECIALTY FIELD SERVICES [401 - 525, 600 - 619]	428-Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	Each	68.41
	429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	80.65
	430-Geo Extra SPT Samples-Truck/Mud Bug 150-200 Ft	Each	110.75
	431-Geo Extra SPT Samples-Truck/Mud Bug 200-250 Ft	Each	126.67
	432-Geo Field Perm 0-10 Ft Open-End Borehole Method	Each	433.18
	433-Geo Field Perm 10-25Ft Open-End Borehole Method	Each	574.31
	435-Geo Grout Boreholes- Barge/Track/Amphib 0-50 Ft	LF	10.09
	436-Geo Grout Boreholes- Barge/Track/Amphib 50-100 Ft	LF	12.11
	437-Geo Grout Boreholes- Barge/Track/Amphib 100-150 Ft	LF	15.97
	438-Geo Grout Boreholes- Barge/Track/Amphib 150-200 Ft	LF	23.5
	439-Geo Grout Boreholes- Barge/Track/Amphib 200-250 Ft	LF	30
	440-Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	LF	7.44
	441-Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	LF	10
	442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	12
	443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	18
	444-Geo Grout Boreholes- Truck/Mud Bug 200-250 Ft	LF	24
	445-Geo Grouted Monitor Well 2in 0-50 Ft	LF	50.97
	448-Geo Mini Shaft Inspection	Hour	294
	449-Geo Noise Monitoring	Hour	217.4
	450-Geo Piezometer 2in 0-50 Ft	LF	55.93
	451-Geo Pile Integrity Testing*	Day	193
	452-Geo Rock Coring Brg/Track/Amph 0-50 Ft 4in ID & over	LF	85.39
	453-GeoRocCoring Brg/Track/Amp 0-50 Ft les than 4in ID	LF	70
	454-GeoRocCoring Brg/Track/Amph 50-100 Ft 4in ID & over	LF	96.47
	455-GeoRocCoring Brg/Track/Amp 50-100Ft les than 4in ID	LF	83
	456-GeoRocCoring Brg/Track/Amph 100-150 Ft 4in ID & over	LF	114
	457-GeoRocCoring Brg/Track/Amp 100-150Ft les than 4in ID	LF	96
	458-GeoRocCoring Brg/Track/Amph 150-200 Ft 4in ID & over	LF	162.5
	459-GeoRocCoring Brg/Track/Amp 150-200Ft les than 4in ID	LF	109
	460-GeoRocCoring Brg/Track/Amph 200-250 Ft 4in ID & over	LF	203
	461-GeoRocCoring Brg/Track/Amp 200-250Ft les than 4in ID	LF	129.73
	462-Geo Rock Coring Truck/Mud Bug 0-50 Ft 4in ID & over	LF	62.83
	463-GeoRocCoring Truck/MudBug 0-50 Ft less than 4in ID	LF	51.08
	464-Geo Rock Coring Truck/Mud Bug 50-100 Ft 4in ID over	LF	72.47
	465-GeoRocCoring Truck/MudBug 50-100 Ft les than 4in ID	LF	62
	466-GeoRocCoring Truck/MudBug 100-150 Ft 4in ID & over	LF	90

	SCHEDULE OF RATE VALUES - 2025	BY:	SD
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Group	Line Item Description	UM	Rates
H2R SUBSURFACE EXPLORATIONS & SPECIALTY FIELD SERVICES [401 - 525, 600 - 619]	467-GeoRocCoring Truck/MudBug 100-150 Ft les than 4in ID	LF	80
	468-GeoRocCoring Truck/MudBug 150-200 Ft 4in ID & over	LF	104.02
	469-GeoRocCoring Truck/MudBug 150-200 Ft les than 4in ID	LF	90
	470-GeoRocCoring Truck/MudBug 200-250 Ft 4in ID & over	LF	137
	471-GeoRocCoring Truck/MudBug 200-250 Ft les than 4in ID	LF	85.08
	472-Geo Saximeter Testing	Hour	181.95
	473-Geo SPT Barge/Track/Amphib 0-50 Ft	LF	27.54
	474-Geo SPT Barge/Track/Amphib 50-100 Ft	LF	35.43
	475-Geo SPT Barge/Track/Amphib 100-150 Ft	LF	55.29
	476-Geo SPT Barge/Track/Amphib 150-200 Ft	LF	73.5
	477-Geo SPT Barge/Track/Amphib 200-250 Ft	LF	83
	478-Geo SPT Truck/Mud Bug 0-50 Ft	LF	17.72
	479-Geo SPT Truck/Mud Bug 50-100 Ft	LF	22
	480-Geo SPT Truck/Mud Bug 100-150 Ft	LF	33.82
	481-Geo SPT Truck/Mud Bug 150-200 Ft	LF	40.91
	482-Geo SPT Truck/Mud Bug 200-250 Ft	LF	56.5
	483-Geo Temp Casing 3in Barge/Track/Amphib 0-50 Ft	LF	16.48
	484-Geo Temp Casing 3in Barge/Track/Amphib 50-100 Ft	LF	19.37
	485-Geo Temp Casing 3in Barge/Track/Amphib 100-150 Ft	LF	23.45
	486-Geo Temp Casing 3in Barge/Track/Amphib 150-200 Ft	LF	31
H2R SUBSURFACE EXPLORATIONS & SPECIALTY FIELD SERVICES [401 - 525, 600 - 619]	487-Geo Temp Casing 3in Barge/Track/Amphib 200-250 Ft	LF	37.5
	488-Geo Temp Casing 3in Truck/Mud Bug 0-50 Ft	LF	11.51
	489-Geo Temp Casing 3in Truck/Mud Bug 50-100 Ft	LF	13.48
	490-Geo Temp Casing 3in Truck/Mud Bug 100-150 Ft	LF	16.46
	491-Geo Temp Casing 3in Truck/Mud Bug 150-200 Ft	LF	21.28
	492-Geo Temp Casing 3in Truck/Mud Bug 200-250 Ft	LF	25.5
	493-Geo Temp Casing 4in Barge/Track/Amphib 0-50 Ft	LF	19.21
	494-Geo Temp Casing 4in Barge/Track/Amphib 50-100 Ft	LF	23.02
	495-Geo Temp Casing 4in Barge/Track/Amphib 100-150 Ft	LF	29.38
	496-Geo Temp Casing 4in Barge/Track/Amphib 150-200 Ft	LF	32.5
	497-Geo Temp Casing 4in Barge/Track/Amphib 200-250 Ft	LF	40
	498-Geo Temp Casing 4in Truck/Mud Bug 0-50 Ft	LF	13.15
	499-Geo Temp Casing 4in Truck/Mud Bug 50-100 Ft	LF	15.96
	500-Geo Temp Casing 4in Truck/Mud Bug 100-150 Ft	LF	19.36
	501-Geo Temp Casing 4in Truck/Mud Bug 150-200 Ft	LF	21.6
	502-Geo Temp Casing 4in Truck/Mud Bug 200-250 Ft	LF	25.5
	503-Geo Temp Casing 6in Barge/Track/Amphib 150-200 Ft	LF	46.5
	504-Geo Temp Casing 6in Barge/Track/Amphib 200-250 Ft	LF	59.5
	505-Geo Temp Casing 6in Barge/Track/Amphib 0-50 Ft	LF	25.56
	506-Geo Temp Casing 6in Barge/Track/Amphib 50-100 Ft	LF	28.42
	507-Geo Temp Casing 6in Barge/Track/Amphib 100-150 Ft	LF	37.47

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Group	Line Item Description	UM	Rates
	508-Geo Temp Casing 6in Truck/Mud Bug 0-50 Ft	LF	17.42
	509-Geo Temp Casing 6in Truck/Mud Bug 50-100 Ft	LF	20.4
	510-Geo Temp Casing 6in Truck/Mud Bug 100-150 Ft	LF	24.75
	511-Geo Temp Casing 6in Truck/Mud Bug 150-200 Ft	LF	27.86
	512-Geo Temp Casing 6in Truck/Mud Bug 200-250 Ft	LF	35
	514-Geo Truck/Mud Bug Mobil (30 miles straightline distance)	Each	653.27
	515-Geo Undisturbed Samples Barge/Track/Amphib 0-50 Ft	Each	273.73
	516-Geo Undisturbed Samples Barge/Track/Amphib 50-100Ft	Each	331.11
	517-Geo Undisturbed Samples Brg/Track/Amph 100-150 Ft	Each	386
	518-Geo Undisturbed Samples Brg/Track/Amph 150-200 Ft	Each	440
	519-Geo Undisturbed Samples Truck/Mud Bug 0-50 Ft	Each	191.35
	520-Geo Undisturbed Samples Truck/Mud Bug 50-100 Ft	Each	227.5
	521-Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	270.25
	522-Geo Undisturbed Samples Truck/Mud Bug 150-200 Ft	Each	308.25
	523-Geo Noise Monitoring*	Day	100
	524-Geo Vibration Monitoring*	Day	100
	525-Geo Well Development	Hour	194.65
	527-Goble Pile Check (GPC) Dynamic Load Testing*	Day	500
	600-Mobilization - Crosshole Sonic Logging (CSL) Equipment	Each	420
	601-Mobilization - Tugboat	Each	4000
	602-Mobilization - Vibration Monitoring Equipment	Each	276.71
	603-Mobilization Asphalt Coring Equipment	Each	420
	604-Mob Barge Large w/o Crane (permit required)	Each	16761.91
	605-Mob Barge Small w/o Crane (permit not required)	Each	12179.5
	606-Mobilization Concrete Coring	Each	437.01
	607-Mobilization Cone Penetrometer Test Rig	Each	1402.5
	608-Mobilization Drill Rig Amphibious	Each	11850
	609-Mobilization Drill Rig Barge Mount	Each	12529.77
	610-Mobilization Drill Rig Track Mount	Each	2540.09
	612-Mobilization Drill Rig Truck Mount	Each	850
	613-Mobilization Mini-Shaft Inspection Device	Each	7918
	614-Mobilization Mudbug/All Terrain Vehicle	Each	1488.64
	618-Mobilization Support Boat	Each	720
H2R SOILS TESTING [800 - 839]	619-Mobilization Tri-Pod	Each	1566.47
	800-Soils Chloride Soil or Water FM 5-552	Test	88.12
	801-Soils Consol-Addtl Incrmnts AASHTO T216 (13 to 24 Loads)	Test	150.48
	802-Soils Consol-Addtl Incrmnts AASHTO T216 (up to 12 Loads)	Test	575.07
	803-Soils Consolidation - Constant Strain ASTM D4186	Test	900
	804-Soils Consol-Extend Load Incrmnts AASHTO T216	Day	291.5
	805-Soils Corrosion Series FM 5-550 through 5-553	Test	252
	806-Soils Direct Shear Consolid Drained/ Point FM 3-D3080	Test	472.5

	SCHEDULE OF RATE VALUES - 2025	BY:	SD
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Group	Line Item Description	UM	Rates
	807-Soils Field Vane Shear Test ASTM D2573	Test	464.58
	808-Soils Flexible Wall Permeability ASTM D5084	Test	532.36
	809-Soils Hydrometer Only AASHTO T88	Test	155.4
	810-Soils Limerock Bearing Ratio (LBR) FM 5-515	Test	524.7
	811-Soils Liquid Limit AASHTO T89	Test	70.18
	812-Soils Materials Finer than 200 Sieve FM 1-T011	Test	52.8
	814-Soils Miniature Vane Shear Test ASTM D4648	Test	39
	817-Soils Moisture Content Laboratory AASHTO T265	Test	33.51
	818-Soils Moisture Content Microwave AASHTO D4643	Test	23.34
	819-Soils Organic Content Ignition FM 1 T-267	Test	58.3
	821-Soils Particle Size Anlys AASHTO T88 (Incl. Hydrometer)	Test	199.5
	822-Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	Test	82.5
	823-Soils Permeability Constant Head AASHTO T215	Test	394.33
	824-Soils Permeability Falling Head FM 5-513	Test	367.5
	825-Soils pH Soil or Water FM 5-550	Test	52.8
	826-Soils Plastic Limit & Plasticity Index AASHTO T90	Test	74.26
	827-Soils Proctor Modified FM 1-T180	Test	163.99
	828-Soils Proctor Standard AASHTO T99	Test	158.57
	829-Soils Resistivity Soil or Water FM 5-551	Test	61.61
	831-Soils Specific Gravity AASHTO T100	Test	88
	832-Soils Split Tensile Strgth of Rock Cores ASTM D3967	Test	155.4
	833-Soils Sulfate Soil or Water FM 5-553	Test	73.5
	835-Soils Triaxl Consl-Drain (CD) Per Point\Cell ASTM D7181	Test	639.6
	836-Soils Tri Cnsl-Undrn (CU) Pt\Cell AASHTO T297/ASTM D4767	Test	630
	837-Soil Tri Uncsl-Undrn (UU) Pt\Cell AASHTO T296/ASTM D2850	Test	504
	838-Soils Unconfined Compression - Rock ASTM D7012, Method C	Test	204.6
	839-Soils Unconfined Compress - Soil AASHTO T208/ASTM D2166	Test	239



Photo by Captain Kimo

Request for Qualifications (RFQ)

RFQ # 2025-11

Continuing Geotechnical and Survey Services

May 20, 2025

Submitted by:
Longitude Surveyors, LLC
Eduardo M Suarez, PSM, President
7700 North Kendall Drive, Suite 705
Miami, FL 33156
Ph: 305.463.0912
Email: marketing@longitudefl.com

LONGITUDE SURVEYORS

TAB A

Representations and Certifications

Proposal Forms

SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☑ Form 1: Response Checklist
- ☑ Form 2: Addendum Acknowledgment
- ☑ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - Form 3B: Certificate of Authority (for Individuals)
- ☑ Form 4: Proposer's Statement of Organization
- ☑ Form 5: References
- ☑ Form 6: Affidavits
  - Form 6A: Single Execution Affidavits
  - Form 6B: Independence Affidavit
  - Form 6C: Non-Collusion Affidavit
- ☑ Form 7: Drug Free Workplace
- ☑ Form 8: Certification to Accuracy of Proposal
- ☑ Form 9: Scrutinized Companies
- ☑ Form 10: Public Entity Crimes
- ☑ Form 11: Dispute Disclosure
- ☑ Form 12: List of Proposed Subcontractors
- ☑ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☑ A: Sample Contract
- ☑ B: Certificate of Insurance

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of Longitude Surveyors, LLC a business existing under the laws of the State of Florida, (the "Entity") held on April 29, 2025, the following resolution was duly passed and adopted:

"RESOLVED, that, Eduardo M. Suarez, PSM, as President of the Entity, be and is hereby authorized to execute this Proposal dated May 20, 2025, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this 29 day of April, 2025.

Secretary: Eduardo M. Suarez

Print Name: Eduardo M. Suarez, PSM

President: Eduardo M. Suarez

Print Name: Eduardo M. Suarez, PSM

(Seal)

LONGITUDE SURVEYORS, LLC CORPORATE SEAL 2004 FLORIDA

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   Longitude Surveyors, LLC

2. Principal Business Address, Phone and Email Address:
   Address: 7700 North Kendall Drive, Suite 705, Miami, FL 33156
   Phone: 305.463.0912
   Email Address: marketing@longitudefl.com

3. Principal Contact Person(s):
   Eduardo M. Suarez, PSM - President

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
   Limited Liability Company (LLC)
   A. If a corporation, in what state incorporated: Florida
   B. Date Incorporated: March 12, 2004
   C. Federal ID Number (EIN) 36-4551726
   D. If a joint Venture or Partnership, date of Agreement: _____
   E. Name and address of all partners (state whether general or limited partnership): Eduardo M. Suarez, PSM - President / 7700 N. Kendall Dr., Suite 705, Miami, FL 33156
   F. If other than a corporation or partnership describe, organization and name of principals. _____

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Eduardo M. Suarez, PSM	President

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFQ Agreement. 21

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	Geosol, Inc.	5795-A NW 151 St. Miamj Lakes, FL 33014	Oracio Riccobono, PE / President
B.			
C.			

D. _____

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. Geotechnical
   B. _____
   C. _____
   D. _____

9. County or municipal business tax receipt number (attach copies):
   County: Miami-Dade County
   Municipal: _____

10. What is the last project of this nature you completed?
    General Land and Engineering Surveying and Mapping Services PROJECT NO. E20-WASD-01A AGREEMENT NO. 21 LSLLC001

11. Have you made a site visit? _____ Yes, ☑ No

12. How soon after the award can you begin work? After NTP 24 Hours Days.

13. List any licenses, permits or certifications, etc., you hold for performing this type of work.
    FL Dept. of Agriculture and Consumer Services Surveying License No. LB7335
    Miami-Dade County Technical Certifications for: Surveying and Mapping 15.01 Land Surveying, 15.02 Aerial Photogrammerty
    15.03 Underground Utility Location and 15.04 Hydrographic Surveys

14. How did you hear about the RFQ? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. DemandStar

15. Have you ever failed to complete any work awarded to you?
    Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

16. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

17. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

18. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or

arbitration against any other Florida public entity?
Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

21. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

22. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

23. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

24. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

25. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No ☑ **If yes, attach a separate sheet of explanation.**

26. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** ☑ **If yes, attach a separate sheet of explanation.**

Eduardo M

Signature (Blue ink only)

Eduardo M. Suarez, PSM

Print Name

President

Title

04/29/2025

Date

STATE OF Florida)
COUNTY OF Miami Dade)

The foregoing instrument was acknowledged before me this 29 day of April, 2025

by Eduardo M. Suarez as President

(Name of person acknowledging) *(Title)*

for Longitude Surveyors, LLC.

(Company name)

Personally known to me Y or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

Melissa Diaz

SIGNATURE OF NOTARY PUBLIC

Melissa Diaz Commission NO. HH635378

PRINT, TYPE/STAMP NAME OF NOTARY

MELISSA DIAZ
Notary Public - State of Florida
Commission # HH 635378
My Comm. Expires Feb 2, 2029
Bonded through National Notary Assn.

Longitude Surveyors, LLC Miami-Dade County Business Tax

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

7077225

RECEIPT NO.
RENEWAL
5450259

EXPIRES
SEPTEMBER 30, 2025

Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

BUSINESS NAME/LOCATION
LONGITUDE SURVEYORS LLC
7700 N KENDALL DR STE 705
MIAMI, FL 33156-7591

OWNER
LONGITUDE SURVEYORS LLC
C/O EDUARDO M SUAREZ MGR

Employee(s) 25

SEC. TYPE OF BUSINESS
212 P.A./CORP/PARTNERSHIP/FIRM

LB7335

PAYMENT RECEIVED BY TAX COLLECTOR
187.50 08/14/2024
INT-24-463267

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

MIAMI-DADE COUNTY

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

5282587

RECEIPT NO.
RENEWAL
5450267

EXPIRES
SEPTEMBER 30, 2025

Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

BUSINESS NAME/LOCATION
SUAREZ EDUARDO MIGUEL LS
7700 N KENDALL DR STE 705
MIAMI, FL 33156-7591

OWNER
SUAREZ EDUARDO MIGUEL LS
C/O LONGITUDE SURVEYORS LLC

SEC. TYPE OF BUSINESS
212 PROFESSIONAL

LS6313

PAYMENT RECEIVED BY TAX COLLECTOR
100.00 08/14/2024
INT-24-463260

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

MIAMI-DADE COUNTY

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company: City of Miami Beach

Reference Contact Name: Matthew LePera

Contact Title: Construction Manager

Contact Telephone: 786-514-7009

Contact Email: MatthewLePera@miamibeachfl.gov

Contract Start Date: 9/2019 (2) one year renewals
New Contract Awarded: 1/2025

Contract End Date: 9/2024
New Contract Completion Date: 1/2028

REFERENCE #2

Name of Company: Miami-Dade County Water and Sewer Department

Reference Contact Name: Carlos E. Escalante, PE, PSM, ENV SP

Contact Title: Sr. Land Surveyor

Contact Telephone: 786-354-1249

Contact Email: carlos.escalante@miamidade.gov

Contract Start Date: 2/2022
New Contract Awarded: 3/2025

Contract End Date: 12/2024
New Contract Completion Date: 3/2030

REFERENCE #3

Name of Company: Florida Department of Transportation District 6

Reference Contact Name: Keith McIntosh

Contact Title: Construction Project Manager

Contact Telephone: 305.640.7438

Contact Email: keith.mcintosh@dot.state.fl.us

Contract Start Date: 5/2019

Contract End Date: 5/2024

REFERENCE #4

Name of Company: Florida Department of Transportation District 6

Reference Contact Name: Zurelys Cura Perez de Alejo, PSM

Contact Title: District Location Surveyor

Contact Telephone: 305.640.7471

Contact Email: zurelys.perezdealejo@dot.state.fl.us

Contract Start Date: 6/2021 **Contract End Date:** 6/2026

REFERENCE #5

Name of Company: City of Coral Gables

Reference Contact Name: Jose Luis Oliveros

Contact Title: Assistant Director of Public Works

Contact Telephone: 305.569.1859

Contact Email: joliveros@coralgables.com

Contract Start Date: 9/2022 - (1) year renewal **Contract End Date:** 9/2024

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Eduardo M. Suarez, PSM

For (Name of Proposing or Bidding Entity): Longitude Surveyors, LLC

Whose business address is: 7700 N. Kendall Drive, Suite 705, Miami, FL 33156

And (if applicable) its Federal Employer Identification Number (FEIN) is: 36-4551726

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#:_____)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

EMS

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

☑ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

_____
Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

_____
Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

CMS

Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFQ # 2025-11 CONTINNUING GEOTECHNICAL AND SURVEY SERVICES** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

CMS

Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

CMS

Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

V. Rodriguez

Witness #1 Print Name: Xiomara Rodriguez

Witness #2 Print Name: Jose Jarquin

Signed, sealed and delivered by:

Eduardo M

Print Name: Eduardo M. Suarez, PSM

Title: President

ACKNOWLEDGMENT

State of Florida

County of Miami Dade

On this 29 day of April, 2025, before me the undersigned, personally appeared Eduardo M. Suarez, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

Melissa Diaz Commission No. HH635378

Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or

_____ Produced identification (Type of Identification:_____)

_____ Did take an oath; or

_____ Did not take an oath

MELISSA DIAZ
Notary Public - State of Florida
Commission # HH 635378
My Comm. Expires Feb 2, 2029
Bonded through National Notary Assn.

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am Eduardo M. Suarez, PSM of Longitude Surveyors, LLC, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

Continuing Geotechnical and Survey Services RFQ # 2025-11

Eduardo M. Suarez

Signature (Blue ink only)

Eduardo M. Suarez, PSM

Print Name

President

Title

04/29/2025

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 29 day of April, 2025

by Eduardo M. Suarez as President

(Name of person acknowledging) *(Title)*

for Longitude Surveyors, LLC.

(Company name)

Personally known to me Y or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

Melissa Diaz

SIGNATURE OF NOTARY PUBLIC

MELISSA DIAZ
Notary Public - State of Florida
Commission # HH 635378
My Comm. Expires Feb 2, 2029
Bonded through National Notary Assn.

Melissa Diaz Commission NO. HH635378

PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Eduardo M. Suarez, PSM of Longitude Surveyors, LLC, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFQ is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Continuing Geotechnical and Survey Services RFQ # 2025-11

Eduardo M. Suarez

Signature (Blue ink only)

Eduardo M. Suarez, PSM

Print Name

President

Title

04/29/2025

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 29 day of April, 2025

by Eduardo M. Suarez as President

(Name of person acknowledging) *(Title)*

for Longitude Surveyors, LLC.

(Company name)

Personally known to me Y or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

Melissa Diaz

SIGNATURE OF NOTARY PUBLIC

Melissa Diaz Commission NO. HH635378

PRINT, TYPE/STAMP NAME OF NOTARY

MELISSA DIAZ
Notary Public - State of Florida
Commission # HH 635378
My Comm. Expires Feb 2, 2029
Bonded through National Notary Assn.

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that Longitude Surveyors, LLC does:

(Name of proposer) Longitude Surveyors, LLC

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFQ document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFQ or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Continuing Geotechnical and Survey Services RFQ # 2025-11

Eduardo M

Signature (Blue ink only)

Eduardo M. Suarez, PSM

Print Name

President

Title

04/29/2025

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 29 day of April, 2025

by Eduardo M. Suarez as President

(Name of person acknowledging) *(Title)*

for Longitude Surveyors, LLC.

(Company name)

Personally known to me Y or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

Melissa Diaz
SIGNATURE OF NOTARY PUBLIC

MELISSA DIAZ
Notary Public - State of Florida
Commission # HH 635378
My Comm. Expires Feb 2, 2029
Bonded through National Notary Assn.

Melissa Diaz Commission NO. HH635378
PRINT, TYPE/STAMP NAME OF NOTARY

55

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFQ and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the RFQ and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Eduardo M. Suarez, PSM of Longitude Surveyors, LLC, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF Florida)
COUNTY OF Miami Dade)

The foregoing instrument was acknowledged before me this 29 day of April, 2025

by Eduardo M. Suarez as President
(Name of person acknowledging) *(Title)*

for Longitude Surveyors, LLC.
(Company name)

Personally known to me Y or has produced Identification _____, type of identification produced _____.

(NOTARY SEAL HERE)

Melissa Diaz
SIGNATURE OF NOTARY PUBLIC

Melissa Diaz commission No. HH635378
PRINT, TYPE/STAMP NAME OF NOTARY

MELISSA DIAZ
Notary Public - State of Florida
Commission # HH 635378
My Comm. Expires Feb 2, 2029
Bonded through National Notary Assn.

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Eduardo M. Suarez

Signature (Blue ink only)

Eduardo M. Suarez, PSM

Print Name

President

Title

04/29/2025

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 29 day of April, 2025 by Eduardo M. Suarez as President
(Name of person acknowledging) *(Title)*
for Longitude Surveyors, LLC.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

Melissa Diaz

SIGNATURE OF NOTARY PUBLIC

MELISSA DIAZ
Notary Public - State of Florida
Commission # HH 635378
My Comm. Expires Feb 2, 2029
Bonded through National Notary Assn.

Melissa Diaz Commission No. HH635378

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. RFQ #2025-11

2. This sworn statement is submitted by: Longitude Surveyors, LLC
(name of entity submitting sworn statement)

whose business address is: 7700 N. Kendall Drive, Suite 705
Miami, FL 33156

Federal Identification Number (FEIN) is: 36-4551726
(if applicable)

Social Security Number: _____

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: Eduardo M. Suarez, PSM
(print name of individual signing this document)

and my relationship to the entity is: President

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:

(a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or

(b) An entity under the control of any natural person who is active in the

management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, share holders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. ☑ Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

      1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

      3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of

Continuing Geotechnical and Survey Services RFQ # 2025-11

General Services)

Eduardo M

Signature

04/29/2025
04/29/2025

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 29 day of April, 2025

by Eduardo M. Suarez as President

(Name of person acknowledging) *(Title)*

for Longitude Surveyors, LLC.

(Company name)

Personally known to me ✓ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

MELISSA DIAZ
Notary Public - State of Florida
Commission # HH 635378
My Comm. Expires Feb 2, 2029
Bonded through National Notary Assn.

Melissa Diaz

SIGNATURE OF NOTARY PUBLIC

Melissa Diaz Commission NO. #HH635378

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO ___☑___

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO ___☑___

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO ___☑___

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: Longitude Surveyors, LLC

Authorized Signature: Eduardo M Suarez

Print or Type Name: Eduardo M. Suarez, PSM

Title: President

Date: 04/29/2025

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO ___☑___

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO ___☑___

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO ___☑___

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: Longitude Surveyors, LLC

Authorized Signature: Eduardo M Suarez

Print or Type Name: Eduardo M. Suarez, PSM

Title: President

Date: 04/29/2025

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
1	Geosol, Inc.	Geotechnical	8530
	5795-A NW 151 St., Miami Lakes, FL 33014		

Firm: Longitude Surveyors, Inc.

Authorized Signature: Eduardo M Suarez

Print or Type Name: Eduardo M. Suarez, PSM

Title: President

Date: 04/29/2025

FORM 13A – N/A

FORM 13B – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

PROPOSER'S REPRESENTATION

CONTINNUING GEOTECHNICAL AND SURVEY SERVICES

Proposal of Longitude Surveyors, LLC

(Name)

7700 North Kendall Drive, Suite 705, Miami, FL 33156

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

CONTINNUING GEOTECHNICAL AND SURVEY SERVICES

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.
The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No. Not Applicable

Bidder's Occupational License No. Miami-Dade County Business Tax No. 5450259

WITNESS: _____

_____

By: _____
Signature of Authorized Agent

[SEAL]

Statement of Financial Stability

Longitude Surveyors, LLC has demonstrated consistent financial stability and resilience since its establishment in 2004. With over two decades of continuous operation, the firm has maintained a strong and sustainable business model, allowing us to weather economic fluctuations while continuing to grow and invest in new technologies and talent. Our long-standing presence in the South Florida surveying and mapping industry reflects sound financial management, a diversified client base, and a reputation for delivering dependable, high-quality services.

This financial strength has enabled Longitude to support a wide range of public and private sector projects without interruption. We have the resources and infrastructure to take on complex, large-scale contracts while remaining agile and responsive to client needs. Our ongoing success and fiscal responsibility position us as a reliable partner for long-term engagements and high-value surveying solutions.



Photo by Captain Kimo

TAB B

Executive Summary

1. Title Page

Village of Key Biscayne

Request for Qualifications (RFQ) RFQ # 2025-11
Continuing Geotechnical and Survey Services
May 20, 2025

Longitude Surveyors, LLC
Eduardo M Suarez, PSM, President
7700 North Kendall Drive, Suite 705
Miami, FL 33156
Ph: 305.463.0912
Email: marketing@longitudefl.com



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2. Service Team and Resumes
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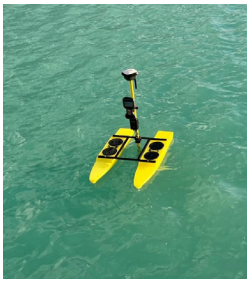
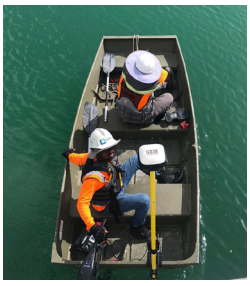
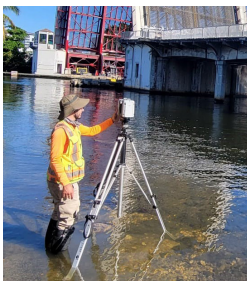
LONGITUDE SURVEYORS

3. 4. & 5. Executive Summary





The **Village of Key Biscayne** is a unique and vibrant coastal community located just off the coast of Miami, known for its scenic beauty, well-planned neighborhoods, and commitment to maintaining a high quality of life for its residents. As a municipality that balances environmental preservation with thoughtful development, the Village requires precise and dependable surveying services to support infrastructure improvements, public works projects, and community planning initiatives.

While we have not yet had the opportunity to work directly with the Village of Key Biscayne, our extensive experience collaborating as a sub-consultant on various projects within the Village has provided us with a strong understanding of its unique needs, challenges, and goals. With a deep familiarity of its neighborhoods, zoning regulations, and local nuances, we are fully prepared to offer comprehensive surveying services tailored to the specific requirements of the Village.

Longitude Surveyors (Longitude) understands the scope and objectives of the work outlined in the Request for Qualifications (RFQ) and is fully committed to delivering exceptional results. Our firm recognizes the importance of accuracy, timeliness, and professionalism in carrying out the necessary tasks and is prepared to mobilize our resources accordingly.

Longitude believes we are uniquely qualified to provide the comprehensive surveying services identified in the Village of Key Biscayne's scope of work, based on our deep experience, technical expertise, and proven track record serving municipal clients throughout South Florida since 2004. Our firm offers a full range of surveying and geospatial services—including boundary and property surveys, topographic and hydrographic surveys, right-of-way and easement mapping, and GIS/digital mapping integration—all supported by licensed professional surveyors and a skilled technical team well-versed in local, state, and federal standards. We have successfully completed similar assignments for numerous public works departments, transportation agencies, and coastal communities, bringing a high level of accuracy, responsiveness, and professionalism to every project. Our familiarity with South Florida's unique coastal environment, regulatory framework, and infrastructure challenges enables us to deliver precise data, certified survey maps, and digital deliverables that directly support the Village's planning, development, and compliance needs. Our in-house resources, advanced surveying equipment, and commitment to timely, coordinated execution ensure that we can meet the Village's schedule requirements while maintaining the highest standards of quality and reliability.

Below, you will find a detailed presentation of our qualifications and experience, which demonstrates our readiness to start working on day one and our commitment to act as a seamless extension of your staff.

OUR TEAM

Longitude's rapid-response team comprises of highly qualified and experienced professionals who are dedicated to meeting the Village of Key Biscayne's surveying needs. Our team members possess the necessary certifications and experience to handle a wide range of projects, both planned and unplanned.

OUR APPROACH

Our approach is centered around a proactive attitude and a strong commitment to supporting our clients through continuing service contracts. We understand the

importance of flexibility and responsiveness in addressing the diverse challenges that arise in municipal projects. This is why we prioritize maintaining a can-do attitude and a clear focus on our mission.

OUR CAPABILITIES

Immediate Readiness: Our team is prepared to begin work immediately, ensuring that there are no delays in project initiation or execution.
Professional Expertise: Each member of our team brings specialized knowledge and a wealth of experience, enabling us to provide high-quality surveying services.
Client-Centric Service: We pride ourselves on being an extension of your staff, fully integrating with your team to deliver seamless service.
Proactive Engagement: Our ability to engage in both planned and unplanned projects ensures that we can meet your needs as they arise, providing consistent support throughout the duration of the contract.

Since our inception in 2004, Longitude has consistently developed innovative solutions, providing 21 years of superior surveying and mapping services and overseeing all types of projects throughout South Florida. We have significant experience with continuing professional services agreements for numerous municipalities, counties, and agencies across South Florida, including:

- City of Miami Beach (Awarded a second new contract in 2024)
- City of Coral Gables
- City of Homestead
- City of Miami Gardens
- Miami-Dade County Water and Sewer (Awarded a second new contract in 2025)
- Miami-Dade County Department of Transportation
- Florida Department of Transportation (FDOT) District 6. (Two Contracts Misc. and Construction Surveying)
- City of Dania Beach
- City of Oakland Park
- Town of Southwest Ranches

Our project performance with these agencies, and many other local clients, continually leads to multiple repeat selections for continuing services and other contracts. We believe that Longitude is uniquely qualified to perform the work due to our extensive experience in the field, skilled professionals, and proven track record of delivering high-quality surveying services on time and within budget. Our team's expertise, combined with our commitment to utilizing the latest technology and industry best practices, positions us to execute this contract efficiently and to the highest standards. Longitude's Core Ideology is to provide world class service and stewardship, to always provide our clients with unsurpassed support through a hyper-focused understanding of their expectations, project needs, requirements, deliverables, and budgets.



Longitude will partner with Geosol, Inc. as a sub-consultant to provide geotechnical engineering services in support of this contract. Geosol, Inc. is a well-established geotechnical and environmental engineering firm serving the South Florida region since 2000. Geosol provides a comprehensive suite of services including geotechnical engineering, subsurface exploration, construction materials testing, and environmental assessments. The firm has played a critical role in numerous municipal and infrastructure projects, offering expertise in soil analysis, groundwater remediation, and site evaluation. Led by President and Senior Geotechnical Engineer Oracio Riccobono, P.E., who brings over two decades of professional experience, Geosol is supported by a highly skilled team of engineers, field technicians, CAD professionals, and administrative staff. As a minority-owned business, Geosol reflects the diversity of the communities it serves and is committed to delivering accurate, timely, and cost-effective engineering solutions. With a proven track record of excellence and reliability, Geosol is a trusted partner for agencies and municipalities seeking high-quality geotechnical and environmental services.

TAB C

Qualifications and Experience

1. Qualifications

a. Qualification of Firm

When we look over our history, the thousands of projects we've worked on and the ongoing excitement for new opportunities on the horizon, we are proud of our accomplishments.

With over 21 years of experience in the surveying and mapping industry, Longitude Surveyors has built a reputation for delivering precise, reliable, and timely surveying services. Our extensive expertise spans a wide range of projects, including residential, commercial, industrial, and infrastructure developments. Throughout the years, we've consistently demonstrated our ability to adapt to the evolving needs of the industry, utilizing advanced technology and innovative techniques to ensure the highest standards of accuracy. Our surveying professionals bring a wealth of knowledge and a commitment to excellence, making us a trusted partner for all your surveying needs, whether it's for city planning, property management, development, or large-scale infrastructure projects.

As a client-driven company, we build our reputation by prioritizing client needs and consistently providing high-quality, on-time, and professional deliverables. We serve municipalities, governmental agencies, and private industries across Southeast Florida and the Caribbean, and are certified as an SBE, DBE, MBE, CBE and AC-DBE with various local, state, and Federal government agencies, including Miami-Dade County, Broward County, Greater Miami Expressway Agency (GMX) and Florida Department of Transportation (FDOT).

We utilize state-of-the-art equipment, technological advances have given sophistication and promptness to our profession however, the roots of surveying stay unchanged. Longitude's office and field procedures remain true to basic surveying principles as we, every day, master the integration of conventional methods with most advanced geospatial data collection and mapping tools.

Longitude has three offices in Florida, offering a wide range of professional surveying and geospatial services. With a diverse and experienced team, we are able to assemble the right mix of talent to support projects of any complexity. Our dedicated professionals work collaboratively to ensure that the appropriate resources are aligned with each project's specific needs, delivering accurate, efficient, and high-quality results.

OFFICE LOCATIONS

Miami-Dade County
7700 N. Kendall Drive, Suite 705
Miami, FL 33156

Broward County
800 West Cypress Creek Road, Suite 340
Ft. Lauderdale, FL 33309

Monroe County
Ocean Reef
1 Barracuda Lane, 2nd Floor
Key Largo, FL 33307

Our philosophy has always been to provide our clients with unsurpassed surveying services through a thorough understanding of our client's expectations, project needs, deliverable requirements, budgets and the Owner's project requirements. We strive to offer our services in a manner to instill trust and to allow our clients to be more efficient and profitable. This is a big thing from the core of our beliefs. We strongly believe that every client will foster a long term relationship with our firm due to the quality of services and deliverables we provide.

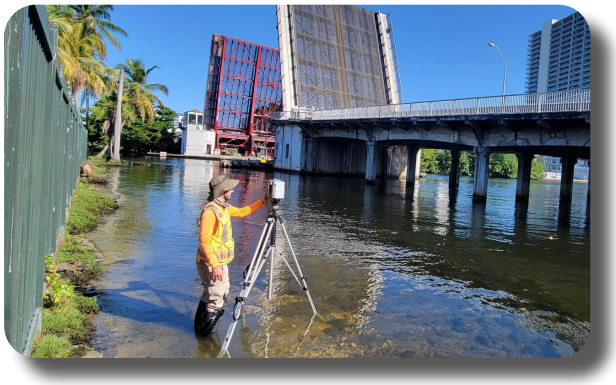
By selecting Longitude Surveyors for this contract, you will benefit from a local team equipped with the knowledge and expertise necessary to deliver successful projects. Our professionals are known for their exceptional skills, whether in the field or the office. Across all levels of our organization, we share a commitment to collaboration, outstanding service, innovation, and safety. Built on a foundation of ethics and integrity, our staff leads by example, fostering a culture of mutual respect, which is how we continually earn the trust and respect of our clients.

Below is a list of professional surveying and geospatial services provided by Longitude Surveyors.

- 3D Models
- 3D Scanning
- Alta Surveys
- As-Built Surveys
- Boundary Surveys
- City Platting Permitting
- Construction Engineering Inspection (CEI) Surveys
- Construction Layout
- DEP Surveys
- Drone Data Capture and Photogrammetry Technology
- DTM
- Elevation Certificates
- Engineering Surveys
- Environmental Planning
- FAA Surveys
- GIS Satellite Imagery
- Lake, Canals, Coast Shore and Riverian Bathymetry Surveys
- Land Surveys
- Lidar
- Mapping
- Mean High Water Line (MHWL) Surveys
- Monument Placement
- Platting
- Right-of-Way and Easement Surveys
- Sketch and Legal Description
- Structure Settlement Monitoring
- SUE (Sub-Surface Utility Engineering), Marking Underground Utilities, Soft Digs
- Topographic Surveys







COMPANY HISTORY

Founded and led by Eduardo “Eddie” Suarez, Longitude Surveyors emerged from Eddie’s extensive early career experience with the Florida Department of Transportation (FDOT) District 6 and the Miami-Dade County Department of Solid Waste Management (DSWM). Since opening his practice in 2004, Eddie has leveraged his deep industry knowledge to drive the firm’s success.



“As the Principal of Longitude Surveyors, I can confidently say that we are a trusted leader in the surveying industry. We are dedicated to delivering unmatched accuracy, innovative solutions, and exceptional service on every project we take on, ensuring the highest quality results for our clients.”

b. Qualification of Staff

Longitude Surveyors brings a highly experienced and dedicated team to every project. Our staff includes licensed professionals, certified technicians, and field personnel with extensive expertise in surveying, mapping, and subsurface utility engineering. Many of our team members have been with the company for over a decade, reflecting our strong culture of consistency, reliability, and institutional knowledge. This longevity allows us to maintain high standards, ensure project continuity, and deliver accurate, dependable results across a wide range of survey assignments.

Our team is composed of highly skilled and experienced professionals with expertise across a broad range of surveying services. This team includes:

Licensed Professional Surveyors and Mappers (PSMs) – Responsible for project oversight, boundary determination, and ensuring compliance with regulatory standards.

Survey Project Managers – Coordinate project timelines, client communication, and quality control throughout all phases of the survey.

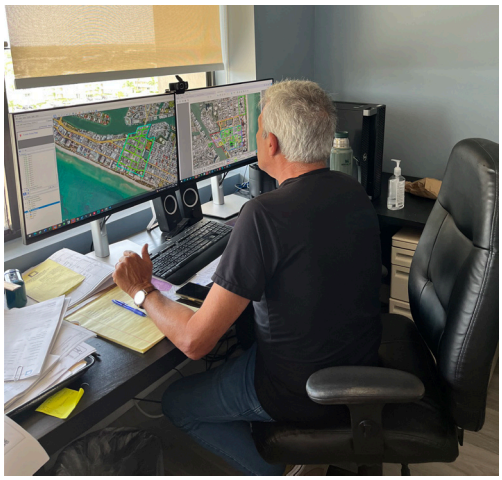
Senior Survey Technicians – Provide technical support in drafting, data processing, and quality assurance for both field and office operations.

Field Survey Crews – Equipped with advanced instruments and GPS technology, they perform field data collection, staking, and utility designation.

Subsurface Utility Engineering (SUE) Specialists – Experienced technicians who perform utility locating and soft-digging services in compliance with ASCE standards.

CAD Technicians – Produce detailed, accurate survey drawings and models using the latest Civil 3D and CAD platforms.

Following this page are the key staff members from Longitude Surveyors who will be assigned to the Village of Key Biscayne contract.









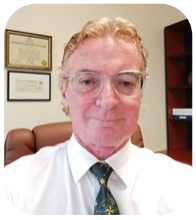
Eduardo M. Suarez, PSM, Project Manager / Principal
With 21 years of industry expertise, Eduardo will provide overall strategic direction, ensuring that all surveying practices adhere to the highest standards of quality and accuracy. He will be directly involved in critical decision-making and ensuring the smooth execution of each project.



John H. Adler, III, PSM, Sr. Surveyor / Subsurface Utility Engineering (SUE) Specialist
John is a highly skilled Senior Surveyor with a specialized focus on Subsurface Utility Engineering (SUE) techniques, offering 44 years of expertise in the field. As a dedicated professional, he has demonstrated a proven track record in leading surveying projects, specializing in the accurate identification, mapping, and assessment of subsurface utilities.



Darryl Hauser, PSM, QA/QC Manager
Darryl is a results-driven Surveying QA/QC Manager with 36 years of experience in ensuring the highest standards of quality and accuracy in surveying projects. With a keen eye for detail and a passion for precision, he oversees the entire quality assurance and quality control process, ensuring that all surveying activities are conducted with utmost precision.



Brian T. Bellino, PSM, Senior Surveyor
Brian is an accomplished Surveyor and Mapper with an illustrious career spanning 44 years in the surveying discipline. With experience in both the private and public sectors, he has consistently demonstrated exceptional expertise in leading and managing surveying projects of all scales, ensuring precision and accuracy at every stage.



Greg Bouie, PSM, Project Surveyor
His 19 years of extensive experience in the surveying industry, brings Greg a wealth of expertise in managing complex surveying projects from start to finish. As the City of Hallandale Beach project manager, Greg is responsible for the overall coordination of all surveying operations, ensuring that projects are delivered on time, within budget, and in compliance with the City's standards and objectives.



Giancarlo Sorana, Operations Manager
Giancarlo is Longitude's Operations Manager with extensive experience in overseeing the day-to-day operations. With a strong background in project management, team leadership, and operational efficiency, Giancarlo is responsible for ensuring seamless coordination across all surveying projects, optimizing workflows, and maintaining high standards of quality and service delivery.



Telva Morejon, CST, SIT, Sr. Survey Technician / Right-of-Way Specialist
With a wealth of experience in the field of Surveying for 37 years Telva brings a comprehensive understanding of surveying principles, methodologies, and cutting-edge technologies. Telva is a Surveying Right-of-Way Specialist with a proven track record in facilitating seamless land acquisition processes for a wide array of projects. Telva has also served as Project Manager Surveyor on multiple Florida Department of Transportation (FDOT) contracts.



Carlos Cuneo, Sr. Survey Technician
Carlos is an experienced Senior Surveying Technician with 42 years in the field of surveying. Proven expertise in conducting surveys for construction, engineering, and land development projects. Skilled in utilizing advanced surveying equipment and software to gather and interpret data with high precision.



Jesse Ramon, Sr. Survey Technician
With 13 years of experience in the surveying industry, Jesse has successfully managed land surveying projects from inception to completion. He has a proven track record of delivering high-quality surveying services across a wide range of projects, including transportation, infrastructure, commercial, and residential developments.



Roni Eniste, Senior Survey Technician
Roni is a skilled Survey Technician with 10 years of hands-on experience in the surveying field. He has played a key role in the successful completion of numerous surveying projects at Longitude Surveyors. Roni's comprehensive knowledge of surveying techniques allows him to efficiently collect, analyze, and interpret data, providing critical support to project objectives and ensuring accurate, reliable results.



Joseph D. Edwards, EIT, SIT, Survey Technician
With 10 years of experience Joseph is a skilled Survey Technician he has experience working across various stages of infrastructure projects. His expertise includes preparing existing boundary, topographic, and ALTA surveys, as well as analyzing and designing subdivision plats from preliminary to final stages. Joseph plays a key role in the preparation of essential documentation such as FEMA elevation certificates, and final as-built surveys.



Yoan Bulit, Subsurface Utility Engineering (SUE) Senior Technician
Yoan is a highly experienced Subsurface Utility Engineering (SUE) Technician with 25 years of expertise in underground utility investigation, mapping, and data collection. Throughout his career, Yoan has developed a deep proficiency in utility designation and verification using industry-standard technologies such as Ground Penetrating Radar (GPR), electromagnetic locators, and vacuum excavation (Soft Dig) methods.



Leonel Pacheco, Subsurface Utility Engineering (SUE) Technician
Leonel has focused his expertise in Subsurface Utility Engineering (SUE), working as a SUE Technician specializing in vacuum excavation (Soft Dig) to accurately locate underground utilities. His role involves coordinating with utility providers, reading and interpreting utility maps, and operating electromagnetic and ground-penetrating radar equipment to perform utility designation and verification.



Jose Monzon, Senior Surveying Survey/GIS/SUE Analyst - Senior CAD Technician
Jose is a versatile Survey, GIS, and Subsurface Utility Engineering (SUE) Analyst with 15 years of experience supporting a wide range of surveying and infrastructure projects. He brings a unique blend of field knowledge and technical expertise in computer-aided design (CADD), making him a key asset in translating complex field data into accurate, high-quality deliverables.



Saily Fernandez, Senior Surveying Survey/GIS/SUE Analyst - Senior CAD Technician
Saily is a Survey, GIS, and Subsurface Utility Engineering (SUE) Analyst with 8 years of experience. She combines field knowledge with strong CADD skills to produce accurate survey maps, utility models, and project deliverables. Proficient in AutoCAD Civil 3D and GIS, Saily ensures high-quality results through precise data integration and a detail-oriented approach.



Laura Torres, Surveying Survey/GIS/SUE Analyst - CAD Technician
Laura is a Survey, GIS, and Subsurface Utility Engineering (SUE) Analyst with one year of experience. She brings hands-on field expertise together with solid skills in CADD to develop precise survey maps, utility layouts, and project documentation. With a strong command of AutoCAD and GIS, Laura delivers dependable results by integrating data accurately and maintaining a sharp attention to detail.



Manuel Lorenzo, Field Operations Coordinator / UAS Drone Pilot
Manuel is Longitude's Field Operations Coordinator with 10 years of experience overseeing and managing fieldwork for surveying projects. He collaborates closely with project managers to ensure that field operations align with project objectives and deadlines. Additionally, he is a licensed UAS Drone Pilot, bringing advanced aerial data collection capabilities to his work.

c. Industry Knowledge and Expertise



At Longitude Surveyors, we bring over two decades of specialized industry knowledge to support municipalities like the Village of Key Biscayne with high-quality geotechnical and survey services. Since our establishment in 2004, we have delivered comprehensive Surveying and Mapping solutions throughout South Florida, earning a reputation for accuracy, reliability, and deep technical understanding. Our experienced team includes licensed surveyors and skilled technicians who are well-versed in control, topographic, right-of-way, and design surveys essential for effective municipal infrastructure planning and development.

We pair this expertise with a commitment to innovation, integrating advanced geospatial technologies such as LiDAR, 3D laser scanning, and GPS-guided data collection to enhance the precision and efficiency of our services. Our Subsurface Utility Engineering (SUE) capabilities, including utility designation and soft dig locating, ensure thorough and non-destructive subsurface investigations critical for geotechnical coordination. These services are performed with an awareness of local site conditions, environmental sensitivities, and regulatory requirements specific to coastal communities like Key Biscayne.

As a certified SBE, CBE, DBE, MBE, and AC-DBE firm, Longitude Surveyors is proud to support public sector clients with a dependable team that understands the unique needs of local governments. Our longstanding experience with continuing services contracts means we are prepared to respond quickly, work collaboratively with engineers and stakeholders, and consistently deliver results that exceed expectations. For the Village of Key Biscayne, our deep industry knowledge ensures that every survey and geotechnical effort is executed with precision, professionalism, and care.

In summary, at Longitude Surveyors, we're proud to offer the Village of Key Biscayne high-quality surveying services that not only meet your needs but also support your ongoing planning and development goals. We understand the unique challenges that coastal communities like the Village face and are committed to providing efficient, cost-effective solutions tailored specifically to your projects. Our team is dedicated to delivering reliable and precise data you can trust whether for new initiatives or enhancements to existing infrastructure.

We take a proactive approach to problem-solving and continually seek innovative ways to improve processes and outcomes. With extensive experience in public sector projects and a deep understanding of regulatory requirements, we ensure that our services align with the Village's priorities for safety, sustainability, and resilience.

As partners in your success, we are here to support the Village's vision by providing the precise data and technical expertise needed to bring each project to completion with the highest standards of quality, professionalism, and reliability.

d. Past Performance

Longitude Surveyors has successfully completed numerous continuing services contracts for public agencies throughout South Florida, including Miami-Dade County, the City of Coral Gables, City of Miami Beach, and the Florida Department of Transportation (FDOT). Our past performance includes a strong portfolio of municipal infrastructure projects, utility improvement programs, roadway reconstructions, and coastal resiliency initiatives. We consistently receive commendations for our responsiveness, attention to detail, and ability to adapt to changing site conditions while maintaining quality and schedule integrity.

At Longitude, we believe in working hand-in-hand with Village staff, engineers, and project partners to help make every initiative a success. We're more than just a service provider we pride ourselves on being responsive, adaptable, and easy to work with as the Village's needs grow and change. Our team is here to support the Village of Key Biscayne with reliable, high-quality surveying services delivered on time.

What truly sets us apart is our unwavering dedication to transparency and communication. We believe that clear, open dialogue with our clients throughout the process leads to better outcomes. From the initial consultation to the final report, we ensure that every client is informed and confident in the work we do. Our team's combination of expertise, technology, and personalized attention means that we don't just meet industry standards we aim to exceed them, offering results that are not only precise but also aligned with the specific goals of each project.

Following this page, you will find our detailed Project Profiles highlighting past performance on contracts similar to the Village of Key Biscayne's request. These examples showcase our experience and capabilities in meeting the specific requirements outlined in the RFQ. Each profile demonstrates our ability to successfully deliver projects that align with the scope and objectives you've identified, reflecting our commitment to high-quality, reliable results.









Rickenbacker Causeway - Comfort Station No.2

Key Biscayne, FL

LONGITUDE SURVEYORS

Scope of Services:

Longitude Surveyors provided comprehensive Surveying and Mapping services for the Rickenbacker Causeway Comfort Station No. 2 Project, including the preparation of a detailed Topographic Survey. As part of the scope, the team conducted a right-of-way analysis within the survey limits, which was clearly depicted in graphical form. A graphical baseline was established, and all above-ground features such as buildings, roadways, pavements, trees, palms, curbs, signage, poles, guardrails, sidewalks, medians, and utility covers were accurately located.

Elevation data was collected on a 25-foot grid across the survey area to support the development of a precise Digital Terrain Model (DTM). In addition, the team gathered detailed information on existing drainage and sanitary systems, including rim elevations, pipe sizes, materials, flow directions, and invert elevations.
To ensure survey accuracy, Longitude established at least two Temporary Benchmarks (TBMs) within the limits of the survey by executing a closed-level bench loop from two known and certified benchmarks.

Client and Contact Information:
BND Engineers
Kevin Keane, PE
Project Manager
786.236.3503
KKeane@bndengineers.com

Cost of Services:
$12,000.00

Term of Engagement:
5/2022 - 8/2022

Role:
Subconsultant





Central District Wastewater Treatment Plant

Key Biscayne, FL

Scope of Services:

Longitude provided surveying work for the Thickening and Dewatering Building at the Central District WWTP.

The project involved locating and identifying all improvements, including but not limited to asphalt pavement, pavement markings, buildings, concrete slabs, sidewalks, hydrants, valve boxes, water/electrical meter boxes, electrical pull boxes, telephone/cable risers, fences, guy wires, utility poles, overhead electrical lines, culverts, guardrails, pavement limits, landscaping, trees with a diameter of three inches or greater, traffic signage, other signage, pavement striping, and any other visible improvements within the project limits, along with any relevant utility records.

Surveying also included locating and/or providing permanent construction controls on-site in state plane coordinates, as well as vertical control based on the National Geodetic Vertical Datum of 1929 (NGVD29).

In addition, platted rights-of-way monumentation and/or re-establishment were performed to define rights-of-way lines throughout the project limits. This process required field recovery of centerline control and property corners along each listed street. ADTM (Adjusted Terrain Model) was applied to areas equivalent to a 20-foot grid, including elevations at the centerline, edge of pavement, top of curb, back of sidewalk, low and high points, lane lines, and drainage ditches (when applicable).

Client and Contact Information:
Poole & Kent Company
David Blanchard
Senior Project Manager
941.916.7265
dblanchard@pkflorida.com

Cost of Services:
$74,857.96

Term of Engagement:
2/2021 - 12/2024

Role:
Subconsultant







Pump Station 0137 located at just North of the Intersection of W. Mashta Drive and N. Mashta Drive

Key Biscayne, FL

Scope of Services:

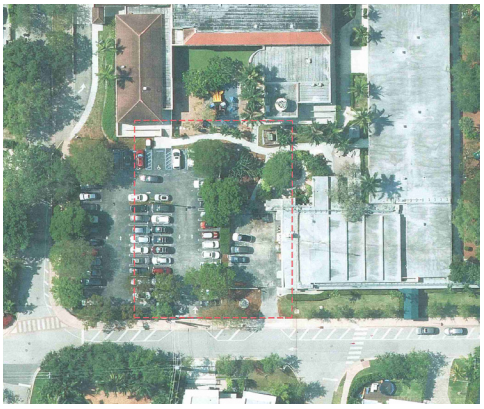
Longitude Surveyors provided 3D Laser Scanning services for Pump Station 0137, located just north of the intersection of W Mashta Drive and N Mashta Drive in Key Biscayne, Florida. As part of the project scope, all pump station structures were scanned to generate detailed CAD models reflecting the existing conditions. In addition to the scanning work, Longitude conducted and prepared a comprehensive Topographic Survey of the site. The team also completed two soft digs to accurately locate vertical valve housings (VVHs) associated with AT&T utilities.

Client and Contact Information:
CHA Solutions
Arnelio Alfonso, PE
Project Team Leader
786.252.3373
aalfonso@chasolutions.com

Cost of Services:
$7,941.54

Term of Engagement:
1/2020 - 8/2021

Role:
Subconsultant


Topographic Survey for Village of Key Biscayne K-8 School

Key Biscayne, FL

Scope of Services:

Longitude Surveyors conducted a Boundary Survey with elevations, which included a graphical representation of right-of-way lines, property boundaries within the project area, side lot lines, and adjacent parcels located within the survey limits. The survey accurately located overhead and surface utilities, sidewalks, curbs and gutters, paved roadways, driveways, light poles, power poles, fire hydrants, fences, signage, trees, manholes, catch basins, valves, valve boxes, and other notable above-ground improvements.

All trees and palms with a diameter of 3 inches or greater at breast height (DBH) were located, though a formal Tree Survey was not performed. Elevation data including rim, bottom, and invert elevations was collected for all drainage and sanitary structures. Where accessible, the team also determined pipe diameters and materials. The survey further included the collection of Finish Floor Elevations (FFE) for buildings within the limits.

All control points were referenced to the Florida State Plane Coordinate System (NAD83/2011), and vertical data was based on the National Geodetic Vertical Datum of 1929 (NGVD29). As part of the final deliverables, a Sketch to Accompany Legal Description was also prepared.

Client and Contact Information:
Village of Key Biscayne
Jake Ozyman, MSCM, PE, ENV SP
Director of Public Works
jozyman@keybiscayne.fl.gov

* Mr. Ozyman is with the City of Aventura at the present time.

Cost of Services:
$2,685.00

Term of Engagement:
3/2019 - 10/2020

Role:
Subconsultant





Pump Station 0132 located at approximately Ocean Drive and Crandon Boulevard and Harbor Plaza

Key Biscayne, FL

Scope of Services:

Longitude Surveyors (LS) performed and prepared a comprehensive Boundary and Topographic Survey for Pump Station 0132. The scope of work included the identification and graphical representation of key cadastral elements such as rights-of-way lines, subdivision lines, section lines, lot lines, baseline alignments, and easement boundaries as required by the project specifications. This detailed mapping supported accurate site planning and engineering design.

To ensure the precision of boundary locations, LS conducted extensive research and analysis, referencing official right-of-way maps, Miami-Dade Water and Sewer Department (MD-WASD) records, and utility easements available in the public domain. All relevant data was incorporated into the final deliverables to reflect true and current conditions on-site. The survey provided a reliable foundation for subsequent engineering, permitting, and construction efforts.

Client and Contact Information:
CES Consultants
Ernesto Fernandez, PE, CGC, CUC
Project Manager
305.409.4542
efernandez@cesconsult.com

Cost of Services:
$9,971.71

Term of Engagement:
2/2019 - 5/2023

Role:
Subconsultant





Topographic Survey Along Ridgewood Road, Glenridge Road, and West Enid Road in the Vicinity of Westwood Drive and West McIntyre Street Intersections

Key Biscayne, FL

Scope of Services:

Longitude Surveyors performed a Topographic Survey in accordance with special instructions, which included the establishment and depiction of right-of-way lines and a clearly defined graphical baseline. The survey identified and documented all significant above-ground features within the project limits, including edge of pavement, sidewalks, driveway approaches, trees, paved surfaces, utility castings, curbs and gutters, signage, utility poles, walls, and fences.

For each tree within the survey area, Longitude provided detailed measurements, including Diameter at Breast Height (DBH), canopy spread, and overall height, ensuring a complete representation of the existing landscape. Elevation data was collected on a 25-foot grid to support detailed surface modeling and was referenced to the National Geodetic Vertical Datum of 1929 (NGVD29). All survey control points were established with Northing and Easting coordinates based on the Florida State Plane Coordinate System, using the North American Datum of 1983/2011 (NAD83/2011), ensuring precision and consistency across the deliverables.

Client and Contact Information:
Kimley-Horn & Associates, Inc
Gabriela Pres Ramirez, PE,
Project Manager
305.992.6342
gabriela.ramirez@kimley-horn.com

Cost of Services:
$16,250.00

Term of Engagement:
2/2019 - 3/2019

Role:
Subconsultant





Stormwater Master Plan - Outfalls

Key Biscayne, FL

Scope of Services:

Longitude Surveyors conducted a Topographic Survey of multiple sites, encompassing a range of surface features such as roadways, sidewalks, fences, walls, paved areas, drainage structures, planters, utilities, light poles, power poles, driveways, catch basins, curbs, signs, and all other notable above-ground improvements within the designated survey limits. All collected data points included elevation components to support detailed surface modeling and design.

The survey documented invert elevations, pipe sizes, materials, and flow directions for all drainage structures. Additionally, the survey incorporated the delineation of right-of-way and property lines within the project area and adjacent parcels. Control points were established using Northing and Easting coordinates referenced to the Florida State Plane Coordinate System (NAD 83/90), and all vertical data was tied to the National Geodetic Vertical Datum of 1929 (NGVD29).

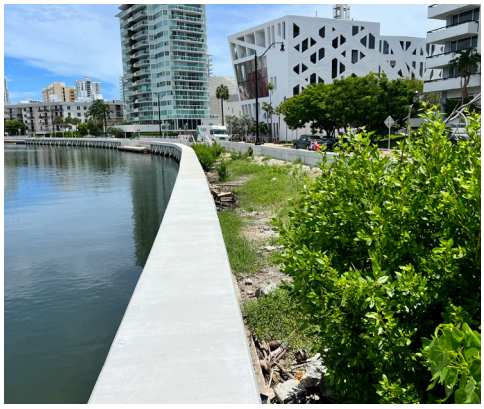
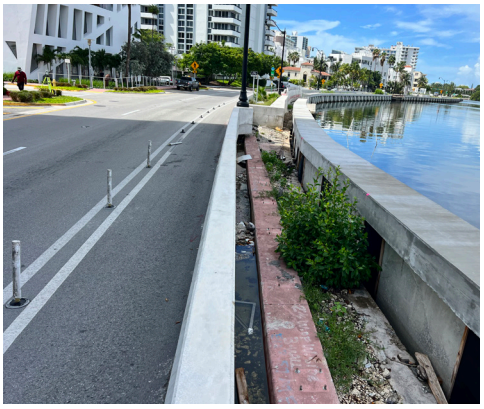
Longitude performed research using public records to identify existing easements impacting the properties; however, no formal title searches were conducted. The scope of work included the survey of 17 outfalls identified in the Village of Key Biscayne's Stormwater Atlas and Stormwater Master Plan Update, as provided by the client. Each survey extended from the outfall to the landward connecting structure and spanned a width of approximately 50 feet—25 feet on either side of the connecting line. Final deliverables included original signed and sealed hard copies of the survey, along with corresponding digital files.

Client and Contact Information:
EAC Consulting
Michael Adeife, PE
Project Manager
305.265.5400
madeife@eacconsult.com

Cost of Services:
$15,000.00

Term of Engagement:
12/2015 - 2/2016

Role:
Subconsultant


Indian Creek Drive Seawall Elevations

Miami Beach, FL

Scope of Services:

Longitude Surveyors established vertical control within the survey limits, referencing elevations to the North American Vertical Datum of 1988 (NAVD88). Elevation data was collected at key features throughout the project area, including rim elevations for all manholes and utility vaults located between the seawall and barrier wall, as well as top and bottom elevations of the seawall and barrier wall at 20-foot intervals—capturing both the sidewalk and current soil elevations between these structures. Soil elevations were gathered every 20 feet between the seawall and barrier wall, with points taken at the seawall, barrier wall, and midpoint.

Additional elevations included the sidewalk at the crosswalk near Collins Avenue, the top of all traffic signal concrete footers within the seawall-barrier wall area, and all bus stop pads (including corners and edges). Longitude collected elevation data for all edges and corners of the walkway at the pedestrian bridge between 28th and 29th Streets, including the adjacent north-side bus pad. Elevations were also recorded at the top of sheet pile caps at 35th, 37th, and 38th Streets; at the top of footings for two light poles at 36th Street and between 36th and 37th Streets; at the seawall's 90-degree west turn at 39th Street; and at all existing sidewalks and bus landing areas between 39th and 41st Streets every 20 feet, primarily along the west side of the walkway. Top and bottom elevations of the wall near the utility area just south of 31st Street were also documented.

Client and Contact Information:
City of Miami Beach
Giancarlo Pena, PE, CGC
Assistant City Engineer
305.673.7000 Ext. 6343
giancarlopena@miamibeachfl.gov

Cost of Services:
$23,145.00

Term of Engagement:
5/2023 - 11/2023

Role:
Prime



Venetian Causeway Sovereign Submerged Land Lease Survey and Sketch & Legal

Miami Beach, FL

Scope of Services:

Longitude Surveyors prepared a Sketch to Accompany Legal Description for an easement supporting a subaqueous crossing, ensuring compliance with Florida Department of Environmental Protection (FDEP) standards.

Additionally, Longitude completed a Sovereign Submerged Land Lease Survey, incorporating rights-of-way by analyzing field evidence, plats, deeds, and other relevant documentation. Lot lines and ownership boundaries—including locations, bearings, and dimensions within the survey limits—were graphically depicted. Easements, covenants, restrictions, and other encumbrances identified in public records or provided by the client were reviewed and shown on the survey.

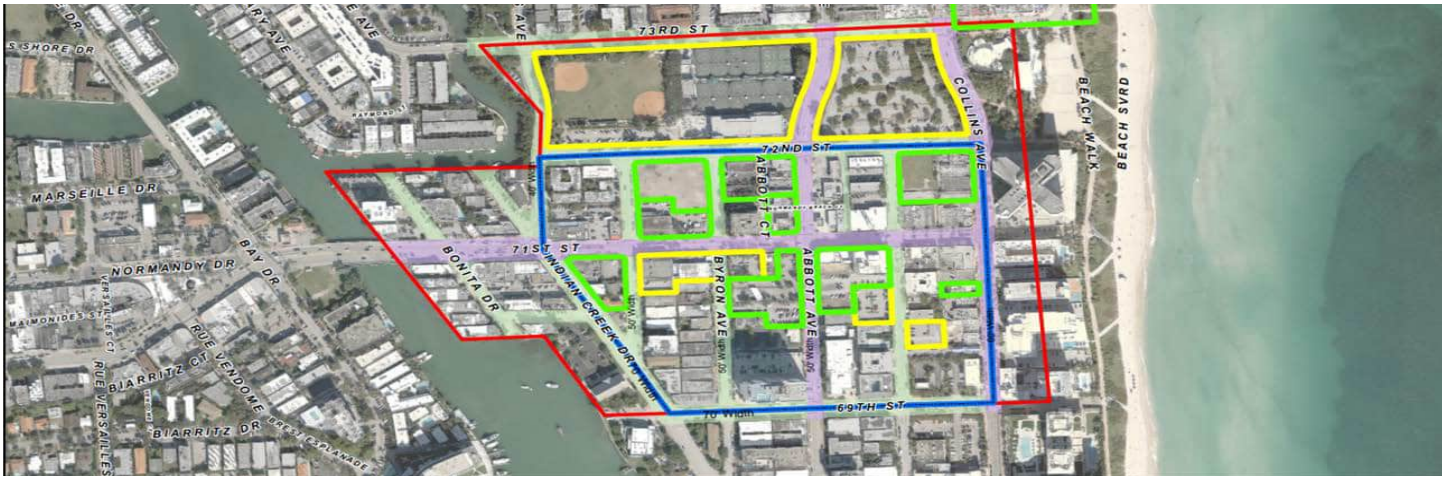
Longitude established horizontal and vertical control throughout the project area, collected significant aboveground improvements, and determined the Mean High Water (MHW) line within the survey limits to support the project's regulatory and design requirements.

Client and Contact Information:
Hazen & Sawyer
Taylor Bomarito
Project Manager
954.599.1898
tbomarito@hazenandsawyer.com

Cost of Services:
$38,100.00

Term of Engagement:
2/2023 - 4/2024

Role:
Subconsultant



North Shore D Neighborhood Improvement Project

Miami Beach, FL

Scope of Services:
Longitude Surveyors provided comprehensive Surveying, Mapping, Bathymetric, and Subsurface Utility Engineering (SUE) services for the project. The survey included the depiction of rights-of-way based on field evidence, plats, deeds, and other relevant documentation. All lot and ownership lines within the survey limits including locations, bearings, and dimensions were graphically represented. Easements, covenants, restrictions, and other encumbrances identified through public records were incorporated into the survey.

Longitude established horizontal and vertical control across the project area and collected all significant aboveground improvements. Elevation data was gathered on a 25-foot grid, including key features such as the crown of the road, edge of pavement, top of curb, and driveway elevations at right-of-way lines, with additional elevations collected to capture grade changes and site features.

Longitude also collected Finish Floor Elevations (FFE) for all structures or buildings with doorways or entrances along the right-of-way within the survey limits. All trees and palms with a diameter of three inches or greater at breast height (DBH) or a height of 12 feet or more were located, with recorded data including scientific name, common name, DBH, height, and canopy, presented in a Tree Table. Existing drainage and sanitary structures were surveyed, with data collected on rim elevations, structure bottom elevations, pipe sizes, materials, flow directions, and inverts.

A Digital Terrain Model (DTM) was created and delivered. In addition, Longitude performed Quality Level “B” SUE Designation services in accordance with ASCE standards, utilizing electromagnetic locators and ground-penetrating radar (GPR) to identify underground utilities within the survey limits. Utility data was compiled into a Civil 3D CAD file, georeferenced to the Florida State Plane Coordinate System.

LONGITUDE SURVEYORS

Client and Contact Information:
Jacobs
*Juan F. Aceituno, PE
Project Manager
786.620.6844
juan.aceituno@stantec.com

*Juan Aceituno was the project manager for this project while working with Jacobs he is now at Stantec. He will be available to attest.

Cost of Services:
$203,215.00

Term of Engagement:
8/2023 - 3/2024

Role:
Subconsultant







Citiwide Surveying and Mapping Services

Miami Beach, FL

LONGITUDE SURVEYORS

Scope of Services:

The scope of services under this contract entails a comprehensive range of services focused on boundary, topographic, bathymetric, as-built surveys, 3D scanning and subsurface utility engineering (SUE) services.

Partial Key Projects:

- Flamingo Park & Miami Beach Golf Club
- Bayshore Park - FPL Transformer Easement
- Alton 3900 Final Plat Review
- Storm Pump Station 19, Chase Avenue & W 34 Street
- Utility Location Service for Dade Blvd & Michigan Avenue
- Indian Creek Drive & 69 Street Pump Station
- Fisher Island Ferry
- West 59 Street between North Bay Road and Alton Road
- Flamingo Drive & 29 Street Seawall
- Miami Beach Towing Harmonization Project - Beach Towing Service
- 704-710-714 1st St., First Street NIP - City Parking Lot at 1 Street & Washington Avenue
- 66 Lagorce Circle - 24-Inch Water Transmission Line Reroute
- Rue Notre Dame Seawall

Client and Contact Information:
City of Miami Beach
Giancarlo Pena, PE, CGC
Assistant City Engineer
305.673.7000 Ext. 6343
giancarlopena@miamibeachfl.gov

Cost of Services:
$347,809.36 (YTD)

Term of Engagement:
9/2019 - 9/2024
(2) Optional one year renewals

New Contract Awarded:
1/2025 - 1/2028

Role:
Prime





Florida Department of Transportation District 6 Districtwide Miscellaneous Location Survey Consultant

Miami-Dade County, FL

Scope of Services:

The scope of services under this contract is to provide surveying support for various projects as directed or requested by the Florida Department of Transportation District 6 (FDOT D6). Our role encompasses a range of critical services tailored to meet the specific needs and requirements of FDOT D6 projects such as:

Control Surveying - Project Control Network
Longitude Surveyors is responsible for establishing and maintaining project control networks, which serve as the foundation for accurate and precise surveying activities throughout the project lifecycle.

Right-of-Way Mapping
Our team conducts comprehensive right-of-way mapping services, including preparing various mapping documents essential for land acquisition and project planning.

Design, Right of Way, Construction Survey
Longitude Surveyors perform design-level surveys, specific-purpose surveys, and acquisition parcel stakeouts to support the design, right-of-way acquisition, and construction phases of transportation projects.

Client and Contact Information:
Florida Department of Transportation District 6
Zurelys Cura Perez de Alejo, PSM
District Location Surveyor
305.640.7471
zurelys.perezdealejo@dot.state.fl.us

Cost of Services:
$110,683.75 (YTD)

Term of Engagement:
6/2021 - 6/2026

Role:
Prime





Florida Department of Transportation District 6 Districtwide Miscellaneous Construction Surveying

Miami-Dade County, FL

Scope of Services:

Longitude Surveyors was awarded a contract by the Florida Department of Transportation (FDOT) District 6 to provide a comprehensive range of professional miscellaneous construction survey services. These services are essential for supporting various construction projects within the district. The scope of the contract encompasses a wide array of surveying tasks crucial for the successful implementation of infrastructure projects.

Key components of the survey services provided under this contract include:

- Re-establishment of Survey Baselines
- Control Points and Benchmarks
- Drainage Surveys
- Bridge As-Built Surveys
- As-Built Cross-Sections
- Canal Soundings
- Volume Surveys

Client and Contact Information:
Florida Department of Transportation District 6
Keith McIntosh
Construction Project Manager
305.640.7438
keith.mcintosh@dot.state.fl.us

Cost of Services:
$231,963.89 (YTD)

Term of Engagement:
5/2019 - 5/2024

Role:
Prime







Miami-Dade County Water & Sewer Department General Land and Engineering Surveying and Mapping

Miami-Dade County, FL

Scope of Services:

Longitude Surveyors' services under this contract focus on land surveying for various water and sanitary sewer systems, pumping facilities, treatment plants, and related projects. Our responsibilities encompass activities throughout the project lifecycle, from design to construction and post-construction phases.

Key components of the survey services provided under this contract include:

- Underground Utility Locations (SUE)
- Quality Assurance and Quality Control (QA/QC)
- Topographic Surveying

Client and Contact Information:
Miami-Dade County Water & Sewer Department
Carlos E. Escalante, PE, PSM, ENV SP - Project Manager
786-354-1249
carlos.escalante@miamidade.gov

Cost of Services:
$523,631.62 (YTD)

Term of Engagement:
2/2022 - 2/2027

Role:
Prime





City of Coral Gables Citiwide Surveying Services

Coral Gables, FL

Scope of Services:

Longitude Surveyors was awarded a contract to provide comprehensive surveying services for the City of Coral Gables Public Works Department and Capital Improvement Program.

The scope of services includes topographic and as-built surveys and the development and management. The contract was extended and renewed for an additional year, underscoring the trust and satisfaction of the City of Coral Gables in Longitude Surveyors' capabilities.

Client and Contact Information:
City of Coral Gables
Jose Luis Oliveros
Assistant Director of Public Works
305.569.1859
joliveros@coralgables.com

Cost of Services:
$210,490.45 (YTD)

Term of Engagement:
9/2022 - 9/2024 - (1) Renewal

Role:
Prime





City of Homestead
Citiwide Platting Review Services CCNA Contract
Homestead, FL

Scope of Services:

Longitude Surveyors continues its longstanding partnership with the City of Homestead by providing platting review services directly to the municipality. Since 2016, we have been entrusted with this critical responsibility, demonstrating our commitment to delivering accurate and reliable services to support the City's development initiatives.

Our platting review services involve analyzing and evaluating plat submissions to ensure compliance with regulatory requirements, zoning ordinances, and land development regulations. By leveraging our expertise in land surveying and land use planning, we help facilitate the efficient processing and approval of plat applications, thereby supporting orderly growth and development within the City of Homestead.

Client and Contact Information:
City of Homestead
Michelle M. Lopez
Deputy Director
305.224.4400
mlopez@cityofhomestead.com

Cost of Services:
$102,575 (YTD)

Term of Engagement:
4/2016 - Ongoing

Role:
Prime

GEOSOL, INC.

SR 90/Tamiami Trail, Design-Build, 2.6-Mile Bridging, Miami, FL

DESCRIPTION OF WORK



FDOT District 6 recently improved SR 90/US 41/Tamiami Trail from East of Osceola Camp (MP14.038) to West of Airboat Association of Florida (MP 17.230) in Miami-Dade County. In this section, Tamiami Trail was an undivided two-lane two-way highway, consisting of 12-foot travel lanes, and 8-foot paved outside shoulders, and traversing the Everglades in western Miami-Dade County. The highway was designated part of the National Highway System (NHS) with a classification of Rural Principal Arterial.

The overall purpose of this project was Everglades restoration. Specifically, the Congressionally authorized purpose was "to restore more natural flow to Everglades National Park and Florida Bay, restoring habitat within the Park and ecological connectivity between the Park and the Water Conservation Areas." The project included design and construction of 2 new 2-lane bridges and associated Mechanically Stabilized Earth (MSE) walls. Bridge 1 had a length of 7,565 feet, and Bridge 2 a length of 4,650 feet. The addition of the new bridges created conveyance openings and drainage improvements through Tamiami Trail by removing the sections of the existing highway corresponding to the location of the new bridge spans.

Geosol, Inc. was the Geotechnical Engineer of Record during design and construction responsible for all of the field exploration and laboratory testing programs, foundation analysis, design and preparation of all geotechnical reports. The project included 100% dynamic load testing of 650 piles, vibration monitoring, and foundation certifications.

SR 90/Tamiami Trail, Design-Build, 2.6-Mile Bridging, Miami, FL

CLIENT
FDOT D6

ROLE
Geotech. Eng. of Record

DURATION
Nov.2016–Dec. 2019

DESIGN
$ 765,000 (Geotech)

REFERENCE
Elsa Riverol, P.E.

Phone no.: (305) 470-5105

email: elsa.riverol@dot.state.fl.us

GEOSOL, INC.

Design-Build for Golden Glades Multimodal Transportation Facility, Parking Garage & Pedestrian Bridge, Miami, FL.

DESCRIPTION OF WORK



The Florida Department of Transportation (FDOT) has recently designed and the construction is underway for the Golden Glades Park & Ride Center in Miami-Dade County. A new and modern integrated Multimodal Transportation Facility is being built to upgrade the existing Golden Glades Park & Ride Center. This project will improve the connectivity between transportation modes, as well as increase transfer efficiency, accessibility, safety, security and capacity. This project, in partnership with Miami-Dade County, will enhance the overall aesthetics of the Park & Ride area, while increasing visibility from the roadways. Key project features include: 2,150 parking spaces, 4,500 sq. ft. transit hub, 10,450 sq. ft. retail space, new designated passenger waiting areas, direct access to Tri-Rail Station from new parking garage, bicycle parking, bus terminals, bicycle paths, drainage improvements.

Geosol, Inc. was the Geotechnical Engineer of Record during design and construction responsible for all of the field exploration and laboratory testing programs, foundation analysis, design and preparation of all geotechnical reports. The project included 100% dynamic load testing of 600 augercast piles, vibration monitoring, and foundation certifications.

RELEVANT EXPERIENCE

Golden Glades Multimodal Transportation Facility, Parking Garage & Pedestrian Bridge, Miami, FL

CLIENT
FDOT D6

ROLE
Geotech. Eng. of Record

DURATION
Jul.2018–Feb. 2020

DESIGN
$ 150,000 (Geotech)

REFERENCE
Raul Quintela, P.E.

Phone no.: (305) 470-5271

email: raul.quintela@dot.state.fl.us

GEOSOL, INC.

SR-7/US-441 Transit Corridor Improvements, along NW 16th, NW 19th and NW 26th Streets, from NW 49th Ave. to SR 7/US 441, City of Lauderdale Lakes, FL

DESCRIPTION OF WORK



The Florida Department of Transportation (FDOT) District 4 plans to provide roadway widening and reconstruction, milling and resurfacing, signing and pavement markings, drainage improvements, bike lanes and sidewalk construction. Geosol, Inc., was the Geotechnical Engineer of Record (GEOR) and performed geotechnical services for the proposed roadway, bike lanes and sidewalk improvements that are part of this project along NW 26th Street, NW 19th Street, and NW 16th Street, from NW 49th Avenue to SR 7 in City of Lauderdale Lakes, Broward County. The geotechnical services included performing a roadway soils survey, and a pavement coring program. The soils survey included performing soil borings, Borehole Exfiltration/percolation testing, performing laboratory classification testing, measuring the groundwater table depths, and providing geotechnical engineering evaluations and recommendations for the proposed roadway improvements.

RELEVANT EXPERIENCE

CLIENT
FDOT D4

ROLE
Geotech. Eng. of Record

DURATION
Jul.2021 – Jul. 2023

DESIGN
$ 80,215 (Geotech)

REFERENCE
Betsy Jeffers, P.E. (Marlin Eng., Inc.)

Phone no.: 954.809.4058

email: bjeffers@marlinengineering.com

GEOSOL, INC.

SR 7/US 441 Transit Corridor Improvements, from Oakes Rd to the New River Greenway and SR 838/Sunrise Blvd from SR-7 to NW 31st Ave., Broward County, FL



DESCRIPTION OF WORK

The Florida Department of Transportation (FDOT) District 4 plans to provide roadway widening and reconstruction, milling and resurfacing, signing and pavement markings, drainage improvements, bike lanes, shared used and sidewalk construction. Geosol, Inc., was the Geotechnical Engineer of Record (GEOR) and performed geotechnical services for the proposed roadway, bike lanes and sidewalk improvements that are part of this project in Broward County. The geotechnical services included performing a roadway soils survey, and a pavement coring program. The soils survey included performing soil borings, Borehole Exfiltration/percolation testing, performing laboratory classification testing, measuring the groundwater table depths, and providing geotechnical engineering evaluations and recommendations for the proposed roadway improvements.

RELEVANT EXPERIENCE

CLIENT
FDOT D4

ROLE
Geotech. Eng. of Record

DURATION
Dec. 2019 – Feb. 2023

DESIGN
$ 73,827 (Geotech)

REFERENCE
Bayo Coker, P.E. (HBC Eng. Inc.)

Phone no.: 305.232.7932

email: acoker@hbcengineeringco.com

2. Service Team and Resumes

a. Organizational Chart



Project Manager / Principal

Eduardo M. Suarez, PSM

LEGEND

- Longitude Surveyors, LLC
- GEOSOL, Inc.

Operations Manager

Giancarlo Sorana

QA/QC Manager

Darryl Hauser, PSM

Surveying and Mapping

Eduardo M. Suarez, PSM
John H. Adler, PSM
Brian Bellino, PSM
Greg Bouie, PSM
Telva Morejon, CST, SIT
Joseph Edwards, EIT, SIT
Carlos Cuneo
Jesse Ramon

Aerial Photogrammetry

Eduardo M. Suarez, PSM
Carlos Cuneo
Jesse Ramon
Manuel Lorenzo - UAS Pilot
Jonathan Fernandez
UAS Pilot

Underground Location (SUE)

John H. Adler, PSM
Carlos Cuneo
Telva Morejon, CST, SIT
Yoan Bulit
Leonel Pacheco

Hydrographic Surveys

Eduardo M. Suarez, PSM
Brian Bellino, PSM
Greg Bouie, PSM
Telva Morejon, CST, SIT
Carlos Cuneo
Jesse Ramon

Surveying CAD Technicians

Diana Rosa Sanchez
Laura Torres
Jose Garriga Batista
Jose Monzon
Saily Fernandez

Field Staff

Manuel Lorenzo - Field Coordinator/UAS Pilot
Angel Fortun - Crew Chief (3 man crew)
Arian Martin - Crew Chief (2 man crew)
Lester Rodriguez - Crew Chief (3 man crew)
Marlon Centeno - Crew Chief (2 man crew)
Rafael Martin - Crew Chief (2 man crew)
Yoan Bulit - Crew Chief (2 man crew)
Leonel Pacheco - Crew Chief (2 man crew)

Geotechnical Engineers

Oracio Riccobono, PE
Juan Gonzalez, PE
Adnan Ismail, PE



EDUARDO M. SUAREZ, PSM

Project Manager / Principal

Leading the team is **Eduardo "Eddie" M. Suarez, PSM**. Recognized for his exceptional leadership, technical proficiency, and commitment to delivering top-tier surveying services, he has successfully navigated complex projects in diverse sectors, including commercial, residential, transportation and infrastructure developments. Having established a reputation for quality, integrity, and client satisfaction, Eddie has built and nurtured strong professional relationships. His collaborative approach ensures seamless coordination between multidisciplinary teams, driving projects toward successful outcomes. With a keen eye for detail and a passion for precision, he orchestrates the team's efforts with unwavering dedication

INDUSTRY TENURE
40 years

LONGITUDE TENURE
21 years

EDUCATION
AA, Miami Dade College
(1993)

REGISTRATIONS
Professional Surveyor
and Mapper
FL License No. LS6313

AFFILIATIONS
Florida Surveying and
Mapping Society
Miami Chapter President

America Society of Civil
Engineers
Member

Utility Engineering Surveying
Institute
Member

Village of Key Biscayne Projects:

- Rickenbacker Causeway - Comfort Station No.2 Sewer Connection
- Central District Waste Water Treatment Plant
- Pump Station 0137 located at just North of the Intersection of W. Mashta Drive and N. Mashta Drive
- Topographic Survey for Village of Key Biscayne K-8 School
- Pump Station 0132 located at approximately Ocean Drive and Crandon Boulevard and Harbor Plaza
- Topographic Survey Along Ridgewood Road, Glenridge Road, and West Enid Road in the Vicinity of Westwood Drive and West McIntyre Street Intersections
- Along Fernwood Road from West Mashta Drive to Harbor Drive
- (Street Lighting Project)
- Stormwater Master Plan - Outfalls

Continuing Contracts for Surveying, Mapping and Construction Surveying Services:

- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS01 Agreement No. 24LSLLC002
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS02 Agreement No. 24LSLLC003
- Miami-Dade County Transportation Department - Land and Engineering Surveying, Aerial Photogrammetric Services, Underground Surveys, and Hydrographic Surveys ISD Project No. E24TP01
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services
- City of Miami Gardens - Misc. Surveying Services Project No. 23-24-017
- City of Dania Beach - Professional Surveying and Mapping Services Project No. 24-016
- City of Oakland Park - Continuing Professional Consulting Services (CCNA) Project No. 100323
- City of Homestead - Platting Services

LONGITUDE SURVEYORS



JOHN H. ADLER, III, PSM

Senior Surveyor / SUE Specialist

INDUSTRY TENURE
45 years

LONGITUDE TENURE
12 years

EDUCATION
AA, Miami Dade College (1994)

REGISTRATIONS
Professional Surveyor and Mapper
FL License No. LS4693

John H. Adler, III, PSM is a highly skilled Surveyor with a specialized focus on Subsurface Utility Engineering (SUE) techniques, offering 45 years of expertise in the field. As a dedicated professional, he has demonstrated a proven track record in leading surveying projects, specializing in the accurate identification, mapping, and assessment of subsurface utilities. With an in-depth understanding of geospatial technologies and industry best practices. John a keen eye for detail and a meticulous approach to data analysis, ensuring the precise documentation of subsurface utilities. By leveraging his knowledge of SUE standards, he has consistently delivered high-quality, reliable, and safe surveying solutions to a diverse range of clients. As a dedicated Senior Surveyor, he is committed to delivering innovative solutions and contributing significantly to the success of any project he undertakes.

Continuing Contracts for Surveying, Mapping and Construction Surveying Services:

- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services

Other Key Projects:

- City of Miami Beach - North Shore D Neighborhood Improvement Project
- City of Miami Beach - Pump Station No. 22 Discharge Force Main Replacement (South Shore Drive 12” FM Replacement)
- City of Miami Beach - Venetian Causeway Water and Sewer Main Upgrades
- City of Miami Beach - Fire Station No. 1 located at 1045 Jefferson Ave.
- City of North Miami Beach - Highland Village Water Main Improvements
- City of Sunny Isles - Sunny Isles Water Main Improvements, - Survey and Sub-Surface Utility Engineering (SUE)
- City of Hallandale Beach - Foster Road, between NW 10 Avenue and NW 4 Avenue. Along with a portion of NW 8 Avenue, between Foster Road and NW 9 Street. NW 9 Street, between NW 9 Avenue and NW 8 Avenue
- City of Riviera Beach - Riviera Beach Water Treatment Plant
- Greater Miami Expressway - SR 836 SW Extension/Kendall Parkway - Project Development & ROW - ROW Survey EAC Project Number: 15022.E836-18
- GMX Project Number: 83618-001.151
- Greater Miami Expressway - SR 112 Auxiliary Lanes - Planning and Engineering
- Greater Miami Expressway - Toll Zones on SR874, SR878 and SR924, Florida GMX Proect. No.:30056.010
- Miami-Dade County Aviation Department - MDAD - Fuel Facility Fire Hydrants Improvements
- Miami-Dade Department of Transportation and Public Works - East-West Corridor Rapid Transit (SMART Plan) Bus Rapid Transit (BRT) LPA Phase 1 and Phase 2

LONGITUDE SURVEYORS



DARRYL HAUSER, PSM
QA/QC Manager

Darryl J. Hauser, PSM is a results-driven Surveying QA/QC Manager with 35 years of experience in ensuring the highest standards of quality and accuracy in surveying projects. With a keen eye for detail and a passion for precision, he oversees the entire quality assurance and quality control process, ensuring that all surveying activities are conducted with utmost precision and adherence to industry regulations. Darryl has expertise in project management, construction administration, and quality assurance/quality control as well as Florida Department of Transportation procedures.

INDUSTRY TENURE
35 years

LONGITUDE TENURE
7 years

EDUCATION
BS, Surveying & Mapping
University of Florida
(1990)

Post Baccalaureate Study
(1992)

REGISTRATIONS
Professional Surveyor and Mapper
FL License No. LS6277

AFFILIATIONS
Florida Surveying and Mapping Society
Member

Village of Key Biscayne Projects:

- Topographic Survey for Village of Key Biscayne K-8 School

Continuing Contracts for Surveying, Mapping and Construction Surveying Services:

- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services

Other Key Projects:

- City of Hialeah Roadway Improvements SE 4 Place to SE 7 Place from SE 6 Avenue to SE 8 Avenue
- City of Hialeah Roadway Improvements SE 4-6 Avenue from Okeechobee Road to SE 4 Street
- City of Miami - Fire Station No. 9 - 69 NE 62 Street
- City of Miami Beach, Fire Station No. 1 located at 1045 Jefferson Ave
- Indian Creek Village - Roadway Redevelopment Plan Construction Phase
- Village of Key Biscayne - Central District Waste Water Treatment Plant
- City of Hallandale Beach - Topographic Survey of Roadways in Golden Isles
- City of Hallandale Beach - Collect Drainage and Gravity Sewers Rim and Invert Elevations
- City of Riviera Beach - Riviera Beach Water Treatment Plant
- Greater Miami Expressway - SR 836 SW Extension/Kendall Parkway - Project Development & ROW - ROW Survey EAC Project Number: 15022.E836-18 GMX Project Number: 83618-001.151
- Pinecrest Community Center/Library Property and Park, City of Pinecrest, Pinecrest, FL
- Source (Soil) Removal at the Devon Aire Park Site, Miami-Dade County Division of Environmental Resources Management (DERM), Miami, FL
- Miami-Dade County Parks, Recreation and Open Spaces Department Soil and Groundwater Sampling at Gwen Cherry Park
- Environmental Monitoring and Restoration of Larry and Penny Miami-Dade County Parks, Recreation and Open Spaces Department
- Thompson Park, Miami-Dade County Parks, Recreation and Open Spaces Department Hammocks Community Park

LONGITUDE SURVEYORS



BRIAN T. BELLINO, PSM
Senior Surveyor

INDUSTRY TENURE
44 years

LONGITUDE TENURE
3 months

EDUCATION
Palm Beach State College
Survey Legal Descriptions and Survey Legal Aspects
(1987)

Indian River State College
Survey I and Survey II
(1989)

REGISTRATIONS
Professional Surveyor and Mapper
FL License No. LS4973

AFFILIATIONS
Florida Surveying and Mapping Society
Member

Florida Flood Plain Managers Assoc.
Member

Brian T. Bellino, PSM, is an accomplished Florida Professional Surveyor and Mapper with an illustrious career spanning 44 years in the surveying discipline. As the working both in the Private and Public Sector he has demonstrated unparalleled expertise in leading and managing surveying projects of varying scales, ensuring precision and accuracy. Recognized for his exceptional leadership, technical proficiency, and commitment to delivering on schedule top-tier surveying services, he has successfully navigated complex projects in diverse sectors, including commercial, residential, transportation, infrastructure, and neighborhood improvement projects.

Key Projects:

- Flamingo Park Meridian Ave & 11 Street, City of Miami Beach
- 2811 Indian Creek Drive, City of Miami Beach
- Greenspace Facility Renovation, City of Miami Beach
- 9456 Abbott Avenue, Town of Surfside
- Sunset Islands -2501 Lake Avenue, 1405 West 24 Street, and 2345 Lake Avenue, City of Miami Beach

Other **Key Projects while working with another firm:**
City of Miami Beach, City Surveyor Manager

PW/CIP Neighborhood Projects:

- Star, Palm and Hibiscus Islands
- South Pointe South of Fifth
- Venetian Islands Sam Marino, Dilido, Rivo Alto and Belle Island
- Sunset Harbour
- Sunset Islands
- Nautilus
- La Gorce, La Gorce Island
- Lakeview Bayshore
- Normandy Shores
- Biscayne Point, Stillwater
- North Shore North Beach

Roadway Projects:

- Indian Creek Drive, North Bay Road, West Ave., Bay Road, Alton Road, Pine Tree Drive, Dade Boulevard, Ocean Drive, 6th Street, 11th Street, 17th Street

Other Projects:

- Beach Walk
- Convention Center Expansion Renovation
- City Wide Seawall Survey with Lidar
- Citywide Benchmarks
- Preparation and/or review Legal Descriptions and Sketch for City Commission Resolution Exhibits.

LONGITUDE SURVEYORS



GREG BOUIE, PSM
Project Surveyor

Greg Bouie, PSM, is a professional surveyor with 19 years of experience in the surveying and mapping field. He began his career in Dallas, Georgia, focusing on subdivision design and large boundary surveying projects around the Metropolitan Atlanta area. Greg started as an instrument person while studying surveying and mapping at Southern Polytechnic State University, gaining valuable field experience alongside his education in survey theory. Over the years, Greg has worked with well-known firms on a variety of projects, steadily growing his expertise. In 2018, he became a licensed surveyor in Florida, a key milestone in his career. In 2024, Greg joined the Longitude Surveyors team, where he continues to contribute to the industry and excel in his profession.

INDUSTRY TENURE
19 years

LONGITUDE TENURE
1 year

EDUCATION
BS, History
Florida Int'l University (2005)

Surveying and Mapping Certificate
Southern Polytechnic State University
(2008)

REGISTRATIONS
Professional Surveyor and Mapper
FL License No. LS7169

AFFILIATIONS
Florida Surveying and Mapping Society
Member

Key Projects:

- City of Miami Beach - Indian Creek Drive & 69 Street Pump Station
- City of Miami - Improvements to South Bayshore Dr. from Darwin St. to Mercy Way South Bayshore Drive - Pump Station and Outfall Locations
- Miami-Dade County Water and Sewer Department
- Pump Station No. 0063 / SW of the Intersection at NW 22nd AVE & NW 1st
- City of Miami Beach - Pump Station No. 22 Discharge Force Main Replacement (South Shore Drive 12" FM Replacement)
- City of Miami Beach - MSMC Booster Pump 4300 Alton RD
- City of North Miami Beach - North District Wastewater Treatment Plant - Electrical Distribution Building No. 2
- Village of Pinecrest - Drainage Sub-Basins U29 West & East
- Miami Executive Airport - Kendall Tamiami Airport, Miami-Dade County Aviation Department
- City of Miami Ruben Dario Park
- North Bay Village ADA Sidewalk Easement
- Riviera Beach Water Treat Plant 2391 West Blue Heron Boulevard
- SDI Aggregate Mines 36301 Southwest 167th Avenue
- SFWMD ROW Southwest 272nd Street & Southwest 217th Avenue
- Baptist Hospital, Main Hospital / East Campus Expansion / Hotel and West Campus / MCI / East Energy Center Expansion / MAB / Property adjacent to Parking Garage 6 on 87th Ave and 92nd Street / Property adjacent to the apartment building on 87th Ave and 94th Street, Miami, FL
- Water Main Replacement along Holiday DR, City of Hallandale Beach
- City of Sunrise - NW 44th Street Improvements
- City of Oakland Park - Prospect Road Right-of-Way
- City of Oakland Park - Prospect Road Right-of-Way
- Broward County Design Services of Adaptive Traffic Control Systems and Fiber Optic Network

LONGITUDE SURVEYORS



GIANCARLO SORANA
Operations Manager

Giancarlo Sorana, EU has a proven track record of excellence in land surveying and geospatial analysis. With 31 years of experience in the field of surveying, he brings a deep understanding of surveying techniques, state-of-the-art equipment, and industry best practices. He is adept at leading survey teams, managing complex projects, and ensuring the accuracy and reliability of survey data. Giancarlos is highly proficient in AutoCAD (Civil 3D) with a strong engineering civil engineering background. He is specialized in topographic surveys for paving, drainage, and utility infrastructure designs.

INDUSTRY TENURE
31 years

LONGITUDE TENURE
7 years

EDUCATION
Surveying Technology/
Surveying University of
Camerino, Italy
1993

I.T.G. Luigi Vanvitelli
Ancona Geometra
(Land Surveyor and
Mapper)
Italy 1990

REGISTRATIONS
European Community
Professional Surveyor License
Italian Ministry of Education,
Universities and Research
Issued Feb. 1994
Credential ID: AN1639

Village of Key Biscayne Projects:

- Rickenbacker Causeway - Comfort Station No.2 Sewer Connection
- Central District Waste Water Treatment Plant
- Pump Station 0137 located at just North of the Intersection of W. Mashta Drive and N. Mashta Drive
- Topographic Survey for Village of Key Biscayne K-8 School
- Pump Station 0132 located at approximately Ocean Drive and Crandon Boulevard and Harbor Plaza
- Topographic Survey Along Ridgewood Road, Glenridge Road, and West Enid Road in the Vicinity of Westwood Drive and West McIntyre Street Intersections
- Along Fernwood Road from West Mashta Drive to Harbor Drive
- (Street Lighting Project)
- Stormwater Master Plan - Outfalls

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- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS01 Agreement No. 24LSLLC002
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS02 Agreement No. 24LSLLC003
- Miami-Dade County Transportation Department - Land and Engineering Surveying, Aerial Photogrammetric Services, Underground Surveys, and Hydrographic Surveys ISD Project No. E24TP01
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services

LONGITUDE SURVEYORS



TELVA MOREJON, CST, SIT

Senior Survey Technician / Right-of-Way Specialist

INDUSTRY TENURE
36 years

LONGITUDE TENURE
9 years

EDUCATION
BS, Civil Engineering
University of Cienfuegos, Cuba (1994)

Professional Surveyor and Training Survey Technician
CST No. 0617-5709

Telva Morejon, CST, SIT is a highly skilled Senior Survey Technician with a wealth of experience in the field of surveying for 36 years. Possessing a Surveyor and Training Survey Technician CST certificate, she brings a comprehensive understanding of surveying principles, methodologies, and cutting-edge technologies. Telva is a Surveying right-of-way specialist with a proven track record in facilitating seamless land acquisition processes for various projects. Possessing extensive expertise in interpreting property records, understanding legal descriptions, and navigating intricate land tenure systems, she excels in identifying, negotiating, and securing rights of way efficiently. Telva has also served as Project Manager Surveyor on multiple Florida Department of Transportation (FDOT) Contracts. Her extensive experience allows her to remain intimately familiar with FDOT standards, policies, and department procedures.

Village of Key Biscayne Projects:6

- Topographic Survey for Village of Key Biscayne K-8 School
- Pump Station 0132 located at approximately Ocean Drive and Crandon Boulevard and Harbor Plaza
- Topographic Survey Along Ridgewood Road, Glenridge Road, and West Enid Road in the Vicinity of Westwood Drive and West McIntyre Street Intersections
- Along Fernwood Road from West Mashta Drive to Harbor Drive
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- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS01 Agreement No. 24LSLLC002
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- Miami-Dade County Transportation Department - Land and Engineering Surveying, Aerial Photogrammetric Services, Underground Surveys, and Hydrographic Surveys ISD Project No. E24TP01
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- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services

LONGITUDE SURVEYORS



CARLOS CUNEO
Senior Survey Technician

Carlos Cuneo is a senior survey technician with 42 years of hands-on experience in managing and coordinating surveying projects. Adept at utilizing cutting-edge surveying technologies and methodologies to ensure accurate and timely completion of field operations. Proven track record of optimizing surveying processes, enhancing operational efficiency, and ensuring seamless communication between field teams and project stakeholders. Possess strong organizational and leadership skills, along with a deep understanding of land surveying principles and regulations.

INDUSTRY TENURE
42 years

LONGITUDE TENURE
6 years

EDUCATION
BS Surveying Engineering
UDELAR, Uruguay
(1990)

Village of Key Biscayne Projects:

- Rickenbacker Causeway - Comfort Station No.2 Sewer Connection
- Central District Waste Water Treatment Plant
- Pump Station 0137 located at just North of the Intersection of W. Mashta Drive and N. Mashta Drive
- Topographic Survey for Village of Key Biscayne K-8 School
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- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS01 Agreement No. 24LSLLC002
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- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services
- City of Miami Gardens - Misc. Surveying Services Project No. 23-24-017
- City of Dania Beach - Professional Surveying and Mapping Services Project No. 24-016
- City of Oakland Park - Continuing Professional Consulting Services (CCNA) Project No. 100323
- City of Homestead - Platting Services

LONGITUDE SURVEYORS



JESSE RAMON
Senior Survey Technician

INDUSTRY TENURE
13 years

LONGITUDE TENURE
13 years

EDUCATION
AA, Arts in Civil Engineering
Miami-Dade College
(2018)

BS, Geomatics
University State of Florida
(Present)

Jesse Ramon is a dedicated and results-oriented surveying project Technician. Skilled in utilizing advanced surveying technologies, managing cross functional teams, and ensuring project milestones are achieved on time and within budget. Adept at collaborating with clients, stakeholders, and regulatory authorities to ensure compliance with industry standards and regulations. Proven track record of delivering high-quality surveying services for a diverse range of projects, including transportation, infrastructure, commercial and residential. Strong leadership abilities coupled with excellent communication skills, enabling effective coordination between multidisciplinary teams and successful project outcomes. Committed to delivering accurate and reliable surveying solutions tailored to meet client requirements.

Village of Key Biscayne Projects:

- Rickenbacker Causeway - Comfort Station No.2 Sewer Connection
- Central District Waste Water Treatment Plant
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- Stormwater Master Plan - Outfalls

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- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS01 Agreement No. 24LSLLC002
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS02 Agreement No. 24LSLLC003
- Miami-Dade County Transportation Department - Land and Engineering Surveying, Aerial Photogrammetric Services, Underground Surveys, and Hydrographic Surveys ISD Project No. E24TP01
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services

LONGITUDE SURVEYORS



RONI ENISTE
Senior Survey Technician

INDUSTRY TENURE
10 years

LONGITUDE TENURE
10 years

EDUCATION
BS, University of Notre Dame (1997)

Roni Eniste is a survey technician with 10 years of hands-on experience in surveying. With attention to detail and a passion for precision, Roni has contributed to numerous successful surveying projects throughout his career at Longitude Surveyors. He possesses a comprehensive understanding of surveying techniques, equipment, and software, enabling him to effectively collect, analyze, and interpret data to support project objectives.

Village of Key Biscayne Projects:

- Topographic Survey Along Ridgewood Road, Glenridge Road, and West Enid Road in the Vicinity of Westwood Drive and West McIntyre Street Intersections
- Along Fernwood Road from West Mashta Drive to Harbor Drive
- (Street Lighting Project)
- Stormwater Master Plan - Outfalls

Continuing Contracts for Surveying, Mapping and Construction Surveying Services:

- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001

Other Key Projects:

- City of Hialeah Roadway Improvements SE 4 Place to SE 7 Place from SE 6 Avenue to SE 8 Avenue
- Greater Miami Expressway - SR 836 SW Extension/Kendall Parkway - Project Development & ROW - ROW Survey EAC Project Number: 15022.E836-18 GMX Project Number: 83618-001.151
- Greater Miami Expressway - Toll Zones on SR874, SR878 and SR924, Florida GMX Project No.:30056.010
- Miami-Dade County Aviation Department - MDAD - Fuel Facility Fire Hydrants Improvements
- City of Parkland - Fire Station No. 109
- Monroe County - Engineering Design and Permitting for the Stock Island Roadway Improvement Project
- Monroe County - Design and Permitting for the Sea Level Rise Pilot Project (Big Pine- Fathers Way and D Avenue)
- Monroe County - Design and Permitting for the Sea Level Rise Pilot Project, Key Largo Lake Street and Shaw Drive; then northerly along Shaw Drive to Crane Street; then easterly along Crane Street to Adams Drive; then northerly along Adams Drive to its termination all lying within Key Largo (Twin Lakes Project)
- City of Sunrise - Surveying services for Sunrise Transmission Main Improvements along NW 44 Street
- City of Miami - Fire College - 3425 Jefferson Street
- City of Miami - Fire Station No. 11 - 5920 West Flagler Street
- City of Miami - Fire Station No. 9 - 69 NE 62 Street
- City of Hallandale Beach - Topographic Survey of Roadways in Golden Isles
- City of Hallandale Beach - Water Main Replacement along Holiday Drive

LONGITUDE SURVEYORS



JOSEPH DANIEL EDWARDS, EIT, SIT

Survey Technician / UAS Drone Pilot

Joseph Edwards, EIT, SIT is a project engineer with over 10 years of experience in the civil engineering industry, specializing in the analysis and design of paving and grading for driveways and parking lots, stormwater drainage systems, water and sewer pipelines and structures, and pavement markings and signage. Additionally, Joseph has gained valuable experience in land surveying and geomatics, acquiring new skills that enhance his ability to understand infrastructure in depth—both before designs are developed and throughout the construction phases.

INDUSTRY TENURE
10 years

LONGITUDE TENURE
3 months

EDUCATION
University of Florida
Undergraduate Certificate in Geomatics (Surveying) (2023)

BS, Civil Engineering
Florida International University
(2012)

MS, Engineering Management with Structural/Wind/ Construction
Florida International University
(2014)

REGISTRATIONS
Professional Engineer
(Application in process)

Engineering Intern
License No. 1100019624

Key Projects:

- City of Pompano Beach - Pompano Beach Senior Activity Center
- City of Coconut Creek - Right-of-Way Surveys for Multiple Segments of Roadways Adjacent to Several Schools within the City of Coconut Creek
- Villas as Corral Ridge 1821, 1823, 1825 NE 26 Avenue, Fort Lauderdale, FL
- Robbins Residences3207 Robbins Rd, Pompano Beach, FL
- BOS UCC University Relocation 6300 South Dixie Highway, South Miami, FL
- North District Wastewater Treatment Plant 2575 NE 156th ST North Miami Beach, FL
- City of Miami - Ruben Dario Park1610 NW 6th St, Miami, FL
- Plantation Schools - Plantation Middle School, Ben Gamla and Plantation High School
- City of Ft. Lauderdale - Fire Station No. 88507 Southeast 11th Court, Fort Lauderdale, FL
- Kendall-Tamiami Airport14532 Southwest 129th Street, Miami, FL
- Waste Connections 3840 Northwest 37th Court, Miami, FL
-

Other **Key Projects while working with another firm:**

- MS DEI 272 Multifamily Development, Miami-Dade County
- Merritt Island Plaza Redevelopment- Brevard County
- Southland Mall - Miami-Dade County
- Seaway Villas - Miami-Dade County
- Fort Lauderdale International Airport (FLA) - Broward County
- Civil Engineering Reviewer for the City of Parkland
- John Knox Village, Phase 2A, 2B and 3
- Courtyard Marriott in Miami, FL
- Lyons Park Neighborhood Improvements Project
- Canal System Stabilization Project- City of Lauderdale Lakes
- S-40, S-41 and S-44 Gate Replacements and Concrete Repairs- Miami-Dade County
- Canal Bank Erosion Mitigation- Miami-Dade County

LONGITUDE SURVEYORS



YOAN BULIT

Subsurface Utility Engineering (SUE) Senior Technician

INDUSTRY TENURE
15 years

LONGITUDE TENURE
12 years

EDUCATION
Armando Mestres, Cuba
High School

CERTIFICATES
OSHA 10 Certificate
MOT Certificate

Yoan Bulit is a highly experienced Subsurface Utility Engineering (SUE) Technician with 25 years of expertise in underground utility investigation, mapping, and data collection. Throughout his career, Yoan has developed a deep proficiency in utility designation and verification using industry-standard technologies such as Ground Penetrating Radar (GPR), electromagnetic locators, and vacuum excavation (Soft Dig) methods. He has worked on a wide range of complex infrastructure and transportation projects, providing accurate and dependable utility data that supports safe and efficient design and construction. Yoan's knowledge of utility systems, field safety practices, and survey integration makes him a trusted resource for engineers, contractors, and municipalities. Known for his thoroughness, problem-solving skills, and commitment to quality, Yoan consistently delivers reliable results and plays a critical role in minimizing utility conflicts and construction risks on every project he supports.

Village of Key Biscayne Projects:

- Along Fernwood Road from West Mashta Drive to Harbor Drive (Street Lighting Project)
- Pump Station 0137 located at just North of the Intersection of W. Mashta Drive and N. Mashta Drive
- Central District Waste Water Treatment Plant

Continuing Contracts for Surveying, Mapping and Construction Surveying Services:

- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services

Other Key Projects:

- North Bay Village - North Bay Village Fire Station and City Hall
- South Florida Regional Transit Authority (SFRTA) - Miami/Hialeah Railyard - South Rail Corridor HRY Wastewater Pump Station #2
- City of Sunrise - NW 44th Street Improvements - Soft Digs
- City of Tamarac - East Side Distribution Expansion
- City of North Miami Beach - Roadway of NE 137 Street between the easterly right-of-way of NE 6 Avenue and the westerly right-of-way of West Dixie Highway, N. Miami, FL
- Miami-Dade Aviation Department - MIA Runway Incursion Mitigation (RIM) Hot Spot 4 (HS4) (Corral Area) E2-2MDAD-05
- City of Hallandale Beach - Water Main Replacement along Holiday Drive.
- Florida Keys Aqueduct Authority FKAA - Transmission Main Replacement
- North Bay Village - North Bay Village Fire Station and City Hall
- City of Riviera Beach - Riviera Beach Water Treatment Plant

LONGITUDE SURVEYORS



LEONEL PACHECO

Subsurface Utility Engineering (SUE) Technician

INDUSTRY TENURE
17 years

LONGITUDE TENURE
4 years

EDUCATION
Armando Mestres, Cuba
High School

CERTIFICATES
OSHA 10 Certificate

Leonel Pacheco brings 17 years of solid experience in the surveying industry, with a strong foundation in field operations and data collection. He began his career as an Instrument Man, where he developed a deep understanding of surveying equipment, techniques, and field procedures. Through dedication and consistent performance, Leonel advanced within Longitude Surveyors, taking on increased responsibilities and demonstrating leadership in complex field assignments.
For the past two years, Leonel has focused his expertise in Subsurface Utility Engineering (SUE), working as a SUE Technician specializing in vacuum excavation (Soft Dig) to accurately locate underground utilities. His role involves coordinating with utility providers, reading and interpreting utility maps, and operating electromagnetic and ground-penetrating radar equipment to perform utility designation and verification.

Village of Key Biscayne Projects:

- Along Fernwood Road from West Mashta Drive to Harbor Drive (Street Lighting Project)
- Pump Station 0137 located at just North of the Intersection of W. Mashta Drive and N. Mashta Drive
- Central District Waste Water Treatment Plant

Continuing Contracts for Surveying, Mapping and Construction Surveying Services:

- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services

Other Key Projects:

- North Bay Village - North Bay Village Fire Station and City Hall
- South Florida Regional Transit Authority (SFRTA) - Miami/Hialeah Railyard - South Rail Corridor HRY Wastewater Pump Station #2
- City of Sunrise - NW 44th Street Improvements - Soft Digs
- City of Tamarac - East Side Distribution Expansion
- City of North Miami Beach - Roadway of NE 137 Street between the easterly right-of-way of NE 6 Avenue and the westerly right-of-way of West Dixie Highway, N. Miami, FL
- Miami-Dade Aviation Department - MIA Runway Incursion Mitigation (RIM) Hot Spot 4 (HS4) (Corral Area) E2-2MDAD-05
- City of Hallandale Beach - Water Main Replacement along Holiday Drive.
- Florida Keys Aqueduct Authority FKAA - Transmission Main Replacement
- North Bay Village - North Bay Village Fire Station and City Hall
- City of Riviera Beach - Riviera Beach Water Treatment Plant

LONGITUDE SURVEYORS



JOSE MONZON

Survey/GIS/SUE Analyst - Senior CADD Drafter

INDUSTRY TENURE
15 years

LONGITUDE TENURE
9 years

EDUCATION
High School Martires del Escambray, Cuba

Jose Monzon is a versatile Survey, GIS, and Subsurface Utility Engineering (SUE) Analyst with 15 years of experience supporting a wide range of surveying and infrastructure projects. He brings a unique blend of field knowledge and technical expertise in computer-aided design (CADD), making him a key asset in translating complex field data into accurate, high-quality deliverables.
Jose specializes in integrating survey data, GIS mapping, and utility records to create comprehensive base maps, utility models, and engineering support documents. Known for his attention to detail, analytical thinking, and collaborative approach, Jose ensures project accuracy, consistency, and efficiency from data acquisition to final plan production.

Village of Key Biscayne Projects:

- Topographic Survey for Village of Key Biscayne K-8 School
- Topographic Survey Along Ridgewood Road, Glenridge Road, and West Enid Road in the Vicinity of Westwood Drive and West McIntyre Street Intersections

Continuing Contracts for Surveying, Mapping and Construction Surveying Services:

- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services

Other Key Projects:

- City of Hallandale Beach - Collect Drainage and Gravity Sewers Rim and Invert Elevations
- City of Miami Polic Department
- City of Miami Beach Fire Station No. 1
- City of Riviera Beach Water Treatment Plant
- FDOT District 6 - Design Services for the Bridge Deck Replacement of the 117 Street and 116 Street Bridges intersecting with Overseas Highway
- Greater Miami Expressway - GMX System Wide Milling and Resurfacing Project
- Greater Miami Expressway - SR 836 SW Extension/Kendall Parkway - Project Development & Right-of-Way Survey
- Miami-Dade Water and Sewer Department - 20”-24” Water Transmission, Florida City, FL
- North Bay Village Fire Station and City Hall
- Bay Harbour Islands Town Hall
- Town of Cutler Bay - Marlin Road and Old Cutler Road Cutler Bay

LONGITUDE SURVEYORS



SAILY FERNANDEZ

Survey/GIS/SUE Analyst - Senior CADD Drafter

INDUSTRY TENURE
8 years

LONGITUDE TENURE
8 years

EDUCATION
IPUC Comandancia de la Plata, Cuba

Saily Fernandez is a Survey, GIS, and Subsurface Utility Engineering (SUE) Analyst with 8 years of experience. She combines field knowledge with strong CADD skills to produce accurate survey maps, utility models, and project deliverables. Proficient in AutoCAD Civil 3D and GIS, Saily ensures high-quality results through precise data integration and a detail-oriented approach.

Village of Key Biscayne Projects:

- Along Fernwood Road from West Mashta Drive to Harbor Drive (Street Lighting Project)

Continuing Contracts for Surveying, Mapping and Construction Surveying Services:

- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services

Other Key Projects:

- City of Hialeah - Roadway Improvements SE 4 Place to SE 7 Place from SE 6 Avenue to SE 8 Avenue
- City of Hialeah - Roadway Improvements SE 4-6 Avenue from Okeechobee Road to SE 4 Street
- City of Miami Beach - Fire Station No. 1 1045 Jefferson Avenue
- City of Riviera Beach - Riviera Beach Water Treatment Plant
- Greater Miami Expressway - System Wide Milling and Resurfacing Project
- Greater Miami Expressway - SR 112 Auxiliary Lanes - Planning and Engineering
- Indian Creek Village - Roadway Redevelopment Plan - Construction Phase
- Miami-Dade County Department of Transportation - East-West Corridor Rapid Transit (SMART Plan) Bus Rapid Transit (BRT) LPA Phase 1 and Phase 2
- Miami-Dade Water and Sewer Department - Pump Station 0137 located at just North of the Intersection of W. Mashta Drive and N. Mashta Drive, Key Biscayne, FL
- Town of Cutler Bay - Marlin Road and Old Cutler Road
- Town of Davie - Town of Davie Police Department 1230 South Nob Hill Roa
- Broward County - Project Design Services of Adaptive Traffic Control Systems and Fiber Optic Network
- City of Hallandale Beach - Topographic Survey of Roadways in Golden Isles

LONGITUDE SURVEYORS



LAURA TORRES

Survey/GIS/SUE Analyst - CADD Drafter

INDUSTRY TENURE
5 years

LONGITUDE TENURE
1 year

EDUCATION
BS Civil Engineer
University of Marta Abreu Las Villas, Santa Clara, Cuba

Laura Torres is a Survey, GIS, and Subsurface Utility Engineering (SUE) Analyst with one year of experience. She brings hands-on field expertise together with solid skills in CADD to develop precise survey maps, utility layouts, and project documentation. With a strong command of AutoCAD and GIS, Laura delivers dependable results by integrating data accurately and maintaining a sharp attention to detail.

Village of Key Biscayne Projects:

- Along Fernwood Road from West Mashta Drive to Harbor Drive (Street Lighting Project)

Other Key Projects:

- GMX System Wide Milling and Resurfacing Project
- City of Hialeah Roadway Improvements, SE 4-6 Avenue from Okeechobee Road to SE 4 Street
- City of Hialeah Roadway Improvements, SE 4 Place to SE 7 Place from SE 6 Avenue to SE 8 Avenue
- SR 968 / W. Flagler Street, Section 87053, Control and Topographic Survey FM: 453306-1, FDOT District 6
- Topographic Survey of Roadways in Golden Isles, City of Hallandale Beach
- Town of Cutler Bay - Marlin Road and Old Cutler Road
- Broward County - Project Design Services of Adaptive Traffic Control Systems and Fiber Optic Network
- City of Hallandale Beach - Topographic Survey of Roadways in Golden Isles
- Town of Cutler Bay - Marlin Road and Old Cutler Road
- FDOT Turnpike - Widen EB SR 528 Exit Ramp to John Young Parkway (MP 3) in Orange County
- Miami-Dade Department of Transportation and Public Works - NW 17TH Avenue Bridge Over Miami River Project Development and Environment Study
- City of Miami Beach - Dade Boulevard from Pump Station 10 to Jefferson Avenue
- City of Miami Beach - West Avenue Parking & Pump Station Lot
- Miami-Dade Conty Transportation Department - New Signalized Intersection at SW 37 Av & SW 29 St
- Multiple Segments of Roadways Adjacent to Several Schools within Tallahassee, FL
- North Bay Village ADA Sidewalk Improvements
- Miami Airport Hotel | Miami International Airport (MIA) NW 42nd Ave., Miami, FL
- Salmon Farm - SW 227 Avenue and SW 272 Street Miami, FL
- Miami-Dade Conty Transportation Department - South Dade Transit Operating Center

LONGITUDE SURVEYORS



MANUEL LORENZO

Field Operations Coordinator / UAS Drone Pilot

Manuel Lorenzo is a Field Operations Coordinator with extensive experience overseeing and managing fieldwork for surveying projects. In this role, he is responsible for coordinating field teams, ensuring precise and accurate data collection, and maintaining high standards of quality throughout the process. Manuel collaborates closely with project managers and researchers to ensure that field operations align with project objectives and deadlines. Additionally, he is a licensed UAS Drone pilot, bringing advanced aerial data collection capabilities to his work.

INDUSTRY TENURE
10 years

LONGITUDE TENURE
10 years

EDUCATION
High School Monsignor Edward Pace High School

REGISTRATIONS
Department of Transportation
Federal Aviation Administration
UAS Drone Pilot
Certificate No. 4931818

Village of Key Biscayne Projects:

- Rickenbacker Causeway - Comfort Station No.2 Sewer Connection
- Central District Waste Water Treatment Plant
- Pump Station 0137 located at just North of the Intersection of W. Mashta Drive and N. Mashta Drive
- Topographic Survey for Village of Key Biscayne K-8 School
- Pump Station 0132 located at approximately Ocean Drive and Crandon Boulevard and Harbor Plaza
- Topographic Survey Along Ridgewood Road, Glenridge Road, and West Enid Road in the Vicinity of Westwood Drive and West McIntyre Street Intersections
- Along Fernwood Road from West Mashta Drive to Harbor Drive
- (Street Lighting Project)
- Stormwater Master Plan - Outfalls

Continuing Contracts for Surveying, Mapping and Construction Surveying Services:

- City of Miami Beach - Citiwide Surveying and Mapping Services Contract No. 2019-016-KB
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E20-WASD-01A Agreement No. 21LSLLC001
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS01 Agreement No. 24LSLLC002
- Miami-Dade Water and Sewer Department - General Land and Engineering Surveying and Mapping Project No. E24WS02 Agreement No. 24LSLLC003
- Miami-Dade County Transportation Department - Land and Engineering Surveying, Aerial Photogrammetric Services, Underground Surveys, and Hydrographic Surveys ISD Project No. E24TP01
- Florida Department of Transportation District 6 - Districtwide Miscellaneous Location Survey Consultant (BDI) FM: 250686-3-32-02 / Contract No. CAE28
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- City of Coral Gables - Citiwide Surveying and Mapping Services
- City of Miami Gardens - Misc. Surveying Services Project No. 23-24-017
- City of Dania Beach - Professional Surveying and Mapping Services Project No. 24-016
- City of Oakland Park - Continuing Professional Consulting Services (CCNA) Project No. 100323

LONGITUDE SURVEYORS



ORACIO RICCOBONO, PE
Chief Geotechnical Engineer

Oracio Riccobono, PE has 37 years of experience in geotechnical engineering for numerous transportation projects including roadways, highways, railroads, marine, underground, and airport facilities. Experience includes interpretation of subsurface conditions, planning and execution of laboratory testing programs, geotechnical analysis and design of foundation elements of structures, management of geotechnical projects and preparation of numerous geotechnical reports providing conclusions and recommendations for numerous FDOT projects for Districts 1, 4, 5, 6, 7 and Turnpike as well as MDX as listed below.

INDUSTRY TENURE
37 years

GEOSOL TENURE
10 years

EDUCATION
MS in Business Administration, Florida International University (2000)

MS of Science in Civil Engineering, Geotechnical Specialization, Louisiana State University (1987)

BS of Science in Civil Engineering, Louisiana State University (1985)

REGISTRATIONS
Registered Professional Engineer, FL, 1995
(PE # 49324)

PROFESSIONAL AFFILIATIONS
American Society of Civil Engineers & Florida Engineering Society

SUMMARY OF CAPABILITIES
Shallow and Deep Foundation Design; Geotechnical Instrumentation; In-Situ Testing; Soil Surveys & Bridge; Geotechnical Studies; Pavement Design; Wave Equation Analysis; Slope Stability Evaluations; Foundation Inspections

Village of Key Biscayne Projects:

- Village of Key Biscayne Stormwater Program K-8 School Drainage Improvements Project

Other Key Projects:

- NW 25th St. W. Viaduct over SR 826, NW 82nd Ave. to SR 826, City of Doral, FDOT District 6
- Ludlam Trail Corridor PD&E Study, Miami-Dade County PROS
- SW 1st Street Bascule Bridge over the Miami River. FDOT District 6
- Golden Glades Multimodal Center Pedestrian Bridge Connecting to Parking Garage, Miami, FL, FDOT District 6
- SR 90/Tamiami Trail, Design-Build, 2.6-Mile Bridging, Miami, FL. FDOT District 6
- Districtwide Geotechnical & Materials Testing Contracts, From Monroe to Miami-Dade Counties, FDOT D6.
- Roadway Improvements on Various Locations Along SR-25/US-27, from MP 12.63 to 25.85, Palm Beach Co., FL, FDOT District 4,
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- Milling and Resurfacing of SR 93/I-75 from Sheridan Street to US-27, Bike/Sidewalk on SR 84 from Glades Parkway to Weston Road, and Auxiliary Lanes on SR 93/I-75 from Sheridan Street to Griffin Road, Broward County, FL, FDOT District 4
- Safety/Lighting Improvements, from SR-706 Interchange to Palm Beach/Martin Countyline, FL, FDOT District 4
- NW 25th Street W. Viaduct over SR 826, from NW 82nd Avenue to East of SR 826, FDOT District 6
- SR 836 and NW 87th Avenue Interchange, City of Doral, MDX Project No. 83629
- Pedestrian Bridge over I-95 at NW 151st Street, Miami, FL, FDOT District 6
- Pedestrian Bridge over SR 826 at Bird Road, Miami, FL, FDOT District 6
- Hard Rock Stadium/FDOT District 6 Pedestrian Bridges and Tunnels Design-Build. FDOT District 6
- Pedestrian Bridge over SR-5/US 1, Miami, FL, FDOT District 6
- SW 1st Street Bascule Bridge over the Miami river. FDOT District 6

GEOSOL, Inc.



ADNAN ISMAIL, PE
Senior Geotechnical Engineer

INDUSTRY TENURE
18 years

GEOSOL TENURE
years

EDUCATION
BS in Civil Engineering,
Florida International University
(2006)

MS in Civil Engineering, Florida International University
(2013)

REGISTRATIONS
Registered Professional Engineer in FL & TX
(FL PE # 76014; 2013)
(TX PE # 143698; 2022)

PROFESSIONAL AFFILIATIONS
American Society of Civil Engineers & Florida Engineering Society

SUMMARY OF CAPABILITIES
Shallow and Deep Foundation Design; Geotechnical Instrumentation; In-Situ Testing; Soil Surveys & Bridge; Geotechnical Studies; Pavement Design; Wave Equation Analysis; Slope Stability Evaluations; Foundation Inspections

Adnan Ismail, PE has 18 years of experience and has worked on numerous medium to large geotechnical engineering projects for the public sector, both, domestically and overseas. His expertise includes subsurface explorations, laboratory studies, geotechnical design, analyses and recommendations related to the design and construction of foundation elements of transportation projects, including many pedestrian and vehicular bridges for FDOT projects.

Village of Key Biscayne Projects:

- Village of Key Biscayne Stormwater Program K-8 School Drainage Improvements Project

Other Key Projects:

- NW 25th St. W. Viaduct over SR 826, NW 82nd Ave. to SR 826, City of Doral, FDOT District 6
- Ludlam Trail Corridor PD&E Study, Miami-Dade County PROS
- SW 1st Street Bascule Bridge over the Miami River. FDOT District 6
- Golden Glades Multimodal Center Pedestrian Bridge Connecting to Parking Garage, Miami, FL, FDOT District 6
- SR 90/Tamiami Trail, Design-Build, 2.6-Mile Bridging, Miami, FL. FDOT District 6
- Districtwide Geotechnical & Materials Testing Contracts, From Monroe to Miami-Dade Counties, FDOT D6.
- Roadway Improvements on Various Locations Along SR-25/US-27, from MP 12.63 to 25.85, Palm Beach Co., FL, FDOT District 4,
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- Milling and Resurfacing of SR 93/I-75 from Sheridan Street to US-27, Bike/Sidewalk on SR 84 from Glades Parkway to Weston Road, and Auxiliary Lanes on SR 93/I-75 from Sheridan Street to Griffin Road, Broward County, FL, FDOT District 4
- Safety/Lighting Improvements, from SR-706 Interchange to Palm Beach/Martin Countyline, FL, FDOT District 4
- NW 25th Street W. Viaduct over SR 826, from NW 82nd Avenue to East of SR 826, FDOT District 6
- SR 836 and NW 87th Avenue Interchange, City of Doral, MDX Project No. 83629
- Pedestrian Bridge over I-95 at NW 151st Street, Miami, FL, FDOT District 6
- Pedestrian Bridge over SR 826 at Bird Road, Miami, FL, FDOT District 6
- Hard Rock Stadium/FDOT District 6 Pedestrian Bridges and Tunnels Design-Build. FDOT District 6
- Pedestrian Bridge over SR-5/US 1, Miami, FL, FDOT District 6
- SW 1st Street Bascule Bridge over the Miami river. FDOT District 6

GEOSOL, Inc.



JUAN C. GONZALEZ, PE
Project Geotechnical Engineer

Juan C. Gonzalez, PE has 12 years of experience and has worked on numerous medium to large geotechnical engineering projects for the public sector, both, domestically and overseas. His expertise includes subsurface explorations, laboratory studies, geotechnical design, analyses and recommendations related to the design and construction of foundation elements of transportation projects, for many pedestrian and vehicular bridges in FDOT projects.

Village of Key Biscayne Projects:

- Village of Key Biscayne Stormwater Program K-8 School Drainage Improvements Project

Other Key Projects:

- NW 25th St. W. Viaduct over SR 826, NW 82nd Ave. to SR 826, City of Doral, FDOT District 6
- Ludlam Trail Corridor PD&E Study, Miami-Dade County PROS
- SW 1st Street Bascule Bridge over the Miami River. FDOT District 6
- Golden Glades Multimodal Center Pedestrian Bridge Connecting to Parking Garage, Miami, FL, FDOT District 6
- SR 90/Tamiami Trail, Design-Build, 2.6-Mile Bridging, Miami, FL. FDOT District 6
- Districtwide Geotechnical & Materials Testing Contracts, From Monroe to Miami-Dade Counties, FDOT D6.
- Roadway Improvements on Various Locations Along SR-25/US-27, from MP 12.63 to 25.85, Palm Beach Co., FL, FDOT District 4,
- Florida Department of Transportation District 6 - Construction Surveying Services FM: 250676-3-62-01 / Contract No. C-A434
- Milling and Resurfacing of SR 93/I-75 from Sheridan Street to US-27, Bike/Sidewalk on SR 84 from Glades Parkway to Weston Road, and Auxiliary Lanes on SR 93/I-75 from Sheridan Street to Griffin Road, Broward County, FL, FDOT District 4
- Safety/Lighting Improvements, from SR-706 Interchange to Palm Beach/Martin Countyline, FL, FDOT District 4
- NW 25th Street W. Viaduct over SR 826, from NW 82nd Avenue to East of SR 826, FDOT District 6
- SR 836 and NW 87th Avenue Interchange, City of Doral, MDX Project No. 83629
- Pedestrian Bridge over I-95 at NW 151st Street, Miami, FL, FDOT District 6
- Pedestrian Bridge over SR 826 at Bird Road, Miami, FL, FDOT District 6
- Hard Rock Stadium/FDOT District 6 Pedestrian Bridges and Tunnels Design-Build. FDOT District 6
- Pedestrian Bridge over SR-5/US 1, Miami, FL, FDOT District 6
- SW 1st Street Bascule Bridge over the Miami river. FDOT District 6

INDUSTRY TENURE
12 years

GEOSOL TENURE
10 years

EDUCATION
BS in Civil Engineering,
University of Puerto Rico
(2010)

MS in Civil Engineering,
University of Puerto Rico,
(2012)

REGISTRATIONS
Registered Professional Engineer,
FL, 2019
(Florida PE # 88803)

PROFESSIONAL AFFILIATIONS
American Society of Civil Engineers & Florida Engineering Society

SUMMARY OF CAPABILITIES
Shallow and Deep Foundation Design; Geotechnical Instrumentation; In-Situ Testing; Soil Surveys & Bridge; Geotechnical Studies; Pavement Design; Wave Equation Analysis; Slope Stability Evaluations; Foundation Inspections

GEOSOL, Inc.

d. Approach of Team Providing Services to the Village

Longitude Surveyors is committed to delivering precise, timely, and professional surveying services to the Village of Key Biscayne through a collaborative and client-focused approach. Our team understands the unique geographic, environmental, and regulatory conditions of the Village and brings extensive experience in municipal surveying projects throughout South Florida.

Our meeting approach and forms of Communication:

- **Biweekly Coordination Meetings:**
  Our team will hold biweekly meetings with Village staff either in person at the Village's offices or via virtual platforms such as Microsoft Teams. These meetings will cover progress updates, upcoming fieldwork, deliverable timelines, and any coordination or permitting needs. Meeting agendas and minutes will be prepared and shared for transparency and recordkeeping.

- **Weekly Email Updates:**
  A concise project status email will be sent weekly by the Village's assigned Project Manager, outlining completed tasks, ongoing work, and any issues requiring attention. These updates help ensure stakeholders are kept informed without needing to wait for formal meetings.

- **Field Reports & Daily Logs:**
  For active or ongoing fieldwork, our survey crew chiefs will maintain daily logs summarizing site activities, weather conditions, encountered obstacles, safety notes, and progress milestones. These can be submitted to the Village on a daily or weekly basis, depending on project intensity.

- **Cloud-Based File Sharing:**
  Longitude Surveyors can set up a shared folder using platforms such as Dropbox, Google Drive, or SharePoint. This allows Village staff secure, 24/7 access to project documents, survey data, maps, reports, and schedules. Folder structures can be customized for easy navigation and version control.

- **Phone & Text Communication:**
  For urgent matters or quick clarifications, your Project Manager and field supervisors are reachable via direct phone lines or text messaging. This ensures rapid response and flexibility, particularly when decisions need to be made in real time during field operations.

- **Emergency or After-Hours Contact:**
  For time-sensitive or construction-related tasks, we provide a secondary point of contact who is available after hours or on weekends if needed. This ensures continuous support for the Village in critical situations.

Field operations will be executed using the latest geospatial technologies, including GPS, robotic total stations, and 3D scanning equipment, to ensure accuracy and efficiency.

Our licensed surveyors and experienced technicians adhere to all applicable standards, including FDOT and Miami-Dade County specifications. Quality control is built into each stage of our workflow, from data collection through final deliverables.

3. Personnel Plan

a. Organizational Charts

LONGITUDE SURVEYORS

Eduardo M. Suarez, PSM
Project Manager / Principal

Giancarlo Sorana
Operations Manager

Darryl Hauser, PSM
QA/QC Manager

Brian T. Bellino, PSM
Senior Surveyor

Greg Bouie, PSM
Project Surveyor

SURVEY TECHNICIANS

Telva Morejon, CST, SIT
Sr. Survey Technician

Joseph Edwards, EIT, SIT
Survey Technician

Carlos Cuneo
Sr. Survey Technician

Jesse Ramon
Sr. Survey Technician

Roni Eniste
Survey Technician

SUBSURFACE UTILITY ENGINEERING (SUE)

John H. Adler, III, PSM
Senior Surveyor

Yoan Bulit
SUE Sr. Technician

Leonel Pacheco
SUE Technician

FIELD TEAM

Manuel Lorenzo
Field Team Leader

Adel Plasencia
Angel Fortun
Arian Martin
Dionne Lage
Ernesto Leyva
Javier Lorenzo
Jonathan Fernandez
Lazaro Diaz
Lester Rodriguez
Marlon Centeno
Miguel Bulit
Rafael Martin
Sergio Del Sol

BD/MARCOM TEAM

Luis Suarez
Business Development

Xiomara Rodriguez
Marketing Manager

John H. Adler, III, PSM
Senior Estimator

Giovanni Cueto
Estimator

ADMIN/ACCOUNTING

Kathyleen Garzon
Head of Accounting Department / Office Manager

Jose Jarquin
Accounting Assistant

Melissa Diaz
Administrative Assistant

ORGANIZATIONAL/STAFFING CHART

GEOSOL EMPLOYEES & ROLES

Oracio Riccobono, PE (Chief Geotechnical Engineer)
Adnan Ismail, PE (Senior Geotechnical Engineer)
Juan C. Gonzalez, PE (Senior Geotechnical Engineer)
Angel Noguerol, EI (Geotechnical Engineering Intern)
Jose A. Gonzalez (Senior Geotechnical Technician)
Roberlan Morales (Senior Geotechnical Technician)
Roberto Robles (Senior Geotechnical Technician)
Jose Naranjo (Geotechnical Technician)
Christian Hernandez (Geotechnical Technician)
Danka Villa (Geotechnical Technician)
Felix Gomex (Geotechnical Technician)
Yuniel Munoz(Geotechnical Technician)
Saverio Riccobono (Laboratory Technician)
Aurora Riccobono (Clerical, Secretary, CADD Technician)

GEOSOL, Inc.

Oracio Riccobono, PE
President
and Chief Geotechnical Engineer

Geotechnical Engineering Services
Oracio Riccobono, PE
TASK LEADER
Chief Geotechnical Engineer

- Adnan Ismail, PE, Senior Engineer
- Juan C. Gonzalez, PE, Project Engineer
- Angel Noguerol, EI, Engineering Intern

Subsurface Exploration & Pavement Coring Services
Jose A. Gonzalez
TASK LEADER
Subsurface Exploration Manager

- Jose A. Gonzalez, Senior Driller
- Roberlan Morales, Senior Driller
- Roberto Robles, Senior Driller
- Jose Naranjo, Geotechnical Technician
- Christian Hernandez, Geotechnical Technician
- Danka Villa, Geotechnical Technician
- Felix Gomez, Geotechnical Technician
- Yuniel Munoz, Geotechnical Technician

Laboratory Testing Services
Adnan Ismail, PE
TASK LEADER
Senior Engineer

- Juan C. Gonzalez,PE, Proj. Eng./Lab Testing
- Angel Noguerol, EI, Eng. Intern/Lab Testing
- Saverio Riccobono, Lab Testing Tech.

Driven Piles, Augercast Piles, Drilled Shaft Testing and Vibration Monitoring
Juan C. Gonzalez, PE - TASK LEADER
Senior Engineer

- Oracio Riccobono, PE, PDA Testing, WEAP, CAPWAP, PDCA PDA Cert.: **Advanced**
- Adnan Ismail, PE, CTQP Inspector -Piles & Shafts, PDCA PDA Cert.: **Advanced**
- Juan C. Gonzalez, PE, CTQP Inspector -Piles & Shafts, PDCA PDA Cert.: **Intermediate**
- Angel Noguerol, EI, CTQP Inspector -Piles & Shafts, PDCA PDA Cert.: Basic

b. c. & d. Staffing Data, Qualifications & Adjustment Process

Position	Daily Tasks	Weekly Tasks	Monthly Tasks
PRINCIPAL / PM	Review project progress and address urgent project or client issues. Provide technical oversight and guidance to project managers and survey teams. Communicate with the Village or client representatives as needed. Approve critical project decisions and priorities. Monitor quality control on urgent deliverables.	Lead project review meetings with the internal team and the Village. Review and approve key deliverables and reports. Monitor budget and schedule performance. Resolve high-level project or staffing challenges. Ensure compliance with Village of Key Biscayne standards and contractual obligations.	Conduct a full project status review and performance evaluation. Meet with Village officials to report progress and discuss upcoming work. Review and approve monthly invoices and financial reports. Assess team performance and adjust staffing or resources as needed. Identify opportunities for additional services or contract amendments.
SENIOR SURVEYORS	Review field crew assignments and provide technical guidance. Check incoming field data and resolve any discrepancies. Communicate with project managers on daily progress and challenges. Ensure field safety practices and quality standards are followed. Provide daily updates on critical issues or changes.	Review and approve field notes, sketches, and preliminary deliverables. Conduct site visits to monitor fieldwork quality and progress. Coordinate with CAD drafters and project managers on data integration. Participate in weekly project meetings and client updates. Identify and troubleshoot recurring technical or operational issues.	Conduct full project progress reviews with the team and client. Approve final survey deliverables and reports. Review and update survey procedures to maintain compliance with Village standards. Provide staff training or mentoring as needed. Evaluate equipment and resource needs for upcoming work.
SURVEY CREW LEAD	Oversee field crew operations and ensure accurate data collection. Review and verify field notes and sketches. Communicate daily progress and issues to the project manager.	Coordinate field schedules and adjust crew assignments as needed. Conduct equipment checks and maintenance. Review and resolve field data discrepancies with office staff.	Evaluate crew performance and provide training if needed. Ensure fieldwork aligns with project milestones and deadlines. Participate in project review meetings with the management team

Position	Daily Tasks	Weekly Tasks	Monthly Tasks
SURVEY TECHNICIANS	Review active project schedules and ensure field crews are assigned appropriately for Key Biscayne work. Coordinate with Village staff, engineers, and consultants to confirm scope, priorities, and any schedule changes. Monitor field crew progress and respond to real-time issues such as access limitations, data needs, or resident concerns. Ensure field data meets Village standards for accuracy, control, and completeness before passing to CADD staff. Update task tracking systems or logs for each active project assigned by the Village. Review emails, work orders, or service requests from the Village and provide timely responses or updates. Coordinate with the CADD team to prioritize drafting tasks and verify that drafting standards match Village specifications.	Hold coordination meetings with field crews and CADD staff to review active and upcoming Village projects. Communicate with Village of Key Biscayne staff to provide project updates, confirm deliverable timelines, and address any scope adjustments or concerns. Review and approve time sheets, field logs, and daily reports related to Village work for accuracy and completeness. Conduct QA/QC reviews on collected field data and preliminary drawings to ensure they meet Village standards. Coordinate with utility agencies or Village departments (e.g., Public Works) for permits, clearances, or utility designation requests. Update internal project tracking systems with status reports, percent complete, and labor hours for each active Village project.	Prepare and submit detailed progress reports to the Village, including completed tasks, deliverables, field activity summaries, and any project challenges or delays. Review all submitted survey deliverables (e.g., topographic surveys, right-of-way surveys, utility locates) to confirm compliance with Village standards and specifications. Lead internal review meetings to assess team performance, workflow efficiency, and data quality for the Village's projects. Coordinate with Village staff to review project priorities, adjust timelines, and plan for upcoming requests or task orders. Support the preparation of invoices by reviewing labor hours, deliverables, reimbursables, and backup documentation for all work performed that month.
CAD TECHNICIANS	Import and process field data to draft topographic, boundary, and utility surveys according to Village CAD standards. Coordinate with field crews and Project Managers to resolve data discrepancies and clarify survey notes. Ensure all drawings follow Village's specific title blocks, and digital file formatting requirements.	Draft and update survey base maps using field data and notes. Coordinate with survey managers and field crews to resolve data issues. Perform quality checks and prepare CAD files for weekly submittals.	Prepare final survey deliverables and as-built drawings for submission. Update and maintain CAD standards and templates for each project. Conduct a review of completed drawings for consistency and accuracy across all tasks.

Position	Daily Tasks	Weekly Tasks	Monthly Tasks
GEOTECHNICAL ENGINEER	Review ongoing field investigation activities and address technical questions. Monitor soil and materials testing progress and results. Communicate with field crews and lab technicians on data collection. Provide technical support to project managers and survey teams. Document daily site conditions or unexpected findings.	Analyze collected geotechnical data and prepare preliminary recommendations. Coordinate with the client and project team on site conditions and design input. Review lab test results and ensure data quality. Attend project meetings to report progress and technical issues. Update the project schedule and adjust fieldwork plans as needed.	Prepare and submit geotechnical reports with design recommendations. Review project performance, budgets, and resource needs. Meet with Village officials to present findings and address questions. Evaluate site conditions for upcoming phases of work. Update standard procedures and incorporate lessons learned from completed tasks.

STAFFING LEVELS AND BASIS

Staffing levels are based on project volume, turnaround timelines, and task durations for similar municipal clients in Miami-Dade County.

Standard staffing includes:

- 1 full-time Project Manager
- 1 full-time Survey Field Crew (2-3 members)
- 1 full time Survey Technician (2-3 members)
- 1 full-time CAD Technician (2-3 members)
- 3 full-time Geotechnical Engineers (via subconsultant)

STAFFING DETERMINATIONS & ADJUSTMENTS

Staffing levels for this contract will be determined based on the scope of work, project milestones, and the complexity of the tasks required. The project team will continuously assess workload and performance to ensure appropriate staffing throughout the contract.

Key factors in staffing determinations include:

- Size and type of survey/geotechnical task (e.g., topographic survey, boundary survey, boring program, lab testing).
- Project schedule and deadlines established by the Village.
- Technical complexity and specialized expertise required.
- Number of active work sites or simultaneous tasks.

Adjustment Process:

- Weekly progress meetings will be held to review workload, performance, and upcoming needs.
- Staffing adjustments (adding or reassigning personnel) will be made in consultation with the Project Manager and technical leads based on progress, unforeseen site conditions, or changes in scope.
- Resource sharing between surveying and geotechnical teams will be coordinated as necessary to meet peak

demands.
- Overtime or additional crews may be deployed to ensure adherence to critical deadlines.
- Regular communication with the Village will ensure transparency and proactive management of staffing changes.

ROLE AND RESPONSIBILITIES

Surveying Principal
Provides overall project leadership, ensures quality control, oversees client relations, and approves final deliverables.

Project Manager
Manages day-to-day operations, coordinates between teams, monitors schedule and budget, and serves as the main point of contact with the Village.

Survey Technicians
The Survey Technician is responsible for coordinating and monitoring field crew assignments, liaising with Village staff and consultants to confirm project scope and schedule changes, addressing real-time field issues, ensuring data accuracy and compliance with Village standards, updating project tracking systems, responding to Village communications, and collaborating with the CADD team to prioritize and verify drafting tasks according to Village specifications.

Surveying Field Crews
Performs field data collection, boundary and topographic surveys, construction staking, and provides accurate field notes.

CAD Technicians
Prepare and update survey drawings, process field data, ensure CAD standards compliance, and generate deliverables.

Geotechnical Engineers
Plan and oversee field investigations, analyze soil and material data, prepare geotechnical reports, and provide foundation and design recommendations.

TAB D

Subcontracting Plan

Subcontracting Plan

Per Addendum No. 1 released on May 01, 2025 Question No. 13 the Village stated that this Section was N/A.

TAB E
Proposal Approach

Proposal Approach

Longitude Surveyors proposes a comprehensive and proactive approach to providing surveying services for the Village of Key Biscayne, aligning with the Scope of Work outlined in Section 2 of the RFQ. Our implementation strategy emphasizes efficiency, quality, and innovation, ensuring all services are delivered accurately, timely, and in compliance with Village, local, state, and federal standards.

Eduardo M. Suarez, PSM will serve as the Project Manager for the Village of Key Biscayne under this contract, leading a team of licensed Professional Surveyors and Mappers (PSMs) experienced in municipal and public works projects to oversee all project phases. Our approach begins with a collaborative project kickoff meeting with Village staff to confirm project priorities, establish clear communication channels, and set scheduling expectations. Coordination with the Public Works Department will be maintained throughout to ensure seamless scheduling of field surveys and alignment with Village timelines.

Boundary & Property Surveys:
Boundary Surveys are performed with comprehensive deed research, record review, and field verification to ensure accurate establishment of property lines, rights-of-way, and easements. Certified boundary maps, legal descriptions, and documentation of encroachments or regulatory issues will be provided per Village requirements.

Topographic Surveys:
Longitude will deploy a combination of total stations, GNSS equipment, and UAV (drone) photogrammetry to collect precise elevation and feature data efficiently. The resulting topographic maps will identify utilities, drainage structures, and natural features, with Digital Terrain Models (DTM) and contour maps delivered in CAD and GIS-compatible formats for municipal use.

Construction Surveying:
Construction Surveying services will include layout and staking for infrastructure improvements, utilities, roads, and buildings, verifying horizontal and vertical control, and preparing certified as-built surveys to document completed work in compliance with design specifications.

Hydrographic and Floodplain Surveys:
Longitude will utilize hydrographic survey equipment (such as sonar and RTK-GNSS integration) to collect bathymetric data for canals, bays, and water bodies, supporting floodplain mapping and stormwater management efforts. We will determine base flood elevations and prepare floodplain maps following FEMA and NFIP guidelines.

Right-of-Way & Easement Surveys:
Our team will document existing and proposed corridors, prepare legal descriptions, and assist the Village in identifying encroachments or inconsistencies.

GIS & Digital Mapping Services:
Longitude will integrate all collected data into the Village's GIS system, develop and maintain geospatial databases for infrastructure assets, and provide digital deliverables compatible with the Village's CAD and GIS platforms.

Deliverables & Documentation:
All deliverables including certified survey maps and plats, legal descriptions, field notes, control reports, CAD files, GIS data, and supporting documentation will be submitted in accordance with Village standards and formats. Regular progress updates will be provided through status reports, project tracking logs, and scheduled coordination meetings.

Innovative Technology Solutions:

Longitude Surveyors is committed to employing innovative technologies to enhance data quality and project efficiency. Our approach includes:

- UAV (Drone) Mapping for rapid topographic data collection in large or inaccessible areas.
- 3D Laser Scanning for high-accuracy mapping of structures and complex sites.
- Real-time GPS/GNSS equipment to improve field productivity and positional accuracy.

By leveraging these technologies, we will reduce field time, improve data completeness, and deliver accurate, high-quality survey products that support the Village's infrastructure, floodplain management, and development needs.

We utilize state-of-the-art equipment, technological advances have given sophistication and promptness to our profession however, the roots of surveying stay unchanged. Longitude's office and field procedures remain true to basic surveying principles as we, every day, master the integration of conventional methods with most advanced geospatial data collection and mapping tools.

Equipment and Technology:

- Autodesk Civil3D 2020
- Autodesk Recap
- Bathymetric - Seafloor Hydrolite
- Bentley Open Road Design Connection
- Bentley Power Geopak
- Carlson Survey with Intellicad 2020
- Carlson SurvCE Data Collectors
- DJI Terra Software
- Drone Deploy
- Drone - DJI Matrice 300 RPK
- Electronic Level by Leica
- Faro 3D Scanner
- Faro 3D Scene Scanner Registration Software
- Global Mapper Pro - Mapping Software
- GPS Systems
- Leica Auto Level
- Leica Digital Level
- Leica GPS
- Leica Infinity Software
- Leica Scanner RTC 360
- Leica Total Station Instruments
- Lidar DJI L2 Zenmuse
- Lidar DJI P1 Zenmuse
- Microstation V8i
- Pix 4D
- RCV Surveying Boat
- Sokkia - Auto Level
- Stonex - S900A

Approach to Projects

The surveying services outlined in this request for qualifications encompass disciplines that Longitude has consistently delivered to municipalities and government entities across South Florida. With hundreds of similar projects completed for various government and municipal organizations, as well as major private, commercial, industrial, and institutional clients, we possess the local expertise necessary to execute all assignments under this continuing professional agreement with precision. This commitment ensures a uniquely positive experience for the Village of Key Biscayne.

OUR PROCESS:

Project Understanding and Planning:

- Initial meetings with Village officials to understand project requirements, objectives, and constraints.
- Detailed review of existing survey data, if available, to identify gaps and areas needing further investigation.
- Define project scope, deliverables, timelines, and budgetary considerations.

Field Surveying:

- Deployment of experienced survey teams equipped with state-of-the-art surveying instruments and technology.
- Conducting precise measurements and data collection using total stations, GPS/GNSS receivers, 3D laser scanners, drones, etc.
- Ensuring adherence to surveying standards and protocols established by relevant authorities.

Data Processing and Analysis:

- Processing raw survey data using specialized software for adjustment, georeferencing, and quality control.
- Integration of various data sources to create comprehensive datasets.
- Analyzing survey data to extract relevant information for decision-making and project planning.

Quality Assurance and Validation:

- Implementation of rigorous quality assurance procedures to validate survey data accuracy and completeness.
- Cross-referencing survey data with existing records and conducting field checks to identify discrepancies or anomalies.
- Longitude will use an iterative review process to ensure alignment with project requirements and standards.

Report Generation and Documentation:

- Preparation of detailed survey reports encompassing methodology, findings, conclusions, and recommendations.
- Clear presentation of survey results through maps, charts, graphs, and other visual aids.
- Documentation of survey procedures, data sources, and any limitations or assumptions made during the survey process.

Client Consultation and Presentation:

- Engagement with the Village stakeholders to present survey findings, address inquiries, and solicit feedback.
- Collaboration with relevant departments or agencies to incorporate survey results into infrastructure development, or regulatory processes.
- Provision of ongoing support and consultation as needed.

At Longitude Surveyors, we understand that continuing, task-driven service contracts require a team that can respond quickly and manage multiple assignments efficiently. These projects often have tight timelines, unique scopes, and demand flexible staff resources. Our team is built to handle exactly that.

Drawing on years of experience with similar municipal contracts, Longitude is equipped with the manpower, scheduling systems, and technical expertise to meet your needs. Whether the assignment is large or small, simple or complex, our staff is prepared to deliver timely and accurate results. This contract has our full attention, and we're committed to supporting the Village of Key Biscayne at every step.

Our goal is to provide responsive service, clear communication, and high-quality work delivered on schedule and within budget. We've structured our team to act as an extension of Village staff, minimizing disruption to daily operations. Health and Safety will always remain top priorities.

We recognize that no two survey projects are alike. Regardless of scope or complexity, our approach is guided by key principles:

- Establish clear lines of communication with the Village's Project Manager and remain available for consultation.
- Ensure effective coordination between all team members.
- Maintain a qualified, adequately staffed team.
- Clearly define scope, schedule, budget, and responsibilities from the outset.
- Comply with all applicable Federal, State, Municipal, and departmental standards.
- Execute all technical work with precision and accuracy.
- Implement a rigorous Quality Assurance/Quality Control (QA/QC) plan.
- Maintain detailed records of all technical and administrative documentation.

Longitude's experience on both small- and large-scale projects allows us to anticipate potential challenges and create realistic, achievable project timelines. We account for various influencing factors including weather to ensure steady progress.

PROJECT UNDERSTANDING AND TECHNICAL APPROACH

Every successful Longitude project starts by listening to our client. We align our work with your goals and implement efficient, proven systems to deliver cost-effective, timely results. Our process is built on a foundation of strong communication, technical accuracy, and compliance with all regulatory requirements.

Critical success factors for this contract include:

- Responsive and proactive team communication.
- Cost-conscious planning and execution.
- Frequent coordination meetings with Village staff.
- Thorough document preparation and internal review before submission.
- Constructability reviews during design.
- Continuous schedule and budget monitoring.
- Regular updates for project stakeholders.
- Strict adherence to our QA/QC plan.
- Early and ongoing coordination with utility agencies to avoid conflicts.
- Starting permitting processes early to align with final submittals.

SCHEDULING AND COST CONTROL

Longitude will develop a project specific schedule based on the approved scope of work and the Village's timeline for project development and implementation. Key milestones will be established, and time will be allocated for each task and phase to ensure clarity and accountability from the start.

Effective schedule control begins with setting a realistic, proactive timeline that includes built-in flexibility to expedite tasks when needed before issues arise, not after. From the outset of each assignment, Longitude will also create a master schedule with integrated project controls to guide the work from start to finish.

We emphasize strong schedule and cost management on every project through proper planning, continuous monitoring, and timely adjustments. Oversight is provided by experienced project staff, with coordination led by your dedicated Project Manager and support from Longitude's leadership team.

Thanks to our deep bench of resources and technical expertise, we are often able to complete tasks ahead of schedule while maintaining quality and accuracy. Clear, ongoing communication with Village staff ensures we stay aligned, anticipate potential delays, and quickly adapt as needed.

Longitude ensures schedule adherence through project management software that tracks deadlines, milestones, deliverables, and review points, while maintaining close communication with Village staff and coordinating efficiently across the project team to address issues early and manage staffing effectively.



SAFETY

At Longitude Surveyors, safety is our top priority in all surveying projects. We are committed to create a safe working environment for our team, clients, and the community. Our staff undergoes comprehensive training in safety protocols, including awareness of surroundings, equipment handling, and emergency procedures.

During our surveying projects, we prioritize the following:

Regular Safety Training:
Our crews receive ongoing training in OSHA standards, confined space operations, and traffic control measures to ensure compliance and best practices.

Community Consideration:
We work diligently to minimize disruptions to local traffic and pedestrian flow, implementing effective measures to protect public safety during operations.

Risk Assessment:
Each project begins with a thorough risk assessment to identify potential hazards and develop strategies to mitigate them.

By fostering a culture of safety and vigilance, we strive to ensure the well-being of our team, the public, and the integrity of each project.

PROJECT DOCUMENT CONTROL

Longitude has an established standard protocol for the management of project documentation. This protocol includes procedures for receiving, storing, transmitting, and tracking all project documents (technical and administrative).

Our Project Document Control procedures ensures the City that all the information related to this contract will be managed accordingly.

QA/QC PROCESS

Longitude's QA/QC Plan is a fundamental part of our project delivery approach. It ensures that all work products meet the highest standards of accuracy, consistency, and compliance with applicable regulations. The plan consists of two core components: the quality of personnel involved and the methodology used to review deliverables. Together, they form a structured, repeatable system that supports successful outcomes across all surveying tasks.

1. Quality Personnel
Longitude places a strong emphasis on assembling a team of experienced professionals who bring technical expertise and attention to detail to every stage of the project.

- Qualified personnel are assigned to each phase of the project, including fieldwork, data processing, and final QA/QC.
- Peer reviews are performed by senior staff who were not directly involved in the initial task to provide an objective perspective.
- Your Project Manager and QA/QC Manager jointly oversee the process to ensure all project standards and client expectations are met.
- Licensed Professional Surveyors and Mappers (PSMs) are actively involved in the oversight and review process.

2. Review Methodology and Deliverable Review
Longitude implements a detailed and methodical process to review every deliverable before submission.

- All survey data is checked for accuracy, completeness, and consistency with the scope of work.
- Deliverables undergo multiple levels of review, including in-house checks, cross-checking between field and office data, and final approval by senior staff.
- We use specialized software tools for precision checks, error detection, and data integrity validation.
- Final products are reviewed against current regulatory and technical standards at the municipal, state, and federal levels.
- A checklist-based system is used to verify that each deliverable meets format, accuracy, and submission requirements.

Geosol, Inc. (Geotechnical Engineer) Approach

Geosol, Inc. is prepared to deliver the geotechnical services outlined in Section 2 of the RFQ through a comprehensive, coordinated, and efficient approach tailored to meet the needs of the Village of Key Biscayne.

Our team of licensed professional engineers and experienced staff will ensure all services are performed in full compliance with the project scope, schedule, and applicable regulations.

We will begin by conducting a thorough site investigation, including:

- Site reconnaissance and review of existing geotechnical data
- Soil borings, test pits, and other subsurface explorations
- Laboratory testing in our certified facilities to determine critical soil and rock properties (grain size, moisture content, density, shear strength, and bearing capacity)
- Preparation of detailed boring logs and stratigraphic profiles to clearly illustrate subsurface conditions

Our engineers will analyze the collected data to develop practical recommendations for:

- Foundation design for buildings, retaining walls, and other structures
- Slope stability and earthwork
- Pavement design based on soil conditions and anticipated traffic loads
- Assessment of potential risks, including liquefaction, settlement, and excavation challenges
- Ground improvement techniques, if required

All findings will be communicated through a preliminary and final geotechnical report, accompanied by engineering drawings, design calculations, and supporting documentation.

Throughout construction, Geosol will provide ongoing support by:

- Monitoring foundation preparation and earthwork
- Conducting compaction testing to verify compliance with project specifications
- Evaluating groundwater conditions and recommending dewatering methods as needed
- Reviewing contractor submittals related to geotechnical aspects and offering timely technical guidance

To enhance efficiency and accuracy, we will employ innovative technology solutions, including digital data collection, GIS-based mapping, and real-time reporting tools. This integrated approach ensures seamless management of field and lab data, promotes collaboration, and facilitates faster, more informed decision-making for project stakeholders.

Geosol's methodology includes:

- Project initiation and review of all available data
- Identification and allocation of necessary resources
- Field reconnaissance to inform the scope of work and optimize field activities
- Cross-referencing our in-house geotechnical database for existing data within the project area, identifying opportunities for efficiencies

We will prepare a detailed Scope of Services for review and approval by the Design Project Manager, outlining the specific geotechnical services, anticipated schedule, and key project milestones. All services will comply with the latest Florida Department of Transportation (FDOT) Soils and Foundations Handbook (2025 edition), as well as Miami-Dade County Public Works standards, unless otherwise directed by the Owner.

All required materials testing will be conducted by certified laboratories and qualified personnel to ensure compliance with industry standards.

The geotechnical data will support analysis and design for:

- Pavement resurfacing and reconstruction
- Pavement type selection and subgrade preparation
- Treatment of unsuitable soils (e.g., organic or highly plastic soils)
- Determination of the Seasonal High Groundwater Table (SHGWT)
- Drainage improvements, dewatering requirements, and excavation recommendations

Our findings will be documented in a comprehensive Geotechnical Report, incorporated into the project's design and construction documents. Geosol's quality assurance and quality control (QA/QC) process aligned with FDOT's Plans Preparation Manual includes systematic quality checks, back-checking, verification, and internal peer reviews under the oversight of our Project Manager to ensure accuracy and compliance at every stage.

Upon completion, all deliverables will be submitted electronically to the Project Manager and Owner. Geosol is highly experienced in preparing electronic submittals, routinely providing this format for FDOT and municipal contracts, ensuring streamlined, compliant, and efficient delivery of all project documentation.











TAB G
Insurance

Insurance

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 12/09/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	**CONTACT NAME:** Daniel Martinez
Brown & Brown Insurance Services, Inc.	**PHONE (A/C, No, Ext):** (305) 714-4400 **FAX (A/C, No):** (305) 714-4401
8825 NW 21st Terrace	**E-MAIL ADDRESS:** Daniel.Martinez@bbrown.com
Doral FL 33172	

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A :	The Travelers Indemnity Company of Connecticut	25682
INSURER B :	The Travelers Indemnity Company of America	25666
INSURER C :	Travelers Property Casualty Company of America	25674
INSURER D :	Underwriters at Lloyd's of London	15792
INSURER E :	ACE American Insurance Company	22667
INSURER F :	Arch Specialty Insurance Company	21199

INSURED
Longitude Surveyors, LLC
7700 N. Kendal Drive, Suite 705
Miami FL 33156

COVERAGES **CERTIFICATE NUMBER:** 24-25 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:			6609M043072	11/20/2024	11/20/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 2,000,000 $ 1.000.000 $ 5.000 $ 2,000,000 $ 4,000,000 $ 4,000,000
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			BA1R860052	11/20/2024	11/20/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) Medical payments	$ 1,000,000 $ $ $ $ 2,000
C	[X] UMBRELLA LIAB [X] OCCUR EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [X] RETENTION $ 10,000			CUP9M043625	11/20/2024	11/20/2025	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) [ ] Y / N If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					[ ] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ $ $
D	Professional Liability Claims Made			TAE00016802	11/20/2024	11/20/2025	Aggregate Each Claim	$4,000,000 $2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Company E (Policy#SIHL1P243) Effective: 11/20/2024 - 11/20/2025 - Unmanned Aircraft Coverage $2,000,000 Unmanned Aircraft System Liability Hazard $2,000,000 Aviation Premises Liability Hazard $2,000,000 Each Occurrence
Company F (Policy#C4LWN128931CYBER2024) Effective 11/03/2024 - 11/03/2025 - Cyber Liability $1,000,000 Each Claim

CERTIFICATE HOLDER

Longitude Surveyors, LLC
7700 N. Kendall Drive
Suite 705
Miami FL 33156

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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ACORD 25 (2016/03) **The ACORD name and logo are registered marks of ACORD**

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 12/09/2024

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IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
AUTOMATIC DATA PROCESSING INSURANCE AGCY INC 1 ADP BLVD MS 625 ROSELAND, NJ 07068 (877) 677-0428	PHONE (A/C, No, Ext): (877) 677-0428	FAX (A/C, No): (877) 677-0430
	E-MAIL ADDRESS: spcbicadp@travelers.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : THE TRAVELERS INDEMNITY COMPANY OF AMERICA	25666
INSURED LONGITUDE SURVEYORS, LLC. 7700 N KENDALL DR STE 705 MIAMI, FL 33156	INSURER B :	
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** 634449116351443 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	☐ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR ☐ _____ ☐ _____ GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC ☐ OTHER:						EACH OCCURRENCE	$
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
							GENERAL AGGREGATE	$
							PRODUCTS - COMP/OP AGG	$
								$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY ☐ ☐						COMBINED SINGLE LIMIT (Ea accident)	$
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTION $						EACH OCCURRENCE	$
							AGGREGATE	$
								$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		UB-7N926225-24	11/22/2024	11/22/2025	X PER STATUTE ☐ OTH-ER	
							E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

LONGITUDE SURVEYORS, LLC
7700 N KENDALL DRIVE SUITE 705
MIAMI, FL 33156

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Renan M. Beltran

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ACORD 25 (2016/03) **The ACORD name and logo are registered marks of ACORD**

Additional Information

Licenses and Certificates

Licenses and Certificates

State of Florida
Department of State

I certify from the records of this office that LONGITUDE SURVEYORS, LLC is a limited liability company organized under the laws of the State of Florida, filed on March 12, 2004.

The document number of this limited liability company is L04000019574.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on January 6, 2025, and that its status is active.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Sixth day of January, 2025



Secretary of State

Tracking Number: 0971349537CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

January 30, 2025

LONGITUDE SURVEYORS, LLC
7700 N KENDALL DR STE 705
MIAMI, FL 33156-7591

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB7335

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2027.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB7335**
Expiration Date February 28, 2027

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

LONGITUDE SURVEYORS, LLC
7700 N KENDALL DR STE 705
MIAMI, FL 33156-7591

WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

MIAMI-DADE COUNTY
Daniella Levine Cava, Mayor

Office of Small Business Development
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111 F 305-375-3160
miamidade.gov

January 23, 2025

Eduardo Suarez
LONGITUDE SURVEYORS, LLC
7700 N. Kendall Drive, Suite 705
Miami, FL 33156

Approval Date: November 30, 2024 Small Business Enterprise - Architectural & Engineering (SBE-A&E)
Expiration Date: November 30, 2027

Dear Eduardo Suarez,

Miami-Dade County Office of Small Business Development (SBD), has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise. The Small Business Enterprise (SBE) programs are governed by Sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes. This Small Business Enterprise - Architectural & Engineering (SBE-A&E) certification is valid for three (3) years. However, to validate continuing eligibility, SBD may conduct random audit(s) within the three (3) year certification period. **Failure to provide required documentation for a random audit will initiate the decertification process.**

At the time of expiration, your firm will submit a Re-certification Application at least one hundred and eighty (180) days, but not less than, ninety (90) days, prior to the end of the three (3) year certification term via the County's web-based system, Business Management Workforce System (BMWS). This will ensure sufficient time for process by SBD. **Failure to provide the re-certification application and required supporting documentation will initiate the decertification process.**

If at any time there is a material or business structure change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliations(s) with other businesses or the physical location of the firm, you must notify this office within thirty (30) calendar days of the effective date of the change(s) via the BMWS. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. **Failure to notify SBD of any changes may result in immediate action to decertify the firm.**

This letter will be the only approval notification issued for the duration of your firm's three-year certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code. Your firm's name and tier level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: https://www.miamidade.gov/global/business/smallbusiness/home.page. The categories as listed below affords you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a bidder with Miami-Dade County. To register, you may visit: https://www.miamidade.gov/global/business/procurement/home.page. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at sbdcert@miamidade.gov.

Sincerely,

Jeanise Cummings-Labossiere
Section Chief, Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

MIAMI-DADE COUNTY
Daniella Levine Cava, Mayor

Office of Small Business Development
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111 F 305-375-3160
miamidade.gov

September 27, 2024

Eduardo Suarez
LONGITUDE SURVEYORS, LLC
7700 N. Kendall Drive, Suite 705
Miami, FL 33156

Approval Date: September 27, 2024 - Disadvantaged Business Enterprise (DBE)
Anniversary Date: November 30, 2025

Dear Eduardo Suarez,

Miami-Dade County Office of Small Business Development (SBD), is pleased to notify you that your firm is certified under the Florida Unified Certification Program (UCP). Your firm meets the eligibility requirements for certification as a Disadvantaged Business Enterprise (DBE) in accordance with 49 CFR Part 26.

DBE certification is continuous with no expiration date; however, firms are required to attest that there are no changes via the No Change Declaration form on or before the firm's anniversary date to remain certified. You will be notified of your annual responsibilities in advance of the Anniversary Date listed above. You must submit the annual No Change Declaration form no later than the Anniversary Date to maintain your eligibility. Your firm will be listed in the UCP DBE Directory which can be accessed through the Florida Department of Transportation's website: http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/.

DBE certification is NOT a guarantee of work, but it enables the firm to compete for and perform contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, sub-consultant or material supplier.

If at any time there is a material change in your firm, you must advise this office by sworn affidavit and supporting documentation within thirty (30) days. Changes include, but are not limited to ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going business relationships with other firms, individuals or the physical location of your firm. After our review, you will receive instructions as to how you should proceed, if necessary. Failure to comply will result in action to remove your firm's DBE certification.

It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: http://www.miamidade.gov/procurement/vendor-registration.asp. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or sbdcert@miamidade.gov.

Sincerely,

Jeanise Cummings-Labossiere
Section Chief, Small Business Development

NAICS & Industry Title: (Your firm is eligible to compete for and perform work on all USDOT Federal Aid projects throughout Florida and may earn DBE or ACDBE credit for work performed in the following areas.)

NAICS 541370: SURVEYING AND MAPPING SERVICES (EXCEPT GEOPHYSICAL)

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 12, 2024

Eduardo Suarez, President
LONGITUDE SURVEYORS, LLC
7700 North Kendall Drive, Suite 705
Miami, Florida 33156

Dear Mr. Suarez:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

8.1	Control Surveying
8.2	Design, Right of Way & Construction Surveying
8.4	Right of Way Mapping

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2025, for contracting purposes.

Approved Rates

Home Overhead	Facilities Capital Cost of Money	Premium Overtime	Home Direct Expense
128.12%	1.019%	Reimbursed	12.19%

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services Qualification Administrator

State of Florida

Minority Business Certification

Longitude Surveyors, LLC

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

07/30/2024 to 07/30/2026

Pedro Allende
Florida Department of Management Services

FLORIDA DEPARTMENT OF MANAGEMENT SERVICES
SUPPLIER DEVELOPMENT

Office of Supplier Development
4050 Esplanade Way, Suite 380
Tallahassee, Florida 32399
850-487-0915
www.dms.myflorida.com/osd

Addendums

Acknowledgement of Addendums

Addendums

Longitude Surveyors acknowledges receipt of Addendum No. 1 dated May 1, 2025.



Photo by Captain Kimo

LONGITUDE SURVEYORS

Headquarters
Miami-Dade County

7700 North Kendall Drive
Suite 705
Miami, FL 33156

Broward County

800 West Cypress Creek Road
Suite 340
Ft. Lauderdale, FL 33309

Monroe County

Ocean Reef
1 Barracuda Lane
2nd Floor
Key Largo, FL 33307

Longitude Surveyors LLC - Hourly Rate Billing Schedule	
Survey and Mapping Services	**Hourly Rate**
Principal-in-Charge	$ 195.00
Project Manager	$ 150.00
Project Surveyor & Mapper	$ 136.80
Survey & Mapping Computer Technician	$ 115.00
GIS Analyst	$ 108.30
GIS Technician	$ 79.80
Survey Field Coordinator / Supervisor	$ 100.80
Survey Crew Chief	$ 70.00
Survey Crew Instrument Person	$ 60.00
Survey Crew Rod Person	$ 45.00
Survey Crew (Party of Two) Conventional	$ 150.00
Survey Crew (Party of Three) Conventional	$ 175.00
Survey Crew (Party of Four) Conventional	$ 210.00
Survey Crew (Party of Two) Conventional & GPS	$ 190.00
Survey Crew (Party of Three) Conventional & GPS	$ 210.00
Survey Crew (Party of Four) Conventional & GPS	$ 250.00
Survey Crew (Party of Two) Conventional & GPS & HD Scan	$ 225.00
Survey Crew (Party of Three) Conventional & GPS & HD Scan	$ 250.00
Survey Crew (Party of Four) Conventional & GPS & HD Scan	$ 275.00
Underground Services	**Hourly Rate**
Designating Services - 3 Men Crew - per Hour	$ 346.89
Ground Oenetrading Radar - 3 Men Crew	$ 365.00
VAC Truck (Test Holes) - 3 Men Crew	$ 252.00

Standard Items and Item Descriptions for Geotechnical and Materials firms - For Geosol, Inc.

Item #	Item Description	Unit	Unit Price
212	Asphalt Pvmnt Coring - 6in dia without Base Depth Check	Each	$ 149.52
305	Concrete Pavement Coring - 4in Dia	Each	$ 160.00
306	Concrete Pavement Coring - 6in Dia	Each	$ 250.00
401	Geo Auger Borings-H& & Truck/Mud Bug	LF	$ 12.10
413	Geo Crosshole Sonic Logging (CSL)*	Day	$ 200.00
415	Geo Double Ring Infiltration ASTM D3385	Each	$ 570.00
418	Geo Drill Crew Support Vehicle	Day	$ 225.00
421	Geo Dynamic Pile Testing/Pile Driving Analyzer*	Day	$ 600.00
422	Geo Extra SPT Samples-Barge/Track/Amphib 0-50 Ft	Each	$ 62.00
423	Geo Extra SPT Samples-Barge/Track/Amphib 50-100 Ft	Each	$ 71.50
424	Geo Extra SPT Samples-Barge/Track/Amphib 100-150 Ft	Each	$ 84.70
427	Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	Each	$ 53.30
428	Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	Each	$ 61.30
429	Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	$ 71.80
432	Geo Field Perm 0-10 Ft Open-End Borehole Method	Each	$ 420.00
433	Geo Field Perm 10-25Ft Open-End Borehole Method	Each	$ 550.00
435	Geo Grout Boreholes- Barge/Track/Amphib 0-50 Ft	LF	$ 9.50
436	Geo Grout Boreholes- Barge/Track/Amphib 50-100 Ft	LF	$ 11.40
437	Geo Grout Boreholes- Barge/Track/Amphib 100-150 Ft	LF	$ 13.80
440	Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	LF	$ 7.30
441	Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	LF	$ 8.70
442	Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	$ 10.30
445	Geo Grouted Monitor Well 2in 0-50 Ft	LF	$ 44.60
450	Geo Piezometer 2in 0-50 Ft	LF	$ 46.20
451	Geo Pile Integrity Testing*	Day	$ 193.00
452	Geo Rock Coring Brg/Track/Amph 0-50 Ft 4in ID & over	LF	$ 83.00
454	GeoRocCoring Brg/Track/Amph 50-100 Ft 4in ID & over	LF	$ 95.00
456	GeoRocCoring Brg/Track/Amph 100-150 Ft 4in ID & over	LF	$ 106.70
462	Geo Rock Coring Truck/Mud Bug 0-50 Ft 4in ID & over	LF	$ 62.75
464	Geo Rock Coring Truck/Mud Bug 50-100 Ft 4in ID over	LF	$ 72.50
466	GeoRocCoring Truck/MudBug 100-150 Ft 4in ID & over	LF	$ 82.00
472	Geo Saximeter Testing	Hour	$ 183.75
473	Geo SPT Barge/Track/Amphib 0-50 Ft	LF	$ 25.20
474	Geo SPT Barge/Track/Amphib 50-100 Ft	LF	$ 31.75
475	Geo SPT Barge/Track/Amphib 100-150 Ft	LF	$ 51.00
478	Geo SPT Truck/Mud Bug 0-50 Ft	LF	$ 17.75
479	Geo SPT Truck/Mud Bug 50-100 Ft	LF	$ 20.50
480	Geo SPT Truck/Mud Bug 100-150 Ft	LF	$ 30.50
483	Geo Temp Casing 3in Barge/Track/Amphib 0-50 Ft	LF	$ 14.04
484	Geo Temp Casing 3in Barge/Track/Amphib 50-100 Ft	LF	$ 16.56
485	Geo Temp Casing 3in Barge/Track/Amphib 100-150 Ft	LF	$ 20.00
488	Geo Temp Casing 3in Truck/Mud Bug 0-50 Ft	LF	$ 9.79
489	Geo Temp Casing 3in Truck/Mud Bug 50-100 Ft	LF	$ 10.85
490	Geo Temp Casing 3in Truck/Mud Bug 100-150 Ft	LF	$ 12.80
493	Geo Temp Casing 4in Barge/Track/Amphib 0-50 Ft	LF	$ 19.00
494	Geo Temp Casing 4in Barge/Track/Amphib 50-100 Ft	LF	$ 23.00
495	Geo Temp Casing 4in Barge/Track/Amphib 100-150 Ft	LF	$ 30.00
498	Geo Temp Casing 4in Truck/Mud Bug 0-50 Ft	LF	$ 14.00
499	Geo Temp Casing 4in Truck/Mud Bug 50-100 Ft	LF	$ 16.00
500	Geo Temp Casing 4in Truck/Mud Bug 100-150 Ft	LF	$ 19.00
513	Geo Thermal Integrity Tester (TI)*	Day	$ 375.00
514	Geo Truck/Mud Bug Mobil (30 miles straightline distance)	Each	$ 577.50
515	Geo Undisturbed Samples Barge/Track/Amphib 0-50 Ft	Each	$ 218.75
516	Geo Undisturbed Samples Barge/Track/Amphib 50-100Ft	Each	$ 258.44
517	Geo Undisturbed Samples Brg/Track/Amph 100-150 Ft	Each	$ 273.23
519	Geo Undisturbed Samples Truck/Mud Bug 0-50 Ft	Each	$ 164.80
520	Geo Undisturbed Samples Truck/Mud Bug 50-100 Ft	Each	$ 198.00
521	Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	$ 221.20

Standard Items and Item Descriptions for Geotechnical and Materials firms - For Geosol, Inc.

Item #	Item Description	Unit	Unit Price
523	Geo Noise Monitoring*	Day	$ 100.00
524	Geo Vibration Monitoring*	Day	$ 100.00
525	Geo Well Development	Hour	$ 195.00
600	Mobilization - Crosshole Sonic Logging (CSL) Equipment	Each	$ 472.50
602	Mobilization - Vibration Monitoring Equipment	Each	$ 262.50
605	Mob Barge Small w/o Crane (permit not required)	Each	$ 9,600.00
610	Mobilization Drill Rig Track Mount	Each	$ 2,325.00
612	Mobilization Drill Rig Truck Mount	Each	$ 545.00
614	Mobilization Mudbug/All Terrain Vehicle	Each	$ 1,375.00
618	Mobilization Support Boat	Each	$ 670.00
619	Mobilization Tri-Pod	Each	$ 865.00
700	MOT Arrow Board	Each	$ 49.82
701	MOT Attenuator Truck	Hour	$ 190.00
702	MOT Channelizing Devices - Type I, II, VP, Drum (each)	Each	$ 3.50
704	MOT Portable Changeable Message Sign (PCMS)	Each	$ 204.00
706	MOT Portable Sign	Each	$ 36.75
708	MOT Provide Channelizing Devices - Cone	Each	$ 2.80
712	MOT Support Vehicle	Hour	$ 68.00
805	Soils Corrosion Series FM 5-550 through 5-553	Test	$ 186.20
809	Soils Hydrometer Only AASHTO T88	Test	$ 140.00
810	Soils Limerock Bearing Ratio (LBR) FM 5-515	Test	$ 396.51
811	Soils Liquid Limit AASHTO T89	Test	$ 70.00
812	Soils Materials Finer than 200 Sieve FM 1-T011	Test	$ 50.00
817	Soils Moisture Content Laboratory AASHTO T265	Test	$ 19.60
819	Soils Organic Content Ignition FM 1 T-267	Test	$ 52.40
822	Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	Test	$ 74.80
826	Soils Plastic Limit & Plasticity Index AASHTO T90	Test	$ 69.00
831	Soils Specific Gravity AASHTO T100	Test	$ 75.00
832	Soils Split Tensile Strgth of Rock Cores ASTM D3967	Test	$ 153.00
838	Soils Unconfined Compression - Rock ASTM D7012, Method C	Test	$ 153.00
N/A	MAT Chief Engineer Home	Hour	$ 270.00
N/A	MAT Senior Engineer Home	Hour	$ 190.00
N/A	MAT Engineer Home	Hour	$ 165.00
N/A	MAT Engineer Intern Home	Hour	$ 115.00
N/A	MAT Senior Engineering Technician Home	Hour	$ 140.00
N/A	MAT CADD/Computer Technician Home	Hour	$ 100.00
N/A	MAT Secretary/Clerical Home	Hour	$ 75.00

*Pay items with a rate in the "Approved Rate" column have been supported by a CO Procurement Office detailed review and analysis of actual costs. The "Approved Rate" shall be used on all contracts that require the asterisked pay items.

The above-referenced rates are rates charged to both private and public sector clients.
Should you have any questions or require any additional information please feel free to call me.

Very truly yours,
GEOSOL, Inc.



Oracio Riccobono, P.E.
Chief Geotechnical Engineer
President

5795-A N.W.151st Street
Miami Lakes, FL 33014
Phone (305) 828-4367
Fax (305) 828-4235
E-mail: geosolusa@bellsouth.net



VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19th, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: HVAC Maintenance and Repair Services Contract

RECOMMENDATION

Recommend the Village Council authorize the Village Manager to enter into an agreement with Con-Mech Inc. for Village-wide HVAC maintenance, emergency repair, and replacement services.

DISCUSSION

Purpose: This item provides the Village with comprehensive HVAC support, including scheduled maintenance, emergency repairs, and full system replacements. The contract structure addresses both daily operational needs and long-term capital planning goals.

Background: As part of our facilities operations, Village HVAC systems require regular servicing and prompt repairs to avoid disruptions in essential services. A solicitation was issued for these services, and Con-Mech Inc. was identified as the most responsive and qualified proposer. Their experience in municipal HVAC support and competitive pricing make them a practical and reliable choice.

Justification: Con-Mech Inc. was selected based on their extensive experience with public-sector HVAC services, their ability to respond quickly to emergency calls, and the overall value of their proposal.

- Competitive pricing across maintenance and labor categories
- Capability to handle both scheduled and emergency service needs
- Strong references and performance history in similar municipal contracts

Alternative vendors were reviewed, but Con-Mech's proposal provided the best balance of service level and cost. Their structure also allows the Village to manage costs across both operating and capital budgets.

Implementation/Integration Plan: The contract will begin upon Council approval. Routine maintenance will follow a set schedule coordinated by the Public Works Department. Emergency services will be available on-call. Capital replacements will be planned and scheduled through the CIP as funding becomes available.

RESOURCE IMPACT

Recurring Funding: Routine maintenance and emergency response services will be funded through the Facilities Division's operational budget, with an annual allocation of $85,000. Capital HVAC replacements will be funded separately through the Capital Improvements Program (CIP), with a current allocation of $250,000 designated for this purpose.

Personnel: No new personnel required; contract will supplement current internal oversight.

Equipment: No new Village equipment required.

Facilities: All facilities

FUNDING SOURCES

- **GL Code**: 001-41-541-46007-000001, 001-41-541-46007-000002, 001-41-541-46007-000003
- **Budget Line-Item**: HVAC Maintenance / Capital Projects
- **Amount**: Varies by task and scope of services
- **Maintenance & Repair:** Covered by Facilities operating budget
- **Replacement Units:** Funded through Capital Improvements Program

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

Supports the Village's Strategic Focus Areas of Resilient Infrastructure, Operational Excellence, and Proactive Asset Management. This contract ensures the continued functionality of HVAC systems throughout municipal facilities, minimizing service disruptions and extending the useful life of critical assets.

Work associated with this contract will be tracked through the Village's CityWorks asset management system, allowing for greater transparency, accountability, and data-driven decision-making. By logging all work orders, labor hours, and associated costs, the Village can better monitor system performance, manage expenditures, and plan future capital investments in alignment with long-term infrastructure goals.

ATTACHMENT(S)

- Bid Tabulation Summary
- Con-Mech Proposal

Prepared by: Christopher Miranda, Public Works Director

Reviewed by: Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING CON-MECH INC. FOR HVAC REPLACEMENT, REPAIR, AND MAINTENANCE SERVICES PURSUANT TO INVITATION TO BID (ITB) NO. 2025-05; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on March 25, 2025, the Village of Key Biscayne (the "Village") issued Invitation to Bid No. 2025-05 (the "ITB") seeking bids from qualified firms for HVAC replacement, repair, and maintenance services on an as-needed basis (the "Services"); and

WHEREAS, eight sealed bids were received by the ITB deadline; and

WHEREAS, after review and consideration of the bids submitted in response to the ITB, the Village Manager recommends that the Village Council select Con-Mech Inc. (the "Contractor") to provide the Services; and

WHEREAS, the Village Council desires to select the Contractor to perform the Services, and authorize the Village Manager to negotiate and execute an agreement (the "Agreement") with the Contractor for the Services in substantially the form attached hereto as Exhibit "A"; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. Selection. That the Village Council hereby selects the Contractor for the provision of the Services.

Section 3. **Authorization.** That the Village Council hereby authorizes the Village Manager to negotiate and execute the Agreement with the Contractor for the Services, in substantially the form attached hereto as Exhibit "A," subject to the final approval of the Village Attorney as to form, content, and legal sufficiency.

Section 4. **Implementation.** That the Village Manager and Village Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and provisions of this Resolution.

Section 5. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

PROFESSIONAL SERVICES AGREEMENT

BETWEEN

THE VILLAGE OF KEY BISCAYNE

AND

CON-MECH INC.

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **CON-MECH INC.**, a Florida profit corporation (hereinafter, the "Contractor").

WHEREAS, the Village desires to retain a contract that is capable of providing HVAC replacement, repair, and maintenance services on an as-needed basis (the "Services"), all as set forth in greater detail in the Scope of Services, including Appendix A and B to the scope, attached hereto as Exhibit "A"; and

WHEREAS, the Contractor will perform services on behalf of the Village, all as further set forth in the Proposal, attached hereto as Exhibit "B"; and

WHEREAS, compensation for the Services provided by the Contractor on an as-needed basis for the Village shall be in accordance with the Rate Schedule attached hereto as Exhibit "C"; and

WHEREAS, the Village desires to engage the Contractor to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Contractor and the Village agree as follows:

1. **Scope of Services.**

1.1. Services. Contractor shall provide the Services in accordance with the Scope of Services and the Contractor's Proposal attached hereto as Exhibits "A" and "B," respectively, for various projects required by the Village (each a "Project"), as requested by the Village and detailed in a "Statement of Work" which the Village will provide to the Contractor when engaging the Contractor to work on a specific Project.

1.2. Statement of Work. Prior to commencement of work on a specific Project, the Contractor will provide the Village with a fixed lump sum cost for the Services set forth in the Statement of Work calculated using the rates set forth on the Rate Schedule attached hereto as Exhibit "C." If the Village approves the fixed lump sum cost for the Project, the Village will provide the Contractor with a Notice to Proceed to perform the Services set forth in the Statement of Work. Contractor acknowledges that it shall not undertake to perform any Services on any Project until it has received from the Village the Notice to Proceed on such Project.

1.3. Bonds. Prior to performing any Services for each Project, the Contractor shall deliver to Village the Bonds required to be provided by Contractor hereunder (the bonds referenced in this Section are collectively referred to herein as the "Bonds"). Pursuant to and in accordance with Section 255.05, Florida Statutes, the Contractor shall obtain and thereafter at all times during the performance of the Services maintain a separate performance bond and labor and material payment bond for the Services, each in an amount equal to one hundred percent (100%) of the work order proposal approved for the Project and each in the form provided herein as Exhibit "D" or in other form satisfactory to and approved in writing by Village and executed by a surety of recognized standing with a rating of B plus or better for bonds up to Two Million Dollars. The surety providing such Bonds must be licensed, authorized and admitted to do business in the State of Florida and must be listed in the Federal Register (Dept. of Treasury, Circular 570). The cost of the premiums for such Bonds shall be included in the work order proposal for each Project. If notice of any change affecting the scope of the Services for each Project is required by the provisions of any bond to be given to a surety, the giving of any such notice shall be Contractor's sole responsibility, and the amount of each applicable bond shall be adjusted accordingly. If the surety is declared bankrupt or becomes insolvent or its right to do business in Florida is terminated or it ceases to meet applicable law or regulations, the Contractor shall, within five (5) days of any such event, substitute another bond (or Bonds as applicable) and surety, all of which must be satisfactory to Village.

The Village may waive the bond requirements provided herein for individual Projects if the cost of the Project is exempt from payment and performance bond requirements pursuant to Section 255.20, Florida Statutes.

1.4. Contractor shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. <u>Term/Commencement Date</u>.

2.1. The term of this Agreement shall be from the Effective Date through one year thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for four additional one year periods on the same terms as set forth herein upon written notice to the Contractor.

2.2. Contractor agrees that time is of the essence and Contractor shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. <u>Compensation and Payment</u>.

3.1. Compensation for the Services provided by the Contractor shall be in accordance with the approved fixed lump sum set forth in the Statement of Work and/or the Notice to Proceed for such Project, which shall be based on the Rate Schedule attached hereto as Exhibit "C."

3.2. Contractor shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Contractor under this Agreement. Fees shall be paid in arrears each month, pursuant to Contractor's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Contractor

in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Contractor;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Contractor shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Contractor may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village, and provide criteria requested by Contractor to assist Contractor in performing the Services.

5.2. Upon Contractor's request, Village shall reasonably cooperate in arranging access to public information that may be required for Contractor to perform the Services.

6. Contractor's Responsibilities; Representations and Warranties.

6.1. The Contractor shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Contractor's Deliverables

or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Contractor shall at Contractor's sole expense, immediately correct its Deliverables or Services.

6.2. The Contractor hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Contractor further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Contractor represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Contractor have been duly authorized, and this Agreement is binding on Contractor and enforceable against Contractor in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Contractor shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Contractor, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Contractor shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Contractor shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Contractor has first complied with the provisions of Paragraph 8.4.

8.4. The Contractor shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Contractor shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees,

agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Contractor's insurance and shall not contribute to the Contractor's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Contractor. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Contractor shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Contractor shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. Additional Insured. Except with respect to Professional Liability Insurance and Worker's Compensation Insurance**,** the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Contractor in performance of this Agreement. The Contractor's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Contractor's insurance. The Contractor's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. Deductibles. All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Contractor shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. Nondiscrimination. During the term of this Agreement, Contractor shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. Attorneys Fees and Waiver of Jury Trial.

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. Indemnification.

12.1. Contractor shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Contractor's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Contractor and third parties made pursuant to this Agreement. Contractor shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Contractor's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third

parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Contractor acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Contractor during the term of this Agreement ("Work Product") belong to the Village. Contractor shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Contractor agrees to keep and maintain public records in Contractor's possession or control in connection with Contractor's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Contractor involving transactions related to this Agreement. Contractor additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Contractor shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Contractor shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Contractor shall be delivered by the Contractor to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Contractor shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Contractor shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Contractor shall be withheld until all records are received as provided herein.

16.7. Contractor's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records:	**Jocelyn B. Koch**
Mailing address:	**88 West McIntyre Street**
	Key Biscayne, FL 33149
Telephone number:	**305-365-5506**
Email:	**jkoch@keybiscayne.fl.gov**

17. Nonassignability. This Agreement shall not be assignable by Contractor unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Contractor, and such firm's familiarity with the Village's area, circumstances and desires.

18. Severability. If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each

remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. **Independent Contractor.** The Contractor and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.** The Contractor shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Contractor warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Contractor, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Contractor, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **State Required Affidavits.** By entering into this Agreement, the Contractor agrees to review and comply with the following state affidavit requirements:

    24.1. Public Entity Crimes Affidavit. Contractor shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

    24.2. Scrutinized Companies. Contractor certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, Florida Statues, the Village may immediately terminate this Agreement at its sole option if the Contractor is found to have submitted a false certification; or if the Contractor is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement. If this Agreement is for more than one million dollars, the Contractor certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, Florida Statutes. Pursuant to Section 287.135, Florida Statutes, the Village may

immediately terminate this Agreement at its sole option if the Contractor is found to have submitted a false certification; or if the Contractor is placed on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

24.3. E-Verify Affidavit. In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Contractor acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

24.4. Noncoercive Conduct Affidavit. Pursuant to Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes. By entering into this Agreement, the Contractor acknowledges that it has read Section 787.06, Florida Statutes, and will comply with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

24.5. Prohibition on Contracting with Entities of Foreign Concern. Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern. By entering into this Agreement, the Contractor acknowledges that it has read Section 287.138, Florida Statutes, and complies with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

25. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. Conflicts; Order of Priority. This document without exhibits is referred to as the "Base Agreement." In the event of a conflict between the terms of this Base Agreement and any exhibits or attachments hereto, or any documents incorporated herein by reference, the conflict shall be resolved in the following order of priorities and the more stringent criteria for performance of the Services shall apply:

26.1. First Priority: this Base Agreement;

26.2. Second Priority: Change Orders with later date taking precedence;
26.3. Third Priority: Exhibit C – Rate Schedule;
26.4. Fourth Priority: Exhibit A – Scope of Services;
26.5. Fifth Priority: Exhibit B – Contractor's Proposal; and
26.6. Sixth Priority: Statement of Work, with later date taking precedence.

[Remainder of page intentionally left blank.
Signature pages follow.]

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch, CMC
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CON-MECH INC.

By: _____

Name: _____

Title: _____

Entity: _____

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

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E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____
Print Name: _____
Title: _____
Entity Name: _____

ACKNOWLEDGMENT

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20___, by_____ (name of person) as _____ (type of authority) for _____ _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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AFFIDAVIT ATTESTING TO
NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of _____, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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EXHIBIT A
SCOPE OF SERVICES

2.1 INTRODUCTION:

The Village of Key Biscayne is seeking qualified contractors to provide comprehensive HVAC services, including system replacement, installation, preventive maintenance, emergency repairs, and ongoing maintenance for municipal facilities. The selected contractor will play a critical role in ensuring the continuous and efficient operation of HVAC systems, prioritizing occupant comfort, energy efficiency, and full compliance with regulatory standards. This contract aims to support the Village's commitment to maintaining high-performance building systems that enhance sustainability and operational reliability.

The Village of Key Biscayne reserves the right to award one or more contracts at its sole discretion, which may include separating construction services from maintenance services. This decision will be made in the best interest of the Village to ensure efficiency, cost-effectiveness, and the highest quality of service.

2.2 SCOPE OF WORK:

See Appendix "A" for-replacement units.

2.2.1 HVAC System Replacement & Installation

The Village hereby retains the Contractor to perform the following HVAC replacement services, and the Contractor hereby agrees that, in exchange for the payments set forth below, the Contractor will provide the replacement services (the "Work") during the term of this Agreement to the Equipment. The Contractor will be responsible for the removal and disposal of existing HVAC units and the supply and installation of new energy-efficient units for all designated locations, including but not limited to the Fire Department, Village Hall, and Community Center, as of the date of this contract. If additional equipment is added or deleted, the price will be adjusted accordingly.

All replacement units will be installed in compliance with local, state, and federal regulations, including obtaining necessary permits and ensuring successful inspections. New installations will include properly sizing and securing units, integrating with existing ductwork and controls, and ensuring compatibility with building automation systems where applicable.

The Contractor will perform all necessary work to ensure the safe and efficient operation of the new HVAC systems, including but not limited to:

- Removal and environmentally compliant disposal of old HVAC units
- Installation of new units, including electrical and refrigerant connections
- Testing and commissioning of the new systems to verify proper functionality
- Insulation and sealing of ductwork as needed to maintain system efficiency
- Ensuring units meet all required energy efficiency standards

- Training designated personnel on the proper operation and basic troubleshooting of installed systems

Warranty coverage will be provided for all new equipment installed under this agreement. The Contractor shall coordinate with the manufacturer to ensure warranty compliance and assist in processing any claims that arise within the warranty period. Any necessary adjustments, minor repairs, or additional support needed to ensure proper operation will be covered within the first 90 days of installation.

All control system integrations, programming, and calibration will remain the responsibility of the Village. The Contractor will not be responsible for any adjustments or modifications to the building's EMS system. Any structural modifications or electrical service upgrades required for proper HVAC installation shall be discussed with and approved by the Village before proceeding.

- Removal and proper disposal of existing HVAC units following all environmental and safety regulations.

- Supply and installation of new energy-efficient HVAC systems, including but not limited to air handlers, condensers, heat exchangers, chillers, boilers, ductwork, thermostats, sensors, and controls.

- Ensure all installations comply with local, state, and federal regulations, including required permits and inspections.

- Testing, commissioning, and balancing of installed systems to ensure optimal performance.

- Provide warranty coverage, troubleshooting, and post-installation support.

- Install and integrate smart and programmable thermostats for energy efficiency.

- Ensure seamless integration with existing building automation systems.

2.2.2 Preventive Maintenance

See Appendix B for maintenance units.

The Village hereby retains the Contractor to perform the following maintenance services, and the Contractor hereby agrees that, in exchange for the payments set forth below, Contractor will provide the maintenance services (the "Work"), during the term of this Agreement, to the Equipment. Contractor will perform maintenance inspections monthly for all units outlined in Appendix "B" at the Fire Department, Village Hall, and Community Center as of the date of this contract. If additional equipment is added or deleted, the price will be adjusted accordingly.

At the end of each month, the Contractor shall submit a detailed report outlining the maintenance activities performed on each unit, including a summary of work completed, identified issues, and any corrective actions taken. The report must also include before and after pictures of all serviced equipment to ensure transparency and proper documentation of the work performed.

Filters and belts are included as part of the contract at no extra cost, as well as their replacement along with the cleaning of the drain pans as needed and flushing of the drain lines. Filters provided

will be MERV 8 pleated type filters, replaced as needed for each piece of equipment. Condenser coil cleanings for all rooftop or outdoor equipment (a water spigot must be present on the roof) will be performed on a semi-annual basis depending on the condition of the coils. If it is deemed that the coils should not be cleaned due to their condition, we will advise and provide a price to replace the coil. Evaporator coil cleanings are not included in this service agreement.

Trane should be retained by the customer exclusively to provide service and maintenance on the entire EMS system as needed. The Contractor will not be responsible for any controls work or maintenance as part of this agreement.

Comprehensive HVAC Maintenance Scope of Work

1. Inspect and clean drain pans and drain lines to prevent clogs and overflow issues.
2. Inspect and clean blower wheels to maintain airflow efficiency.
3. Inspect and service blower motors to ensure proper function.
4. Inspect and tighten all electrical connections and components.
5. Inspect and test safety controls for proper operation.
6. Check system amperage to ensure compliance with manufacturer's specifications.
7. Inspect and measure temperature differentials across coils for efficiency.
8. Inspect and secure cabinet integrity to prevent air leaks.
9. Test and inspect heating elements and ignition systems.
10. Inspect, test, and calibrate thermostats and humidity controls.
11. Perform a comprehensive leak check for refrigerant lines and components.
12. Lubricate all moving parts, including bearings and motors, as needed.
13. Inspect and adjust fan belts and pulleys, replacing if necessary.
14. Replace air filters with MERV 8 pleated type filters as required.
15. Check refrigerant charge and adjust as necessary per manufacturer guidelines.
16. Inspect and maintain oil levels in applicable systems.
17. Test and inspect compressor function and operation.
18. Inspect and secure hurricane attachments for outdoor units.
19. Inspect and clean energy recovery wheels per manufacturer’s recommendations.

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20. Inspect and clean outdoor air intake hoods and mesh filters.

21. Inspect, clean, and maintain condenser coils on a semi-annual basis.

22. Inspect evaporator coils and recommend cleaning or replacement as necessary.

23. Generate and submit a detailed service report identifying any follow-up work needed.

2.2.3 Repair Services

The Contractor shall provide comprehensive HVAC repair services, including but not limited to the following:

- Emergency Repair Services: Provide 24/7 emergency repair services for critical HVAC failures. Response time for emergency calls shall not exceed four (4) hours.

- Troubleshooting & Diagnostics: Identify and diagnose HVAC system failures, including refrigerant leaks, compressor malfunctions, electrical failures, and airflow obstructions.

- Component Replacement & Repair: Repair or replace faulty components such as compressors, motors, capacitors, fans, valves, heat exchangers, coils, and expansion tanks.

- Leak Detection & Refrigerant Management: Conduct leak detection tests, repair refrigerant lines, and ensure compliance with EPA regulations for refrigerant handling and disposal.

- Ductwork & Airflow Repairs: Repair or replace ductwork, insulation, diffusers, dampers, and grilles to maintain proper airflow and indoor air quality.

- Control Systems & Automation: Diagnose, repair, or replace control systems, actuators, sensors, thermostats, and HVAC automation components.

- System Rebalancing: Ensure proper airflow balance and system calibration for optimal performance.

- Safety Compliance: Ensure all repairs comply with OSHA safety regulations and industry standards.

- Follow-Up Inspections: Provide post-repair inspections and ensure systems are operating efficiently before finalizing repairs.

2.2.4 System Optimization & Energy Efficiency

The Contractor shall take proactive measures to improve the energy efficiency and longevity of HVAC systems, including:

- Energy Audits & Efficiency Analysis: Conduct energy audits to identify inefficiencies, provide cost-saving recommendations, and optimize HVAC performance.

- Equipment Upgrades: Recommend and install high-efficiency equipment, including energy-efficient compressors, variable speed motors, and advanced filtration systems.

- Demand-Controlled Ventilation: Implement demand-based ventilation strategies to optimize indoor air quality and energy usage.

- Building Automation Integration: Ensure proper integration with the building's automation system to maximize efficiency and performance monitoring.

- Smart Thermostat & Control Upgrades: Install and configure smart thermostats and programmable controls for optimized energy use.

- Indoor Air Quality (IAQ) Enhancements: Implement IAQ solutions, including high-efficiency air filters, UV purification systems, and humidity control enhancements.

2.2.5 Reporting & Documentation

The Contractor shall provide thorough documentation and reporting, including:

- Maintenance & Repair Logs: Maintain detailed records of all maintenance, repairs, and replacements performed on HVAC equipment.

- Service Reports: Provide detailed service reports, including before and after images of repairs and maintenance tasks.

- Regulatory Compliance Documentation: Maintain and submit reports related to refrigerant usage, disposal, and environmental compliance per EPA regulations.

- Work Order Tracking: Log all completed and pending work orders, ensuring transparency and accountability.

- Performance Recommendations: Submit recommendations for system improvements, component replacements, and lifecycle planning.

2.3 PERFORMANCE REQUIREMENTS

To ensure optimal operation and longevity of HVAC systems, the Contractor shall adhere to the following performance standards:

- System Uptime & Efficiency: Maintain all HVAC systems at peak operational efficiency with minimal downtime.

- Emergency Response Time: Respond to emergency repair calls within four (4) hours of notification.

- Compliance & Safety Standards: Ensure all services comply with local, state, and federal regulations, including OSHA, EPA, and industry best practices.

- Qualified Personnel: Provide certified HVAC technicians trained in system maintenance, repair, and installation.

- Inventory Management: Maintain an inventory of commonly used replacement parts to facilitate timely repairs and minimize downtime.

- Manufacturer Guidelines & Warranty Protection: Ensure all work performed complies with manufacturer specifications and does not void warranty conditions.

- Conduct energy audits to identify inefficiencies and recommend cost-saving measures.

- Upgrade outdated HVAC equipment to improve energy efficiency and sustainability.

- Implement demand-controlled ventilation and advanced airflow management strategies.

- Integrate high-efficiency filtration systems to improve indoor air quality.

- Recommend and implement upgrades to meet LEED and Energy Star standards where applicable.

2.4 CONTRACT TERMS

- **Contract Duration:** The initial contract term shall be one year, with an option for renewal based on the contractor's performance and the Village's needs. Any contract extension shall be mutually agreed upon in writing.

- **Scope of Work Compliance:** The Contractor must adhere to the detailed scope of work outlined in this agreement, ensuring all HVAC maintenance, repair, and installation tasks are completed per industry standards and manufacturer specifications.

- **Payment Terms:** Payments will be processed on a Net 30 basis upon invoice approval. All invoices must include detailed descriptions of the services performed, itemized costs, and supporting documentation.

- **Warranty Requirements:** The Contractor shall provide a warranty for all work performed, including labor and materials, for a minimum period of one year. Warranty claims shall be addressed promptly, and the Contractor shall correct any deficiencies at no additional cost to the Village.

- **Regulatory Compliance:** The Contractor shall comply with all applicable local, state, and federal regulations, including but not limited to OSHA safety standards, EPA refrigerant handling protocols, and industry best practices.

- **Insurance Requirements:** The Contractor must maintain and provide proof of general liability insurance, workers' compensation insurance, and vehicle insurance in accordance with Village requirements. The Village shall be listed as an additional insured.

- **Emergency Services:** The Contractor shall maintain availability for emergency repairs 24/7 and respond to emergency calls within a four-hour window.

- **Performance Reviews:** The Village reserves the right to conduct periodic performance evaluations. Failure to meet contractual obligations may result in contract termination.

- **Work Hours:** Routine maintenance and non-emergency repairs shall be conducted during normal business hours unless prior approval is obtained for after-hours work.

2.5 SUBMISSION REQUIREMENTS

[INTENTIONALLY OMITTED]

2.6 EVALUATION CRITERIA

[INTENTIONALLY OMITTED]

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Appendix A to Exhibit "A"

Replacement HVAC Units

Location	Unit No.	Manufacturer	Serial No.	Model No.	Mfg. Date	Tonnage
Village Hall	CU-3	Trane	C15C01546	RAUJC254EC03A0D000000	Mar-15	25
Village Hall	CU-4	Trane	C14G04694	RAUJC254EC0310D000000	Jul-14	25
Community Center	3	Trane	143111108D	THH150F4RGB0400010001000000000000000000	Aug-14	12.5
Community Center	4	Trane	132710928L	THC120E4R0A000C	Apr-13	10
Community Center	6	Trane	134610146D	THD150F4RGA030001000100000000000000000	Nov-13	12.5

The Village of Key Biscayne retains full discretion over the selection and timing of HVAC unit replacements. Not all units listed in the pricing schedule will be replaced simultaneously or within the same fiscal period. The Village reserves the exclusive right to determine which units require replacement based on operational needs, budgetary constraints, and the overall condition of existing equipment. The inclusion of a unit in this schedule does not constitute a guarantee of replacement. Additionally, the Village may defer, modify, or cancel the replacement of any unit at its sole discretion without any obligation to the Contractor. The Contractor shall not proceed with any unit replacement without explicit written authorization from the Village. Pricing provided in this schedule shall remain valid for the duration of the agreement or as otherwise negotiated. Any deviations from the agreed-upon scope or costs must be pre- approved in writing by the Village.

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Appendix B to Exhibit "A"

Location	Unit No.	Manufacturer	Serial No.	Model No.	Mfg. Date	Tonnage
Village Hall	CU-1	Trane	C23K06281	RAUJC254BF03A0D00002	Oct-23	25
Village Hall	CU-2	Trane	C21B01152	RAUJC254BD0300D00002	Feb-21	25
Village Hall	CU-3	Trane	C15C01546	RAUJC254EC03A0D000000	Mar-15	25
Village Hall	CU-4	Trane	C14G04694	RAUJC254EC0310D000000	Jul-14	25
Village Hall	CU-5	Air-O-Matic	AOMC12NPDJA22	AOMEC12HPDJA22	Feb-20	1
Village Hall	Mini-1	Mitsubishi	3000653T	MUY-GS24NA-U1	Jul-24	2
Village Hall	Mini-2	Mitsubishi	3000705T	MUY-GS24NA-U1	Jul-24	2
Village Hall	Mini-3	Mitsubishi	2001038T	MSY-GS36NA2-U1	Jun-24	3
Village Hall	Storage	American Std.	N/A	N/A	Sep-24	3
Community Center	1	Trane	162510421D	THD240G4RKA04D00400000000A 00000000000000	Jun-16	20
Community Center	2	Trane	235110434L	THJ150A4S0G03B0000001000001 00000000000C0	Dec-23	12.5
Community Center	3	Trane	143111108D	THH150F4RGB04000100010000000 000000000000	Aug-14	12.5
Community Center	4	Trane	132710928L	THC120E4R0A000C	Apr-13	10
Community Center	5	Trane	241210785L	THJ120A4SOG05B	Mar-24	10
Community Center	6	Trane	134610146D	THD150F4RGA03000100010000000 000000000000	Nov-13	12.5
Community Center	7	Trane	16222KYY9H	4TCC4024A1000AA	May-16	2
Community Center	8	Trane	220310203D	THD210G4RKD17D0C500000000000 000000000000	Jan-22	17.5
Community Center	9	Trane	162510421D	THD240G	Jun-16	20
Community Center	Stairwell 1	Mitsubishi	3000518T	MUZ-WR24NA	Jan-23	2
Community Center	Stairwell 2	Mitsubishi	24P06447	MXZ-2C20NA3	Jan-22	1.5

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Community Center	Concession	Mitsubishi	N/A	N/A	2023	2.5
Fire Station	Elevator	Mitsubishi	N/A	N/A	2023	1
Fire Station	1	Trane	18221490YA	TTA12043AAA00AE000000	May-18	10
Fire Station	2	Trane	21293592YA	TTA12043CAB01AE000000	Jul-21	10
Fire Station	3	Trane XR	16424K4E1F	4TTR6049J1000AA	Oct-16	4
Fire Station	4	Trane XR	19121U8S2F	4TTR6049J1000AA	Mar-19	4
Fire Station	5	American Std.	216485GAD	TTA09043AAA02BS01	Sep-23	7.5
Fire Station	6	Trane XR	17351JD45F	4TTR6036J1000AA	Aug-17	3
Fire Station	7	American Std.	15354NJM3F	4A7A4036L1000AA	Aug-15	3
Fire Station	8	Trane	22441074TA	TTA18043CAB01AE	Nov-22	15
Fire Station	9	Trane	21232344YA	TTA09043AAB01AE000000	Jun-21	7.5

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EXHIBIT B
CONTRACTOR'S PROPOSAL

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EXHIBIT C
RATE SCHEDULE

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EXHIBIT D
FORM OF PAYMENT AND PERFORMANCE BOND
FORM OF PAYMENT AND PERFORMANCE BONDS

PAYMENT BOND

BY THIS BOND, we, _____, as Principal, (the "Contractor") and _____, as Surety, are bound to the Village of Key Biscayne (the "Village"), as Obligee, in the amount of __ _____Dollars ($_____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into a Contract pursuant to ITB No. 2025-XX, which was awarded on _____, 2025, pursuant to Resolution No. ___, with the Village, which contract documents are by reference incorporated herein and made a part hereof, and specifically include provision for liquidated and other damages, and for the purpose of this Bond are referred to as the "Contract."

NOW, THEREFORE, THE CONDITION OF THIS PAYMENT BOND/OBLIGATION are that if Contractor shall promptly make payment to all claimants, as herein below defined, then this obligation shall be void; otherwise, this Bond shall remain in full force and effect, subject to the following terms and conditions:

1. A claimant is defined as any person supplying the Principal with labor, material and supplies, used directly or indirectly by the said Principal or any subcontractor in the prosecution of the work provided for in said Contract, and is further defined in Section 255.05(1) of the Florida Statutes; and
2. The above named Principal and Surety hereby jointly and severally agree with the Owner that every claimant as herein defined, who has not been paid in full before the expiration of a period of ninety (90) days after performance of the labor or after complete delivery of materials and supplies by such claimant, may sue on this Bond for the use of such claimant, prosecute the suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereon. The Owner shall not be liable for the payment of any costs or expenses of any such suit; and
3. No suit or action shall be commenced hereunder by any claimant:
    a. Unless claimant, other than one having a direct contract with the Principal, shall within forty-five (45) days after beginning to furnish labor, materials or supplies for the prosecution of the work, furnish the Principal with a notice that he intends to look to this bond for protection;
    b. Unless claimant, other than one having a direct contract with the Principal, shall within ninety (90) days after such claimant's performance of the labor or complete delivery of materials and supplies, deliver to the Principal written notice of the performance of such labor or delivery of such material and supplies and the nonpayment therefore;
    c. After the expiration of one (1) year from the performance of the labor or completion of delivery of the materials and supplies; it being understood, however, that if any limitation embodied in this Bond is prohibited by any law controlling the construction hereof such limitations shall be deemed to be amended so as to be equal to the minimum period of limitation permitted by such law;
    d. Other than in a state court of competent jurisdiction in and for the county or other political subdivision of the state in which the project, or any part thereof, is situated, or in the United States District Court for the district in which the project, or any part thereof, is situated, and not elsewhere.
4. The Principal and the Surety jointly and severally, shall repay the Owner any sum which the Owner may be compelled to pay because of any lien for labor or materials furnished for any work included in or provided by said Contract.
5. The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration of or addition to the terms of the Contract or to the work to be performed thereunder or the Specifications

applicable thereto shall in any way affect its obligations on this Bond, and the Surety hereby waives notice of any such change, extension of time, alterations of or addition to the terms of the Contract, or to the work or to the Specifications.

6. The Surety represents and warrants to the Owner that they have a Best's Key Rating Guide General Policyholder's rating of "_____" and Financial Category of "Class _____".

IN WITNESS WHEREOF, the above bounded parties executed this instrument under their several seals, this _____ day of _____2025, A.D., the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

WITNESS: If Sole Ownership or Partnership, two (2) Witnesses Required; If Corporation, Secretary Only will attest and affix seal.

FOR THE CONTRACTOR:
WITNESS:

_____ _____
Secretary Name of Corporation
By: _____
(Affix Corporate Seal) Print Name: _____
Title: _____

FOR THE SURETY:
WITNESS:

_____ _____
_____ Agent and Attorney-in-Fact
_____ Print Name: _____
Title: _____
Address: _____
_____
Telephone: _____

DRAFT

CERTIFICATE AS TO CORPORATE PRINCIPAL

I,_____, certify that I am the Secretary of the Corporation named as Principal in the within Bond; that_____who signed the said bond on behalf of the Principal, was then _____of said Corporation; that I know his/her signature, and his/her signature hereto is genuine; and that said bond was duly signed, sealed, and attested for and in behalf of said Corporation by authority of its governing body.

(Affix Corporate Seal)

_____
Corporate Secretary

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____
Print Name: _____
Title: _____
Firm: _____

State of Florida
County of _____

Before me, a Notary Public, duly commissioned, qualified and acting, appeared _____ _____ by means of ☐ physical presence or ☐ online notarization who being by me first duly sworn upon oath, says that s/he is the Attorney-in-Fact, for the_____ and that s/he has been authorized by_____to execute the foregoing bond on behalf of the Contractor named therein in favor of the Village of Miami Springs, Florida

Sworn and subscribed to before me this ____ day of _____, 20___.

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____
_____)
_____Did take an oath; or
_____Did not take an oath

(Attach Power of Attorney)

PERFORMANCE BOND

BY THIS BOND, we, _____, as Principal, (the "Contractor") and _____, as Surety, are bound to the Village of Key Biscayne (the "Village"), as Obligee, in the amount of _____Dollars ($_____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into Contract ITB No. 2025-XX, awarded on _____, 2025, pursuant to Resolution No. _____, with the Village, which contract documents are by reference incorporated herein and made a part hereof, and specifically include provision for liquidated and other damages, and for the purpose of this Bond are referred to as the "Contract."

NOW, THEREFORE, THE CONDITION OF THIS PERFORMANCE BOND is that if Contractor:

7. Performs the Contract between Contractor and Village for the services defined in the Contract, the Contract being made a part of this Bond by reference, at the times and in the manner prescribed in the Contract; and
8. Pays the Village all losses, damages, liquidated damages, expenses, costs, and any and all attorney's fees, including for appellate proceedings, that the Village sustains as a result of default by Contractor under the Contract; and
9. Performs the guarantee of all work and materials furnished under the Contract for the time specified in the Contract, THEN THIS BOND WILL BE VOID. OTHERWISE, IT WILL REMAIN IN FULL FORCE AND EFFECT SUBJECT, HOWEVER, TO THE FOLLOWING CONDITIONS:
10. Whenever Contractor is, and declared by the Village to be, in default under the Contract, the Village having performed the Village's obligations, the Surety may promptly remedy the default or will promptly:
    a. Complete the services defined in the Contract in accordance with the terms and conditions of the Contract; or
    b. Obtain a bid or bids for completing the services defined in the Contract in accordance with the terms and conditions of the Contract, and upon determination by Surety of the lowest responsible bidder, or if the Village elects, upon determination by the Village and Surety jointly of the lowest responsible bidder, arrange for a contract between such bidder and the Village, and make available as work progresses (even though there should be a default or a succession of defaults under the Contract of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract Price, but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract Price," as used in this paragraph, will mean the total amount payable by the Village to Contractor under the Contract and any amendments thereto, less the amount properly paid by the Village to Contractor.

IT IS FURTHER AGREED THAT no right of action will accrue on this Bond to or for the use of any person or corporation other than the Village; and

IT IS FURTHER AGREED THAT the Surety hereby waives notice of and agrees that any changes in or under the Contract and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect Surety's obligations under this Bond.

Signed and sealed this _____ day of _____, 20___.

FOR THE CONTRACTOR:

WITNESS:

Secretary

(Affix Corporate Seal)

Name of Corporation
By: _____
Print Name: _____
Title: _____

FOR THE SURETY:

WITNESS:

_____
_____
_____

_____
Agent and Attorney-in-Fact
Print Name: _____
Title: _____
Address: _____
_____
Telephone: _____

DRAFT

PROCUREMENT DOCUMENTS LINK

ITB # 2025-05 HVAC Replacement, Repairs and Maintenance Services

Below are links to procurement documents for:
(click on each line for document)

1. **Invitation to Bid (ITB)**
2. **ITB Addendum No.1**
4. **Bid Tabulation Sheet**
6. **Evaluation Recommendation**
7. **Recommended Proposal – Con-Mech Inc.**
8. **Purchase Requisition – N/A**

Daren Jairam, MBA, MHC
Procurement Officer
djairam@keybiscayne.fl.gov
305-365-7577

Tabulation Sheet

Agency Name Village of Key Biscayne

Bid Number ITB-2025-05 ITB-0-2025/dj

Bid Name HVAC Replacement, Repairs and Maintenance Services

Bid Due Date 05/16/2025 11:30:00 Eastern

Bid Opening **Closed**

8 responses found.

✓ online, offline, ● not submitting, not received

	Company	Responded	Address	Bid Amount	Alt Bid Amount	Declared Attributes	Documents	Sent
Complete								
1.	All in One Repairs LLC	05/13/2025 14:57:17 Eastern	20601 sw 93rd ave Miami, FL 33189, Miami, FL, 33189	$0.0000	0.0000		Bid Document	✓
2.	Bh brothers air solutions	04/15/2025 15:30:07 Eastern	30 nw 34 st miami , 106, Miami, FL, 33127	$0.0000	0.0000		Bid Document	✓
3.	Comfort Tech Air Conditioning, Inc.	05/16/2025 10:27:48 Eastern	13117 NW 107TH AVENUE, BAY 6, Hialeah, FL, 33018	$0.0000	0.0000		Bid Document	✓
4.	Con-Mech, Inc	05/16/2025 11:04:32 Eastern	9802 NW 80th Ave, Unit 38, Cape Coral, FL, 33016	$0.0000	0.0000	Hispanic Owned, Small Business	Bid Document	✓
5.	Cool Water Air Conditioning	05/16/2025 10:13:00 Eastern	13080 Miranda St, Coral Gables, FL, 33156	$0.0000	0.0000	Hispanic Owned, Small Business	Bid Document	✓
6.	CSM Mechanical Florida	04/17/2025 12:37:31 Eastern	13995 SW 144th Ave, Suite 201, Miami, FL, 33186	$0.0000	0.0000		Bid Document	!
7.	Hands on Development	05/09/2025 06:22:47 Eastern	1415 NW 206 Terrace, Miami Gardens, FL, 33169	$0.0000	0.0000		Bid Document	✓
8.	Southern Comfort Solutions, Inc.	05/16/2025 06:47:15 Eastern	10331 SW 145 Place, Miami, FL, 33186	$0.0000	0.0000		Bid Document	✓

SECTION 5. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- [x] Form 1: Response Checklist
- [x] Form 2: Addendum Acknowledgment
- [x] Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - (•) Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - ( ) Form 3B: Certificate of Authority (for Individuals)
- [x] Form 4: Proposer's Statement of Organization
- [x] Form 5: References
- [x] Form 6: Affidavits
  - (•) Form 6A: Single Execution Affidavits
  - (•) Form 6B: Independence Affidavit
  - (•) Form 6C: Non-Collusion Affidavit
- [x] Form 7: Drug Free Workplace
- [x] Form 8: Certification to Accuracy of Proposal
- [x] Form 9: Scrutinized Companies
- [x] Form 10: Public Entity Crimes
- [x] Form 11: Dispute Disclosure
- [x] Form 12: List of Proposed Subcontractors
- [ ] Form 13: Form of Performance Bond N/A TO BE PROVIDED AT AWARD
- [ ] Form 14: Form of Payment Bond N/A TO BE PROVIDED AT AWARD
- [x] Form 16: Insurance and License Certificates

ATTACHMENTS

- [ ] A: Draft Contract N/A

EXHIBITS

- [x] A: Scope of Services
- [x] B: Fee Schedule/Price Proposal
- [x] C: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
HVAC REPLACEMENT, REPAIRS AND MAINTENANCE SERVICES
Solicitation No.:
ITB # 2025-05

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. 1, Dated 04/25/2025
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: **Con-Mech, Inc**

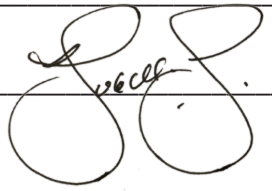
Authorized Representative's Name: **Yudel Cubillas**

Title: **President**

Email: **info@con-mech.com**

Phone Number: **305-831-6324**

Address: **9802 NW 80th Ave. Unit 38. Hialeah Gardens, Fl 33016**

Authorized Signature: 

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of **Con-Mech, Inc** _____ a business existing under the laws of the State of **Florida**, (the "Entity") held on **May 15th**, 20**25**, the following resolution was duly passed and adopted:

"RESOLVED, that, **Yudel Cubillas**, as **President** of the Entity, be and is hereby authorized to execute this Proposal dated **May 15th**, 20**25**, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this **15th** day of **May**, 20**25**.

Secretary: _____

Print Name: **Yohania Chamizo**

President: _____

Print Name: **Yudel Cubillas**

(Seal)

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
Con-Mech, Inc

2. Principal Business Address, Phone and Email Address:
9802 NW 80th Ave. Unit 38. Hialeah Gardens, Fl 33016

3. Principal Contact Person(s):
Yudel Cubillas

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
Corporation

A. If a corporation, in what state incorporated: **Florida**
B. Date Incorporated: **01/11/2017**
C. Federal ID Number (EIN) **81-4945498**
D. If a joint Venture or Partnership, date of Agreement: _____
E. Name and address of all partners (state whether general or limited partnership): _____
F. If other than a corporation or partnership describe, organization and name of principals. _____

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Yudel Cubillas	**President**
Yohania Chamizo	**Secretary**

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this ITB Agreement. **8+**

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	**Con-Mech, Inc**	**9802 NW 80th Ave. Unit 38. Hialeah Gardens, Fl 33016**	**Prime Contractor**
B.	**Harrison Crane**	**2440 NW 37th St. Miami, Fl 33142**	**Crane Contractor**
C.			
D.			

8. Outline specific areas of responsibility for each entity listed in Question 7.
A. **Primary Contractor**
B. **Required lifting/ridging for the new AC installation part of the agreement.**

C. _____

D. _____

9. County or municipal business tax receipt number (attach copies):

County: 7507390

Municipal: BL19996

10. Have you ever failed to complete any work awarded to you?
Yes _____ No X **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
Yes _____ No X **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?
Yes _____ No X **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
Yes _____ No X **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?
Yes _____ No X **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
Yes _____ No X **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
Yes _____ No X **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
Yes _____ No X **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
Yes _____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency,

criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** X **If yes, attach a separate sheet of explanation.**

22. Have you made a site visit? X Yes, _____ No

23. How soon after the award can you begin work? 7 Days.

24. List any licenses, permits or certifications, etc., you hold for performing this type of work:
FL State Certified Mechanical Contractor. EPA Universal Llc. OSHA 30 Hrs Construction Safety and Health

25. How did you hear about the ITB? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. DemandStar

Signature (Blue ink only)

Yudel Cubillas
Print Name

President
Title

05/15/2025
Date

STATE OF FLORIDA)
COUNTY OF DADE)

The foregoing instrument was acknowledged before me this 15 day of MAY, 2025
by YUDEL CUBILLAS as PRESIDENT
(Name of person acknowledging) *(Title)*
for CON-MECH, INC.
(Company name)
Personally known to me X or has produced Identification ____, type of identification produced _____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC
YOHANIA CHAMIZO
PRINT, TYPE/STAMP NAME OF NOTARY

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

FORM 5

CLIENT REFERENCES

PLEASE PRINT CLEARLY

REFERENCE #1

Name of Company: City of Hollywood Regional Waste Water Treatment Plant

Reference Contact Name: Homero Rodriguez

Contact Title: Maintenance Superintendent

Contact Telephone: 954-980-0042 / 954-921-3288

Contact Email: hrodriguez@hollywoodfl.org

Contract Start Date: 11/26/2024 **Contract End Date:** 12/03/2024

REFERENCE #2

Name of Company: Oratso Corporation

Reference Contact Name: Osniel Tamayo / Alexandra Fruscini

Contact Title: President

Contact Telephone: 786-728-0914

Contact Email: info@oratsocorp.com / alexandra.fruscini@gmail.com

Contract Start Date: 08/19/2024 **Contract End Date:** 11/11/2024

REFERENCE #3

Name of Company: Brickell Vizcaya Development, Inc

Reference Contact Name: Jorge Reyes

Contact Title: President

Contact Telephone: 786-683-2619

Contact Email: jreyes@brickellvizcaya.com

Contract Start Date: 01/07/2025 **Contract End Date:** 02/17/2025

REFERENCE #4

Name of Company: JCR Mechanical Contractor

Reference Contact Name: Julio Ronquillo

Contact Title: President

Contact Telephone: 786-970-9855

Contact Email: office@jcrmechanicalcontractor.com

Contract Start Date: 02/19/2025 **Contract End Date:** On going

REFERENCE #5

Name of Company: Ocean 3 Condominium

Reference Contact Name: Ron Koening

Contact Title: Project Manager

Contact Telephone: 954-270-3910

Contact Email: allphasemaintenance@yahoo.com

Contract Start Date: 01/13/2025 **Contract End Date:** 02/11/2025

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Yudel Cubillas

For (Name of Proposing or Bidding Entity): Con-Mech, Inc

Whose business address is: 9802 NW 80th Ave. Unit 38. Hialeah Gardens, Fl 33016

And (if applicable) its Federal Employer Identification Number (FEIN) is: 81-4945498

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#:)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

YC

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[**X**] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

YC
_____
Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

YC
_____
Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

YC

Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

YC

Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

YC
_____
Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.

CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **HVAC REPLACEMENT, REPAIRS AND MAINTENANCE SERVICES** and any addendum/addenda related thereto.

2. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
3. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

YC
_____
Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

YC
_____
Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Alex. B

Witness #1 Print Name: Alex Borrego

Carreira

Witness #2 Print Name: Maria Carreira

Signed, sealed and delivered by:

Print Name: Yudel Cubillas

Title: President

ACKNOWLEDGMENT

State of Florida

County of DADE

On this 15 day of MAY, 2025, before me the undersigned, personally appeared Yudel Cubillas, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or

_____ Produced identification (Type of Identification: _____)

_____ Did take an oath; or

X Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am Yudel Cubillas of Con-Mech, Inc, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

Signature (Blue ink only)

Yudel Cubillas

Print Name

President

Title

05/15/2025

Date

STATE OF FLORIDA)
COUNTY OF DADE)

The foregoing instrument was acknowledged before me this 15 day of MAY, 2025

by YUDEL CUBILLAS as PRESIDENT

(Name of person acknowledging) *(Title)*

for CON-MECH, INC.

(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

SIGNATURE OF NOTARY PUBLIC

YOHANIA CHAMIZO

PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Yudel Cubillas of Con-Mech, Inc, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached ITB is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

Yudel Cubillas

Print Name

President

Title

05/15/2025

Date

STATE OF FLORIDA)
COUNTY OF DADE)

The foregoing instrument was acknowledged before me this 15 day of MAY, 2025

by YUDEL CUBILLAS as PRESIDENT

(Name of person acknowledging) *(Title)*

for CON-MECH, INC.

(Company name)

Personally known to me X or has produced Identification ____, type of identification produced ____.

(NOTARY SEAL HERE)

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

SIGNATURE OF NOTARY PUBLIC

YOHANIA CHAMIZO

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that Con-Mech, Inc does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the ITB document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the ITB or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

Yudel Cubillas

Print Name

President

Title

05/15/2025

Date

STATE OF Florida)
COUNTY OF Dade)

The foregoing instrument was acknowledged before me this 15 day of May, 2025

by Yudel Cubillas as President

(Name of person acknowledging) *(Title)*

for Con-Mech, Inc.

(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

Yohania Chamizo

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the ITB and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the ITB and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Yudel Cubillas of Con-Mech, Inc, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF FLORIDA)
COUNTY OF DADE)

The foregoing instrument was acknowledged before me this 15 day of MAY, 2025

by YUDEL CUBILLAS as PRESIDENT
(Name of person acknowledging) *(Title)*

for CON-MECH, INC.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced _____.

(NOTARY SEAL HERE)

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

SIGNATURE OF NOTARY PUBLIC
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

Yudel Cubillas

Print Name

President

Title

05/15/2025

Date

STATE OF FLORIDA)
COUNTY OF DADE)

The foregoing instrument was acknowledged before me this 15 day of MAY, 2025 by YUDEL CUBILLAS as PRESIDENT
(Name of person acknowledging) *(Title)*
for CON-MECH, INC.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced _____.

(NOTARY SEAL HERE)

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

SIGNATURE OF NOTARY PUBLIC

YOHANIA CHAMIZO

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. **ITB 2025-05**

2. This sworn statement is submitted by: **Con-Mech, Inc**
(name of entity submitting sworn statement)

whose business address is: **9802 NW 80th Ave. Unit 38. Hialeah Gardens, Fl 33016**

Federal Identification Number (FEIN) is: **81-4945498**
(if applicable)

Social Security Number: _____

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: **Yudel Cubillas**
(print name of individual signing this document)

and my relationship to the entity is: **President**

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
   (a) A predecessor or successor of a person or a corporation convicted of a public

entity crime; or

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. __X__Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, and (Please indicate which additional statement applies)

      1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or

affiliate from the convicted vendor list. (Please attach a copy of the final order)

3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

Signature

05/15/2025
Date

STATE OF FLORIDA)
COUNTY OF DADE)

The foregoing instrument was acknowledged before me this 15 day of MAY, 2025

by YUDEL CUBILLAS as PRESIDENT

(Name of person acknowledging) *(Title)*

for CON-MECH, INC.

(Company name)

Personally known to me X or has produced Identification ____, type of identification produced____.

(NOTARY SEAL HERE)

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

SIGNATURE OF NOTARY PUBLIC

YOHANIA CHAMIZO
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO X_____

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO X_____

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO X_____

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: Con-Mech, Inc

Authorized Signature: _____

Print or Type Name: Yudel Cubillas

Title: President

Date: 05/15/2025

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
1	**Harrison Crane** **2440 NW 37th St. Miami, Fl 33142**	**Lifting/Ridging of New AC Equipment to be Installed**	

Firm: Con-Mech, Inc

Authorized Signature: _____

Print or Type Name: Yudel Cubillas

Title: President

Date: 05/15/2025

FORM 15 N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

HVAC REPLACEMENT, REPAIRS AND MAINTENANCE SERVICES

Proposal of **Con-Mech, Inc**

(Name)

9802 NW 80th Ave. Unit 38. Hialeah Gardens, Fl 33016

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

HVAC REPLACEMENT, REPAIRS AND MAINTENANCE SERVICES
("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.

The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No. CMC1250619

Bidder's Occupational License No. 7507390

WITNESS:

Alex. B

Luciano

By: _____

Signature of Authorized Agent

[SEAL]

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☒ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

Alex. B

Witness #1 Print Name: Alex Borrego

Maria Carreira

Witness #2 Print Name: Maria Carreira

Signed, sealed and delivered by:

Yudel Cubillas

Print Name: Yudel Cubillas

Title: President

Entity Name: Con-Mech, Inc

ACKNOWLEDGMENT

State of Florida

County of DADE

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 15 day of MAY, 2025, by YUDEL CUBILLAS (name of person) as PRESIDENT (type of authority) for CON-MECH, INC (name of party on behalf of whom instrument is executed).

YOHANNIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

Yohannia Chamizo

Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or

_____ Produced identification (Type of Identification: _____)

X Did take an oath; or

_____ Did not take an oath

An official website of the United States government Here's how you know

My Company Profile

Company Information

Company Name
Con-Mech, Inc

Doing Business As (DBA) Name

Company ID
2673931

Enrollment Date
Apr 22, 2025

Employer Identification Number (EIN)
814945498

Unique Entity Identifier (UEI)

DUNS Number
080661837

Total Number of Employees
1 to 4

NAICS Code
238

Sector
Construction

Subsector
Specialty Trade Contractors

Edit Company Information

Employer Category

Employer Category

None of these categories apply

Edit Employer Category

Company Addresses

Physical Address

9802 NW 80th Ave
Unit 38
Hialeah Gardens, FL 33016

Mailing Address

Same as Physical Address

Edit Company Addresses

Hiring Sites

Number of Sites

1

Edit Hiring Sites

Company Access

My Company is configured to:

Verify Its Own Employees

My Company has enabled:

E-Verify+

E-Verify+ enabled by:

Yudel Cubillas (Apr 21, 2025)

Memorandum of Understanding

View Current MOU

Terms of Service

View E-Verify+ Terms of Service





AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that:**

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of **Con-Mech, Inc**, a nongovernmental entity.

3. **Con-Mech, Inc** does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

Alex. B

Witness #1 Print Name: **Alex Borrego**

Witness #2 Print Name: **Maria Carreira**

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: **Yudel Cubillas**

Title: **President**

Entity Name: **Con-Mech, Inc**

OATH OR AFFIRMATION

State of Florida
County of DADE

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 15 day of May, 2025, by Yudel Cubillas (name of person) as President (type of authority) for Con-Mech Inc (name of party on behalf of whom instrument is executed).

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires
April 18, 2026

Yohania Chamizo
Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or
___ Produced identification (Type of Identification: _____)
X Did take an oath; or
___ Did not take an oath

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. Con-Mech, Inc ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Alex.B

Witness #1 Print Name: Alex Borrego

Witness #2 Print Name: Maria Carreira

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Yudel Cubillas

Title: President

Entity Name: Con-Mech, Inc

OATH OR AFFIRMATION

State of Florida

County of DADE

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 15 day of MAY, 2025, by YUDEL CUBILLAS (name of person) as PRESIDENT (type of authority) for CON-MECH, INC (name of party on behalf of whom instrument is executed).

YOHANIA CHAMIZO
Notary Public-State of Florida
Commission # HH 220934
My Commission Expires: April 18, 2026

YOHANIA CHAMIZO
Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or

___ Produced identification (Type of Identification: _____)

X Did take an oath; or

___ Did not take an oat

EXHIBIT A

SCOPE OF SERVICES

The Scope of Services are those contained in the Proposal Section 2. dated 03/25/2025, 2025 , attached hereto and incorporated herein by reference.

SECTION 2. SCOPE OF WORK / TECHNICAL SPECIFICATIONS

2.1 INTRODUCTION:

The Village of Key Biscayne is seeking qualified contractors to provide comprehensive HVAC services, including system replacement, installation, preventive maintenance, emergency repairs, and ongoing maintenance for municipal facilities. The selected contractor will play a critical role in ensuring the continuous and efficient operation of HVAC systems, prioritizing occupant comfort, energy efficiency, and full compliance with regulatory standards. This contract aims to support the Village's commitment to maintaining high-performance building systems that enhance sustainability and operational reliability.

The Village of Key Biscayne reserves the right to award one or more contracts at its sole discretion, which may include separating construction services from maintenance services. This decision will be made in the best interest of the Village to ensure efficiency, cost-effectiveness, and the highest quality of service.

2.2 SCOPE OF WORK:

See Exhibit "A" for-replacement units.

2.2.1 HVAC System Replacement & Installation

The Village hereby retains the Contractor to perform the following HVAC replacement services, and the Contractor hereby agrees that, in exchange for the payments set forth below, the Contractor will provide the replacement services (the "Work") during the term of this Agreement to the Equipment. The Contractor will be responsible for the removal and disposal of existing HVAC units and the supply and installation of new energy-efficient units for all designated locations, including but not limited to the Fire Department, Village Hall, and Community Center, as of the date of this contract. If additional equipment is added or deleted, the price will be adjusted accordingly.

All replacement units will be installed in compliance with local, state, and federal regulations, including obtaining necessary permits and ensuring successful inspections. New installations will include properly sizing and securing units, integrating with existing ductwork and controls, and ensuring compatibility with building automation systems where applicable.

The Contractor will perform all necessary work to ensure the safe and efficient operation of the new HVAC systems, including but not limited to:

- Removal and environmentally compliant disposal of old HVAC units
- Installation of new units, including electrical and refrigerant connections
- Testing and commissioning of the new systems to verify proper functionality
- Insulation and sealing of ductwork as needed to maintain system efficiency
- Ensuring units meet all required energy efficiency standards
- Training designated personnel on the proper operation and basic troubleshooting of installed systems

Warranty coverage will be provided for all new equipment installed under this agreement. The Contractor shall coordinate with the manufacturer to ensure warranty compliance and assist in processing any claims that arise within the warranty period. Any

necessary adjustments, minor repairs, or additional support needed to ensure proper operation will be covered within the first 90 days of installation.

All control system integrations, programming, and calibration will remain the responsibility of the Village. The Contractor will not be responsible for any adjustments or modifications to the building's EMS system. Any structural modifications or electrical service upgrades required for proper HVAC installation shall be discussed with and approved by the Village before proceeding.

- Removal and proper disposal of existing HVAC units following all environmental and safety regulations.
- Supply and installation of new energy-efficient HVAC systems, including but not limited to air handlers, condensers, heat exchangers, chillers, boilers, ductwork, thermostats, sensors, and controls.
- Ensure all installations comply with local, state, and federal regulations, including required permits and inspections.
- Testing, commissioning, and balancing of installed systems to ensure optimal performance.
- Provide warranty coverage, troubleshooting, and post-installation support.
- Install and integrate smart and programmable thermostats for energy efficiency.
- Ensure seamless integration with existing building automation systems.

2.2.2 Preventive Maintenance

See Exhibit B for maintenance units.

The Village hereby retains the Contractor to perform the following maintenance services, and the Contractor hereby agrees that, in exchange for the payments set forth below, Contractor will provide the maintenance services (the "Work"), during the term of this Agreement, to the Equipment. Contractor will perform maintenance inspections monthly for all units outlined in Exhibit "B" at the Fire Department, Village Hall, and Community Center as of the date of this contract. If additional equipment is added or deleted, the price will be adjusted accordingly.

At the end of each month, the Contractor shall submit a detailed report outlining the maintenance activities performed on each unit, including a summary of work completed, identified issues, and any corrective actions taken. The report must also include before and after pictures of all serviced equipment to ensure transparency and proper documentation of the work performed.

Filters and belts are included as part of the contract at no extra cost, as well as their replacement along with the cleaning of the drain pans as needed and flushing of the drain lines. Filters provided will be MERV 8 pleated type filters, replaced as needed for each piece of equipment. Condenser coil cleanings for all rooftop or outdoor equipment (a water spigot must be present on the roof) will be performed on a semi-annual basis depending on the condition of the coils. If it is deemed that the coils should not be cleaned due to their condition, we will advise and provide a price to replace the coil. Evaporator coil cleanings are not included in this service agreement.

Trane should be retained by the customer exclusively to provide service and maintenance on the entire EMS system as needed. The Contractor will not be responsible for any controls work or maintenance as part of this agreement.

Comprehensive HVAC Maintenance Scope of Work

1. Inspect and clean drain pans and drain lines to prevent clogs and overflow issues.
2. Inspect and clean blower wheels to maintain airflow efficiency.
3. Inspect and service blower motors to ensure proper function.
4. Inspect and tighten all electrical connections and components.
5. Inspect and test safety controls for proper operation.
6. Check system amperage to ensure compliance with manufacturer's specifications.
7. Inspect and measure temperature differentials across coils for efficiency.
8. Inspect and secure cabinet integrity to prevent air leaks.
9. Test and inspect heating elements and ignition systems.
10. Inspect, test, and calibrate thermostats and humidity controls.
11. Perform a comprehensive leak check for refrigerant lines and components.
12. Lubricate all moving parts, including bearings and motors, as needed.
13. Inspect and adjust fan belts and pulleys, replacing if necessary.
14. Replace air filters with MERV 8 pleated type filters as required.
15. Check refrigerant charge and adjust as necessary per manufacturer guidelines.
16. Inspect and maintain oil levels in applicable systems.
17. Test and inspect compressor function and operation.
18. Inspect and secure hurricane attachments for outdoor units.
19. Inspect and clean energy recovery wheels per manufacturer’s recommendations.
20. Inspect and clean outdoor air intake hoods and mesh filters.
21. Inspect, clean, and maintain condenser coils on a semi-annual basis.
22. Inspect evaporator coils and recommend cleaning or replacement as necessary.
23. Generate and submit a detailed service report identifying any follow-up work needed.

2.2.3 Repair Services

The Contractor shall provide comprehensive HVAC repair services, including but not limited to the following:

- Emergency Repair Services: Provide 24/7 emergency repair services for critical HVAC failures. Response time for emergency calls shall not exceed four (4) hours.
- Troubleshooting & Diagnostics: Identify and diagnose HVAC system failures, including refrigerant leaks, compressor malfunctions, electrical failures, and airflow obstructions.
- Component Replacement & Repair: Repair or replace faulty components such as compressors, motors, capacitors, fans, valves, heat exchangers, coils, and expansion tanks.

- Leak Detection & Refrigerant Management: Conduct leak detection tests, repair refrigerant lines, and ensure compliance with EPA regulations for refrigerant handling and disposal.
- Ductwork & Airflow Repairs: Repair or replace ductwork, insulation, diffusers, dampers, and grilles to maintain proper airflow and indoor air quality.
- Control Systems & Automation: Diagnose, repair, or replace control systems, actuators, sensors, thermostats, and HVAC automation components.
- System Rebalancing: Ensure proper airflow balance and system calibration for optimal performance.
- Safety Compliance: Ensure all repairs comply with OSHA safety regulations and industry standards.
- Follow-Up Inspections: Provide post-repair inspections and ensure systems are operating efficiently before finalizing repairs.

2.2.4 System Optimization & Energy Efficiency

The Contractor shall take proactive measures to improve the energy efficiency and longevity of HVAC systems, including:

- Energy Audits & Efficiency Analysis: Conduct energy audits to identify inefficiencies, provide cost-saving recommendations, and optimize HVAC performance.
- Equipment Upgrades: Recommend and install high-efficiency equipment, including energy-efficient compressors, variable speed motors, and advanced filtration systems.
- Demand-Controlled Ventilation: Implement demand-based ventilation strategies to optimize indoor air quality and energy usage.
- Building Automation Integration: Ensure proper integration with the building's automation system to maximize efficiency and performance monitoring.
- Smart Thermostat & Control Upgrades: Install and configure smart thermostats and programmable controls for optimized energy use.
- Indoor Air Quality (IAQ) Enhancements: Implement IAQ solutions, including high-efficiency air filters, UV purification systems, and humidity control enhancements.

2.2.5 Reporting & Documentation

The Contractor shall provide thorough documentation and reporting, including:

- Maintenance & Repair Logs: Maintain detailed records of all maintenance, repairs, and replacements performed on HVAC equipment.
- Service Reports: Provide detailed service reports, including before and after images of repairs and maintenance tasks.
- Regulatory Compliance Documentation: Maintain and submit reports related to refrigerant usage, disposal, and environmental compliance per EPA regulations.

- Work Order Tracking: Log all completed and pending work orders, ensuring transparency and accountability.
- Performance Recommendations: Submit recommendations for system improvements, component replacements, and lifecycle planning.

2.3 PERFORMANCE REQUIREMENTS

To ensure optimal operation and longevity of HVAC systems, the Contractor shall adhere to the following performance standards:

- System Uptime & Efficiency: Maintain all HVAC systems at peak operational efficiency with minimal downtime.
- Emergency Response Time: Respond to emergency repair calls within four (4) hours of notification.
- Compliance & Safety Standards: Ensure all services comply with local, state, and federal regulations, including OSHA, EPA, and industry best practices.
- Qualified Personnel: Provide certified HVAC technicians trained in system maintenance, repair, and installation.
- Inventory Management: Maintain an inventory of commonly used replacement parts to facilitate timely repairs and minimize downtime.
- Manufacturer Guidelines & Warranty Protection: Ensure all work performed complies with manufacturer specifications and does not void warranty conditions.
- Conduct energy audits to identify inefficiencies and recommend cost-saving measures.
- Upgrade outdated HVAC equipment to improve energy efficiency and sustainability.
- Implement demand-controlled ventilation and advanced airflow management strategies.
- Integrate high-efficiency filtration systems to improve indoor air quality.
- Recommend and implement upgrades to meet LEED and Energy Star standards where applicable.

2.4 CONTRACT TERMS

- **Contract Duration:** The initial contract term shall be one year, with an option for renewal based on the contractor's performance and the Village's needs. Any contract extension shall be mutually agreed upon in writing.
- **Scope of Work Compliance:** The Contractor must adhere to the detailed scope of work outlined in this agreement, ensuring all HVAC maintenance, repair, and installation tasks are completed per industry standards and manufacturer specifications.
- **Payment Terms:** Payments will be processed on a Net 30 basis upon invoice approval. All invoices must include detailed descriptions of the services performed, itemized costs, and supporting documentation.
- **Warranty Requirements:** The Contractor shall provide a warranty for all work performed, including labor and materials, for a minimum period of one year. Warranty claims shall be addressed promptly, and the Contractor shall correct any deficiencies at no additional cost to the Village.

- **Regulatory Compliance:** The Contractor shall comply with all applicable local, state, and federal regulations, including but not limited to OSHA safety standards, EPA refrigerant handling protocols, and industry best practices.
- **Insurance Requirements:** The Contractor must maintain and provide proof of general liability insurance, workers' compensation insurance, and vehicle insurance in accordance with Village requirements. The Village shall be listed as an additional insured.
- **Emergency Services:** The Contractor shall maintain availability for emergency repairs 24/7 and respond to emergency calls within a four-hour window.
- **Performance Reviews:** The Village reserves the right to conduct periodic performance evaluations. Failure to meet contractual obligations may result in contract termination.
- **Work Hours:** Routine maintenance and non-emergency repairs shall be conducted during normal business hours unless prior approval is obtained for after-hours work.

2.5 SUBMISSION REQUIREMENTS

Interested contractors must submit a complete proposal that includes the following:

- **Company Profile & Experience:** Provide an overview of the company, its history, and previous experience in HVAC maintenance, repair, and installation services for municipal or commercial clients.
- **Licensing & Certification:** Submit copies of all required licenses and certifications demonstrating compliance with industry regulations and legal requirements.
- **References:** Provide at least five (5) references from similar projects completed within the past five years, including contact information for verification.
- **Pricing Schedule:** Complete and submit the pricing schedule as detailed in Exhibit B, including unit pricing for maintenance, repairs, and replacements.
- **Proof of Insurance & Bonding:** Submit proof of required insurance coverage and any applicable bonding information.
- **Service Response Time & Emergency Call Procedures:** Outline the company's ability to meet required response times for emergency and non-emergency service calls.
- **Quality Assurance & Compliance Measures:** Describe internal quality control measures and compliance monitoring procedures to ensure service excellence.
- **Equipment & Workforce Availability:** Provide details on the availability of necessary tools, equipment, and qualified personnel required to fulfill the contract obligations.
- **Proposed Work Plan & Execution Timeline:** Submit a detailed plan describing how the contractor will execute routine maintenance, repairs, and replacements, including estimated completion timelines.

2.6 EVALUATION CRITERIA

Proposals will be evaluated based on the following criteria:

- **Competitive Pricing:** Cost-effectiveness of the bid in comparison to industry standards and other submitted proposals.

- **Experience & Qualifications:** The contractor's experience, expertise, and ability to provide the required HVAC services.
- **Response Time & Availability:** The contractor's ability to meet response times for routine and emergency services.
- **Regulatory Compliance:** Compliance with all applicable industry regulations, safety standards, and legal requirements.
- **References & Past Performance:** Feedback from references and demonstrated success in previous projects of similar scope.
- **Quality of Proposal:** The completeness, clarity, and professionalism of the submitted proposal.
- **Resources & Workforce Availability:** The contractor's ability to allocate necessary personnel, tools, and equipment to meet contract demands.

EXHIBIT "A"
Replacement HVAC Units

Location	Unit No.	Manufacturer	Serial No.	Model No.	Mfg. Date	Tonnage
Village Hall	CU-3	Trane	C15C01546	RAUJC254EC03A0D000000	Mar-15	25
Village Hall	CU-4	Trane	C14G04694	RAUJC254EC0310D000000	Jul-14	25
Community Center	3	Trane	143111108D	THH150F4RGB0400010001000000 0000000000000	Aug-14	12.5
Community Center	4	Trane	132710928L	THC120E4R0A000C	Apr-13	10
Community Center	6	Trane	134610146D	THD150F4RGA030001000100000 00000000000000	Nov-13	12.5

The Village of Key Biscayne retains full discretion over the selection and timing of HVAC unit replacements. Not all units listed in the pricing schedule will be replaced simultaneously or within the same fiscal period. The Village reserves the exclusive right to determine which units require replacement based on operational needs, budgetary constraints, and the overall condition of existing equipment. The inclusion of a unit in this schedule does not constitute a guarantee of replacement. Additionally, the Village may defer, modify, or cancel the replacement of any unit at its sole discretion without any obligation to the Contractor. The Contractor shall not proceed with any unit replacement without explicit written authorization from the Village. Pricing provided in this schedule shall remain valid for the duration of the agreement or as otherwise negotiated. Any deviations from the agreed-upon scope or costs must be pre-approved in writing by the Village.

EXHIBIT "B"
Maintenance HVAC Units

Location	Unit No.	Manufacturer	Serial No.	Model No.	Mfg. Date	Tonnage
Village Hall	CU-1	Trane	C23K06281	RAUJC254BF03A0D00002	Oct-23	25
Village Hall	CU-2	Trane	C21B01152	RAUJC254BD0300D00002	Feb-21	25
Village Hall	CU-3	Trane	C15C01546	RAUJC254EC03A0D000000	Mar-15	25
Village Hall	CU-4	Trane	C14G04694	RAUJC254EC0310D000000	Jul-14	25
Village Hall	CU-5	Air-O-Matic	AOMC12NPDJA22	AOMEC12HPDJA22	Feb-20	1
Village Hall	Mini-1	Mitsubishi	3000653T	MUY-GS24NA-U1	Jul-24	2
Village Hall	Mini-2	Mitsubishi	3000705T	MUY-GS24NA-U1	Jul-24	2
Village Hall	Mini-3	Mitsubishi	2001038T	MSY-GS36NA2-U1	Jun-24	3
Village Hall	Storage	American Std.	N/A	N/A	Sep-24	3
Community Center	1	Trane	162510421D	THD240G4RKA04D004000000000A 00000000000000	Jun-16	20
Community Center	2	Trane	235110434L	THJ150A4S0G03B0000001000001 00000000000C0	Dec-23	12.5
Community Center	3	Trane	143111108D	THH150F4RGB04000100010000000 000000000000	Aug-14	12.5
Community Center	4	Trane	132710928L	THC120E4R0A000C	Apr-13	10
Community Center	5	Trane	241210785L	THJ120A4SOG05B	Mar-24	10
Community Center	6	Trane	134610146D	THD150F4RGA03000100010000000 000000000000	Nov-13	12.5
Community Center	7	Trane	16222KYY9H	4TCC4024A1000AA	May-16	2
Community Center	8	Trane	220310203D	THD210G4RKD17D0C500000000000 000000000000	Jan-22	17.5
Community Center	9	Trane	162510421D	THD240G	Jun-16	20
Community Center	Stairwell 1	Mitsubishi	3000518T	MUZ-WR24NA	Jan-23	2
Community Center	Stairwell 2	Mitsubishi	24P06447	MXZ-2C20NA3	Jan-22	1.5
Community Center	Concession	Mitsubishi	N/A	N/A	2023	2.5
Fire Station	Elevator	Mitsubishi	N/A	N/A	2023	1
Fire Station	1	Trane	18221490YA	TTA12043AAA00AE000000	May-18	10
Fire Station	2	Trane	21293592YA	TTA12043CAB01AE000000	Jul-21	10

Fire Station	3	Trane XR	16424K4E1F	4TTR6049J1000AA	Oct-16	4
Fire Station	4	Trane XR	19121U8S2F	4TTR6049J1000AA	Mar-19	4
Fire Station	5	American Std.	216485GAD	TTA09043AAA02BS01	Sep-23	7.5
Fire Station	6	Trane XR	17351JD45F	4TTR6036J1000AA	Aug-17	3
Fire Station	7	American Std.	15354NJM3F	4A7A4036L1000AA	Aug-15	3
Fire Station	8	Trane	22441074TA	TTA18043CAB01AE	Nov-22	15
Fire Station	9	Trane	21232344YA	TTA09043AAB01AE000000	Jun-21	7.5

END OF SECTION 2.

Village of Key Biscayne
Procurement Department
88 West McIntyre Street
Key Biscayne, Florida 33149

Phone (305) 365-7577
procurement@keybiscayne.fl.gov
www.keybiscayne.fl.gov

REVISED EXHIBIT B

VILLAGE OF KEY BISCAYNE

HVAC REPLACEMENT, REPAIRS AND MAINTENANCE SERVICES

PROPOSAL SCHEDULE

NAME OF PROPOSER: Con-Mech, Inc

In response to the Village's invitation to bid and in compliance with the ITB requirements, the undersigned bidder to provide all labor, materials and equipment, all supervision, coordination, all related incidentals necessary to **HVAC REPLACEMENT, REPAIRS AND MAINTENANCE SERVICES** located at the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated 03/25/2025 including Addenda numbered 1 through 1, inclusive, for an all-inclusive Base Bid for **HVAC REPLACEMENT, REPAIRS AND MAINTENANCE SERVICES** includes all incidental costs.

The Contractor understands and agrees that the prices submitted is for the services as indicated in the Scope of Service, including but not limited to, all labor, materials, equipment and permitting.

TABLE – HVAC REPLACEMENT, REPAIRS AND MAINTENANCE SERVICES

The following table provides the unit pricing structure for bidding purposes. Contractors shall complete the table with their proposed unit costs. Units to be replaced must be of the same manufacturer and specifications as the existing units unless otherwise specified or instructed by the Village.

No.	Cost Element	Unit	Frequency	Price
	LABOR			
1	Labor Rate - Project Manager (per hour)	Per hour	N/A	$127.50
2	Labor Rate - Technician (per hour)	Per hour	N/A	$92.00
3	Labor Rate - Helper (per hour)	Per hour	N/A	$65.00
4	Emergency Call-Out Fee (after-hours/weekend)	Per incident	N/A	$215.00
	MARKUPS			
5	Percent Markup on Parts & Materials	%	N/A	5%
6	Percent Markup on Rented Equipment	%	N/A	5%
	SERVICE/MAINTENANCE			
7	Quarterly Preventive Maintenance (per unit)	Per unit		$285.00

8	Filter Replacement (per unit)	Per unit		$85.00
9	Belt Replacement (per unit)	Per unit		$240.00
10	Coil Cleaning (per unit)	Per unit		$375.00
11	Drain Line Cleaning (per unit)	Per unit		$190.00
	OTHER			
12	Installation - Ductwork (per Linear foot)	Per linear ft.	N/A	$110.00
13				
14				
15				

PRICING SCHEDULE FOR FULL REPLACEMENT UNITS

Location	Unit No.	Mfg	Serial No.	Model No.	Mfg. Date	Tonnage	Replacement Cost ($)
Village Hall	CU-3	Trane	C15C01546	RAUJC254EC03A0D000000	Mar-15	25	$73,485.00
Village Hall	CU-4	Trane	C14G04694	RAUJC254EC0310D000000	Jul-14	25	$73,485.00
Community Center	3	Trane	143111108D	THH150F4RGB040001000100000000000000000000	Aug-14	12.5	$30,745.00
Community Center	4	Trane	132710928L	THC120E4R0A000C	Apr-13	10	$26,390.00
Community Center	6	Trane	134610146D	THD150F4RGA030001000100000 0000000000000	Nov-13	12.5	$33,490.00

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Bidder is familiar with the nature and extent of the work and any local conditions or criteria dictated in the ITB .

The undersigned Bidder agrees to do all the work and furnish all materials called for by the ITB Documents. The bidder further agrees that payments will be made based on actual quantities placed and accepted.

Village of Key Biscayne
Procurement Department
88 West McIntyre Street
Key Biscayne, Florida 33149

Phone (305) 365-7577
procurement@keybiscayne.fl.gov
www.keybiscayne.fl.gov

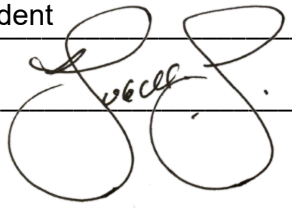
The undersigned Bidder agrees to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for construction of: **HVAC REPLACEMENT, REPAIRS AND MAINTENANCE SERVICES** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: Con-Mech, Inc

Bidder's Name: Yudel Cubillas

Bidder's Email: info@con-mech.com

Bidder's Title: President

Bidder's Signature: 

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 05/15/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Advantage Insurance of America 4520 NW 7th St Miami FL 33126	**CONTACT NAME:** Marta Acosta **PHONE (A/C, No, Ext):** (305) 649-5566 **FAX (A/C, No):** (305) 649-5559 **E-MAIL ADDRESS:** marta@advantageinsuranceofamerica.com
INSURED CON-MECH INC 9802 NW 80th Ave. UNIT 38 Hialeah FL 33016	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A :** Scottsdale Ins Company 41297 **INSURER B :** INFINITY COMMERCIAL AUTO 11738 **INSURER C :** ASCENDANT UNDERWRITERS 13683 **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	x		CPS8171458	03/21/2025	03/21/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000. $ 100,000. $ 5,000. $ 1,000,000. $ 2,000,000. $ 2,000,000.
B	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [X] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			50006499801	04/21/2025	04/21/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC-75484-5	03/28/2025	03/28/2026	[ ] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1000000 $ 1000000 $ 1000000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

AIR CONDITIONING SERVICES
2016 DODGE RAM PROMASTER 3C6TRVAG1GE114769 2018 FORD TRANSIT T-150 CARGO 1FTYE9ZM5JKB20669
2019 FORD TRANSIT T-250 CARGO 1FTYR2CM8KKB64297
State Certified Mechanical Contractor License CMC1250619

Certificate Holder is Listed as additional insured.

CERTIFICATE HOLDER

Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, Florida 33149

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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State of Florida
Department of State

I certify from the records of this office that CON-MECH INC is a corporation organized under the laws of the State of Florida, filed on January 12, 2017, effective January 11, 2017.

The document number of this corporation is P17000003665.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on February 27, 2025, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-seventh day of April, 2025

Secretary of State

Tracking Number: 9977423060CU

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

7222868

RECEIPT NO.
RENEWAL
7507390

EXPIRES
SEPTEMBER 30, 2025

Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

BUSINESS NAME/LOCATION
CON-MECH INC
9802 NW 80TH AVE UNIT 38
HIALEAH GARDENS, FL
33016-2337

OWNER
CON-MEH INC
C/O YUDEL CUBILLAS QUALIFIER

Worker(s) 1

SEC. **TYPE OF BUSINESS**
196 GENERAL MECHANICAL CONTRACTOR

CMC1250619

PAYMENT RECEIVED BY TAX COLLECTOR
45.00 07/15/2024
INT-24-432605

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

MIAMI-DADE COUNTY

CITY OF HIALEAH GARDENS

10001 NW 87 Ave – Hialeah Gardens, Florida 33016

BUSINESS TAX RECEIPT

Business Name:
CON-MECH INC
9802 NW 80 AVE #38
Hialeah Gardens FL 33016

Business Type: CONTRACTOR - OTHER

Date: 07/30/2024

Issued to:
CON-MECH INC
9802 NW 80 AVE 38
HIALEAH FL 33016

LICENSE NO.: BL19996

TOTAL FEES PAID: $237.50

Delinquency Fee: A 10 percent delinquent fee will be imposed if not renewed by October 1 and an additional 5 percent fee is charged for each month thereafter with total fee not to exceed 25 percent.

Notes:
CONTRACTOR OFFICE: No storage, junk yard or display outside premises. No showroom or display. No mechanical work. No retail or wholesale. All business shall be conducted inside of building

Robert Lopez
City License Official

LICENSE EXPIRATION
SEPT. 30 - 2025

LICENSE MUST BE EXHIBITED CONSPICUOUSLY AT YOUR PLACE OF BUSINESS

Ron DeSantis, Governor

Melanie S. Griffin, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE MECHANICAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

CUBILLAS, YUDEL

CON-MECH INC
3511 NW 6TH ST
CAPE CORAL FL 33993

LICENSE NUMBER: CMC1250619

EXPIRATION DATE: AUGUST 31, 2026

Always verify licenses online at MyFloridaLicense.com

ISSUED: 07/11/2024

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



Mainstream Engineering Corporation
Technician Certification

CERTIFIED BY EPA Certified MAINSTREAM ENGINEERING

HVAC Technician Certification
EPA Clean Air Section 608
Program Certification Date: Jan. 26, 1994

YUDEL CUBILLAS
P400E882F4FA560D1

has been certified as Technician Type: **Universal**
as Required by 40CFR Part 82, Subpart F

QwikProducts

OSHA Occupational Safety and Health Administration

26-607604336

This card acknowledges that the recipient has successfully completed:

30-hour Construction Safety and Health

This card issued to:

YUDEL CUBILLAS

Jason Lane Cole
Trainer Name

11/20/2024
Date of Issue

OSHA Training Institute Education Centers
The University of Texas at Arlington

866-906-9190
www.uta.edu/ded/osha

OSHA recommends Outreach Training Courses as an orientation to occupational safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

Use or distribution of this card for fraudulent purposes, including false claims of having received training, may result in prosecution under 18 U.S.C. 1001. Potential penalties include substantial criminal fines, imprisonment up to 5 years, or both.

To verify this training, scan the QR code with your mobile device.

Rev. 1/2016

Internal Services Department
Small Business Development
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

August 28, 2023

Yudel Cubillas
Con-Mech, Inc
9802 NW 80th Ave
Unit 38
Hialeah Gardens, FL 33016

Approval Date: August 18, 2023 Small Business Enterprise - Construction (SBE-Con)
Expiration Date: August 31, 2026

Dear Yudel Cubillas,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD), has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise. The Small Business Enterprise (SBE) programs are governed by Sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes. This Small Business Enterprise - Construction (SBE-Con) certification is valid for three (3) years. However, to validate continuing eligibility, SBD may conduct random audit(s) within the three (3) year certification period. **Failure to provide required documentation for a random audit will initiate the decertification process.**

At the time of expiration, your firm will submit a Re-certification Application at least one hundred and eighty (180) days, but not less than, ninety (90) days, prior to the end of the three (3) year certification term via the County's web-based system, Business Management Workforce System (BMWS). This will ensure sufficient time for process by SBD. **Failure to provide the re-certification application and required supporting documentation will initiate the decertification process.**

If at any time there is a material or business structure change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliations(s) with other businesses or the physical location of the firm, you must notify this office within thirty (30) calendar days of the effective date of the change(s) via the BMWS. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. **Failure to notify SBD of any changes may result in immediate action to decertify the firm.**

This letter will be the only approval notification issued for the duration of your firm's three-year certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code. Your firm's name and tier level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: https://www.miamidade.gov/global/business/smallbusiness/home.page. The categories as listed below affords you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a bidder with Miami-Dade County. To register, you may visit: https://www.miamidade.gov/global/business/procurement/home.page. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at sbdcert@miamidade.gov.

Sincerely,

Jeanise Cummings-Labossiere
Section Chief, Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

NAICS 238220: MECHANICAL CONTRACTORS
NAICS 238220: PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS

State of Florida Certified Mechanical Contractor LIC: CMC1250619

CON-MECH, INC
9802 NW 80th Ave. Unit 38.
Hialeah Gardens, Fl 33016
(305) 414-6324
info@con-mech.com
http://www.con-mech.com

Customer Name: Village of Key Biscayne
Customer Address: 88 W McIntyre St. Key Biscayne, Florida 33149
Project Name: ITB # 2025-05 HVAC Replacement, Repairs, and Maintenance Services

ESTIMATE #: NPI2505-607
EFFECTIVE DATE: 05/16/2025
EXPIRATION DATE: *180 days from the Effective Date.*

ACTIVITY

Provide all equipment, parts, materials and labor for the replacement, repair, service, and maintenance of HVAC equipment as described in Section 2, Exhibits A and B of the Bid Documents.

Company Background

Founded in January 2017, Con-Mech, Inc is a Florida Certified Mechanical Contracting company serving commercial, and residential customers in Miami-Dade, Broward, Monroe and Palm Beach counties. With personnel with more than 20 years of experience in the field, including our founder Yudel Cubillas, a Mechanical Engineer graduated in Cuba in 2006, we combine expertise with honesty, punctuality, respectfulness, and reliability; values that must be an integral part of a company in pursue of complete customer satisfaction.

Our company is proud of being a Miami-Dade County Certified Small Business Enterprise (SBE) and has been able to participate and complete projects for Miami Dade Water and Sewer Department, Miami International Airport, City of Hollywood Regional Waste Water Treatment Plant, among other municipalities. We have been also able to build a long

lasting relationship with private commercial customers and buildings HOA as Ocean 3 Condo, The Grand Condominium, and Grove Gardens Condo for only cite a few of them.

Being an authorized contractor for well known manufacturers like Trane, Carrier, Rheem, Mitsubishi, Aaon, Marley and others, we have been able to complete projects of all sizes, from small residential units to large capacity Air Cooled Chillers, RTUs, Water Source Heatpumps, Condensing Units, Cooling Towers and all associated condensate water piping and pumps.

Response Time and Resources

As we understand the importance of air conditioning, ventilation, and mechanical systems we have developed a system that allows us to minimize the response time to provide emergency services to our customers. We answer calls 24/7 and dispatch technicians to jobsites within 2 hours in most cases. Our service vehicles are well equipped with most common parts and materials required to repair equipment right on the spot. In our warehouse we have most heavy tools and equipment required to accomplish large repairs without having to rent specialty tools that may not be readily available when needed. But for those cases that require it, we have partnered with reliable companies and now have a very trustful network of specialized companies (i.e. crane, freight) that share our same values towards customer satisfaction.

Proposed Project Schedule

I- Replacement HVAC Units

a) City Hall CU replacement: To minimize downtime, traffic interruption, and considering the complexity of the ridging process due to the location of the units to be replaced and the fact that the parking lot by the Police Department cannot be used (as information provided during the Pre-Bid Meeting), and to reduce the permit fees to be paid by customer for crane and police, we recommend the following schedule:

Day 1 to be a Thursday starting after office hours: Recovering of refrigerant and disconnection of both CUs so they are ready for next day early morning commence the removal process

Day 2 Friday: Crane day. Removal of existing and set new CUs in place and commence connection/installation labor procedure. We will continue to work during the weekend (while the office is closed) and both CUs should be up and running by Monday morning.

Day 3 Saturday: Completing installation, connection and pre-start-up procedure.

Day 4 Sunday (if required): Start-Up

Following this schedule, while the completion time is expected to be 3-4 days, the effective downtime for the replacement of both CUs will be only 1 day.

If weekend work is not allowed, then the same schedule would be followed, choosing the three consecutive working days that best suits the customer's needs.

b) Community Center:

Option A. Removal and set in place of all three units same day. Advantage: Minimizes traffic closure/disruption to just one day. Also reduce the permit fees to be paid by customer for crane and police. Disadvantage: All three sections of the community center being served by the three units to be replaced will be without AC at the same time.

Day 1 (Weekday to be chosen by customer): Crane day. Disconnection and removal of existing Units. Installation of curb adapter (where required), and set in place of all three new units. Pre-start-up and start-up of one unit (the unit that customer deems more important to be operative next day).

Day 2: Pre-start-up and start-up of the other two units that were not started-up on Day 1.

Option B. Removal and installation of one unit per day. Advantage: Minimizes the downtime to only one day per section served by the AC being replaced. Disadvantage: Increases traffic closure/disruption and increases costs for permit and police fees.

Day 1 (Weekday chosen by customer): Crane day. Disconnection and removal of existing Unit. Installation of curb adapter (where required), set in place, pre-start-up, and start-up procedure of newly installed Unit.

II. Maintenance HVAC Units.

To be determined after meeting with customer to know details about offices' peak hours, accessibility and priorities to effectively create a maintenance plan to minimize service interruptions.

Con-Mech, Inc intends to conduct maintenance procedure at a pace of 4 Units per day, completing all units in 7 consecutive days (working days). Reports will be provided to customer 48-72 after completion of each maintenance period. For those units which immediate corrective actions/repairs are required, customer will be informed immediately after completion of maintenance/inspection for said Unit.

Customer Relationship

It is Con-Mech, Inc goal to provide dedicated service for those customers under direct contract with the company. For that purpose, Con-Mech, Inc will designate an account manager, senior technician, and helper for this specific contract. Our experience has demonstrated that this is the best approach as it increases and facilitates to build an in depth relationship with customers and reduces the service time because technician become very familiar with all the equipment involved at the different locations/buildings included in the contract.

In addition to being able to call our office 24/7 to request a service call, as a preferred customer you will be provided with the technician(s) and account manager mobile phone so you can reach them directly at any time. That is sometimes a time and money saving approach!

Scope of Work / Equipment Schedule / Pricing / Special Forms / Terms

Attached as Bid Submission Requirements section in Bid Package.

			Comfort Tech Air Conditioning Inc.		Con-Mech Inc.		Cool Water Air Conditioning		Hands On Development		Southern Comfort Solutions Inc.	
			29 Years		8 Years		7 Years		7 Years		20 Years	
No.	Cost Element	Unit	Frequency	Price	Frequency	Price	Frequency	Price	Frequency	Price	Frequency	Price
	LABOR											
1	Labor Rate - Project Manager (per hour)	Per hour	N/A	140.00		127.50		180.00		125.00		150.00
2	Labor Rate - Technician (per hour)	Per hour	N/A	110.00		92.00		150.00		95.00		125.00
3	Labor Rate - Helper (per hour)	Per hour	N/A	80.00		65.00		120.00		65.00		75.00
4	Emergency Call-Out Fee (after-hours/weekend)	Per incident	N/A	560.00		215.00		1,000.00		250.00		375.00
	MARKUPS											
5	Percent Markup on Parts & Materials	%	N/A	15%		5%		15%		10%		20%
6	Percent Markup on Rented Equipment	%	N/A	15%		5%		15%		10%		20%
	SERVICE/MAINTENANCE											
7	Quarterly Preventive Maintenance (per unit)	Per unit		450.00		285.00	4.00	1,000.00		350.00	Quarterly	125.00
8	Filter Replacement (per unit)	Per unit		250.00		85.00		250.00		25.00	Quarterly	75.00
9	Belt Replacement (per unit)	Per unit		850.00		240.00		250.00		40.00	Quarterly	40.00
10	Coil Cleaning (per unit)	Per unit		1,400.00		375.00		1,000.00		180.00	Semi-Annual	225.00
11	Drain Line Cleaning (per unit)	Per unit		320.00		190.00		250.00		150.00	Quarterly	10.00
	OTHER											
12	Installation - Ductwork (per Linear foot)	Per linear ft.	N/A			110.00		40.00		45.00	1.5" Fiberglass	175.00
13	20X20 Metal Ductwork			92.00								
14	20X20 Fiberglass Ductwork			65.00								
15												
	Location/Serial #/ Unit #/ Mfg.	**Mfg. Date**	**Tonnage**	**Replacement Cost ($)**		**Replacement Cost ($)**		**Replacement Cost ($)**		**Replacement Cost ($)**		**Replacement Cost ($)**
	FULL REPLACEMENT											
16	Village Hall - C15C01546 - CU-3 - Trane	15-Mar	25	82,575.00		73,485.00		59,000.00		19,250.00		49,000.00
17	Village Hall -C14G04694 - CU-4 - Trane	14-Jul	25	82,575.00		73,485.00		59,000.00		19,250.00		49,000.00
18	Community Center - 143111108D - 3 - Trane	14-Aug	12.5	69,470.00		30,745.00		55,000.00		9,625.00		43,000.00
19	Community Center -132710928L - 4 - Trane	13-Apr	10	60,275.00		26,390.00		52,000.00		7,700.00		40,000.00
20	Community Center - 134610146D - 6 - Trane	13-Nov	12.5	69,225.00		33,490.00		55,000.00		9,625.00		43,000.00

LOWEST PRICE
2nd LOWEST PRICE

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Grant Administration Support Services Contract

RECOMMENDATION

Recommend the Village Council authorize the Village Manager to negotiate and execute an agreement with BellTower Consulting Group LLC for Grant administration support services. The agreement will be for a one-year term with four optional one-year extensions at hourly rates for services, with the first year not to exceed $49,500.

DISCUSSION

Purpose: This agreement will provide comprehensive grant administration support services to assist the Village in maximizing grant funding opportunities, ensuring compliance with grant requirements, and optimizing financial management of grant funds from local, state, and federal sources.

Background: The Village of Key Biscayne has secured numerous grants over recent years, including FDOT Transit Development Program funding, Hazard Mitigation Grant Program awards, and Resilient Florida Infrastructure grants. These grants have provided millions of dollars for critical infrastructure improvements, transit services, and resilience projects. The increasingly complex grant landscape and competitive funding environment necessitates professional grant administration support to maintain and expand our success rate.

Justification: With BellTower's support, the Village will be able to continue to pursue new grant opportunities without over burdening internal resources and systems. The Village of Key Biscayne manages a complex portfolio of grants from federal, state, and local sources, with multiple specialists. currently supporting various grant programs. This decentralized approach, while leveraging subject-matter expertise, has created challenges in coordination, compliance tracking, and administrative efficiency. The selection of BellTower Consulting Group LLC as the Village's grant support consultant addresses these critical operational needs by establishing comprehensive data collection, tracking, and reporting systems that will fundamentally transform our grant management approach from fragmented to fully integrated.

BellTower will serve as administrative and reporting support, providing essential coordination and integration services. Their responsibilities will include:

- **Standardized Systems and Processes:** Creation of a unified Grant Tracking Tool and Grant

Documentation Standard Operating Procedures (SOP) to ensure consistency across all grant programs, regardless of which consultant or staff member is involved. This standardization will improve audit readiness and streamline reimbursement.

- **Pursuit Support**: Provide personalized grant opportunities to the Village to meet strategic programming and project needs.
- **Administrative Integration:** Acting as the "internal translator" between different grant management systems (FEMA GO, FDOT, DEP) and Village processes, ensuring seamless communication.
- **Gap Identification and Coverage:** Providing direct grant writing and administration services where no specialized consultants are currently engaged, while also filling administrative gaps (such as reimbursement submissions and compliance reviews) that existing consultants don't cover under their current scopes.
- **Strategic Coordination:** Facilitating collaboration between existing specialized consultants on multi-source applications and joint funding opportunities, maximizing the Village's ability to leverage multiple funding streams for complex projects.

BellTower's has demonstrated ability to work collaboratively with other consultants, a comprehensive understanding of various grant systems, and commitment to developing customized tracking and management tools specific to the Village's needs.

The investment in this support will yield returns through increased success rates on multi-source applications, improved speed of reimbursements, improved grant compliance, reduced staff time on administrative tasks, and enhanced audit readiness across all grant programs.

Implementation/Integration Plan
Upon contract execution, BellTower will begin providing grant administration services including opportunity research, grant writing, compliance monitoring, and technical assistance. One of their first tasks will be to set up a grant tracking and reporting dashboard which will streamline access to data and metrics on grants village wide. The first contract year will function on an hourly basis not to exceed the framework. This will allow the Village to gauge the annual cost for this type of support and evaluate its effectiveness before signing on for multiple years.

RESOURCE IMPACT

Recurring Funding: The contract provides for annual renewals up to four additional years, subject to satisfactory performance and budget availability.

Personnel: No additional Village staff required; this contract provides specialized grant expertise without expanding internal staffing.

Training: BellTower will provide ongoing technical assistance and knowledge transfer to Village staff as part of their services.

FUNDING SOURCES

GL Code: 001-1610-516-34.90
Budget Line-Item: Professional Services - Grant Administration
Amount: Not to exceed $49,500 for Year 1

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

This contract supports multiple Village strategic goals by:

- Maximizing external funding sources to reduce taxpayer burden
- Enhancing fiscal sustainability through diversified revenue streams
- Improving operational efficiency through professional grant management

ATTACHMENT(S)

- RFQ No. 2025-01 Specifications
- Procurement Documents
- BellTower Consulting Group LLC Agreement and Pricing
- Evaluation Committee Award Recommendation Memorandum

Prepared by: Colleen Durfee, CIP and Grants Manager

Department Director: Christopher Miranda | Public Works Director

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING BELLTOWER CONSULTING GROUP, LLC FOR GRANT ADMINISTRATION SUPPORT SERVICES PURSUANT TO REQUEST FOR QUALIFICATIONS (RFQ) NO. 2025-01 IN AN AMOUNT NOT TO EXCEED $49,500 ANNUALLY; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on February 20, 2025, the Village of Key Biscayne (the "Village") issued Request for Qualifications No. 2025-01 (the "RFQ") seeking proposals from qualified firms to provide grant administration support services (the "Services"); and

WHEREAS, twelve sealed proposals were received by the RFQ deadline; and

WHEREAS, after review and consideration of the RFQ responses, the Evaluation Committee ranked Belltower Consulting Group, LLC (the "Consultant") as the highest ranked firm to provide the Services; and

WHEREAS, the Village Council desires to select the Consultant to provide the Services and authorize the Village Manager to negotiate and execute an agreement, in substantially the form attached hereto as Exhibit "A" (the "Agreement"), in an amount not to exceed $49,500 annually; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. Selection. That the Village Council hereby selects the Consultant for the Services.

Section 3. **Authorization.** That the Village Council hereby authorizes the Village Manager to negotiate and execute the Agreement with the Consultant, in substantially the form attached hereto as Exhibit "A," in an amount not to exceed $49,500 annually, subject to the approval of the Village Attorney as to form, content, and legal sufficiency.

Section 4. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

PROFESSIONAL SERVICES AGREEMENT

BETWEEN

THE VILLAGE OF KEY BISCAYNE

AND

BELLTOWER CONSULTING GROUP, LLC

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **BELLTOWER CONSULTING GROUP, LLC,** a Florida limited liability company (hereinafter, the "Consultant").

WHEREAS, on February 20, 2025, the Village issued Request for Qualifications No. 2025-01 (the "RFQ") seeking proposals from qualified firms to provide grant administration support services (the "Services"), which scope of services is attached hereto as Exhibit "A"; and

WHEREAS, on August 19, 2025, the Village Council adopted Resolution No. 2025-__ selecting the Consultant for the Services and authorizing the Village Manager to negotiate and execute an agreement with the Consultant; and

WHEREAS, the Consultant will perform services on behalf of the Village, all as further set forth in the Proposal dated _____, 2025, attached hereto as Exhibit "A" (the "Services"); and

WHEREAS, the Consultant and Village, through mutual negotiation, have agreed upon a fee for the Services; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. **Scope of Services.**

1.1. Consultant shall provide the Services set forth in the Scope of Services attached hereto as Exhibit "A" and the Proposal attached hereto as Exhibit "B" and incorporated herein by reference (the "Services").

1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. **Term/Commencement Date.**

2.1. The term of this Agreement shall be from the Effective Date through one year thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village

Manager may renew this Agreement for four additional one-year periods on the same terms as set forth herein upon written notice to the Consultant.

2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. Compensation and Payment.

3.1. Compensation for Services provided by Consultant shall be in accordance with the Proposal attached hereto as Exhibit "A." Consultant shall be compensated in an amount not to exceed $49,500 annually.

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

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5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village, and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days

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after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. Additional Insured. Except with respect to Professional Liability Insurance and Worker's Compensation Insurance**,** the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. Deductibles. All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. Nondiscrimination. During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. Attorneys Fees and Waiver of Jury Trial.

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY,

VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. Indemnification.

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this

Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes. IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

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Custodian of Records:	**Jocelyn B. Koch**
Mailing address:	**88 West McIntyre Street**
	Key Biscayne, FL 33149
Telephone number:	**305-365-5506**
Email:	**jkoch@keybiscayne.fl.gov**

17. **Nonassignability.** This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. **Severability.** If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. **Independent Contractor.** The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.** The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **State Required Affidavits.** By entering into this Agreement, the Consultant agrees to review and comply with the following state affidavit requirements:

24.1. Public Entity Crimes Affidavit. Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

24.2. Scrutinized Companies. Consultant certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, Florida Statues, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement. If this Agreement is for more than one million dollars, the Consultant certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, Florida Statutes. Pursuant to Section 287.135, Florida Statutes, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

24.3. E-Verify Affidavit. In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Consultant acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

24.4. Noncoercive Conduct Affidavit. Pursuant to Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes. By entering into this Agreement, the Consultant acknowledges that it has read Section 787.06, Florida Statutes, and will comply with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

24.5. Prohibition on Contracting with Entities of Foreign Concern. Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the

laws of or has its principal place of business in a foreign country of concern. By entering into this Agreement, the Consultant acknowledges that it has read Section 287.138, Florida Statutes, and complies with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

25. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. Conflicts. In the event of a conflict between the terms of this Agreement and any exhibits or attachments hereto, the terms of this Agreement shall control.

[Remainder of page intentionally left blank. Signature pages follow.]

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch, CMC
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONSULTANT

By: _____

Name: _____

Title: _____

Entity: _____

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

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E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____
Print Name: _____
Title: _____
Entity Name: _____

ACKNOWLEDGMENT

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20___, by_____ (name of person) as _____ (type of authority) for _____ _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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AFFIDAVIT ATTESTING TO
NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of _____, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

DRAFT

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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EXHIBIT A
SCOPE OF SERVICES

The Scope of Services are those contained in the Proposal dated _____, 2025, attached hereto and incorporated herein by reference.

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PROCUREMENT DOCUMENTS LINK

RFQ # 2025-01 Village of Key Biscayne Grant Administration Support Services

Below are links to procurement documents for:
(click on each line for document)

1. **Request for Qualifications (RFQ)**
2. **Addendum No.1 to RFQ**
4. **Bid Tabulation Sheet**
5. **Evaluation Committee Meeting Minutes**
6. **Evaluation Recommendation**
7. **Recommended Proposal – BellTower Consulting Group LLC.**
8. **Purchase Requisition – N/A**

Daren Jairam, MBA, MHC
Procurement Officer
djairam@keybiscayne.fl.gov
305-365-7577

VILLAGE OF KEY BISCAYNE
88 West McIntyre Street
Key Biscayne, Florida 33149

REQUEST FOR QUALIFICATIONS

RFQ # 2025-01

VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES

RFQ Release Date:	**February 20, 2025**
Pre-Proposal Conference**:**	**March 11, 2025, 10:00 A.M.**
Written Questions Due:	March 13, 2025, 9:00 A.M.
Response to Questions:	March 18, 2025
Proposals Due/Opening:	**April 03, 2024, 11:30 A.M.**

Submit To:

Via DemandStar
https://www.demandstar.com

PUBLIC NOTICE

VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES

PUBLIC NOTICE AND ADVERTISEMENT FOR BIDS

REQUEST FOR QUALIFICATIONS
RFQ # 2025-01

Pre-Bid Conference: **MARCH 11, 2025,** AT 10:00 AM
Proposal Deadline/Opening: **APRIL 03, 2025,** AT 11:30 AM

The Village of Key Biscayne ("Village") has issued a Request for Qualifications ("RFQ") to interested, qualified and licensed contractors in the State of Florida, for the following services/project: **VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES. The Village of Key Biscayne encourages small and minority business, women's business enterprises, and labor surplus area firms to submit proposals.**

Proposals must be received by the deadline date, submitted to:

DEMANDSTAR
https://www.demandstar.com

Bid packages will be available on the Village's website www.keybiscayne.fl.gov/procurement or may be available on Demandstar. For further information contact:

Procurement
procurement@keybiscayne.fl.gov

Any questions, comments, request for information or clarification must be submitted to procurement@keybiscayne.fl.gov and received no later than, **March 13, 2025,** 9:00 a.m. Bidders, their agents, and associates are encouraged not to contact or solicit any Village Council Member, Village employee, or official regarding this RFP/ITB/RFQ after the bid opening. Only that individual listed above as the contact person shall be contacted.

Dated: **FEBRUARY 20, 2025**

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SECTION 1. INFORMATION FOR THE PROPOSERS

1.1 GENERAL INFORMATION/STATEMENT OF PURPOSE

The Village of Key Biscayne (the "Village"), a municipality located in Miami-Dade County, Florida, is requesting proposals from qualified and experienced firm to provide comprehensive grant administration support services.

Services shall be in full accordance with the specifications, terms and conditions contained in Section 2 of this Request for Qualifications (RFQ).

1.2 INTRODUCTION/BACKGROUND

The Village of Key Biscayne (the “Village”) is located on an island approximately six (6) miles into Biscayne Bay and connected to the mainland via the Rickenbacker Causeway. Crandon Boulevard, a four-lane road with a median, bisects the Village. Shopping centers and single purpose commercial buildings line Crandon Boulevard. Towards the west lies single family homes. The east side of Crandon Boulevard contains mid to high rise multiple family buildings, one single family district, townhomes, and another single-family area that is part of a planned unit development. The incorporated Village is flanked by two large parks: Crandon Park to the north and Bill Baggs Cape Florida Recreation Area to the south. The latter receives over a million visitors per year and is a major contributor to traffic congestion on the weekends and holidays. The Village is the home to approximately 15,000 residents residing on 1.25 square miles.

The Village is committed to efficient government administration. A small core of the Village staff has been serving its residents, businesses, and visitors exceptionally well through their dedication and with the help of consultants, contractors, and service providers who also have been committed to providing quality products at competitive prices. We expect to continue this tradition.

1.3 FEDERAL/STATE OR LOCAL GRANT FUNDED

Grants may be funded by a variety of entities, including local, state, federal agencies, or a combination of these sources. The selected firm will play a critical role in assisting the Village with the comprehensive management of these diverse funding streams. Responsibilities will include ensuring compliance with applicable regulations, preparing and submitting required documentation, and effectively monitoring and reporting on grant activities.

To optimize the full potential of each grant, the firm must possess extensive knowledge and demonstrated experience in navigating the complexities of grants at all levels. This includes understanding the unique requirements, deadlines, and reporting criteria for each funding source, as well as identifying opportunities to leverage additional funding where possible. The Village seeks a partner capable of maximizing resource allocation while ensuring transparency, accountability, and successful program outcomes.

1.4 SUSPENSION/DEBARMENT

A prospective Bidder that is listed on the government-wide Excluded Parties List System in the System for Award Management (www.SAM.gov), or that is suspended or debarred by the State of Florida, cannot be awarded a contract.

1.5 DISADVANTAGED BUSINESS & WORKER UTILIZATION

Bidders are encouraged to utilize small, women and minority-owned businesses as subcontractors whenever possible. Lists of local certified businesses are available on Miami-Dade County's website at https://mdcsbd.gob2g.com/frontend/searchcertifieddirectory.asp In addition, Proposers may request assistance from organizations such as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

Proposers who intend to hire additional workers for Village projects are encouraged to hire local workers. CareerSource South Florida maintains a job clearinghouse that can assist in connecting contractors with trained local construction workers.

1.6 VILLAGE RIGHTS

The Village reserves the right to award one or more contract(s) to the Respondent(s) in accordance with what the Village deems in its best interest. Notwithstanding, the Village may, at its sole discretion, reject all responses and cancel the solicitation, in which case no award will be made.

The Village reserves the right to accept or reject any or all Responses, based upon its deliberations and opinions. In making such determination, the Village reserves the right to investigate the financial capability, integrity, experience and quality of performance of each Consultant, including officers, principals, senior management and supervisors as well as the staff identified in the RFQ.

The Village also reserves the right to waive minor variations or irregularities in the Responses.

1.7 SCHEDULE OF EVENTS

The Village, at its sole discretion, may delay the scheduled due dates if it is to the advantage of the Village to do so. The Village will notify Contractors of all changes in scheduled due dates by written addendum through DemandStar. The following schedule shall govern this RFQ. The Village reserves the right to change the scheduled dates and times at its sole discretion.

No.	Event	Date
1	Advertisement/ Distribution of RFQ	February 20, 2025
2	**Pre-Submittal Conference Meeting** Key Biscayne BZP Conference Room, Suite # 250 88 West McIntyre Street, Key Biscayne, Florida 33149	**March 11, 2025** at 10:00 AM
3	**Closing Date for Proposal Questions**	**March 13, 2025 at 9:00 AM**
4	Village's Answers to Questions by Proposers	March 18, 2025
5	**Proposals Due / Opening Online See Section 3.5**	**April 03, 2025 at 11:30 AM**
6	Staff Member's Review of Technical Proposals	April 08, 2025
7	Reference Checks	April 08, 2025
8	Evaluation Committee Meeting / Short List	April 15, 2025
9	Presentations	TBD
10	Final Selection/Rank	April 29, 2025
11	Award Recommendation	May 01, 2025 or later
12	Contract Negotiation	May 15, 2025 or later

1.8 REQUEST FOR INFORMATION (RFI)

Vendors may request additional information, clarification, or modifications in the form of a Request for Information ("RFI"). Vendors seeking such information must email their RFIs to procurement@keybiscayne.fl.gov in order to receive a response. The request must include the contractor's name, the RFQ number, and RFQ title. Any RFI must be submitted prior to the deadline for questions indicated in the schedule of events in Section 1.7 to receive a response. Late or mis-delivered requests may not receive a Village response.

The Village will issue responses to RFIs, and any other corrections or amendments it deems necessary, in the form of a written addendum. The Village, at its sole discretion, may not issue a response to an RFI. Vendors should not rely on any representations made outside of these written addenda. Where a conflict appears between the RFQ and any issued addenda, the last addendum issued will prevail.

1.9 ADDENDA

Should revisions to the procurement documents become necessary, the Village will post any addendum(s) to DemandStar and the Village of Key Biscayne website www.keybiscayne.fl.gov/procurement. If a Contractor fails to acknowledge receipt of any such Addendum when submitting its SOQ, its SOQ will nevertheless be construed as though the Addendum had been received and acknowledged, and the submission of its SOQ will constitute acknowledgement of the receipt of the same. However, the Village may also, at its discretion, deem the SOQ as non-responsive.

Any Addenda prepared and issued by the Village prior to opening of SOQs for the purpose of changing the intent of the plans or specifications or clarifying the meaning of same shall be binding in the same way as if written in the specifications. Any Addenda issued prior to the execution of the contract shall be binding upon the Contractor after the execution of the agreement.

1.10 DISCREPANCIES, ERRORS AND OMISSIONS

Any discrepancies, errors, or ambiguities in the RFQ or addenda (if any) should be reported in writing to the Procurement Division at procurement@keybiscayne.fl.gov. If applicable, the Village will issue a written addendum to the RFQ clarifying such conflicts or ambiguities. It is agreed that any such alleged discrepancies, errors, or omissions will not be construed against the drafting party.

1.11 CERTIFICATION

The signer of the Response (to this RFQ) must declare by signing the Forms included in Section 6 that the person(s), firm(s) and parties identified in the Response are interested in and available for providing the Services; that the Response is made without collusion with any other person(s), firm(s) and parties; that the Response is fair in all respects and is made in good faith without fraud; and that the signer of the cover letter of the Response has full authority to bind the person(s), firm(s) and parties identified in the Response.

1.12 PRE-SUBMITTAL CONFERENCE

A **NON-MANDATORY** Pre-Submittal conference meeting/site visit will be held on **March 11, 2025,** at 10:00 a.m. at the **Key Biscayne BZP Conference Room, Suite # 250, Key Biscayne, Florida 33149.** All interested proposers are encouraged to attend.

It is the sole responsibility of the Proposer to inspect the project site and become familiar with the scope of the Village's requirements and systems prior to submitting a proposal. No variation in price or

conditions shall be permitted based upon a claim of ignorance. Submission of a proposal will be considered evidence that the Proposer is familiar with the nature and extent of the work, equipment, materials, and labor required.

1.13 VILLAGE AUTHORITY

Proposals will be selected at the sole discretion of the Village. The Village reserves the right to waive any irregularities in the request process, to reject any or all proposals, reject a proposal which is in any way incomplete or irregular, re-bid the entire solicitation or enter into agreements with more than one Proposer. Proposals received after the deadline provided in this RFQ will not be considered.

1.14 RESPONSE/PRESENTATION COSTS

The Village shall not be liable for any costs, fees, or expenses incurred by any Vendor in responding to this RFQ, nor subsequent inquiries or presentations relating to its Response.

1.15 TERMS OF ENGAGEMENT

The Vendor, by submission of its Proposal, agrees to the terms and conditions contained in its contract and further agrees to execute the Contract without change. Notwithstanding, the Village, in its sole discretion, reserves the right to negotiate the final contract price or any terms and conditions.

The initial contract term is for three (3) years with the option to extend at its sole discretion for two (2) one-year (1-year) renewal terms for the maximum of five (5) years. The Proposer understands that this RFP does not constitute an agreement or a contract with the Proposer. A proposal is not binding until proposals are approved by the Village of Key Biscayne Council and both parties execute a written contract.

Proposals that are conditioned to additions, deletions, or revisions to the Contract's terms and conditions will be rejected as non-responsive.

1.16 NOTICE TO PROCEED

The Successful Proposer shall not begin work until the Village issues a written Notice to Proceed ("NTP"). Work performed by the Successful Proposer prior to receiving NTP shall be deemed non-compensable by the Village. The Successful Proposer shall not have any recourse against the Village for prematurely performing unauthorized work.

END OF SECTION 1.

SECTION 2. SCOPE OF SERVICES

2.1 PROJECT DESCRIPTION:

The Village of Key Biscayne seeks a qualified firm to provide comprehensive grant administration support services. The firm will assist the Village in administering various grants and loans, ranging from local, state, and federal levels, including but not limited to:

- FDOT (Florida Department of Transportation)
- Miami-Dade County TPO
- FDEP (Florida Department of Environmental Protection)
- FDEP CWSRF (Clean Water State Revolving Loan Fund)
- FDEM (Florida Division of Emergency Management)
- FEMA Hazard Mitigation Grant Program (HMGP)
- Federal Community Funding Projects / Environmental Protection Agency (EPA)
- Miami-Dade County Road Impact Fee/Multi-modal Fee (RIF/MMF) Joint Partnership Agreements (JPA)

These services will ensure compliance with grant requirements and optimize financial management of grant funds.

2.2 KEY RESPONSIBILITIES

1. Grant Reporting and Documentation
   - Prepare and submit required reports to grant issuing agencies.
   - Maintain accurate records of grant activities, including performance metrics, spending, and outcomes.
   - Track progress of grant-funded projects and prepare progress reports for Village Staff and leadership as needed.
   - When necessary, compile internal Village of Key Biscayne Staff hours worked for reimbursement.
2. Compliance Management
   - Ensure compliance with all local, state, and federal regulations regarding grants, including procurement and financial management standards.
   - Advise the Village on necessary procurement requirements and contract provisions for goods and services funded with grant dollars based on grant funding source (state, federal, etc.) prior to grant application submission.
   - Coordinate responses to requests for information (RFIs) or audits from grant administrators.
3. Reimbursement Management and Invoicing
   - Track and manage invoices related to grant-funded projects to ensure timely submission and payment.
   - Submit reimbursement requests. Compile supporting documentation such as invoices, receipts, and other proof of expenditures.
4. Grant Tracking and Financial Management

- Adapt and improve upon the Village's current grant tracking system to manage grant timelines, key deadlines, deliverables, and financial data.
- Track and report on the financial status of each grant, including funds remaining, funds spent, funds received in reimbursement, and outstanding reimbursements.

5. Grant Opportunity Evaluation and Identification
   - Monitor and track changes in grant program priorities and goals and advise the Village on how to adapt to these changes to remain competitive.
   - Research and evaluate potential grant opportunities that align with the Village's strategic goals, projects, annual budget cycle, and funding needs.
   - Assist the Village in preparing applications for new grants, including gathering required documents, developing grant narratives, and project descriptions.
6. Meeting Attendance
   - Attend Council meetings upon request.
   - Attend staff meetings upon request.

2.3 REQUIRED QUALIFICATIONS:

- At least five years' experience administering a variety of grant types, including Federal, State and local agency grants.
- Proven record of managing large-scale, multi-year grants, including complex reimbursement processes where a project may have several grants attached to different components of it.
- In-depth knowledge of requirements of using federal and state dollars related to procurement, financial reporting, and compliance. Strong knowledge of Federal Compliance including 2 CFR Part 200.
- Familiarity with granting agency reporting platforms such as FEMA GO, Grants.gov, etc.
- Ability to manage multiple grants simultaneously, ensuring timely completion of reporting and reimbursement requests.
- Experience creating and managing internal tracking systems to stay ahead of deadlines and ensure compliance.
- Ability to function as liaison between Village staff, project managers, and other consultants to gather necessary data and documents for grant management.

2.4 SCOPE OF ANNUAL SERVICES TO BE PROVIDED:

This contract aims to support Village staff in managing and administering specific grant awards, easing the administrative load associated with these projects. The Village currently has about 20 active grants constantly evaluates grant pursuit opportunities. As the Village continues to secure awards, this contract will ensure that dedicated resources are available to manage awarded grants effectively. This approach allows the Village to maintain focus on pursuing new opportunities while efficiently administering the existing grants. In addition to the Key Responsibilities listed above, the following deliverables will be included in this scope of work.

2.4.1 Contract Deliverables (Year 1 of Contract)

- Grant reimbursement tracking system
- Grant tracking and monitoring system
- Grant management folder structure
- Grant pursuit evaluation criteria

2.5 VILLAGE OF KEY BISCAYNE CURRENT PURSUITS AND ACTIVE AWARDS:

The Village does not expect this contract to provide administrative support on all the grants listed below. This list serves to provide background information related to the types of grants the Village is aware of, pursuing, or has active grant agreements with.

- Environmental Protection Agency Community Funding Program
- FEMA Reimbursements for Disaster Expenses
- Resilient Florida
- Biscayne Bay Water Quality Grant
- Hazard Mitigation Grant Program
- Miami-Dade Neat Streets Grant
- Miami-Dade County Road Impact Fee / Multimodal Fee
- Florida Recreation Development Assistance Program
- Land and Water Conservation Fund
- Recreational Trails Program
- Coastal Partnership Initiative
- Beach Management Funding Assistance Program
- Transit Development Program Grant
- Transportation Planning Organization Municipal Planning Grant
- Miami-Dade Neat Streets Grant
- Transportation Alternatives Grant Program
- FDOT Traffic Safety Grant
- Agency for Persons with Disabilities Programmatic Grant
- Assistance with Fire Fighters Grant
- Fire House Sub Grant
- National Endowment for the Arts (Challenge America)
- Waterways Assistance Program (Florida Inland Navigation District)

2.6 PROPOSAL SUBMISSION REQUIREMENTS:

Firms interested in providing grant administration support services for the Village of Key Biscayne must submit a proposal that includes the following:

- An overview of the firm's qualifications and relevant experience.
- A detailed approach to managing the scope of work described above in the "Key Responsibilities" section.
- A list of key personnel who will be involved in this project, including their qualifications and roles.

- At least 4 examples of previous grant pursuit and/or administration services for State and/or County agency awards
- At least 3 examples of previous grant pursuit and/or administration for Federal agency awards
- Provide 5 client references.

Proposals may be no more than 30 pages in length excluding cover page.

END OF SECTION 2.

SECTION 3. PROPOSAL SUBMISSION REQUIREMENTS

3.1 PROPOSAL SUBMITTAL DEADLINE

The Proposal Submittal Deadline is included in Section 1 - Notice to Proposers, of this RFQ. It is not required to include Section 1 – 5 of the RFQ with Proposal.

3.2 INTENT

The Village is requesting proposals from qualified and experienced firms to provide Village of Key Biscayne Grant Administration Support Services under a continuing services contract. The intent is to demonstrate the qualifications, competence and capacity of the firms seeking to undertake the Village of Key Biscayne Grant Administration Support Services for the Village in conformity with the requirements of this Request for Qualifications.

3.3 ELIGIBILITY

In addition to other requirements stated in this document, to be eligible for award, Proposer must demonstrate the following in their response:

1. Must be appropriately licensed and in good standing with the Florida Department of Professional Regulation

2. Must have five (5) years of continuous operation under the same name providing the same Services.

3. Proposer's project team must have prior experience within the past five (5) years in the same field as the Services.

4. Proposer's principal-in-charge must have a minimum of five (5) years of experience within the same field as the Services; and

5. Proposer's project manager must have a minimum of five (5) years of experience in the same field as the Services with prior project management experience and must be capable of speaking and making decisions on behalf of the Respondent.

Each Bidder shall meet all legal, technical, and professional requirements for providing the requested Services.

The Bidder shall furnish such additional information as the Village may reasonably require. This includes information that indicates financial resources as well as ability to provide the Services. The Village reserves the right to make investigations of the Bidders' qualifications or any of its agents, as it deems appropriate.

3.4 RFQ DOCUMENTS

These RFQ documents consist of the Proposal Documents and the Agreement Documents. All forms and documents contained within the RFQ, and the Agreement shall be completed and submitted. A proposer's failure to comply with any provisions in the RFQ or the Agreement may result in a determination of non-responsibility and/or non-responsiveness, at the sole discretion of the Village. All instructions in the RFQ must be adhered to.

3.5 PROPOSAL FORMAT

A. The proposal shall be typewritten 8½ x 11-inch white paper.

B. All pages are to be consecutively numbered. If there is insufficient space for a response on a form, the response may be continued on a blank page immediately following the form. The additional pages are to be numbered the same as the form with the addition of the letter "a", "b", "c", etc. If a form is provided and additional pages are needed, the form may be copied. The copied pages are to be numbered the same as the form with the addition of the letter "a", "b", "c", etc.

C. In instances where a response is not required, or is not applicable or material to the proposal, a response such as "no response is required" or "not applicable" is acceptable.

D. The proposer shall compile and organize the responses according to the tabs listed below. Within the tabbed section, clearly organize and mark your responses according to the topics outlined below. It is very important to follow the format outlined below to assist the Village in the evaluation process. All proposals must include the following items. Responses must be in the same order as, and responsive to, the information requested. Unnecessarily elaborate proposals and/or lengthy presentations are not desired or required by the Village:

I. Tab A - Representations and Certifications

- Cover Sheet
- Proposal Forms listed in Section 6.
- Statement of Financial Stability

II. Tab B – Executive Summary

The proposer shall provide the following information in the order outlined below:

1. A title page.
2. A table of contents
3. Executive Summary: This summary, limited to two typewritten pages, should provide a high-level description of the Proposer's ability to meet the requirements of the RFQ and a statement describing why the proposer believes itself to be best qualified to provide the identified services.
4. Deliverables, tasks, activities, etc. as outlined in the Scope of Services.
5. List any exceptions to this RFQ. Exceptions listed elsewhere will not be recognized.

III. Tab C – Qualifications and Experience

The proposer shall provide the following information in the order outlined below:

1. **Qualifications:** Provide a brief description of your firm, including:
   a. Qualification of Firm
   b. Qualification of Staff
   c. Industry Knowledge and Expertise
   d. Project Management and Special Services pertinent to this Solicitation; and Past Performance (The evaluation should consider past performance information regarding predecessor companies, key personnel who have relevant experience, or subcontractors that will perform major or critical aspects of the requirement when such information is relevant to this solicitation. Past performance

information should also include recent and relevant contracts for the same or similar items and other references including contract numbers, points of contact with telephone numbers and other relevant information).

2. Service Team and Resume

a. Provide an organizational chart of the team that would serve the Village.
b. Provide detailed descriptions of each team member's role, responsibilities, experience, and education. Also provide a current one-page resume for each member.
c. Provide information on the relevant experience of each team member.
d. Describe what approach the team would take in providing services to Village. Indicate type and frequency of meetings and other forms of communications.

3. Provide a Personnel Plan that includes:

a. A complete operating plan with organizational chart and supporting information which illustrates the proposed staffing plan for each operation on a daily, weekly, and monthly basis for all types of positions included in the proposal.
b. Provide data for which staffing levels are based and include employee qualifications for the positions, full-time/part-time status, process for staffing and determinations and process for adjustments.
c. The organizational chart must include managerial positions assigned to VILLAGE and Corporate levels for the Proposer's company with the corresponding roles to VILLAGE staff.
d. Provide detailed description of each position's role and responsibilities.

IV. Tab D – Subcontracting Plan

The proposer shall submit a subcontracting plan with the proposal. The plan shall specifically identify names of potential subcontractor(s), or area to be subcontracted, field of expertise, number of years in the field, proposed dollars amount of subcontracting effort by category and references. This plan will be incorporated into the winning contractor's contract and monitored throughout the life of the contract for compliance.

V. TAB E – Proposal Approach

The Proposer must submit a comprehensive approach to implementation of the Project in accordance with the Scope of Work in Section 2, of this RFQ. The comprehensive approach must provide information regarding the documentation and ability to furnish the services necessary to implement the Project in accordance with the Package, and the any innovative technology solutions to be employed in the provision of the Services for the Project.

VI. TAB G – Insurance.

Proposers must provide evidence of insurance currently in place that meets or exceeds the specifications herein or a commitment from an insurance company that

such insurance coverage may be obtained by the Proposer prior to entering into an agreement with the Village. The successful Proposer(s) must submit, prior to signing of a contract, a Certificate of Insurance naming the Village as an additional insured and meeting the requirements set forth in the form of Design-Build Contract attached to this RFP as Attachment "B."

The Village may require higher limits of insurance or additional coverage if deemed necessary.

E. The following items shall be submitted by the successful proposer after the award of the Agreement (at the time specified herein).
- Exhibit A: Certificate of Insurance

3.6 SUBMITTAL, RECEIPT AND OPENING OF PROPOSALS

CONTRACTOR's solicitation response must be submitted electronically through DemandStar (www.demandstar.com), the Village's designated electronic bidding system. It is solely the CONTRACTOR's responsibility to assure its response is submitted and received in DemandStar by the date and time specified in the solicitation. The Village will not consider responses received by any other means. The official time for electronic submittals is the DemandStar server. All parties will, without reservation, accept the official time. Any bid may be rejected for noncompliance to requirements after a full review by the Village. The sealed submittals will be publicly opened at the Village of Key Biscayne, Village Hall after the Proposal Submittal Deadline. Award of a proposal will be made at a Village Council meeting.

ZOOM INFORMATION FOR RFQ OPENING

Village of Key Biscayne Proposal Opening for RFQ # 2025-01 Village of Key Biscayne Grant Administration Support Services.

Join Zoom Meeting
https://us06web.zoom.us/j/88118471605?pwd=sqJEZwUwPsLGUrtaTRZeBuiNndZ4pE.1

Meeting ID: 881 1847 1605
Passcode: 038798

Date: April 03, 2025, 11:35 a.m.

3.7 WITHDRAWAL OR REVISION OF PROPOSAL PRIOR TO AND AFTER SUBMITTAL DEADLINE

Once a proposal has been submitted by the Proposal Submittal Deadline, it shall not be returned to the proposer.

3.8 PROPOSAL GUARANTEE

All proposals shall be guaranteed firm for a minimum of 90 calendar days after the submission of the proposal.

3.9 MULTIPLE PROPOSAL PROHIBITED

More than one proposal from an individual, firm, partnership, corporation, or association under the same or different names shall not be considered. Reasonable grounds for believing that a proposer is involved in more than one proposal for the same work shall be cause for rejection of all proposals in which such

proposers are believed to be involved. In addition, a single proposal from more than one individual, firm, partnership, corporation, or association under the same or different names shall not be considered. Joint ventures shall be permitted; however, such arrangements shall designate a single primary proposer or shall be combined into a single legal entity. The Village shall only consider one proposal from one proposer.

3.10 ADDITIONAL TERMS AND CONDITIONS

Proposer shall state any exceptions/deviations from the RFQ requirements or Agreement. Exceptions to the Agreement should contain a summary of every objection or deviation with adherence to specific RFQ or Agreement sections.

3.11 INTERPERPRETATIONS AND INQUIRIES

A. Submission of a proposal shall serve as prima facie evidence that the proposer has examined the Agreement and is fully aware of all conditions affecting the provision of services.

B. No person is authorized to give oral interpretations of, or make oral changes to, the RFQ or the Agreement. Therefore, oral statements shall not be binding and should not be relied upon.

C. Any interpretation of, or changes to, the RFQ or the Agreement shall be made in the form of a written addendum to the RFQ or the Agreement and shall be furnished by the Village to all proposers who attend the mandatory pre-proposal conference. Only those interpretations of, or changes to, the RFQ or the Agreement that are made in writing and furnished to the proposers by the Village may be relied upon.

3.12 IRREGULARITIES & RESERVATION OF RIGHTS

Proposals will be selected at the sole discretion of the Village. The Village reserves the right to waive any irregularities in the request process, to reject any or all proposals, reject a proposal which is in any way incomplete or irregular, re-bid the entire solicitation or enter into agreements with more than one respondent. Proposals received after the deadline provided in this RFP will not be considered.

The Village reserves the right to award one or more contract(s) to the Contractor who will best serve the interests of the Village and whose Proposals meet the requirements and criteria set forth in this RFP. Notwithstanding, the Village may, at its sole discretion, reject all Proposals and cancel the solicitation, in which case no award will be made.

The Village reserves the right to accept or reject any or all Proposals, based upon its deliberations and opinions. In making such determination, the Village reserves the right to investigate the financial capability, integrity, experience and quality of performance of each Contractor, including officers, principals, senior management and supervisors, as well as the staff identified in the Proposal.

Proposers shall furnish additional information as the Village may require. This includes information that indicates financial resources as well as ability to provide the requisite services. The Village reserves the right to make investigations of the qualifications of the firm as it deems appropriate, including but not limited to background investigations and checking references.

3.13 PROPOSAL/PRESENTATION COSTS

The Village shall not be liable for any costs, fees, or expenses incurred by any Consultant in responding to this RFP, nor subsequent inquiries or presentations relating to its Proposal.

END OF SECTION 3.

SECTION 4. EVALUATION OF PROPOSALS

4.1 SELECTION COMMITTEE

Proposals submitted shall be evaluated by the Selection Committee. The Selection Committee shall convene at a publicly noticed meeting to review submissions, rank and evaluate the proposals, and provide a recommendation for the award. Each Selection Committee Member shall complete and execute an independence affidavit.

4.2 ADMINISTRATION REVIEW OF PASS/FAIL CRITERIA

SOQs will be reviewed initially for overall compliance with the RFQ requirements and to determine if mandatory pass/fail criteria are met (Licensing Requirements (Tab 5), Proof of Insurance and Bonding (Tab 6), and Claims History (Tab 7)). Failure to meet mandatory pass/fail criteria may result in rejection of the SOQ.

4.3 EVALUATION OF SOQS FOR SHORT LISTING

SOQs deemed to have met the pass/fail criteria will be evaluated in accordance with section 287.055, Florida Statutes, and the Evaluation Criteria set forth in Section III of this RFQ. The shortlist will only include the Proposers deemed by the Village, in the Village's sole discretion, to be the most highly qualified Contractors based on the Evaluation Criteria set forth in Section III and based on a subjective weighing of the Evaluation Criteria. The Village intends to shortlist, if reasonably possible, no less than three (3) Proposers that it deems are the most highly qualified.

4.4 BASIS OF AWARD

After shortlisting, the Village will then conduct interviews and presentations of the shortlisted Proposers to score the shortlisted Proposers using the following maximum point system:

Category	Score (Points)
Project Approach (Tab 2)	30
Organizational Profile (Tab 3)	30
Project Experience/Qualifications (Tab 4)	40
Total:	**100 Points**

The Village will score each shortlisted Contractor based on the Evaluation Criteria, evidenced through the Proposers' SOQs and their interviews and presentations, and use the scores to determine its recommendation for the final ranking. The Village will then make a final recommendation of the ranking of the shortlisted Proposers to the Village Manager. The Village may also perform additional due diligence on Proposers, including through reference checks, which may then become part of the evaluation process.

The Village will take its recommendation for the final ranking of the shortlisted Proposers to the Village Council for approval and permission to negotiate the contract with the top- ranked Proposer. The Village Council will select, in order of preference, based on the above information, the most highly qualified Proposer(s) to perform the requested Scope of Work. The extent and scope of the Scope of Work, along with the fees for such Work will be negotiated with the top-selected Proposer(s) but will be subject to approval by the Village. Should the Village be unable to negotiate a satisfactory contract with the Proposer considered to be the most qualified, at a price the Village determines to be fair, competitive and reasonable, negotiations with that Proposers shall be terminated. The Village shall then undertake negotiations with the next ranked Proposer, and if necessary, additional Proposers in accordance with the

ranking. The Village reserves the right to award any or all of the advertised Project subject to the availability of funding.

The selected Proposer will be required to execute a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the negotiated and agreed upon compensation are accurate, complete, and current at the time of contracting.

All decisions will be final and shall represent the best interest for the Village. All recommendations and decisions regarding award of the Project shall be made at open public meetings in accordance with the requirements of Florida Statute 286.011, and all interested parties are invited to attend such meetings.

The Village reserves the right to waive any irregularity or informality in the SOQs received, to determine, in its sole discretion, whether or not the informality is minor, to reject or accept any or all SOQs and to select the Contractors based on criteria which serves the best interests of the Village.

4.5 NOTICE OF INTENT TO AWARD

A Public Notice of Intent to Award shall be posted to DemandStar. The notice shall include:

- The awarded Contractor(s)

A contract shall not exist until approved by the appropriate levels of the Village and properly executed.

4.6 INQUIRIES/QUESTIONS

All inquiries shall be made in writing and addressed to procurement@keybiscayne.fl.gov.

Inquiries shall be made at least ten (10) calendar days prior to the SOQ opening date.

Replies will be issued to all bidders of record as Addenda. If questions are related to the Drawings and Specifications, replies will be issued via Addendum and posted to Demandstar and will become part of the contract.

SAMPLE RANKING FORM

Evaluation Criteria	Firm #1	Firm #2	Firm #3	Firm #4
Project Approach				
Organizational Structure / Personnel Experience				
Project Experience/Qualifications (Tab 4)				
Total				
Ranking				

END OF SECTION 4.

SECTION 5. GENERAL REQUIREMENTS

5.1 RETENTION OF PROPOSAL

The Village reserves the right to retain all Proposals submitted and use any ideas contained in any Proposals, regardless of whether that Bidder is selected.

5.2 PUBLIC RECORDS

Florida law provides that municipal records should be open for inspection by any person under Chapter 119, F.S. Public Records law. All information and materials received by the Village in connection with Proposals shall become property of the Village and shall be deemed to be public records subject to public inspection.

5.3 LOBBYIST REGISTRATION

Respondents must comply with the Village's lobbyist regulations. Please contact the Village Clerk at (305) 365-5506 for additional information.

5.4 PERMITS, TAXES, LICENSES

The Vendor shall, at its own expense, obtain all necessary permits, pay all licenses, fees and taxes required to comply with all local ordinances, state and federal laws, rules, regulations and professional standards that would apply to this contract.

5.5 LAWS, ORDINANCES

The Vendor shall observe and comply with all federal, state, and local laws, including ordinances, rules, regulations and professional standards that would apply to the contract.

5.6 NON-APPROPRIATION OF FUNDS

In the event that insufficient funds are appropriated, and budgeting or funding is otherwise unavailable or not allocated in any fiscal period for the Agreement, the Village shall have the unqualified right to terminate the Work Order(s), and/or Agreement, upon written notice to the Successful Proposer, without any penalty or expense to the Village or recourse against the Village. No guarantee, promise, warranty, or representation is made that any work or project(s) will be assigned to the Successful Proposer.

5.7 PUBLIC ENTITY CRIMES ACT

In accordance with the Public Entity Crimes Act, (Section 287.133, Florida Statutes) a person or affiliate who is a contractor, who had been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to the Village, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases or real property to the Village, may not be awarded or perform work as a contractor, supplier, subcontractor, or CONTRACTOR under a contract with any public entity, and may not transact business with the Village in excess of the threshold amount provided in Section 287.917, Florida Statutes, for Category Two for a period of 36 months form the date of being placed on the convicted vendor list. Violation of this section by the Contractor shall result in rejection of the Bid, termination of the contract, and may cause Contractor debarment.

5.8 KEY PERSONNEL

Subsequent to submission of a Proposal and prior to award of an Agreement, Key Personnel shall not be changed. Proposers shall not change any member of their Key Personnel without just cause and prior

written approval by the Village. The Village reserves the right to request additional documentation, as required by the RFQ prior to making its determination. If the Village does not accept the proposed change(s), the Proposal may be rejected and not considered for award.

5.9 E-VERIFY

Successful Bidder shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any Subcontractor performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Subcontractor during the Contract term.

5.10 CONFLICT OF INTEREST

Proposers, by responding to this RFQ, certify that to the best of their knowledge and belief, no elected/appointed official or employee of the Village is financially interested, directly or indirectly, in the purchase of goods/services specified in this RFQ. Any such interests on the part of the Proposer or its employees shall be disclosed in writing to the Village. Further, Proposers shall disclose the name of any Village employee who owns, directly or indirectly, an interest of five percent (5%) or more of the total assets of capital stock of the Proposing firm.

5.11 DEBARRED/SUSPENDED VENDORS

An entity or affiliate who has been placed on the State of Florida or Federal debarred or suspended vendor list may not: a) submit a Proposal on a contract to provide goods or services to a public entity; b) may not submit a Proposal on a contract with a public entity for the construction or repair of a public building or public work; c) may not submit a Proposal on leases of real property to a public entity; d) may not be awarded or perform work as a contractor, design-builder, supplier, subcontractor, or consultant under contract with any public entity; and e) may not transact business with any public entity.

5.12 NON-DISCRIMINATION

Proposer agrees that it shall not discriminate by race, gender, color, age, religion, national origin, marital status, or disability in connection with its performance under this RFQ. Furthermore, Proposer agrees that no otherwise qualified individual shall solely by reason of his/her race, gender, color, age, religion, national origin, marital status, or disability be excluded from the participation in, be denied benefits of, or be subjected to, discrimination under any program or activity called for or required in connection with services rendered under this Agreement.

5.13 UNETHICAL BUSINESS PRACTICE PROHIBITIONS

Proposer represents and warrants to the Village that it has not employed or retained any person or company employed by the Village to solicit or secure the award of the Agreement and that it has not offered to pay, paid, or agreed to pay any person any fee, commission, percentage, brokerage fee, or gift of any kind, contingent upon or in connection with, the award of the Contract.

5.14 ADDITIONAL TERMS AND CONDITIONS

No additional terms and conditions included with the Proposal shall be evaluated or considered, and any and all such additional terms and conditions shall have no force or effect and are inapplicable to this solicitation. If submitted purposely, through either intent or design, or inadvertently, appearing separately in transmittal letters, specifications, literature, price lists, or warranties, it is understood and agreed that the General and Special Conditions in this solicitation are the only conditions applicable to this solicitation

and that the Proposer's authorized signature affixed to the Proposer's acknowledgment form, attests to this.

5.15 ASSIGNMENT, NON-TRANSFERABILITY OF PROPOSAL

A. Proposals shall not be assigned or transferred. A proposer who is, or may be, purchased by or merged with any other corporate entity during any stage of the proposal process, through to and including awarding of and execution of the Agreement, is subject to having its proposal disqualified as a result of such transaction. The Village Manager shall determine whether a proposal is to be disqualified in such instances.

B. If, at any time during the proposal process, filings, notices or like documents are submitted to any regulatory agency concerning the potential acquisition of proposer, or the sale of a controlling interest in the proposer, or any similar transaction, the proposer shall immediately disclose such information to the Village. Failure to do so may result in the proposal being disqualified, at the Village's sole discretion.

5.16 PUBLIC RECORDS

Upon award recommendation or 30 days after proposal opening, whichever is earlier, any material submitted in response to this RFP shall become a "public record" and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes (Public Records Law). Proposers shall claim the applicable exemptions to disclosure provided by law in their response to the RFP by identifying materials to be protected and shall state the reasons why such exclusion from public disclosure is necessary and legal. The Village reserves the right to make all final determination(s) of the applicability of the Florida Public Records Law.

5.17 PUBLIC ENTITIES CRIME

A. A person or affiliate as defined in Section 287.133, Florida Statutes, who or which has been placed on the convicted vendor list maintained by the Florida Department of Management Services following a conviction for a public entity crime, may not submit a proposal to provide any goods or services to the Village and may not transact business with the Village in an amount set forth in Section 287.017, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list.

B. By submitting a response, the proposer certifies that it is qualified under Section 287.133, Florida Statutes, to provide the services set forth in the Agreement.

5.18 SCRUTINIZED COMPANIES

Pursuant to Section 287.135, Florida Statutes, a Proposer is ineligible to, and may not submit a Proposal for, or enter into or renew a contract with VILLAGE for goods or services if at the time of submitting a Proposal for a new contract or renewal of an existing contract:

A. for any contract amount, if the Proposer is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel;

B. if $1 million or more and the Proposer is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; or

C. if $1 million or more and the Proposer is engaged in business operations in Cuba or Syria.

5.19 EXAMINATION OF CONDITIONS

It shall be the Proposer's responsibility to visit the proposed work site(s) and to thoroughly familiarize himself with the nature and extent of the work to be performed and all local existing site conditions, to make his own estimate of the facilities and difficulties attending the execution of the work; no allowance shall be made by the Village for the Proposer's failure to do so.

5.20 INSURANCE REQUIREMENTS

Proposer shall secure and maintain throughout the duration of the Contract, if selected, insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Proposer's insurance and shall not contribute to the Proposer's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent. Copies of Proposer's actual Insurance Policies as required herein and Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured. Each Policy and certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. All coverage forms must be primary and non-contributory and the Proposer shall provide a waiver of subrogation for the benefit of the Village. The Proposer shall be responsible for assuring that the insurance policies and certificates required by this Section remain in full force and effect for the duration of the Project.

a) Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Proposer. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

b) Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Proposer shall be allowed to provide Services pursuant to this RFQ who is not covered by Worker's Compensation insurance.

c) Business Automobile Liability with minimum limits of $1,000,000.00 per Occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non- Owned Vehicles.

The Successful Proposer(s) shall, within ten (10) days of receipt of a written notice of the Award of the Contract, deliver to the Village a fully executed Contract and all requested certificates of insurance and bonds.

5.21 DISCRIMINATORY VENDORS

Discriminatory Vendors List: Pursuant to Section 287.134 , Florida Statues, an entity or affiliate who has been placed on the discriminatory vendor list may not submit a SOQ, bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.

5.22 NON-COLLUSION CERTIFICATION

By submitting a SOQ, bid, or proposal to the Village, the individual signing the bid/proposal on behalf of the Contractor (Contractor) certifies that the bid/proposal is genuine, accurate and factual, and that:

i. The Contactor has not colluded, conspired or agreed directly or indirectly with any other person or entity in any way to fix the price, terms, or otherwise secure an advantage over the Village or any person interested in the proposed contract.
ii. The price of the bid/proposal was determined independently of outside consultation and was not influenced by any other company, client or Contractor.
iii. No company, client or Contractor has been solicited to propose a fake or sham bid or proposal, or to refrain from bidding or submitting any form of noncompetitive bid, proposal or response.
iv. The price of the bid/proposal has not been disclosed to any client, company or Contractor, and will not be disclosed until after the formal date the subject bid or proposal is awarded by the Village.
v. The Proposer also certifies that its bid is in all respects fair and without outside control, collusion, fraud, or otherwise illegal action.

5.22 CONE OF SILENCE

To ensure fair consideration for all Proposers, a Cone of Silence is encourage starting on the posting date of the proposal. Proposers are asked not to communicate any department, division, or employee from the submission package concerning the proposal until an award decision has been made. Any communication between Proposer and the Village in order to obtain information or clarification needed to develop a proper, accurate evaluation of the proposal should be conducted through the Village Procurement Officer, Daren Jairam at djairam@keybiscayne.fl.gov or procurement@keybiscayne.fl.gov.

5.23 COMPLIANCE WITH FEDERAL REQUIREMENTS

The Successful Proposer shall be required to adhere to (1) all FEMA Guidelines, including the Hazard Mitigation Assistance Program and Policy Guide, as may be amended from time to time; (2) the contract provisions listed under 2 CFR Part 200, Appendix II; (3) all applicable contract provisions and guidance in the FEMA Contract Provisions Guide, as may be amended from time to time; and (4) the Federally-Funded Subaward and Grant Agreement No. H0970 attached hereto as Exhibit "H." Furthermore, the Successful Proposer acknowledges and agrees that the following contractual provisions shall govern this procurement and any contract that may be competitively awarded pursuant to this RFP:

5.23.1 Equal Employment Opportunity. During the performance of the Services, the Successful Proposer agrees as follows:

5.23.1.1 The Successful Proposer will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The Successful Proposer will take affirmative action to ensure that applicants are employed,

and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Successful Proposer agrees to post in conspicuous places, available to employees and applicants for_employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

5.23.1.2 The Successful Proposer will, in all solicitations or advertisements for employees placed by or on behalf of the Successful Proposer, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

5.23.1.3 The Successful Proposer will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the Successful Proposer's legal duty to furnish information.

5.23.1.4 The Successful Proposer will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Successful Proposer's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

5.23.1.5 The Successful Proposer will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

5.23.1.6 The Successful Proposer will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

5.23.1.7 In the event of the Successful Proposer's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Successful Proposer may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures_authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

5.23.1.8 The Successful Proposer will include the portion of the sentence immediately preceding subsection 2.22.1.1 through 2.22.1.8 in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Successful Proposer will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a Successful Proposer becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the Successful Proposer may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a Successful Proposer debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

5.23.2 Compliance with the Davis-Bacon Act. As applicable, during the performance of the Services, the Successful Proposer agrees as follows:

a. All transactions regarding this contract shall be done in compliance with the Davis-Bacon Act (40 U.S.C. 3141- 3144, and 3146-3148) and the requirements of 29 C.F.R. pt. 5 as may be applicable. The Successful Proposer shall comply with 40 U.S.C. 3141-3144, and 3146-3148 and the requirements of 29 C.F.R. pt. 5 as applicable.

b. Successful Proposers are required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor.

c. Additionally, Successful Proposers are required to pay wages not less than once a week.

5.23.3 Compliance with the Copeland "Anti-Kickback" Act. As applicable, during the performance of the Services, the Successful Proposer agrees as follows:

a. Successful Proposer. The Successful Proposer shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.

b. Subcontracts. The Successful Proposer or subcontractor shall insert in any subcontracts the clause above and such other clauses as FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Successful Proposer shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.

c. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a Successful Proposer and subcontractor as provided in 29 C.F.R. § 5.12.

5.23.4 Compliance with the Contract Work Hours and Safety Standards Act. As applicable, during the performance of the Services, the Successful Proposer agrees as follows:

5.23.4.1 Overtime requirements. The Successful Proposer or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall not require nor permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

5.23.4.2 Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in subsection 28.2.1. of this section the Successful Proposer and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, the Successful Proposer and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subsection 28.2.1. of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in 28.2.1. of this section.

5.23.4.3 Withholding for unpaid wages and liquidated damages. The Village shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Successful Proposer or subcontractor under any such contract or any other Federal contract with the same prime Successful Proposer, or any other federally-assisted contract subject to the *Contract Work Hours and Safety Standards Act*, which is held by the same prime Successful Proposer, such sums as may be determined to be necessary to satisfy any liabilities of such Successful Proposer or subcontractor for

unpaid wages and liquidated damages as provided in the clause set forth in subsection 28.2.2. of this section.

5.23.4.4 Subcontracts. The Successful Proposer or subcontractor shall insert in any subcontracts the clauses set forth in subsections 28.2.1 through 28.2.4. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Successful Proposer shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in subsections 28.2.1. through 28.2.4. of this section.

5.23.5 Rights to Inventions Made under this Agreement.

5.23.5.1 As applicable, if the Successful Proposer is engaged for the performance of experimental, developmental, or research, the Successful Proposer's work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the Federal Government.

5.23.6 Clean Air Act and Federal Water Pollution Control Act. As required by Federal program legislation, the Successful Proposer agrees to comply with the following federal requirements:

5.23.6.1 *Clean Air Act*.

5.23.6.1.1 The Successful Proposer agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. (2)

5.23.6.1.2 The Successful Proposer agrees to report each violation to the Village and understands and agrees that the Village will, in turn, report each violation as required to assure notification to the State of Florida, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

5.23.6.1.3 The Successful Proposer agrees to include these requirements in each subcontract exceeding $150,000 financed in whole or in part with Federal assistance provided by FEMA.

5.23.6.2 *Federal Water Pollution Control Act.*

5.23.6.2.1 The Successful Proposer agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

5.23.6.2.2 The Successful Proposer agrees to report each violation to the Village and understands and agrees that the Village will, in turn, report each violation as required to assure notification to The State of Florida, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

5.23.6.2.3 The Successful Proposer agrees to include these requirements in each subcontract exceeding $150,000 financed in whole or in part with Federal assistance provided by FEMA.

5.23.7 Debarment and Suspension. During the performance of the Services, the Successful Proposer agrees as follows:

5.23.7.1 This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the Successful Proposer is required, and will, verify that neither Successful Proposer, its principals (defined at 2 C.F.R. § 180.995), nor its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

5.23.7.2 The Successful Proposer will comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters.

5.23.7.3 Successful Proposer's certification is a material representation of fact relied upon by the Village. If it is later determined that the Successful Proposer did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the State of Florida, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

5.23.7.4 The Successful Proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C throughout the period this Agreement. The Successful Proposer further agrees to include a provision requiring such compliance in its lower-tier covered transactions.

5.23.8 Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended). During the performance of the Services, the Successful Proposer agrees as follows:

5.23.8.1 The Successful Proposer certifies to the Village that it has not and will not use Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. *The required Certification is attached to this Agreement*.

5.23.8.2 Successful Proposer will also ensure that each tier of subcontractor(s) shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures will be forwarded from tier-to-tier up to the Village.

5.23.9 Procurement of Recovered Materials. As required by federal program legislation, Successful Proposer agrees to the following:

5.23.9.1 In the performance of this contract, the Successful Proposer shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired:

5.23.9.1.1 competitively within a timeframe providing for compliance with the contract performance schedule;

5.23.9.1.2 meeting contract performance requirements; or

5.23.9.1.3 at a reasonable price.

5.23.9.2 Information about this requirement, along with the list of EPA-designate items, is available at EPA's Comprehensive Procurement Guidelines web site, https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program.

5.23.9.3 The Successful Proposer also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.

5.23.10 DHS Seals, Logos, and Flags. The Successful Proposer shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

5.23.11 Compliance with Federal Law, Regulations, and Executive Orders. The Successful Proposer acknowledges that FEMA financial assistance will be used to fund the all or a portion of the contract. The Successful Proposer will comply will all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

5.23.12 No Obligation by Federal Government. Successful Proposer acknowledges that the Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, Successful Proposer, or any other party pertaining to any matter resulting from the contract.

5.23.13 Program Fraud and False or Fraudulent Statements or Related Acts. The Successful Proposer acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Successful Proposer actions pertaining to this Agreement.

5.23.14 Access to Records.

5.23.14.1 The Successful Proposer agrees to provide the State of Florida, the Village, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Successful Proposer which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.

5.23.14.2 The Successful Proposer agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

5.23.14.3 The Successful Proposer agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.

5.23.14.4 In compliance with the Disaster Recovery Act of 2018, the Village and the Successful Proposer acknowledge and agree that no language in this Agreement is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

5.23.15 Affirmative Socioeconomic Steps/Small and Minority Businesses, Women's Business Enterprises.

5.23.15.1 Successful Proposer shall comply with 2 C.F.R. § 200.321, "Contracting with small and minority businesses, women's business enterprises, and labor surplus area firms."

5.23.15.2 If subcontracts are to be let, the Successful Proposer is required to take all necessary steps identified in 2 C.F.R. § 200.321(b)(1)-(5) to ensure that small and minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

5.23.16 Change or Modification. To be eligible for FEMA assistance under a FEMA grant or cooperative agreement, the cost of a change, modification, change order, or constructive change must be allowable, allocable, within the scope of the grant or cooperative agreement, and reasonable for the completion of the project scope. Accordingly, the Successful Proposer shall comply with the following:

5.23.16.1 Without invalidating the Agreement, Village reserves and shall have the right, from time to time to make such increases, decreases or other changes in the character or quantity of the work as may be considered necessary or desirable to fully and properly complete the project in a satisfactory manner in accordance with the scope of the FEMA grant or cooperative agreement. Any extra or additional work within the scope of this Agreement must be accomplished by means of appropriate Field Orders or Change Orders.

5.23.16.2 The Village shall have the right to approve and issue Field Orders setting forth written interpretations of the intent of the project documents and ordering minor changes in work execution, providing the Field Order involves no change in the Agreement Price or the Agreement Time.

5.23.16.3 Changes in the quantity or character of the Work or Services within the scope of the Project which are not properly the subject of Field Orders, including all changes resulting in changes in the Agreement Price, or the Agreement Time, shall be authorized only by Change Orders approved in advance and issued in accordance with the provisions of Village's Procurement Code, as amended from time to time.

5.23.17 Remedies. Village confirms that it is entitled to exercise all administrative, contractual, or other remedies permitted by law to enforce Successful Proposer's compliance with the terms of this Agreement, except to the extent expressly provided otherwise by this Agreement.

5.23.18 Prohibition on Contracting for Covered Telecommunications Equipment or Services. If applicable, the Successful Proposer shall agree as follows:

5.23.18.1 The Village and the Successful Proposer must comply with the Section 889(b)(1) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (FY2019 NDAA) and 2 C.F.R. 200.216, which prohibits the obligation or expending of federal award funds on certain telecommunication products or from certain entities for national security reasons. Towards that end, the Successful Proposer shall ensure that the Successful Proposer and its subcontractors do not:

5.23.18.2 Procure or obtain any equipment, system, or service that uses covered telecommunications equipment of services as a substantial or essential component of any system, or as critical technology of any system;

5.23.18.3 Enter into, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as substantial or essential component of any system or as critical technology of any system; or

5.23.18.4 Enter into, extend or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

Additional information, including definitions for this requirement can be found in FEMA Policy 405-143-1. Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services (Interim).

5.23.19 Domestic Preference for Procurements. As appropriate, and to the extent consistent with law, the Successful Proposer should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to iron, aluminum, steel, cement, and other manufactured products. For purposes of this clause:

5.23.19.1 *Produced in the United States* means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

5.23.19.2 *Manufactured products* mean items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

5.23.20 License and Delivery of Works Subject to Copyright and Data Rights. If applicable, the Successful Proposer shall agree as follows:

5.23.20.1 The Successful Proposer grants to the Village, a paid-up, royalty-free, nonexclusive, irrevocable, worldwide license in data first produced in the performance of this contract to reproduce, publish, or otherwise use, including prepare derivative works, distribute copies to the public, and perform publicly and display publicly such data. For data required by the contract but not first produced in the performance of this contract, the Successful Proposer will identify such data and grant to the Village or acquires on its behalf a license of the same scope as for data first produced in the performance of this contract. Data, as used herein, shall include any work subject to copyright under 17 U.S.C. § 102, for example, any written reports or literary works, software and/or source code, music, choreography, pictures or images, graphics, sculptures, videos, motion pictures or other audiovisual works, sound and/or video recordings, and architectural works. Upon or before the completion of this contract, the Successful Proposer will deliver to the Village data first produced in the performance of this contract and data required by the contract but not first produced in the performance of this contract in formats acceptable by the Village.

5.23.21 Safeguarding of Sensitive Information and Information Technology Security and Privacy Training.

5.23.21.1 Applicability. This clause is applicable when the Successful Proposer has access to sensitive information or the Successful Proposer's IT system as defined in the agreement that are used to input, store, process, output and/or transmit sensitive data. If applicable, this clause shall apply to the Successful Proposer, its subcontractors, and Successful Proposer employees (hereafter referred to collectively as "Successful Proposer"). The Successful Proposer shall insert the substance of this clause in all subcontracts.

5.23.21.2 Definitions. As used in this clause— "Personally Identifiable Information (PII)" means information that can be used to distinguish or trace an individual's identity, such as name, social security number, or biometric records, either alone, or when combined with other personal or identifying information that is linked or linkable to a specific individual, such as date and place of birth, or mother's maiden name. The definition of PII is not anchored to any single category of information or technology. Rather, it requires a case-by-case assessment of the specific risk that an individual can be identified. In performing this assessment, it is important for an agency to recognize that non-personally identifiable information can become personally identifiable information whenever additional information is made publicly available—in any medium and from any source—that, combined with other available information, could be used to identify an individual.

PII is a subset of sensitive information. Examples of PII include, but are not limited to: name, date of birth, mailing address, telephone number, Social Security number (SSN), email address, zip code, account numbers, certificate/license numbers, vehicle identifiers including license plates, uniform resource locators (URLs), static Internet protocol addresses, biometric identifiers such as fingerprint, voiceprint, iris scan, photographic facial images, or any other unique identifying number or characteristic, and any information where it is reasonably foreseeable that the information will be linked with other information to identify the individual.

(a) *Sensitive Information,* as used in this clause, means any information, which if lost, misused, disclosed, or, without authorization is accessed, or modified, could adversely affect the national or homeland security interest, the conduct of Federal programs, or the privacy to which individuals are entitled under section 552a of title 5, United States Code (the Privacy Act), but which has not been specifically authorized under criteria established by an Executive Order or an Act of Congress to be kept secret in the interest of national defense, homeland security or foreign policy. This definition includes the following categories of information:

(1) Protected Critical Infrastructure Information (PCII) as set out in the Critical Infrastructure Information Act of 2002 (Title II, Subtitle B, of the Homeland Security Act, Pub. L. 107-296, 196 Stat. 2135), as amended, the implementing regulations thereto (Title 6, Code of Federal Regulations, part 29) as amended, the applicable PCII Procedures Manual, as amended, and any supplementary guidance officially communicated by an authorized official of the Department of Homeland Security (including the PCII Program Manager or his/her designee);

(2) Sensitive Security Information (SSI), as defined in Title 49, Code of Federal Regulations, part 1520, as amended, "Policies and Procedures of Safeguarding and Control of SSI," as amended, and any supplementary guidance officially communicated by an authorized official of the Department of Homeland Security (including the Assistant Secretary for the Transportation Security Administration or his/her designee);

(3) Information designated as "For Official Use Only," which is unclassified information of a sensitive nature and the unauthorized disclosure of which could adversely impact a person's privacy or welfare, the conduct of Federal programs, or other programs or operations essential to the national or homeland security interest; and

(4) Any information that is designated "sensitive" or subject to other controls, safeguards or protections in accordance with subsequently adopted homeland security information handling procedures.

(b) “Information Technology Resources” include, but are not limited to, computer equipment, networking equipment, telecommunications equipment, cabling, network drives, computer drives, network software, computer software, software programs, intranet sites, and internet sites.

(c) Successful Proposer employees working on this contract must complete such forms as may be necessary for security or other reasons, including the conduct of background investigations to determine suitability. Completed forms shall be submitted as directed by the Contracting Officer. Upon the Contracting Officer's request, the Successful Proposer's employees shall be fingerprinted, or subject to other investigations as required. All Successful Proposer’s employees requiring recurring access to Government facilities or access to sensitive information or IT resources are required to have a favorably adjudicated background investigation prior to commencing work on this contract unless this requirement is waived under Departmental procedures.

(d) The Contracting Officer may require the Successful Proposer to prohibit individuals from working on the contract if the Government deems their initial or continued employment contrary to the public interest for any reason, including, but not limited to, carelessness, insubordination, incompetence, or security concerns.

(e) Work under this contract may involve access to sensitive information. Therefore, the Successful Proposer shall not disclose, orally or in writing, any sensitive information to any person unless authorized in writing by the Contracting Officer. For those Successful Proposer employees authorized access to sensitive information, the Successful Proposer shall ensure that these persons receive training concerning the protection and disclosure of sensitive information both during and after contract performance.

(f) The Successful Proposer shall include the substance of this clause in all subcontracts at any tier where the subcontractor may have access to Government facilities, sensitive information, or resources.

END OF SECTION 5.

SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☐ Form 1: Response Checklist
- ☐ Form 2: Addendum Acknowledgment
- ☐ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - Form 3B: Certificate of Authority (for Individuals)
- ☐ Form 4: Proposer's Statement of Organization
- ☐ Form 5: References
- ☐ Form 6: Affidavits
  - Form 6A: Single Execution Affidavits
  - Form 6B: Independence Affidavit
  - Form 6C: Non-Collusion Affidavit
- ☐ Form 7: Drug Free Workplace
- ☐ Form 8: Certification to Accuracy of Proposal
- ☐ Form 9: Scrutinized Companies
- ☐ Form 10: Public Entity Crimes
- ☐ Form 11: Dispute Disclosure
- ☐ Form 12: List of Proposed Subcontractors
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☐ A: Sample Contract
- ☐ B: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES
Solicitation No.:
RFQ # 2025-01

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: _____

Authorized Representative's Name: _____

Title: _____

Email: _____

Address:_____

Phone Number: _____

Authorized Signature: _____

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of _____

_____

_____ a business existing under the laws of the State of _____, (the "Entity") held on _____, 20____, the following resolution was duly passed and adopted:

> "RESOLVED, that, _____, as ____ _____ of the Entity, be and is hereby authorized to execute this Proposal dated _____, 20____, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this _____ day of _____, 20____.

Secretary: _____ President: _____

Print Name: _____ Print Name: _____

(Seal)

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I,_____ ("Affiant") being first duly sworn, deposes and says:

1. I am the _____

   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: _____

   _____ doing

   business as _____, the

   Contractor that has submitted the attached Proposal.
2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.
3. I am authorized to execute the Proposal dated _____, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, , will be the official act and deed of this attestation.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

ACKNOWLEDGMENT

State of Florida
County of _____

On this _____ day of _____, 20____, before me the undersigned, personally appeared _____, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:

_____

2. Principal Business Address, Phone and Email Address:

Address: _____

Phone: _____

Email Address:_____

3. Principal Contact Person(s):

_____

_____

_____

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):

_____

A. If a corporation, in what state incorporated: _____

B. Date Incorporated: _____

C. Federal ID Number (EIN)_____

D. If a joint Venture or Partnership, date of Agreement: _____

E. Name and address of all partners (state whether general or limited partnership): _____

F. If other than a corporation or partnership describe, organization and name of principals. _____

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name **Title**

_____

_____

_____

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFQ Agreement. _____

7. List all entities participating in this Agreement (including subcontractors if applicable):

Name **Address** **Title**

A. _____

B. _____

C. _____

D. _____

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. _____
   B. _____
   C. _____
   D. _____

9. County or municipal business tax receipt number (attach copies):
   County: _____
   Municipal: _____

10. What is the last project of this nature you completed?
    _____

11. Have you made a site visit? _____ Yes, _____ No

12. How soon after the award can you begin work? _____ Days.

13. List any licenses, permits or certifications, etc., you hold for performing this type of work.
    _____
    _____
    _____

14. How did you hear about the RFQ? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. _____

15. Have you ever failed to complete any work awarded to you?
    Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

16. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

17. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

18. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or

arbitration against any other Florida public entity?
Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

21. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

22. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

23. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

24. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

25. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

26. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ____ **No** ____ **If yes, attach a separate sheet of explanation.**

_____
Signature (Blue ink only)

_____
Print Name

_____
Title

_____
Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____
(Name of person acknowledging) *(Title)*

for _____.
(Company name)

Personally known to me _____ or has produced Identification _____, type of identification

produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Telephone: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #2

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Telephone: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #3

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Telephone: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #4

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Telephone: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #5

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Telephone: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: _____

For (Name of Proposing or Bidding Entity): _____

Whose business address is: _____

And (if applicable) its Federal Employer Identification Number (FEIN) is: _____

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#: _____)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

_____
Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[ ] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

_____
Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

_____
Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

_____
Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

_____
Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

_____
Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFQ # 2025-01 VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

_____
Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

_____
Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

ACKNOWLEDGMENT

State of Florida

County of _____

On this _____ day of _____, 20___, before me the undersigned, personally appeared _____, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

_____Produced identification (Type of Identification:_____)

_____Did take an oath; or

_____Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am _____ of _____, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

_____

_____

_____

_____

_____

_____

Signature (Blue ink only)

_____

Print Name

_____

Title

_____

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____

(Name of person acknowledging) *(Title)*

for _____.

(Company name)

Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is_____ of_____, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFQ is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

_____

Signature (Blue ink only)

_____

Print Name

_____

Title

_____

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____
(Name of person acknowledging) *(Title)*

for _____.
(Company name)

Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that _____ does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFQ document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFQ or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

_____

Signature (Blue ink only)

_____

Print Name

_____

Title

_____

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____

(Name of person acknowledging) *(Title)*

for _____.

(Company name)

Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFQ and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the RFQ and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is _____ of _____, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20_,

by _____ as _____
(Name of person acknowledging) *(Title)*

for _____.
(Company name)

Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

_____
Signature (Blue ink only)

_____
Print Name

_____
Title

_____
Date

STATE OF)
COUNTY OF)
The foregoing instrument was acknowledged before me this _____ day of _____, 20__,
by _____ as _____
(Name of person acknowledging) *(Title)*
for _____.
(Company name)
Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. _____

2. This sworn statement is submitted by:_____
(name of entity submitting sworn statement)

whose business address is: _____

_____

_____

Federal Identification Number (FEIN) is: _____
(if applicable)

Social Security Number: _____

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: _____
(print name of individual signing this document)

and my relationship to the entity is:_____

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:

(a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or

(b) An entity under the control of any natural person who is active in the

management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, share holders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

    a. ____Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

    b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

        1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

        2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)
        3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of

General Services)

_____ _____

Signature Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____

(Name of person acknowledging) *(Title)*

for _____.

(Company name)

Personally known to me _____ or has produced Identification _____, type of identification

produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO _____

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO _____

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO _____

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: _____

Authorized Signature: _____

Print or Type Name: _____

Title: _____

Date: _____

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number

Firm: _____

Authorized Signature: _____

Print or Type Name: _____

Title: _____

Date: _____

FORM 13A – N/A

FORM 13B – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

PROPOSER'S REPRESENTATION

VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES

Proposal of _____

(Name)

_____

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.
The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No._____

Bidder's Occupational License No. _____

WITNESS:

_____ By: _____
Signature of Authorized Agent

_____

[SEAL]

ATTACHMENT A

PROFESSIONAL SERVICES AGREEMENT
BETWEEN
THE VILLAGE OF KEY BISCAYNE
AND
NAME OF ENTITY

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____ _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **NAME OF ENTITY**, a Florida [type of entity] (hereinafter, the "Consultant").

WHEREAS, the Village desires certain **VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES:** and

WHEREAS, the Consultant will perform services on behalf of the Village, all as further set forth in the Proposal dated _____, 2024, attached hereto as Exhibit "A" (the "Services"); and

WHEREAS, the Consultant and Village, through mutual negotiation, have agreed upon a fee for the Services; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. Scope of Services.

1.1. Consultant shall provide the Services set forth in the Proposal attached hereto as Exhibit "A" and incorporated herein by reference (the "Services").

1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. Term/Commencement Date.

2.1. The term of this Agreement shall be from the Effective Date through three (3) years thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for two (2) additional one (1) year periods on the same terms as set forth herein upon written notice to the Consultant.

SAMPLE

Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. Compensation and Payment.

3.1. Compensation for Services provided by Consultant shall be in accordance with the Proposal attached hereto as Exhibit "A." Consultant shall be compensated a flat rate, lump sum fee in the amount of $XXXX.XX per month.

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

SAMPLE

Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village,

5.1. and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

SAMPLE

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types

SAMPLE

of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. Additional Insured. Except with respect to Professional Liability Insurance and Worker's Compensation Insurance**,** the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. Deductibles. All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. Nondiscrimination. During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. Attorneys Fees and Waiver of Jury Trial.

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. Indemnification.

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall

SAMPLE

reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for

SAMPLE

the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records: **Jocelyn B. Koch**

Mailing address: **88 West McIntyre Street**

Key Biscayne, FL 33149

Telephone number: **305-365-5506**

Email: **jkoch@keybiscayne.fl.gov**

SAMPLE

17. **Nonassignability.** This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. **Severability.** If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. **Independent Contractor.** The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.** The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **State Required Affidavits.** By entering into this Agreement, the Consultant agrees to review and comply with the following state affidavit requirements:

    24.1. Public Entity Crimes Affidavit. Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

    24.2. E-Verify Affidavit. In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify

SAMPLE

system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Consultant acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

24.3. Noncoercive Conduct Affidavit. Pursuant to Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes. By entering into this Agreement, the Consultant acknowledges that it has read Section 787.06, Florida Statutes, and will comply with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

24.4. Prohibition on Contracting with Entities of Foreign Concern. Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern. By entering into this Agreement, the Consultant acknowledges that it has read Section 287.138, Florida Statutes, and complies with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

25. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. Conflicts. In the event of a conflict between the terms of this Agreement and any exhibits or attachments hereto, the terms of this Agreement shall control.

[Remainder of page intentionally left blank. Signature pages follow.]

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IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONTRACTOR

By: _____

Name: _____

Title: _____

Entity: **LEGAL NAME OF ENTITY**

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____ (email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____ (facsimile)
_____(email)

SAMPLE

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

Entity Name: _____

ACKNOWLEDGMENT

State of Florida

County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20____, by_____ (name of person) as _____ (type of authority) for _____ _____ (name of party on behalf of whom instrument is executed).

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

_____Produced identification (Type of Identification:_____)

_____Did take an oath; or

_____Did not take an oath

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of _____, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____

Print Name: _____

Title: _____

Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20____, by_____ (name of person) as _____ (type of authority) for _____ _____(name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____

Print Name: _____

Title: _____

Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20____, by_____ (name of person) as _____ (type of authority) for _____ _____(name of party on behalf of whom instrument is executed).

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

EXHIBIT A

SCOPE OF SERVICES

The Scope of Services are those contained in the Proposal Section 2. dated _____, 2025 , attached hereto and incorporated herein by reference.

EXHIBIT B

CERTIFICATE OF INSURANCE

[ATTACH CERTIFICATE OF INSURANCE]

Village of Key Biscayne
Procurement Department
88 West McIntyre Street
Key Biscayne, Florida 33149

Phone (305) 365-7577
procurement@keybiscayne.fl.gov
www.keybiscayne.fl.gov

Addendum No. 1

RFQ for Village of Key Biscayne Grant Administration Support Services
Addendum Release Date March 18, 2025

RFQ # 2025-01

ITB Due Date/Time: April 03, 2024, 11:30 a.m. Eastern Standard Time

Submit To: DemandStar
https://www.demandstar.com

The purpose of this Addendum is to answer questions received from potential proposers or provide additional information as it relates to this solicitation.

IMPORTANT NOTE – the following is added to RFQ # 2025-01. It is the Proposer's responsibility to use the revised information when preparing the response.

1. Q: Please provide insight into the anticipated division of services between grant writing and grant management. Understanding the approximate percentage of each component within the scope of work would be incredibly helpful as we prepare our response.
   A: I would assume mostly management work including reporting, tracking progress, and submitting reimbursements, among other tasks as described in the RFQ. That may fluctuate depending on the granting agency requirements and each year depending on what grants the village wants to apply for.

2. Q: What is the budget?
   A: The cost of the services to be provided on an annual basis will be negotiated with the selected firm. Because this is an RFQ, price is not a factor in the selection process. The annual budget will include a line item for this contract.

3. Q: Does the Village currently have a contract for grant administration support services? If yes, what firm holds the current contract?
   A: We currently utilize different firms for various grant pursuits depending on their specialty and the technical nature of the grant application. We engage these firms as needed, not through an annual contract.

4. Q: Does the Village have a software/cloud-based program it uses for grant writing and management? If so, which product(s) is the Village using?
   A: No, we do not.

5. Q: Are there expected funding levels by Village program, or will grant opportunities be researched on an as-needed basis for each area?
   A: Grant opportunities will be researched on an as-needed basis.

6. Q: The RFQ states that there is a 30-page limit for all responses, excluding the cover sheet. Can you confirm if all 15 forms are included in this page limit?
   A: The 30-page limit does not include the Village required documents.

Village of Key Biscayne
Procurement Department
88 West McIntyre Street
Key Biscayne, Florida 33149

Phone (305) 365-7577
procurement@keybiscayne.fl.gov
www.keybiscayne.fl.gov

7. Q: With this RFQ advertising professional services associated with grant administration, would the Village accept our firm's insurance certificate in lieu of Form 16, which appears to be geared toward construction services?
   A: Yes.

8. Q: The indemnity provision section 12. Indemnification on pages 70 and 71 of the proposal is not in compliance with FL Statute 725.08 and is unenforceable. Will you agree to reword the indemnification to conform with the statute? Suggested language per FL Statute 725.08: "The design professional shall indemnify and hold harmless the agency, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the design professional and other persons employed or utilized by the design professional in the performance of the contract."
   A: No. The Village is seeking general grant administration support services, which services do not entail or require any architectural, landscape architecture, engineering, or land surveying and mapping work.

9. Q: Would the Village please revise Section 20 "Compliance with Laws" to clarify that the Consultant shall obtain required "professional" permits to perform the Services? We cannot warrant that agencies will approve of all permits requested by the Village.
   A: The Village requires any work to be conducted in compliance with applicable laws, ordinances, rules, and regulations, and, if applicable, the work must be performed pursuant to a valid permit.

10. Q: The other agreement questions received
    A: The Village will address any non-material contract negotiations relating to this clause after ranking, evaluation, and selection of the Successful Respondent(s).

11. Q: What is the difference between "cover sheet" and "title page" in the proposal submission requirements? Please clarify what you want here.
    A: Cover sheet should be like a cover letter. The title page is just a title page.

12. Q: The sections required in the proposal "Service Team and Resume" and "Personnel Plan" are essentially asking for the same content. Org charts, qualifications, proposed team. Do you really want the same information presented twice?
    A: No, once is enough.

13. Q: Does the resumes for each individual count toward the 30 page limit?
    A: Yes.

14. Q: Is there a DBE percentage participation goal requirement?
    A: No.

15. Q: Do subconsultants need to submit any of the Required Forms?
    A: No.

16. Q: Tab D. Subcontracting plan states to specify proposed dollars amount of subcontracting effort by category. Since this is an on-call contract, would the Village accept TBD or a percentage as a response?
    A: Percentage would work

Village of Key Biscayne
Procurement Department
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Phone (305) 365-7577
procurement@keybiscayne.fl.gov
www.keybiscayne.fl.gov

17. Q: Is there a Tab F? There is not one listed in 3.5 Proposal Format.
A: No.

18. Q: Could the Village clarify the proposal scoring for each category/tab?
A:

Category	**Score (Points)**
Project Approach	30
Organizational Profile	30
Project Experience/Qualifications	40
Total:	**100 Points**

End of Addendum # 1

PROFESSIONAL SERVICES AGREEMENT

BETWEEN

THE VILLAGE OF KEY BISCAYNE

AND

BELLTOWER CONSULTING GROUP LLC.

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **BELLTOWER CONSULTING GROUP LLC.,** a Florida limited liability company (hereinafter, the "Consultant").

WHEREAS, on February 20, 2025, the Village issued Request for Qualification No. 2025-01 (the "RFQ") for Village of Key Biscayne Grant Administration Support Services, which the RFQ is incorporated herein by reference; and

WHEREAS, the services needed by the Village are specifically identified in Section 2 of the RFQ (the "Services"), which Section 2 of the RFQ is incorporated herein and attached hereto as Exhibit "A"; and

WHEREAS, in response to the RFQ, the Consultant submitted the proposal attached hereto as Exhibit "B" (the "Proposal"); and

WHEREAS, the Consultant and Village, through mutual negotiation, have agreed upon a fee for the Services; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. Scope of Services.

1.1. Consultant shall provide the Services set forth in the Proposal attached hereto as Exhibit "A" and incorporated herein by reference (the "Services").

1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. Term/Commencement Date.

2.1. The term of this Agreement shall be from the Effective Date through one year thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village

Manager may renew this Agreement for four additional one-year periods on the same terms as set forth herein upon written notice to the Consultant.

2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. Compensation and Payment.

3.1. Compensation for Services provided by Consultant shall be in accordance with the Proposal attached hereto as Exhibit "B." in the amount of $49,500.00 not exceed in the first year.

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village, and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop working on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional

Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. Additional Insured. Except with respect to Professional Liability Insurance and Worker's Compensation Insurance**,** the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. Deductibles. All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. Nondiscrimination. During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. Attorneys Fees and Waiver of Jury Trial.

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. Indemnification.

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes. IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records:	**Jocelyn B. Koch**
Mailing address:	**88 West McIntyre Street**
	Key Biscayne, FL 33149
Telephone number:	**305-365-5506**
Email:	**jkoch@keybiscayne.fl.gov**

17. **Nonassignability.** This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. **Severability.** If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. **Independent Contractor.** The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.** The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **State Required Affidavits.** By entering into this Agreement, the Consultant agrees to review and comply with the following state affidavit requirements:

24.1. **Public Entity Crimes Affidavit.** Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

24.2. **Scrutinized Companies.** Consultant certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, Florida Statues, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement. If this Agreement is for more than one million dollars, the Consultant certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, Florida Statutes. Pursuant to Section 287.135, Florida Statutes, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

24.3. **E-Verify Affidavit.** In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Consultant acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

24.4. **Noncoercive Conduct Affidavit.** Pursuant to Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the

nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes. By entering into this Agreement, the Consultant acknowledges that it has read Section 787.06, Florida Statutes, and will comply with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

24.5. Prohibition on Contracting with Entities of Foreign Concern. Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern. By entering into this Agreement, the Consultant acknowledges that it has read Section 287.138, Florida Statutes, and complies with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

25. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. Conflicts. In the event of a conflict between the terms of this Agreement and any exhibits or attachments hereto, the terms of this Agreement shall control.

[Remainder of page intentionally left blank. Signature pages follow.]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch, CMC
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONSULTANT

BELLTOWER CONSULTING GROUP, LLC

By: _____

Name: LaKeesha Morris-Moreau

Title: President & CEO

Entity: BellTower Consulting Group, LLC

Addresses for Notice:
BellTower Consulting Group, LLC
14876 SW 168th Terrace
Miami, FL33187

786-232-0771 (telephone)
_____ (facsimile)
LaKeesha@belltowergroup.org (email)

With a copy to:

_____ (telephone)
_____ (facsimile)
_____ (email)

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

Clarissa Pittier
Witness #1 Print Name: Clarissa Pittier

Witness #2 Print Name: Julia Jimenez

Signed, sealed and delivered by:

Print Name: LaKeesha Morris-Moreau
Title: President & CEO
Entity Name: BellTower Consulting Group, LLC

ACKNOWLEDGMENT

State of Florida
County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 8 day of July, 20 25, by LaKeesha Morris-Moreau (name of person) as President/CEO (type of authority) for BellTower Consulting Group, LLC (name of party on behalf of whom instrument is executed).

Clarissa Pittier
Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
__✓__ Produced identification (Type of Identification: FL driver license)
_____ Did take an oath; or
__✓__ Did not take an oath

CLARISSA PITTIER
Notary Public - State of Florida
Commission # HH 636041
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

Company ID Number: 1518952

THE E-VERIFY
MEMORANDUM OF UNDERSTANDING
FOR EMPLOYERS

ARTICLE I
PURPOSE AND AUTHORITY

The parties to this agreement are the Department of Homeland Security (DHS) and the BELLTOWER CONSULTING GROUP (Employer). The purpose of this agreement is to set forth terms and conditions which the Employer will follow while participating in E-Verify.

E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of Form I-9, Employment Eligibility Verification (Form I-9). This Memorandum of Understanding (MOU) explains certain features of the E-Verify program and describes specific responsibilities of the Employer, the Social Security Administration (SSA), and DHS.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note). The Federal Acquisition Regulation (FAR) Subpart 22.18, "Employment Eligibility Verification" and Executive Order 12989, as amended, provide authority for Federal contractors and subcontractors (Federal contractor) to use E-Verify to verify the employment eligibility of certain employees working on Federal contracts.

ARTICLE II
RESPONSIBILITIES

A. RESPONSIBILITIES OF THE EMPLOYER

1. The Employer agrees to display the following notices supplied by DHS in a prominent place that is clearly visible to prospective employees and all employees who are to be verified through the system:

   a. Notice of E-Verify Participation

   b. Notice of Right to Work

2. The Employer agrees to provide to the SSA and DHS the names, titles, addresses, and telephone numbers of the Employer representatives to be contacted about E-Verify. The Employer also agrees to keep such information current by providing updated information to SSA and DHS whenever the representatives' contact information changes.

3. The Employer agrees to grant E-Verify access only to current employees who need E-Verify access. Employers must promptly terminate an employee's E-Verify access if the employer is separated from the company or no longer needs access to E-Verify.

4. The Employer agrees to become familiar with and comply with the most recent version of the E-Verify User Manual.

5. The Employer agrees that any Employer Representative who will create E-Verify cases will complete the E-Verify Tutorial before that individual creates any cases.

a. The Employer agrees that all Employer representatives will take the refresher tutorials when prompted by E-Verify in order to continue using E-Verify. Failure to complete a refresher tutorial will prevent the Employer Representative from continued use of E-Verify.

6. The Employer agrees to comply with current Form I-9 procedures, with two exceptions:

a. If an employee presents a "List B" identity document, the Employer agrees to only accept "List B" documents that contain a photo. (List B documents identified in 8 C.F.R. § 274a.2(b)(1)(B)) can be presented during the Form I-9 process to establish identity.) If an employee objects to the photo requirement for religious reasons, the Employer should contact E-Verify at 888-464-4218.

b. If an employee presents a DHS Form I-551 (Permanent Resident Card), Form I-766 (Employment Authorization Document), or U.S. Passport or Passport Card to complete Form I-9, the Employer agrees to make a photocopy of the document and to retain the photocopy with the employee's Form I-9. The Employer will use the photocopy to verify the photo and to assist DHS with its review of photo mismatches that employees contest. DHS may in the future designate other documents that activate the photo screening tool.

Note: Subject only to the exceptions noted previously in this paragraph, employees still retain the right to present any List A, or List B and List C, document(s) to complete the Form I-9.

7. The Employer agrees to record the case verification number on the employee's Form I-9 or to print the screen containing the case verification number and attach it to the employee's Form I-9.

8. The Employer agrees that, although it participates in E-Verify, the Employer has a responsibility to complete, retain, and make available for inspection Forms I-9 that relate to its employees, or from other requirements of applicable regulations or laws, including the obligation to comply with the antidiscrimination requirements of section 274B of the INA with respect to Form I-9 procedures.

a. The following modified requirements are the only exceptions to an Employer's obligation to not employ unauthorized workers and comply with the anti-discrimination provision of the INA: (1) List B identity documents must have photos, as described in paragraph 6 above; (2) When an Employer confirms the identity and employment eligibility of newly hired employee using E-Verify procedures, the Employer establishes a rebuttable presumption that it has not violated section 274A(a)(1)(A) of the Immigration and Nationality Act (INA) with respect to the hiring of that employee; (3) If the Employer receives a final nonconfirmation for an employee, but continues to employ that person, the Employer must notify DHS and the Employer is subject to a civil money penalty between $550 and $1,100 for each failure to notify DHS of continued employment following a final nonconfirmation; (4) If the Employer continues to employ an employee after receiving a final nonconfirmation, then the Employer is subject to a rebuttable presumption that it has knowingly

employed an unauthorized alien in violation of section 274A(a)(1)(A); and (5) no E-Verify participant is civilly or criminally liable under any law for any action taken in good faith based on information provided through the E-Verify.

b. DHS reserves the right to conduct Form I-9 compliance inspections, as well as any other enforcement or compliance activity authorized by law, including site visits, to ensure proper use of E-Verify.

9. The Employer is strictly prohibited from creating an E-Verify case before the employee has been hired, meaning that a firm offer of employment was extended and accepted and Form I-9 was completed. The Employer agrees to create an E-Verify case for new employees within three Employer business days after each employee has been hired (after both Sections 1 and 2 of Form I-9 have been completed), and to complete as many steps of the E-Verify process as are necessary according to the E-Verify User Manual. If E-Verify is temporarily unavailable, the three-day time period will be extended until it is again operational in order to accommodate the Employer's attempting, in good faith, to make inquiries during the period of unavailability.

10. The Employer agrees not to use E-Verify for pre-employment screening of job applicants, in support of any unlawful employment practice, or for any other use that this MOU or the E-Verify User Manual does not authorize.

11. The Employer must use E-Verify for all new employees. The Employer will not verify selectively and will not verify employees hired before the effective date of this MOU. Employers who are Federal contractors may qualify for exceptions to this requirement as described in Article II.B of this MOU.

12. The Employer agrees to follow appropriate procedures (see Article III below) regarding tentative nonconfirmations. The Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify case. The Employer agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer agrees to provide written referral instructions to employees and instruct affected employees to bring the English copy of the letter to the SSA. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending. Further, when employees contest a tentative nonconfirmation based upon a photo mismatch, the Employer must take additional steps (see Article III.B. below) to contact DHS with information necessary to resolve the challenge.

13. The Employer agrees not to take any adverse action against an employee based upon the employee's perceived employment eligibility status while SSA or DHS is processing the verification request unless the Employer obtains knowledge (as defined in 8 C.F.R. § 274a.1(l)) that the employee is not work authorized. The Employer understands that an initial inability of the SSA or DHS automated verification system to verify work authorization, a tentative nonconfirmation, a case in continuance (indicating the need for additional time for the government to resolve a case), or the finding of a photo mismatch, does not establish, and should not be interpreted as, evidence that the employee is not work authorized. In any of such cases, the employee must be provided a full and fair opportunity to contest the finding, and if he or she does so, the employee may not be terminated or suffer any adverse employment consequences based upon the employee's perceived employment eligibility status

(including denying, reducing, or extending work hours, delaying or preventing training, requiring an employee to work in poorer conditions, withholding pay, refusing to assign the employee to a Federal contract or other assignment, or otherwise assuming that he or she is unauthorized to work) until and unless secondary verification by SSA or DHS has been completed and a final nonconfirmation has been issued. If the employee does not choose to contest a tentative nonconfirmation or a photo mismatch or if a secondary verification is completed and a final nonconfirmation is issued, then the Employer can find the employee is not work authorized and terminate the employee's employment. Employers or employees with questions about a final nonconfirmation may call E-Verify at 1-888-464-4218 (customer service) or 1-888-897-7781 (worker hotline).

14. The Employer agrees to comply with Title VII of the Civil Rights Act of 1964 and section 274B of the INA as applicable by not discriminating unlawfully against any individual in hiring, firing, employment eligibility verification, or recruitment or referral practices because of his or her national origin or citizenship status, or by committing discriminatory documentary practices. The Employer understands that such illegal practices can include selective verification or use of E-Verify except as provided in part D below, or discharging or refusing to hire employees because they appear or sound "foreign" or have received tentative nonconfirmations. The Employer further understands that any violation of the immigration-related unfair employment practices provisions in section 274B of the INA could subject the Employer to civil penalties, back pay awards, and other sanctions, and violations of Title VII could subject the Employer to back pay awards, compensatory and punitive damages. Violations of either section 274B of the INA or Title VII may also lead to the termination of its participation in E-Verify. If the Employer has any questions relating to the anti-discrimination provision, it should contact OSC at 1-800-255-8155 or 1-800-237-2515 (TDD).

15. The Employer agrees that it will use the information it receives from E-Verify only to confirm the employment eligibility of employees as authorized by this MOU. The Employer agrees that it will safeguard this information, and means of access to it (such as PINS and passwords), to ensure that it is not used for any other purpose and as necessary to protect its confidentiality, including ensuring that it is not disseminated to any person other than employees of the Employer who are authorized to perform the Employer's responsibilities under this MOU, except for such dissemination as may be authorized in advance by SSA or DHS for legitimate purposes.

16. The Employer agrees to notify DHS immediately in the event of a breach of personal information. Breaches are defined as loss of control or unauthorized access to E-Verify personal data. All suspected or confirmed breaches should be reported by calling 1-888-464-4218 or via email at E-Verify@dhs.gov. Please use "Privacy Incident – Password" in the subject line of your email when sending a breach report to E-Verify.

17. The Employer acknowledges that the information it receives from SSA is governed by the Privacy Act (5 U.S.C. § 552a(i)(1) and (3)) and the Social Security Act (42 U.S.C. 1306(a)). Any person who obtains this information under false pretenses or uses it for any purpose other than as provided for in this MOU may be subject to criminal penalties.

18. The Employer agrees to cooperate with DHS and SSA in their compliance monitoring and evaluation of E-Verify, which includes permitting DHS, SSA, their contractors and other agents, upon

reasonable notice, to review Forms I-9 and other employment records and to interview it and its employees regarding the Employer's use of E-Verify, and to respond in a prompt and accurate manner to DHS requests for information relating to their participation in E-Verify.

19. The Employer shall not make any false or unauthorized claims or references about its participation in E-Verify on its website, in advertising materials, or other media. The Employer shall not describe its services as federally-approved, federally-certified, or federally-recognized, or use language with a similar intent on its website or other materials provided to the public. Entering into this MOU does not mean that E-Verify endorses or authorizes your E-Verify services and any claim to that effect is false.

20. The Employer shall not state in its website or other public documents that any language used therein has been provided or approved by DHS, USCIS or the Verification Division, without first obtaining the prior written consent of DHS.

21. The Employer agrees that E-Verify trademarks and logos may be used only under license by DHS/USCIS (see M-795 (Web)) and, other than pursuant to the specific terms of such license, may not be used in any manner that might imply that the Employer's services, products, websites, or publications are sponsored by, endorsed by, licensed by, or affiliated with DHS, USCIS, or E-Verify.

22. The Employer understands that if it uses E-Verify procedures for any purpose other than as authorized by this MOU, the Employer may be subject to appropriate legal action and termination of its participation in E-Verify according to this MOU.

B. RESPONSIBILITIES OF FEDERAL CONTRACTORS

1. If the Employer is a Federal contractor with the FAR E-Verify clause subject to the employment verification terms in Subpart 22.18 of the FAR, it will become familiar with and comply with the most current version of the E-Verify User Manual for Federal Contractors as well as the E-Verify Supplemental Guide for Federal Contractors.

2. In addition to the responsibilities of every employer outlined in this MOU, the Employer understands that if it is a Federal contractor subject to the employment verification terms in Subpart 22.18 of the FAR it must verify the employment eligibility of any "employee assigned to the contract" (as defined in FAR 22.1801). Once an employee has been verified through E-Verify by the Employer, the Employer may not create a second case for the employee through E-Verify.

a. An Employer that is not enrolled in E-Verify as a Federal contractor at the time of a contract award must enroll as a Federal contractor in the E-Verify program within 30 calendar days of contract award and, within 90 days of enrollment, begin to verify employment eligibility of new hires using E-Verify. The Employer must verify those employees who are working in the United States, whether or not they are assigned to the contract. Once the Employer begins verifying new hires, such verification of new hires must be initiated within three business days after the hire date. Once enrolled in E-Verify as a Federal contractor, the Employer must begin verification of employees assigned to the contract within 90 calendar days after the date of enrollment or within 30 days of an employee's assignment to the contract, whichever date is later.

b. Employers enrolled in E-Verify as a Federal contractor for 90 days or more at the time of a contract award must use E-Verify to begin verification of employment eligibility for new hires of the Employer who are working in the United States, whether or not assigned to the contract, within three business days after the date of hire. If the Employer is enrolled in E-Verify as a Federal contractor for 90 calendar days or less at the time of contract award, the Employer must, within 90 days of enrollment, begin to use E-Verify to initiate verification of new hires of the contractor who are working in the United States, whether or not assigned to the contract. Such verification of new hires must be initiated within three business days after the date of hire. An Employer enrolled as a Federal contractor in E-Verify must begin verification of each employee assigned to the contract within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever is later.

c. Federal contractors that are institutions of higher education (as defined at 20 U.S.C. 1001(a)), state or local governments, governments of Federally recognized Indian tribes, or sureties performing under a takeover agreement entered into with a Federal agency under a performance bond may choose to only verify new and existing employees assigned to the Federal contract. Such Federal contractors may, however, elect to verify all new hires, and/or all existing employees hired after November 6, 1986. Employers in this category must begin verification of employees assigned to the contract within 90 calendar days after the date of enrollment or within 30 days of an employee's assignment to the contract, whichever date is later.

d. Upon enrollment, Employers who are Federal contractors may elect to verify employment eligibility of all existing employees working in the United States who were hired after November 6, 1986, instead of verifying only those employees assigned to a covered Federal contract. After enrollment, Employers must elect to verify existing staff following DHS procedures and begin E-Verify verification of all existing employees within 180 days after the election.

e. The Employer may use a previously completed Form I-9 as the basis for creating an E-Verify case for an employee assigned to a contract as long as:

i. That Form I-9 is complete (including the SSN) and complies with Article II.A.6,

ii. The employee's work authorization has not expired, and

iii. The Employer has reviewed the Form I-9 information either in person or in communications with the employee to ensure that the employee's Section 1, Form I-9 attestation has not changed (including, but not limited to, a lawful permanent resident alien having become a naturalized U.S. citizen).

f. The Employer shall complete a new Form I-9 consistent with Article II.A.6 or update the previous Form I-9 to provide the necessary information if:

i. The Employer cannot determine that Form I-9 complies with Article II.A.6,

ii. The employee's basis for work authorization as attested in Section 1 has expired or changed, or

iii. The Form I-9 contains no SSN or is otherwise incomplete.

Note: If Section 1 of Form I-9 is otherwise valid and up-to-date and the form otherwise complies with

Article II.C.5, but reflects documentation (such as a U.S. passport or Form I-551) that expired after completing Form I-9, the Employer shall not require the production of additional documentation, or use the photo screening tool described in Article II.A.5, subject to any additional or superseding instructions that may be provided on this subject in the E-Verify User Manual.

g. The Employer agrees not to require a second verification using E-Verify of any assigned employee who has previously been verified as a newly hired employee under this MOU or to authorize verification of any existing employee by any Employer that is not a Federal contractor based on this Article.

3. The Employer understands that if it is a Federal contractor, its compliance with this MOU is a performance requirement under the terms of the Federal contract or subcontract, and the Employer consents to the release of information relating to compliance with its verification responsibilities under this MOU to contracting officers or other officials authorized to review the Employer's compliance with Federal contracting requirements.

C. RESPONSIBILITIES OF SSA

1. SSA agrees to allow DHS to compare data provided by the Employer against SSA's database. SSA sends DHS confirmation that the data sent either matches or does not match the information in SSA's database.

2. SSA agrees to safeguard the information the Employer provides through E-Verify procedures. SSA also agrees to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security numbers or responsible for evaluation of E-Verify or such other persons or entities who may be authorized by SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).

3. SSA agrees to provide case results from its database within three Federal Government work days of the initial inquiry. E-Verify provides the information to the Employer.

4. SSA agrees to update SSA records as necessary if the employee who contests the SSA tentative nonconfirmation visits an SSA field office and provides the required evidence. If the employee visits an SSA field office within the eight Federal Government work days from the date of referral to SSA, SSA agrees to update SSA records, if appropriate, within the eight-day period unless SSA determines that more than eight days may be necessary. In such cases, SSA will provide additional instructions to the employee. If the employee does not visit SSA in the time allowed, E-Verify may provide a final nonconfirmation to the employer.

Note: If an Employer experiences technical problems, or has a policy question, the employer should contact E-Verify at 1-888-464-4218.

D. RESPONSIBILITIES OF DHS

1. DHS agrees to provide the Employer with selected data from DHS databases to enable the Employer to conduct, to the extent authorized by this MOU:

a. Automated verification checks on alien employees by electronic means, and

b. Photo verification checks (when available) on employees.

2. DHS agrees to assist the Employer with operational problems associated with the Employer's participation in E-Verify. DHS agrees to provide the Employer names, titles, addresses, and telephone numbers of DHS representatives to be contacted during the E-Verify process.

3. DHS agrees to provide to the Employer with access to E-Verify training materials as well as an E-Verify User Manual that contain instructions on E-Verify policies, procedures, and requirements for both SSA and DHS, including restrictions on the use of E-Verify.

4. DHS agrees to train Employers on all important changes made to E-Verify through the use of mandatory refresher tutorials and updates to the E-Verify User Manual. Even without changes to E-Verify, DHS reserves the right to require employers to take mandatory refresher tutorials.

5. DHS agrees to provide to the Employer a notice, which indicates the Employer's participation in E-Verify. DHS also agrees to provide to the Employer anti-discrimination notices issued by the Office of Special Counsel for Immigration-Related Unfair Employment Practices (OSC), Civil Rights Division, U.S. Department of Justice.

6. DHS agrees to issue each of the Employer's E-Verify users a unique user identification number and password that permits them to log in to E-Verify.

7. DHS agrees to safeguard the information the Employer provides, and to limit access to such information to individuals responsible for the verification process, for evaluation of E-Verify, or to such other persons or entities as may be authorized by applicable law. Information will be used only to verify the accuracy of Social Security numbers and employment eligibility, to enforce the INA and Federal criminal laws, and to administer Federal contracting requirements.

8. DHS agrees to provide a means of automated verification that provides (in conjunction with SSA verification procedures) confirmation or tentative nonconfirmation of employees' employment eligibility within three Federal Government work days of the initial inquiry.

9. DHS agrees to provide a means of secondary verification (including updating DHS records) for employees who contest DHS tentative nonconfirmations and photo mismatch tentative nonconfirmations. This provides final confirmation or nonconfirmation of the employees' employment eligibility within 10 Federal Government work days of the date of referral to DHS, unless DHS determines that more than 10 days may be necessary. In such cases, DHS will provide additional verification instructions.

ARTICLE III
REFERRAL OF INDIVIDUALS TO SSA AND DHS

A. REFERRAL TO SSA

1. If the Employer receives a tentative nonconfirmation issued by SSA, the Employer must print the notice as directed by E-Verify. The Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify

case. The Employer also agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer agrees to provide written referral instructions to employees and instruct affected employees to bring the English copy of the letter to the SSA. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending.

2. The Employer agrees to obtain the employee's response about whether he or she will contest the tentative nonconfirmation as soon as possible after the Employer receives the tentative nonconfirmation. Only the employee may determine whether he or she will contest the tentative nonconfirmation.

3. After a tentative nonconfirmation, the Employer will refer employees to SSA field offices only as directed by E-Verify. The Employer must record the case verification number, review the employee information submitted to E-Verify to identify any errors, and find out whether the employee contests the tentative nonconfirmation. The Employer will transmit the Social Security number, or any other corrected employee information that SSA requests, to SSA for verification again if this review indicates a need to do so.

4. The Employer will instruct the employee to visit an SSA office within eight Federal Government work days. SSA will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it determines that more than 10 days is necessary.

5. While waiting for case results, the Employer agrees to check the E-Verify system regularly for case updates.

6. The Employer agrees not to ask the employee to obtain a printout from the Social Security Administration number database (the Numident) or other written verification of the SSN from the SSA.

B. REFERRAL TO DHS

1. If the Employer receives a tentative nonconfirmation issued by DHS, the Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify case. The Employer also agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending.

2. The Employer agrees to obtain the employee's response about whether he or she will contest the tentative nonconfirmation as soon as possible after the Employer receives the tentative nonconfirmation. Only the employee may determine whether he or she will contest the tentative nonconfirmation.

3. The Employer agrees to refer individuals to DHS only when the employee chooses to contest a tentative nonconfirmation.

4. If the employee contests a tentative nonconfirmation issued by DHS, the Employer will instruct the

employee to contact DHS through its toll-free hotline (as found on the referral letter) within eight Federal Government work days.

5. If the Employer finds a photo mismatch, the Employer must provide the photo mismatch tentative nonconfirmation notice and follow the instructions outlined in paragraph 1 of this section for tentative nonconfirmations, generally.

6. The Employer agrees that if an employee contests a tentative nonconfirmation based upon a photo mismatch, the Employer will send a copy of the employee's Form I-551, Form I-766, U.S. Passport, or passport card to DHS for review by:

a. Scanning and uploading the document, or

b. Sending a photocopy of the document by express mail (furnished and paid for by the employer).

7. The Employer understands that if it cannot determine whether there is a photo match/mismatch, the Employer must forward the employee's documentation to DHS as described in the preceding paragraph. The Employer agrees to resolve the case as specified by the DHS representative who will determine the photo match or mismatch.

8. DHS will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it determines that more than 10 days is necessary.

9. While waiting for case results, the Employer agrees to check the E-Verify system regularly for case updates.

ARTICLE IV
SERVICE PROVISIONS

A. NO SERVICE FEES

1. SSA and DHS will not charge the Employer for verification services performed under this MOU. The Employer is responsible for providing equipment needed to make inquiries. To access E-Verify, an Employer will need a personal computer with Internet access.

ARTICLE V
MODIFICATION AND TERMINATION

A. MODIFICATION

1. This MOU is effective upon the signature of all parties and shall continue in effect for as long as the SSA and DHS operates the E-Verify program unless modified in writing by the mutual consent of all parties.

2. Any and all E-Verify system enhancements by DHS or SSA, including but not limited to E-Verify checking against additional data sources and instituting new verification policies or procedures, will be covered under this MOU and will not cause the need for a supplemental MOU that outlines these changes.

B. TERMINATION

1. The Employer may terminate this MOU and its participation in E-Verify at any time upon 30 days prior written notice to the other parties.

2. Notwithstanding Article V, part A of this MOU, DHS may terminate this MOU, and thereby the Employer's participation in E-Verify, with or without notice at any time if deemed necessary because of the requirements of law or policy, or upon a determination by SSA or DHS that there has been a breach of system integrity or security by the Employer, or a failure on the part of the Employer to comply with established E-Verify procedures and/or legal requirements. The Employer understands that if it is a Federal contractor, termination of this MOU by any party for any reason may negatively affect the performance of its contractual responsibilities. Similarly, the Employer understands that if it is in a state where E-Verify is mandatory, termination of this by any party MOU may negatively affect the Employer's business.

3. An Employer that is a Federal contractor may terminate this MOU when the Federal contract that requires its participation in E-Verify is terminated or completed. In such cases, the Federal contractor must provide written notice to DHS. If an Employer that is a Federal contractor fails to provide such notice, then that Employer will remain an E-Verify participant, will remain bound by the terms of this MOU that apply to non-Federal contractor participants, and will be required to use the E-Verify procedures to verify the employment eligibility of all newly hired employees.

4. The Employer agrees that E-Verify is not liable for any losses, financial or otherwise, if the Employer is terminated from E-Verify.

ARTICLE VI
PARTIES

A. Some or all SSA and DHS responsibilities under this MOU may be performed by contractor(s), and SSA and DHS may adjust verification responsibilities between each other as necessary. By separate agreement with DHS, SSA has agreed to perform its responsibilities as described in this MOU.

B. Nothing in this MOU is intended, or should be construed, to create any right or benefit, substantive or procedural, enforceable at law by any third party against the United States, its agencies, officers, or employees, or against the Employer, its agents, officers, or employees.

C. The Employer may not assign, directly or indirectly, whether by operation of law, change of control or merger, all or any part of its rights or obligations under this MOU without the prior written consent of DHS, which consent shall not be unreasonably withheld or delayed. Any attempt to sublicense, assign, or transfer any of the rights, duties, or obligations herein is void.

D. Each party shall be solely responsible for defending any claim or action against it arising out of or related to E-Verify or this MOU, whether civil or criminal, and for any liability wherefrom, including (but not limited to) any dispute between the Employer and any other person or entity regarding the applicability of Section 403(d) of IIRIRA to any action taken or allegedly taken by the Employer.

E. The Employer understands that its participation in E-Verify is not confidential information and may be disclosed as authorized or required by law and DHS or SSA policy, including but not limited to,

Congressional oversight, E-Verify publicity and media inquiries, determinations of compliance with Federal contractual requirements, and responses to inquiries under the Freedom of Information Act (FOIA).

F. The individuals whose signatures appear below represent that they are authorized to enter into this MOU on behalf of the Employer and DHS respectively. The Employer understands that any inaccurate statement, representation, data or other information provided to DHS may subject the Employer, its subcontractors, its employees, or its representatives to: (1) prosecution for false statements pursuant to 18 U.S.C. 1001 and/or; (2) immediate termination of its MOU and/or; (3) possible debarment or suspension.

G. The foregoing constitutes the full agreement on this subject between DHS and the Employer.

To be accepted as an E-Verify participant, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify at 1-888-464-4218.

Company ID Number: 1518952

Approved by:

Employer BELLTOWER CONSULTING GROUP	
Name (Please Type or Print) LaKeesha Moreau	Title
Signature Electronically Signed	Date 03/11/2020
Department of Homeland Security – Verification Division	
Name (Please Type or Print) USCIS Verification Division	Title
Signature Electronically Signed	Date 03/11/2020

Company ID Number: 1518952

Information Required for the E-Verify Program **Information relating to your Company:**	
Company Name	BELLTOWER CONSULTING GROUP
Company Facility Address	14876 SW 168 TERRACE MIAMI, FL 33187
Company Alternate Address	
County or Parish	MIAMI-DADE
Employer Identification Number	272225823
North American Industry Classification Systems Code	921
Parent Company	
Number of Employees	1 to 4
Number of Sites Verified for	1

Company ID Number: 1518952

Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:

FLORIDA	1 site(s)

Company ID Number: 1518952

Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:

Name	LaKeesha M Moreau
Phone Number	(305) 458 - 6426
Fax Number	
Email Address	info@belltowergroup.org

Name	LaKeesha M Moreau
Phone Number	(305) 458 - 6426
Fax Number	
Email Address	info@belltowergroup.org

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AFFIDAVIT ATTESTING TO
NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of BellTower Consulting Group, LLC , a nongovernmental entity.

3. BellTower Consulting Group, LLC does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

Clarissa Pittier
Witness #1 Print Name: Clarissa Pittier

Witness #2 Print Name: Julia Jimenez

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: LaKeesha Morris-Moreau
Title: President & CEO
Entity Name: BellTower Consulting Group, LLC

OATH OR AFFIRMATION

State of Florida
County of Miami-Dade

Sworn to (or affirmed) and subscribed before me by means of ☑ physical presence or ☐ online notarization, this 8 day of July , 2025 , by LaKeesha Morris-Moreau (name of person) as President & CEO (type of authority) for BellTower Consulting Group, LLC (name of party on behalf of whom instrument is executed).

Clarissa Pittier
Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
__✓__ Produced identification (Type of Identification: FL driver license)
__✓__ Did take an oath; or
_____ Did not take an oath

CLARISSA PITTIER
Notary Public - State of Florida
Commission # HH 636041
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. BellTower Consulting Group, LLC ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Clarissa Pittier
Witness #1 Print Name: Clarissa Pittier

Witness #2 Print Name: Julia Jimenez

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: LaKeesha Morris-Moreau
Title: President & CEO
Entity Name: BellTower Consulting Group, LLC

OATH OR AFFIRMATION

State of Florida
County of Miami-Dade

Sworn to (or affirmed) and subscribed before me by means of ☑ physical presence or ☐ online notarization, this 8 day of July, 2025 by LaKeesha Morris-Moreau (name of person) as President & CEO (type of authority) for BellTower Consulting Group, LLC (name of party on behalf of whom instrument is executed).

Clarissa Pittier
Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
✓ Produced identification (Type of Identification: FL driver license)
✓ Did take an oath; or
_____ Did not take an oath

CLARISSA PITTIER
Notary Public - State of Florida
Commission # HH 636041
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

Contract No. 2025-01

EXHIBIT A
SCOPE OF SERVICES

The Scope of Services are those contained in Section 2 of the RFQ, attached hereto and incorporated herein by reference.

2.1 PROJECT DESCRIPTION:

The Village of Key Biscayne seeks a qualified firm to provide comprehensive grant administration support services. The firm will assist the Village in administering various grants and loans, ranging from local, state, and federal levels, including but not limited to:

- FDOT (Florida Department of Transportation)
- Miami-Dade County TPO
- FDEP (Florida Department of Environmental Protection)
- FDEP CWSRF (Clean Water State Revolving Loan Fund)
- FDEM (Florida Division of Emergency Management)
- FEMA Hazard Mitigation Grant Program (HMGP)
- Federal Community Funding Projects / Environmental Protection Agency (EPA)
- Miami-Dade County Road Impact Fee/Multi-modal Fee (RIF/MMF) Joint Partnership Agreements (JPA)

These services will ensure compliance with grant requirements and optimize financial management of grant funds.

2.2 KEY RESPONSIBILITIES

1. Grant Reporting and Documentation
   - Prepare and submit required reports to grant issuing agencies.
   - Maintain accurate records of grant activities, including performance metrics, spending, and outcomes.
   - Track progress of grant-funded projects and prepare progress reports for Village Staff and leadership as needed.
   - When necessary, compile internal Village of Key Biscayne Staff hours worked for reimbursement.
2. Compliance Management
   - Ensure compliance with all local, state, and federal regulations regarding grants, including procurement and financial management standards.
   - Advise the Village on necessary procurement requirements and contract provisions for goods and services funded with grant dollars based on grant funding source (state, federal, etc.) prior to grant application submission.
   - Coordinate responses to requests for information (RFIs) or audits from grant administrators.
3. Reimbursement Management and Invoicing
   - Track and manage invoices related to grant-funded projects to ensure timely submission and payment.
   - Submit reimbursement requests. Compile supporting documentation such as invoices, receipts, and other proof of expenditures.

4. Grant Tracking and Financial Management
    - Adapt and improve upon the Village's current grant tracking system to manage grant timelines, key deadlines, deliverables, and financial data.
    - Track and report on the financial status of each grant, including funds remaining, funds spent, funds received in reimbursement, and outstanding reimbursements.
5. Grant Opportunity Evaluation and Identification
    - Monitor and track changes in grant program priorities and goals and advise the Village on how to adapt to these changes to remain competitive.
    - Research and evaluate potential grant opportunities that align with the Village's strategic goals, projects, annual budget cycle, and funding needs.
    - Assist the Village in preparing applications for new grants, including gathering required documents, developing grant narratives, and project descriptions.
6. Meeting Attendance
    - Attend Council meetings upon request.
    - Attend staff meetings upon request.

2.3 REQUIRED QUALIFICATIONS:

- At least five years' experience administering a variety of grant types, including Federal, State and local agency grants.
- Proven record of managing large-scale, multi-year grants, including complex reimbursement processes where a project may have several grants attached to different components of it.
- In-depth knowledge of requirements of using federal and state dollars related to procurement, financial reporting, and compliance. Strong knowledge of Federal Compliance including 2 CFR Part 200.
- Familiarity with granting agency reporting platforms such as FEMA GO, Grants.gov, etc.
- Ability to manage multiple grants simultaneously, ensuring timely completion of reporting and reimbursement requests.
- Experience creating and managing internal tracking systems to stay ahead of deadlines and ensure compliance.
- Ability to function as liaison between Village staff, project managers, and other consultants to gather necessary data and documents for grant management.

2.4 SCOPE OF ANNUAL SERVICES TO BE PROVIDED:

This contract aims to support Village staff in managing and administering specific grant awards, easing the administrative load associated with these projects. The Village currently has about 20 active grants constantly evaluates grant pursuit opportunities. As the Village continues to secure awards, this contract will ensure that dedicated resources are available to manage awarded grants effectively. This approach allows the Village to maintain focus on pursuing new opportunities while efficiently administering the existing grants. In addition to the Key Responsibilities listed above, the following deliverables will be included in this scope of work.

2.4.1 Contract Deliverables (Year 1 of Contract)

- Grant reimbursement tracking system
- Grant tracking and monitoring system
- Grant management folder structure
- Grant pursuit evaluation criteria

2.5 VILLAGE OF KEY BISCAYNE CURRENT PURSUITS AND ACTIVE AWARDS:

The Village does not expect this contract to provide administrative support on all the grants listed below. This list serves to provide background information related to the types of grants the Village is aware of, pursuing, or has active grant agreements with.

- Environmental Protection Agency Community Funding Program
- FEMA Reimbursements for Disaster Expenses
- Resilient Florida
- Biscayne Bay Water Quality Grant
- Hazard Mitigation Grant Program
- Miami-Dade Neat Streets Grant
- Miami-Dade County Road Impact Fee / Multimodal Fee
- Florida Recreation Development Assistance Program
- Land and Water Conservation Fund
- Recreational Trails Program
- Coastal Partnership Initiative
- Beach Management Funding Assistance Program
- Transit Development Program Grant
- Transportation Planning Organization Municipal Planning Grant
- Miami-Dade Neat Streets Grant
- Transportation Alternatives Grant Program
- FDOT Traffic Safety Grant
- Agency for Persons with Disabilities Programmatic Grant
- Assistance with Fire Fighters Grant
- Fire House Sub Grant
- National Endowment for the Arts (Challenge America)
- Waterways Assistance Program (Florida Inland Navigation District)

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES
Solicitation No.:
RFQ # 2025-01

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. 1, Dated 3/18/2025
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: BellTower Consulting Group, LLC

Authorized Representative's Name: LaKeesha Morris-Moreau

Title: President/CEO

Email: lakeesha@belltowergroup.org

Address: 14876 SW 168th Terrace Miami, FL 33187

Phone Number: 786-232-0771

Authorized Signature:

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I, LaKeesha Morris-Moreau ("Affiant") being first duly sworn, deposes and says:

1. I am the Owner
   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: BellTower Consulting Group, LLC doing business as BellTower Consulting Group, LLC, the Contractor that has submitted the attached Proposal.
2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.
3. I am authorized to execute the Proposal dated 4/1/2025 ,and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, , will be the official act and deed of this attestation.

In the presence of:

Witness #1 Print Name: Julia Somers

Witness #2 Print Name: Aya Echemendia
13818 SW 152nd St, Miami, FL, 33177

Signed, sealed and delivered by:

Print Name: LaKeesha Morris-Moreau

Title: President/CEO

ACKNOWLEDGMENT

State of Florida
County of Miami-Dade

On this 1st day of April, 2025, before me the undersigned, personally appeared Lakeesha Moreau, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

Victoria Leal

Notary Public (Print, Stamp, or Type as Commissioned)

____ Personally known to me; or
✓ Produced identification (Type of Identification: FL Driver's License)
✓ Did take an oath; or
____ Did not take an oath

VICTORIA LEAL
Notary Public - State of Florida
Commission # HH 636258
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   BellTower Consulting Group, LLC

2. Principal Business Address, Phone and Email Address:
   Address: 14876 SW 168th Terrace Miami, FL 33187
   Phone: 786-232-0771
   Email Address: lakeesha@belltowergroup.org

3. Principal Contact Person(s):

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):

   A. If a corporation, in what state incorporated: Florida
   B. Date Incorporated: October 20, 2009
   C. Federal ID Number (EIN) 272225823
   D. If a joint Venture or Partnership, date of Agreement:
   E. Name and address of all partners (state whether general or limited partnership):
   F. If other than a corporation or partnership describe, organization and name of principals.

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFQ Agreement.

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	BellTower Consutling Group	8950 SW 74th Court Ste 2201 Miami, FL 33156	Prime/Principal
B.	RJ Behar & Company	6861 SW 196 Ave. Ste 302 Pembroke Pines 33332	Subcontractor
C.			

D. _____

8. Outline specific areas of responsibility for each entity listed in Question 7.

A. BellTower - Grant Research, Grant Strategy, Grant Writing, Grant Management, Grant Tracking/Database

B. RJ Behar - Management for Construction or Emergency Grants (i.e. FDOT TAP, FEMA PA), Technical Studies/Engineering for Grant Applications

C. _____

D. _____

9. County or municipal business tax receipt number (attach copies):

County: Miami-Dade County (BellTower_____

Municipal: Village of Wellington, FL (R.J. Behar)

10. What is the last project of this nature you completed?

BellTower provides ongoing grant writing and administrative services for its clients.

11. Have you made a site visit? N/A Yes, _____ No

12. How soon after the award can you begin work? 1 Days.

13. List any licenses, permits or certifications, etc., you hold for performing this type of work.

Grant Writing and administration agencies do not require a license or certification

RJ Behar - Professional Engineering License

14. How did you hear about the RFQ? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. DemandStar

15. Have you ever failed to complete any work awarded to you?

Yes ____ No X **If yes, attach a separate sheet of explanation.**

16. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?

Yes ____ No X **If yes, attach a separate sheet of explanation.**

17. Within the last five years, have you ever had a performance, payment or bid bond called?

Yes ____ No X **If yes, attach a separate sheet of explanation.**

18. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?

Yes ____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or

004723

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

7165263

BUSINESS NAME/LOCATION

BELLTOWER CONSULTING GROUP LLC
14876 SW 168TH TER
MIAMI FL 33187–1760

RECEIPT NO.

RENEWAL
7443617

EXPIRES
SEPTEMBER 30, 2025

Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER

BELLTOWER CONSULTING GROUP LLC
C/O MORRIS LAKEESHA

SEC. TYPE OF BUSINESS

213 SERVICE BUSINESS

PAYMENT RECEIVED BY TAX COLLECTOR

$75.00 09/24/2024
PTBTC–24–012060

Employee(s) 1

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder s qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

State of Florida
Department of State

I certify from the records of this office that BELLTOWER CONSULTING GROUP, LLC is a limited liability company organized under the laws of the State of Florida, filed on October 26, 2009, effective October 20, 2009.

The document number of this limited liability company is L09000102801.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on February 19, 2025, and that its status is active.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Nineteenth day of February, 2025



Secretary of State

Tracking Number: 5246516916CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

Village of Wellington

12300 Forest Hill Blvd., Wellington, FL 33414
(561) 791-4000 | BTR@wellingtonfl.gov

2024-2025
LOCAL BUSINESS TAX RECEIPT

Business Name: R J Behar & Company, Inc
DBA: R J Behar & Company, Inc

Business Type(s): 541330 Traffic engineering consulting services
541330 Civil engineering services
541330 Construction engineering services

Business Location: 12788 Forest Hill Blvd 2003
Wellington, FL 33414

Mailing Address: 12788 Forest Hill Blvd 2003
Wellington, FL 33414

Owner: Robert Behar

License Number: BTR-000276-2019

License Type: Business Tax Receipt

Issued Date: 10/1/2024

Classification: Services - Engineering

Expiration Date: 9/30/2025

Sub Classification: Engineering Services, office

This receipt expires September 30th of each year. It is your responsibility to renew your receipt annually.

TO BE POSTED IN A CONSPICUOUS PLACE

State of Florida
Department of State

I certify from the records of this office that R.J. BEHAR & COMPANY, INC. is a corporation organized under the laws of the State of Florida, filed on October 4, 1999.

The document number of this corporation is P99000088184.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 2, 2025, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Second day of January, 2025

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

Secretary of State

Tracking Number: 5409438407CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

Print

Licensee

Name:	**R.J. BEHAR & COMPANY, INC.**	License Number:	**8365**
Rank:	**Registry**	License Expiration Date:	
Primary Status:	**Current**	Original License Date:	**10/22/1999**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
21755	Current, Active	BEHAR, ROBERT JOSE	Registry	02/19/2005	Professional Engineer	02/28/2027

arbitration against any other Florida public entity?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

22. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

23. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

24. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

25. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

26. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** X ___ **If yes, attach a separate sheet of explanation.**

Signature (Blue ink only)

LaKeesha Morris-Moreau

Print Name

President/CEO

Title

4/1/2025

Date

STATE OF FL)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 1st day of April, 2025,

by LaKeesha Morris-Moreau as President/CEO
(Name of person acknowledging) *(Title)*

for BellTower Consulting Group, LLC.
(Company name)

Personally known to me ____ or has produced Identification ✓, type of identification produced FL Driver's License.

(NOTARY SEAL HERE)

VICTORIA LEAL
Notary Public - State of Florida
Commission # HH 636258
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

SIGNATURE OF NOTARY PUBLIC

Victoria Leal

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company: Town of Cutler Bay

Reference Contact Name: Ralph Casals

Contact Title: Town Manager

Contact Telephone: (305) 234-4262

Contact Email: rcasals@cutlerbay-fl.gov

Contract Start Date: 2013 **Contract End Date:** Present

REFERENCE #2

Name of Company: Miami Shores Village

Reference Contact Name: Esmond K. Scott

Contact Title: Town Manager

Contact Telephone: (305) 762-4851

Contact Email: keeleye@msvfl.gov

Contract Start Date: 2019 **Contract End Date:** Present

REFERENCE #3

Name of Company: City of Hallandale Beach

Reference Contact Name: Velouse L. Daniel

Contact Title: Senior Grant Management Analyst

Contact Telephone: (954(458-3251 ext 4172

Contact Email: VDaniel@hallandalebeachfl.gov

Contract Start Date: 2021 **Contract End Date:** Present

REFERENCE #4

Name of Company: Town of Davie Engineering (RJ Bejar)

Reference Contact Name: Abidemi Ajayi

Contact Title: Assistant Town Engineer

Contact Telephone: 954-797-1082

Contact Email: aajayi@davie-fl.gov

Contract Start Date: 2023 **Contract End Date:** Present

REFERENCE #5

Name of Company: City of Miami (RJ Behar)

Reference Contact Name: Clara Sidan, PE

Contact Title: Assistant Director Stormwater & Permitting

Contact Telephone: 305-416-1050

Contact Email: csidan@miamigov.com

Contract Start Date: 2022 **Contract End Date:** Present

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: LaKeesha Morris-Moreau

For (Name of Proposing or Bidding Entity): BellTower Consulting Group, LLC

Whose business address is: 14876 SW 168th Terrace Miami, FL 33187

And (if applicable) its Federal Employer Identification Number (FEIN) is: 27-2225823

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#:_____)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[X] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFQ # 2025-01 VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Signed, sealed and delivered by:

Witness #1 Print Name: Julia Torres

Print Name: LaKeesha Morris-Moreau

Title: President/CEO

Witness #2 Print Name: Mya Edmundia

13018 SW 152nd St, Miami, FL, 33177

ACKNOWLEDGMENT

State of Florida

County of Miami-Dade

On this 1st day of April, 2025, before me the undersigned,

personally appeared Lakeesha Moreau, whose name(s) is/are

subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

VICTORIA LEAL
Notary Public - State of Florida
Commission # HH 636258
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

Victoria Leal

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or

✓ Produced identification (Type of Identification: FL Driver's License)

✓ Did take an oath; or

_____ Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am LaKeesha Morris-Moreau of BellTower Consulting Group, LLC, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

Signature (Blue ink only)

Print Name

LaKeesha Morris-Moreau

Title

President/CEO

Date

STATE OF FL)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 1st day of April, 2025,

by LaKeesha Morris-Moreau as President/CEO

(Name of person acknowledging) *(Title)*

for BellTower Consulting Group, LLC.

(Company name)

Personally known to me ____ or has produced Identification ✓, type of identification produced FL Driver's License.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

VICTORIA LEAL
Notary Public - State of Florida
Commission # HH 636258
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

Victoria Leal

PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C
NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Owner of BellTower Consulting Group, LLC, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFQ is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

LaKeesha Morris-Moreau

Print Name

President/CEO

Title

4/1/2025

Date

STATE OF FL)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 1st day of April, 2025,

by LaKeesha Morris-Moreau as President/CEO
(Name of person acknowledging) *(Title)*

for BellTower Consulting Group, LLC.
(Company name)

Personally known to me ____ or has produced Identification ✓, type of identification produced FL Driver's License.

(NOTARY SEAL HERE)

VICTORIA LEAL
Notary Public - State of Florida
Commission # HH 636258
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

SIGNATURE OF NOTARY PUBLIC

Victoria Leal

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that

BellTower Consulting Group, LLC does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFQ document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFQ or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

LaKeesha Morris-Moreau

Print Name

President/CEO

Title

4/1/2025

Date

STATE OF)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 1st day of April, 2025,

by LaKeesha Morris-Moreau as President/CEO

(Name of person acknowledging) *(Title)*

for BellTower Consulting Group, LLC.

(Company name)

Personally known to me ____ or has produced Identification ✓, type of identification produced FL Driver's License.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

VICTORIA LEAL
Notary Public - State of Florida
Commission # HH 636258
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

Victoria Leal

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFQ and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the RFQ and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Owner of BellTower Consulting Group, LLC, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 1st day of April, 2025,

by LaKeesha Morris-Moreau as President/CEO
(Name of person acknowledging) *(Title)*

for BellTower Consulting Group, LLC.
(Company name)

Personally known to me ____ or has produced Identification ✓, type of identification produced FL Driver's License.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

VICTORIA LEAL
Notary Public - State of Florida
Commission # HH 636258
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

Victoria Leal
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9
SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

LaKeesha Morris-Moreau
Print Name

President/CEO
Title

4/1/2025
Date

STATE OF)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 1st day of April, 20__,
by LaKeesha Morris-Moreau as President/CEO
(Name of person acknowledging) *(Title)*
for BellTower Consulting Group, LLC
(Company name)
Personally known to me____ or has produced Identification ✓, type of identification produced FL Driver's License.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

VICTORIA LEAL
Notary Public - State of Florida
Commission # HH 636258
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

Victoria Leal
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10
PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. 2025-01

2. This sworn statement is submitted by: BellTower Consulting Group, LLC
(name of entity submitting sworn statement)

whose business address is: 14876 SW 168th Terrace Miami, FL 33187

Federal Identification Number (FEIN) is: 272225823
(if applicable)

Social Security Number:

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: LaKeesha Morris-Moreau
(print name of individual signing this document)

and my relationship to the entity is: Owner

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
   (a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or
   (b) An entity under the control of any natural person who is active in the

management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, share holders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. X Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

      1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

      3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of

General Services)

Signature

04/01/2025
Date

STATE OF)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 1st day of April, 2025,

by LaKeesha Morris-Moreau as President/CEO
(Name of person acknowledging) *(Title)*

for BellTower Consulting Group, LLC.
(Company name)

Personally known to me ____ or has produced Identification ✓, type of identification produced FL Drivers License.

SIGNATURE OF NOTARY PUBLIC

(NOTARY SEAL HERE)

VICTORIA LEAL
Notary Public - State of Florida
Commission # HH 636258
My Comm. Expires Feb 3, 2029
Bonded through National Notary Assn.

Victoria Leal
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11
DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO X

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO X

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO X

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: BellTower Consulting Group, LLC

Authorized Signature: _____

Print or Type Name: LaKeesha Morris-Moreau

Title: President/CEO

Date: 4/1/2025

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
1	R.J. Behar & Company, Inc./ 6861 SW 196 Avenue Suite 302 Pembroke Pines, FL 33332	Grant Management Services Technical/Eng. Support for Grant Applications (upon request)	8365

Firm: BellTower Consulting Group, LLC

Authorized Signature:

Print or Type Name: LaKeesha Morris-Moreau

Title: President/CEO

Date: 4/1/2025

FORM 13A – N/A

FORM 13B – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

PROPOSER'S REPRESENTATION

VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES

Proposal of BellTower Consulting Group, LLC

(Name)

14876 SW 168th Terrace Miami, FL 33187

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

VILLAGE OF KEY BISCAYNE GRANT ADMINISTRATION SUPPORT SERVICES

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 08/23/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Dorsal Insurance Inc 106 N Homestead Blvd Homestead FL 33030-7426	**CONTACT NAME:** Josefa Hernandez **PHONE (A/C, No, Ext):** (786) 601-2485 **FAX (A/C, No):** **E-MAIL ADDRESS:** dorsalinsuranceinc@gmail.com
INSURED BELL TOWER CONSULTING GROUP LLC 14876 SW 168th Ter Miami FL 33187-1760	**INSURER(S) AFFORDING COVERAGE** — **NAIC #** **INSURER A :** Ascendant Commercial Insurance, Inc **INSURER B :** **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	[X] **COMMERCIAL GENERAL LIABILITY** [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	Y		GL-57352-6	08/23/2024	08/23/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ Included
	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ $ $
	[ ] **UMBRELLA LIAB** [ ] OCCUR [ ] **EXCESS LIAB** [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N [ ] **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					[ ] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Grant Writing and Administration Services PREMISES LIABILITY only

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Josefa Hernandez

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 11/12/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Hiscox Inc. 5 Concourse Parkway Suite 2150 Atlanta GA, 30328	**CONTACT NAME:**	
	PHONE (A/C, No, Ext): (888) 202-3007	**FAX (A/C, No):**
	E-MAIL ADDRESS: contact@hiscox.com	
	INSURER(S) AFFORDING COVERAGE	**NAIC #**
	INSURER A : Hiscox Insurance Company Inc	10200
INSURED BellTower Consulting Group 14876 SW 168th Ter Miami, FL 33187	**INSURER B :**	
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$
	☐ OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	☐ ANY AUTO						BODILY INJURY (Per person)	$
	☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	☐ HIRED AUTOS ☐ NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
								$
	☐ **UMBRELLA LIAB** ☐ OCCUR						EACH OCCURRENCE	$
	☐ **EXCESS LIAB** ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED ☐ RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N						☐ PER STATUTE ☐ OTH-ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ **(Mandatory in NH)**	N / A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	Professional Liability	Y		P100.726.407.12	11/14/2024	11/14/2025	Each Claim: $ 1,000,000 Aggregate: $ 2,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Episodic coverage for grant writing and administration services.

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 11/5/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Edgewood Partners Insurance Agency 3780 Mansell Rd. Suite 370 Alpharetta GA 30022	**CONTACT NAME:** ACEC Certificates **PHONE (A/C, No, Ext):** 770-552-4225 **FAX (A/C, No):** **E-MAIL ADDRESS:** ACECcertificates@greyling.com
INSURED RJBEHAR R.J. Behar & Company, Inc. 6861 S.W. 196th Avenue Suite 302 Pembroke Pines FL 33332	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A :** Sentinel Insurance Company, Ltd. 11000 **INSURER B :** Hartford Casualty Insurance Company 29424 **INSURER C :** Beazley Insurance Company, Inc. 37540 **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** 113169254 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY** CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC OTHER:			20SBWBA1624	11/17/2024	11/17/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 1,000,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
A	**AUTOMOBILE LIABILITY** X ANY AUTO OWNED AUTOS ONLY SCHEDULED AUTOS X HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY			20UEGNG0289	11/17/2024	11/17/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
A	X **UMBRELLA LIAB** X OCCUR **EXCESS LIAB** CLAIMS-MADE DED X RETENTION $ 10,000			20SBWBA1624	11/17/2024	11/17/2025	EACH OCCURRENCE AGGREGATE	$ 4,000,000 $ 4,000,000
B	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		20WBGAD8LUV	11/17/2024	11/17/2025	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
C	Professional Liability incl. Pollution Liability			C20C99240801	11/17/2024	11/17/2025	Per Claim Aggregate	$2,000,000 $3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Umbrella Follows Form with respects to General, Automobile & Employers Liability Policies.

CERTIFICATE HOLDER

For Proposal Purposes

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Gregg Bachul

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BELLTOWER
GRANT WRITING & BEYOND

VILLAGE OF KEY BISCAYNE

RFQ # 2025-01

GRANT ADMINISTRATION SUPPORT SERVICES

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April 1, 2025

Daren Jairam, MBA, MHC
Procurement Officer
Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, FL 33149

RE: RFQ # 2025-01, Grant Administration Support Services

To the Review Committee:

Thank you for considering BellTower Consulting Group, LLC for your grant writing needs. Our team stands ready to guide the Village of Key Biscayne through every step of the grant-seeking process. Since 2009, our team has provided grant writing and support services to local governments in Florida with excellent results. Our clients have secured over **$150 million in critical Federal, State, Local, and Private grant funding**.

BellTower specializes in helping cities and counties navigate the full grant lifecycle. BellTower's team can quickly assist the Village in identifying grants to match its strategic priorities. Since BellTower focuses on supporting local governments in Florida, we are keenly aware of available grant opportunities and have established a working rapport with many of the contract managers of the State's top funding agencies. Additionally, BellTower supports local governments with strategic planning, policy and procedure development, state revolving loan fund reporting, legislative appropriation requests, post-award management, and monitoring new developments associated with the flow of federal funding, such as the Bipartisan Infrastructure Law and the Inflation Reduction Act.

BellTower's subcontractor, RJ Behar & Company, Inc., strengthens our capability to assist in administering the Village's grant-funded projects. RJ Behar delivers expertise in civil planning, engineering, and grant management of construction projects. Its team can also prepare technical documents for grant applications (such as benefit-cost analysis, preliminary design cost estimates, preparation of project schedules, or conceptual drawings). BellTower and RJ Bejar's experience with grant research, strategic planning, grant writing, compliance, project management, state and federal funds management, and technical implementation skills uniquely position us as a partner that the Village of Key Biscayne can rely on.

Letter of Transmittal

I am confident that BellTower can meet the Village's needs, as indicated in the Scope of Work. If you have any questions, please do not hesitate to contact me at (786)-232-0771 or via e-mail at lakeesha@BellTowergroup.org. Thank you in advance for your time and consideration.

Kind Regards,

LaKeesha Morris-Moreau, MSW, GPC*
President & CEO
*Grant Professional Certified

Corporate Structure and Location

Prime Vendor	
Project Name	Village of Key Biscayne RFQ #2025-01, Village of Key Biscayne Grant Administration Support Services Date of Submittal: April 1, 202
Name of Prime Vendor	BellTower Consulting Group, LLC FEIN Number: 27-2225823
Number of Years in Business	15
Size of Staff	7
Corporate Certification(s)	United States Small Business Administration - WOSB
Office Location	8950 Southwest 74th Court Suite 2201 Miami, FL 33156 Phone: 305-232-0771 E-mail: lakeesha@BellTowergroup.org
Authorized Representative	LaKeesha Morris-Moreau, MSW, GPC President & CEO



Subcontractor	
Project Name	Village of Key Biscayne RFQ #2025-01, Village of Key Biscayne Grant Administration Support Services Date of Submittal: April 1, 2025
Subcontractor	R.J. Behar & Company, Inc. FEIN Number: 65-0954070
Number of Years in Business	25
Size of Staff	34
Licenses	State of Florida License Number: P99000088184 Professional Regulation License Number: CA8365
Headquarter Location	6861 SW 196th Avenue, Suite 302 Pembroke Pines, Florida 33332 Contact: Robert J. Behar, PE Tel: (954) 680-7771 Fax: (954) 680-7781 E-mail: bbehar@rjbehar.com
Project Manager	Stacy Sookdew Sing, Grant Manager 954-680-7771 ext. 205, cell phone 954-593-2708 email: ssing@rjbehar.com

B: Executive Summary

BellTower Consulting Group, LLC was incorporated in Florida on October 20, 2009, and is a single-member S-Corporation. At the helm of BellTower is a credentialed grant professional with nearly 25 years of experience, LaKeesha Morris-Moreau, MSW, GPC. In 2016, LaKeesha earned the Grant Professional Certified (GPC) designation, the only nationally accredited professional credential for individuals in the grants field. It is a clear mark of her experience, dedication, and success in the field.

LaKeesha now serves as the Vice President of the National Board of Directors for the Grant Professionals Certification Institute and GPC Exam Administration Chair. In this role, she aids in developing and maintaining the GPC exam and has the pleasure of being the first to welcome new credentialed grant professionals.

BellTower has a team of seven (7) staff members and is growing. It utilizes its entire team to support our clients. Grants are assigned based on the grant writer's expertise. BellTower is a full-service grant consultancy agency serving all city departments (Public Works, Police, Parks and Recreation, Library, Transit, etc.). BellTower supports the full lifecycle of the grant process, in many cases becoming the Grants Department for cities without dedicated personnel.

Belltower maintains contracts or has worked with the following local governments in Florida:

- Town of Cutler Bay
- Miami Shores Village
- City of Miami Springs
- City of Hallandale Beach
- City of North Miami Beach
- City of North Las Vegas Police Dept.
- City of Homestead
- City of Florida City
- City of South Miami
- City of North Miami
- Town of Miami Lakes
- City of Plantation
- North Bay Village
- Bay Harbor Islands
- Miami-Dade County Public Housing

BellTower excels in obtaining funding for municipal services and capital investments like those sought by the Village of Key Biscayne. BellTower regularly works with every city department to research and write grants. No project is too big or too small; grant awards have ranged from a $1,000 small police equipment purchase to a transformative $14,879,219 award for sewer system modernization. BellTower works with our clients to identify their funding priorities and tracks the flow of funding at the Federal, State, and Local levels. We then work with our client to develop a plan of action to increase the city's chances of winning the grant award.

Our proven approach to winning grants has resulted in funding awards in the following program areas:

- Rebuild Florida CDBG-Mitigation Program
- US Department of Environmental Protection Public Works Program
- Florida Department of Environmental Protection Parks and Recreation
- Florida Department of Environmental Protection Water Quality Grants
- Protecting Florida Together Water Quality/Resilient Florida Initiative
- Florida Department of Transportation – TAP Grant Complete Streets and Roadway Improvements & Beautification Projects
- Florida Department of Transportation – Public Transit, Traffic Safety, Vehicle Purchase
- Safe Routes to School
- US Department of Transportation Safe Streets for All
- US Department of Justice (Accreditation, Smart Policing, Body Worn Cameras)
- Hazard Mitigation Grant Program
- Hazard Loss Mitigation Grant Program
- Florida Department of State Library Funding
- National Fish and Wildlife– Resiliency and Sustainability
- South Florida Water Management District
- Florida Department of Commerce-Economic Development
- Florida Department of Emergency Management – Flood Mitigation Planning
- Energy Conservation, Efficiency, and Sustainability Initiative
- Programs for Youth and Older Adults
- Florida Communities Trust – Land Acquisition
- Community Development Block Grant
- Florida Inland Navigation District

BellTower does not desire to list any exceptions to this RFQ.

C: Qualifications & Experiences

BellTower thoroughly understands the scope of services outlined in the Village's RFQ for Grant Administration Support Services. Our team is well-versed in identifying and prioritizing grant funding needs, developing strategic plans for grant applications, and ensuring compliance with grant requirements. BellTower's experience with State and Federal grants aligns with the Village's funding priorities, and our proactive approach includes regular communication and detailed reporting. BellTower expertly manages the entire grant lifecycle, from research and writing to post-award administration, showcasing its capability to meet the Village's needs efficiently and effectively. Below are examples of grant awards and our role as grant writers, grant administrators, or both over the last five (5) years.

	Project Name	Funder	Award Amount	Brief Scope of Work
1	Hallandale Beach Sewer System Modernization	Florida Department of Economic Opportunity (FDEO)	$14,879,219	Writing and Management
2	North Miami Beach Water Distribution and Transmission System Improvements	Florida Department of Economic Opportunity (FDEO)	$11,700,000	Writing
3	North Bay Village 4337-279-R - Utility Undergrounding	Florida Department of Emergency Management (FDEM)	$11,000,047	Writing and Management
4	Hallandale Beach Water Resiliency Project	Florida Department of Economic Opportunity (FDEO)	$8,237,600	Writing and Management
5	North Miami Beach Sewer Collection System Improvements and Resiliency Project	Florida Department of Economic Opportunity (FDEO)	$6,000,000	Writing

Sample of Grant Successes (5-year)

	Project Name	Funder	Award Amount	Brief Scope of Work
6	North Bay Village Coastal Resiliency Project-Island Walk Seawall	Florida Department of Environmental Protection (FDEP)	$3,000,000	Writing and Management
7	Hallandale Beach Lift Station 8 and Force Main Rehabilitation Project	Economic Development Administration (EDA)	$2,813,471	Writing and Management
8	North Miami Septic to Sewer Conversion	Florida Department of Environmental Protection (FDEP)	$2,300,000	Writing
9	Miami Springs Water Quality Improvements to C-6 Miami Canal- East Drive and Oakwood Drive Drainage Improvements	Florida Department of Environmental Protection (FDEP)	$2,000,000	Writing
10	Miami Shores Bayfront Park Seawall Elevation Project	Florida Department of Environmental Protection (FDEP)	$1,000,000	Writing
11	Miami Springs City-wide Sidewalk Connectivity Phase I Project	Florida Department of Transportation (FDOT)	$1,000,000	Writing

	Project Name	Funder	Award Amount	Brief Scope of Work
12	South Miami Sunset Drive Traffic Calming and Beautification	Florida Department of Transportation (FDOT)	$800,000	Writing
13	North Bay Village Civic Pocket Park on East Drive	Florida Department of Environmental Protection (FDEP)	$850,000	Writing and Management
14	Town of Cutler Bay SW 82nd Avenue Roadway Improvements	Florida Department of Transportation (FDOT)	$800,000	Writing and Management
15	Cutler Bay Canal Bank Restoration Floodplain Management Project	Florida Department of Environmental Protection (FDEP)	$750,000	Writing and Management
16	Cutler Bay Bufferland Wetland Restoration and Water Quality Improvement Project	Florida Department of Environmental Protection (FDEP)	$700,000	Writing and Management
17	Cutler Bay Saga Bay 1.7 Sub-Basin Water Quality Improvement Project	Florida Department of Environmental Protection (FDEP)	$600,000	Writing and Management
18	C2108 North Bay Village Stormwater Pump Station	Florida Department of Environmental Protection (FDEP)	$600,000	Writing and Management

	Project Name	Funder	Award Amount	Brief Scope of Work
19	LPA0346 North Bay Village Wastewater Pump Station Improvements Project	Florida Department of Environmental Protection (FDEP)	$500,000	Writing and Management
20	Hallandale Beach Public Safety Program Phase II	U.S. Department of Justice	$500,000	Writing and Management
21	Miami Shores Village 93rd Street Pump Station Mitigation	Florida Department of Environmental Protection (FDEP)	$400,000	Writing
22	Town of Cutler Bay SW 200th Street and SW 103rd Avenue Traffic Roundabout	Florida Department of Transportation (FDOT)	$362,500	Writing and Management
23	Indiantown Emergency Shelter Renovations	Florida Department of Economic Opportunity (FDEO)	$350,000	Writing
24	Miami Lakes Comprehensive Vision Zero Safety Action Plan	Florida Department of Transportation (FDOT)	$304,000	Writing
25	Miami Shores Drainage Improvement NE 8th Avenue Between 91st and 93rd Street	Florida Department of Environmental Protection (FDEP)	$300,000	Writing

	Project Name	Funder	Award Amount	Brief Scope of Work
26	North Miami Vision Zero Safety Action Plan	Florida Department of Transportation (FDOT)	$271,840	Writing
27	Cutler Bay Bufferland Restoration Project	Florida Department of Environmental Protection (FDEP)	$250,000	Writing and Management
28	North Bay Village Kennedy Causeway Complete Streets Project	Florida Department of Transportation (FDOT)	$232,010	Writing and Management
29	LPA0031 - North Bay Village Stormwater Pump Station	Florida Department of Environmental Protection (FDEP)	$200,000	Writing and Management
30	Cutler Bay Transit Expansion Project	Florida Department of Transportation (FDOT)	$195,000	Writing and Management
31	North Miami Watershed Planning Grant	Florida Department of Emergency Management (FDEM)	$150,000	Writing
32	Waterfront Park Improvements (Various Projects)	Florida Inland Navigation District	$1,000,000	Writing and Management
33	North Miami Economic Development Plan	Florida Commerce	$40,000	Writing

Total: $74,085,687

CLIENT:
Town of Cutler Bay
10720 Caribbean Boulevard,
Suite 105
Town of Cutler Bay, Florida 33189

Mr. Alfredo Quintero, EI, CFM,
CGC, CCC, ISA CA
Public Works Director
Tel: (305) 234-4262
Fax: (305) 234-4251
Mobile: (305) 878-8601
E-mail: aquintero@cutlerbay-fl.gov

Subconsultant to:
Kimley-Horn and Associates, Inc.

RJ BEHAR'S ROLE:
Construction Engineering Inspection (CEI)

PROJECT STARTED: *10/12/2023*
PROJECT COMPLETED:
11/18/2024
COST/FEES PAID: *$348,872.00*
CONSTRUCTION COST:
$2,309,643.90
PROJECT NO (S).: *ITB # 23-04*
FM# 449449-1-58-01
CHANGE ORDERS: *x*
TIME EXTENSIONS: *x*

RJ BEHAR'S KEY PERSONNEL:
Robert J. Behar, PE
Principal in Charge

Nestor Santana, PE
Senior Project Engineer

Stacy Sookdew-Sing
Project Administrator/Contract Support Specialist

Thalia Santana
Resident Compliance Specialist

Logan Fasanella
Senior Inspector



R.J. Behar & Company, Inc. (RJ Behar) was contracted by Kimley-Horn and Associates, Inc. and the Town of Cutler Bay to provide construction engineering inspections services for the SW 82nd Avenue Roadway Improvements and Traffic Roundabout Project. This project received Federal funding via the Florida Department of Transportation (FDOT) Local Agency Program (LAP). In addition to the inspection and coordination, RJ Behar facilitated providing the required information needed to ensure compliance with FDOT and the reimbursement process.

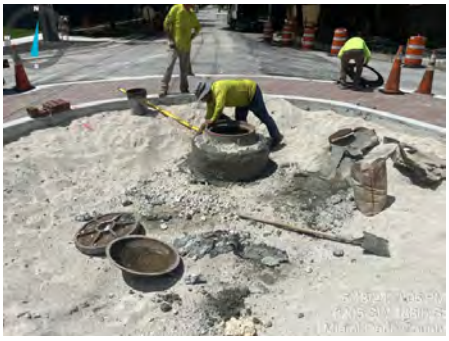
RJ Behar provided the services necessary to coordinate the activities of all parties involved in completing this project, which included maintaining records of the project events witnessed by our inspection staff; properly documenting any significant Project changes, assisting the Town with interpreting plans, specifications, and construction contract provisions; making recommendations to the Town to resolve disputes, maintaining an adequate level of surveillance of the Contractor's operations; and coordinating with FDOT to ensure compliance with their programs.

The project limits were Old Cutler Road to SW 184th Street on SW 82nd Avenue. The scope of the work consisted of storm drainage improvements (inlets, manholes, culverts, exfiltration trenches), the installation of 5' foot wide concrete sidewalks 6" thickness, ADA crosswalks, concrete curb and gutter, traffic circle SW 82nd Avenue and SW 188th Street, milling and resurfacing of the existing asphalt, signing and pavement markings, site restoration, back of sidewalk harmonization, and landscaping. Utilization of these services required close coordination with the Town.









Qualifications of Project Team

By partnering with BellTower Consulting Group and RJ Behar, the Village of Key Biscayne will bring all of its grant writing and administrative needs under one umbrella. We are delivering a full-service Grants Department with a combined 100 years of experience delivering for local governments in Florida.

We are committed to continuing education in the grants field. BellTower is a Grant Professionals Association member, allowing access to hundreds of relevant training webinars and resources. Employees responsible for grant management attend a Federal Grant Management Bootcamp, and BellTower maintains a library of resources and templates to aid in developing standard operating procedures. In addition, our team provides grant writing and management workshops at the local and national levels, training other grant professionals and grant writing novices.

Grant Professionals Available to the Village of Key Biscayne

Grant Writing and Administration

BellTower will be the primary contact for the Village, providing grant strategy, research, management, and creating a customized grant management database.

- Principal Grant Consultant– LaKeesha Morris-Moreau, MSW,
- GPC Grant Manager – Melissa Albury, BS
- Grant Writer– Monica Haynes, MBA, PMP
- Grant Writer – Sarah Keane, BS

Construction and Engineering Grants

R. J. Behar will provide grant management for construction and emergency management grants funded by FDOT - TAP Grants and FEMA/FDEM. R.J. Behar's engineering staff is available to assist with grant applications requiring technical documents (i.e. cost benefits analysis, preliminary design, cost estimates).

- Senior Compliance Specialist & Grant Assistant - Stacy Sookdew-Sing
- Assistant Resident Compliance Specialist & Grant Assistant - Thalia Santana
- R.J. Behar Engineering Staff



LaKeesha K. Morris-Moreau, MSW, GPC*
14876 SW 168 Terrace~ Miami, FL 33187
Phone/Text: (786) 232-0771
E-mail: info@belltowergroup.org Twitter: @GrantsForCities

Executive Summary

Solid background in securing government and foundation grants from proposal research and development to reporting on compliance and fiscal management. Excel in the program and organizational planning, with proven success overcoming challenges of limited resources and financial constraints to design high-quality, cost-effective services. Possess excellent organizational, interpersonal, written, and verbal communication skills. Skilled and experienced in diverse and fast-paced organizations, including local governments, institutions of higher learning, and nonprofit multipurpose organizations. Competent in Microsoft Office programs.

Experienced and Proficient in

- Grant Research & Writing
- Policy Development & Compliance
- Quality Assurance Monitoring
- Strategic Planning
- Best practices in Program Development
- Staff Development & Supervision

Experience

2009 – Present BellTower Consulting Group, LLC Miami, FL
President/CEO
Consulting agency for not-for-profit social service organizations and municipalities. Responsible for researching and writing government, corporate, and foundation grants. Assist organizations and municipalities in fund development and strategic planning. Assist local governments in obtaining Green Cities/Counties certification from the Florida Green Building Coalition. Conduct external mock monitoring visits to ensure compliance with grant contracts. Evaluate and develop policies and procedures for operation (i.e. personnel, quality assurance, disaster preparedness, etc.). Train staff in file management, tracking program progress, fiscal accountability, and preparation of annual or programmatic reports .Foster positive donor and community relations. Website: www.belltowergroup.org

Education

1999-2002 Florida International University Miami, FL
Master of Social Work with a concentration in Children and Families. Additional coursework in Industrial/Organizational Psychology (1 year Master level studies) and social service administration.

1993 – 1997 Jackson State University Jackson,MS
Bachelor of Science in Psychology. Honors College, Cum Laude graduate, and All-American Scholar.

Professional Associations/Certifications

*Grant Professional Certified– Grant Professional Certification Institute (Certification #1306260)
National Board of Directors - Grant Professional Certification Institute (2019-Present)
GPC Essay Committee Chair – Grant Professional Certification Institute (2020-Present)
South Florida Chapter of Grant Professionals Association (Vice President 2010-Present)
Cutler Bay Club of Toastmasters International

Gpci | GRANT PROFESSIONALS CERTIFICATION INSTITUTE SM

November 9, 2016

LaKeesha Morris-Moreau
14876 SW 168 Terrace
Miami, FL 33187

Dear LaKeesha:

Congratulations! You have obtained the Grant Professional Certification and completed the requirements to work as a GPC practitioner.

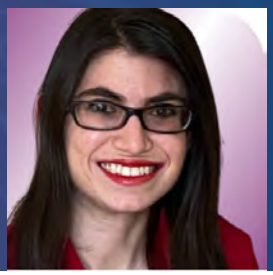
The Grant Professional Certification (GPC) is designed to identify individuals with broad-based knowledge and real-world experience in the field of grantsmanship. The GPC will provide widely recognized affirmation of the GPC practitioner as a person of integrity whose broad interest is in building social capital and helping guide less knowledgeable stakeholders to become truly professional and altruistic practitioners.

You will receive an official notification letter with your certificate within the next few weeks. It will also be posted to our website by November 16, 2016. Your name will appear as: LaKeesha Morris-Moreau, Miami, FL. If you need to make a correction to the way your name is presented, please email me prior to that date.

I wish to be among the first to welcome you to the GPC family and on behalf of the board, send our sincerest congratulations for being a trailblazer within our profession. Your willingness to seek credentialing is a testament to your dedication to our work. We applaud and appreciate you!

Sincerely,

Bonnie Houk, GPC
President-Grant Professional Certification Institute



SARAH KEANE

Wolcott, CT 06716 | 2037047856 | sekhempeldrive@gmail.com | linkedin.com/in/sekeane/

I bring clear and persuasive writing skills to a work environment with proven experience securing government grants for cities. I have strong research and analytical skillswith the abilityto manipulate data to present an argument. I am a strong team player who can also work independently. I am skilled in all Microsoft Office programs.

Professional Experience

BellTower Consulting Group, Florida — January 2022 - Present

Grant Writer

- Write grant proposals to fund infrastructure and social services for various municipalities.
- Conduct grant research and recommend prospective funders to clients.
- Maintain positive relationships with clients.

Access Partnership, Hampton Roads,Virginia — September 2020

Proposal Writer Volunteer

- Crafted a general letter of inquiry to appeal to a specific group of prospective donors and collaborators.

VIP Kid, USA — May 2020 - Present

ESL ONLINE TEACHER

- Teach English to children in China ranging from age 5-13,shaping students into better English speakers, readers, and critical thinkers.

ReadyCT, Hartford, CT — July 2019-November 2019

Grant Writer Intern

- Wrote 4 grant proposals in collaboration with the Executive Director and Director of Public Affairs.
- Researched and analyzed various state programs for effectiveness, incorporating data into proposals.
- Crafted a letter of inquiry to prospective donor in collaboration with the Executive Director and Director of Public Affairs.
- Achieved successful program funding.
- Maintained an electronic database of all proposals.
- Conducted research on prospective funders.
- Maintained an Excel spreadsheet of prospective funders and proposal deadlines.

Connecticut General Assembly, Hartford, CT — January 2019-April 2019

LEGISLATIVE INTERN TO REPRESENTATIVE TURCO

- Provided reports of committee meetings to legislator in order for him to make informed decisions.
- Communicated regularly with senior management on bill tracking.
- Participated in mock legislative session with fellow interns, delivering oral and written testimony on a legislative issue.

Education

University of Saint Joseph — 2019
Bachelor's of Arts in English

Skills

Grant Writing, Analytical Skills, Research Skills, Microsoft Word, Microsoft Excel, Microsoft PowerPoint



MONICA M. HAYNES, PMP

Claremore, OK 74019 –918.812.8606 – monmw@att.net–www.linkedin.com/in/monicahaynes

GRANT WRITER/CONSULTANT
Project Management | Grant Management | Board Training | Team Leadership

Results-focused, adaptable Grant Writer with proven success in writing grants and securing funds, through strategic planning, research, and focused coordination. Combines unique blend of business and technical mastery to plan and execute proposals.

GRANT CONSULTANT HIGHLIGHTS

BellTower Consulting Group, Florida

Grant Writer

- Draft grant proposals and supporting documents based on funding requirements
- Research potential grant opportunities from government and non-government agencies
- Maintain positive relationships with fund providers, clients, and other stakeholders
- Submit timely grant proposals to project lead for review and approval

Tulsa Area United Way (TAUW) 2022

Community Investment Panel Member

- Review agencies annual funding request
- Attend agencies site visits
- Evaluate how well agencies meet TAUW's standards of Excellence
- Recommend agencies investments for the next calendar year

Vernon AME Church – Tulsa, OK
Historic Preservation Committee
Chair - 2019

- Secured a $250,000 matching funds grant to renovate church building.
- Assisted in securing $125,000 grant to replace building's roof.
- Successfully led a committeein creating documentation used to place the HistoricVernon AME Church on the National Register of Historic Places.
- Attended fundraising training through the National Fund for Sacred Places.
- Met with City and State officials topresent the story for Vernon AME's nomination.

EDUCATION - CERTIFICATIONS - PROFESSIONAL AFFILIATIONS

Master of Business Administration, Strategic Planning, Finance Concentration, University of Minnesota, Minneapolis, MN
Bachelor of Science, Engineering Management, Electrical Engineering Concentration University of Missouri-Rolla, Rolla, MO

Certifications: Grant Writing Training Foundation (80 HR Master Level Instruction (Certificate)– Dr. Beverly A. Browning, Director), Project Management Professional (PMP) | Engineer in Training (EIT), OK
Company Registration with Cherokee Nation -TERO



SENIOR COMPLIANCE SPECIALIST & GRANT ASSISTANT

EDUCATION
High School Graduate, North Miami Senior High School

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
21 Years	2008 – 2019 / 2021 – Present	Pembroke Pines

CERTIFICATIONS:

- Final Estimates Level I & II
- Earthwork Construction Level I
- Asphalt Paving Level I
- Advanced Maintenance of Traffic
- QC Manager
- Stormwater Erosion Inspector
- Statewide Training Program for Florida Resident Compliance Specialists

TIN #: S23278171664

- FDOT-12 Hour Training Program; EEO, DBE and Payroll Compliance on Local Area Project Including USDOT, OIG Video
- FDOT Resident Compliance Training
- FDOT 8 Hour LAP Workshop
- US Wage and Hour Division, Prevailing Wage Rate Conference
- FDOT Critical Structures

ENGINEERING EXPERIENCE

Ms. Sookdew-Sing has more than 20 years of experience as a Project Administrator, Contract Support Specialist, Senior Resident Compliance Specialist, as well as a Public Information Officer and Inspector on a variety of projects throughout Miami-Dade, Broward, and Palm Beach Counties for the Florida Department of Transportation (FDOT) and local agencies. She received the "Professional Manager of the Year" award for stormwater projects from the American Public Works Association (South Florida Chapter) in recognition of her professionalism and performance in the management of the Manta Drive Roadway Improvements project for the Town of Cutler Bay. She has experience with site-management entries, monthly and final estimates, preparing and processing weekly reports, progress reports, and standard weather letters, as well as reviewing quantities and as-builts. Ms. Sookdew-Sing has prepared close-out packages, attended and managed meeting minutes, performed document control, data entries and monthly invoicing utilizing the appropriate electronic data management system for each task.

REVELANT EXPERIENCE:

Grants Manager Assistance, Broward County, Florida – Town of Davie

Grant Assistance: She assisted the Town of Davie with the FDOT Local Agency Program "LAP" in their various reporting requirements associated with these Grants. The intent of the task is to provide professional services support for the Town's various grant projects to fulfill the requirements under the respective programs, which will facilitate achieving full reimbursement of the funds. Also included assisting the Town's various departments with achieving compliance on the numerous grants the Town has either obtained or is in the process of obtaining funds from multiple agencies and their programs.

Grants Manager Assistance, Miami-Dade County, Florida – City of Miami

Grant Assistance: She provided professional services support for the City's various grant projects, including the preparation of various forms, review of documents and submittals required by Federal and State agencies to fulfill the City's requirements under the respective programs. She assists the City's various departments with achieving compliance on the numerous grants the City has either obtained or is in the process of obtaining funds from multiple agencies and their programs; conducts research and compiles data for and prepares monthly, annual, and special reports; assists with the coordination of the various phases of work for the grant being monitoring, reviews the processes or supporting documentation for accuracy before transmitting the submittals to the benefactor; assists with the preparation, formulation, and justification of all material necessary for the grant programs; conducts complex and detailed reviews and analyses of the grant funds budgeted and allocation of those funds against the funds expended by the City during the construction phase ensuring that reimbursement funds are received from the corresponding agency; assists in establishing and monitoring performance measures to be utilized to strategically identify and achieve desired outcomes; researches and responds to special funding opportunities requiring adherence to strict guidelines; establishes a reporting process to monitor and maintain accountability to all funding sources, ensuring the City is following and complies with all requirements of its respective grants, assists in representing the City before the various funding sources, when called upon, to achieve compliance with the Federal requirements when it comes to bid packages, request for proposals (RFPs), executed

contracts, and monthly or quarterly reporting; and performs other related duties as requested and/or required.

Continuing Professional Services, Palm Beach County, Florida – City of West Palm Beach

Project Administrator/Compliance Specialist who reviewed all the project materials including compiling the "Close-out Documents" and the reimbursement documents as required per the LAP Agreement between the City and FDOT; conducted a review of all delivery tickets to ensure they meet FDOT requirements, including FDOT financial project number, concrete mix design, etc. was approved and copies were in the project files; reviewed the project files to ensure daily work reports were on file for each contract day and that they were uploaded into GAP; reviewed the previously paid monthly progress payments and verified the documentation met the requirements accurately; reviewed project files for FDOT Form 700-010-38, Monthly Certification Disbursement of Periodic Payment to Subcontractors; reviewed project files FDOT Form 700-020-02, Monthly Construction Compliance with Specifications and Plans; reviewed the project files for all over and under runs of each pay item and ensured there was adequate documentation to support the quantities paid; reviewed and verified project files regarding Buy America Certification, and were on file and uploaded into GAP; reviewed the contract time file and ensured that all contract time was accounted for and met the contractual requirements. If a time extension was justified and/or granted, all the back-up documentation was on file to grant the time including the concurrence with FDOT's LAP Office; reviewed any major changes in the plans and any extra work was approved or concurred with FDOT LAP office including the City's extra work order; reviewed the Final Payment Application and assisted the City in completing the final reconciliation change order reflecting the final quantities paid and placed per the As-builts; reviewed the As-built plans to validate the current conditions of the project and final quantities paid to the contractor, assisted the City's Project Manager in compiling and completing the final reimbursement request to FDOT.

Local Agency Program Contract Management Project, Multiple Counties, Florida – FDOT, District 4

Project Administrator on the Districtwide LAP oversight contract. This task-work-order (TWO) driven continuing services contract provided construction oversight for projects in Broward, Palm Beach, Martin, St. Lucie, and Indian River Counties. These projects usually included federally funded non-vehicular improvements such as sidewalks, pedestrian signals, bicycle lanes and other related activities such as resurfacing, curbing, signage, and striping. As the oversight consultant, she ensured that local agencies complied with applicable construction standards and the compliance requirements of the Federal Highway Authority (FHWA). Under this contract, 51 TWOs were issued for oversight of construction projects managed by 22 different local programs.

Oversight for American Recovery & Reinvestment Act (ARRA) and LAP – Broward County, Florida

Oversight Compliance Specialist directly working for FDOT's Broward Operation Center. The projects consisted of monitoring several local agencies throughout Broward County for EEO/AA/DBE compliance requirements to ensure adherence to the Federal ARRA prerequisites.

SR-820/Pines Boulevard and I-75/SR-93 Interchange Construction Engineering Inspection, Broward County, Florida – City of Pembroke Pines/FDOT, District 4/FHWA

Resident Compliance Specialist responsible for a $11.2 million LAP between the City of Pembroke Pines and FDOT, District 4. She ensured all compliance with the FDOT/FHWA requirements. Her duties as an RCS included monitoring DBE participation, EEO/AA compliance, and reviewing all certified payrolls for the prime contractor and the subcontractors. This was a federally funded project involving improvements to the I-75/Pines Boulevard Interchange, including updated modifications to the existing interstate overpass, entrance and exit ramps, from a rural configuration to an urban configuration, as well as widening and signalization improvements along Pines Boulevard.

G-94 Construction Management Services Inspections, Palm Beach County, Florida – South Florida Water Management District (SFWMD)

Compliance Specialist/Project Administrator responsible for ensuring that all funding compliance was met as well as assisting with the project administration and project close-out. The project included the removal and replacement of the existing gates, headwalls, wingwalls; new culverts at G94D and continuous corrugated aluminum. The construction had to be performed in a dry condition, and temporary steel sheet pile cofferdams were installed upstream and downstream of the existing structure.



EDUCATION
A.A. Prelaw, Miami Dade College, Miami, Florida 2018

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
1.5	2024 – Present	Wellington

CERTIFICATION:
Resident Compliance Training, FDOT
Final Estimates I

TIN#: S53581496

ENGINEERING EXPERIENCE
Ms. Santana provides administrative assistance to the Construction Engineering and Inspections (CEI) Department. She aids the senior project engineer, project administrator, and inspectors with all related documentation to keep up to date the CEI Department. She is a dedicated professional, well-organized with in-depth technical knowledge and keen attention to detail. She is proficient in Microsoft Office Suite Excel, Power Point, Outlook, and Word; E-Courtesy and Florida E-Filing Portal, Collections Master Software, FOSSE, QuickBooks, Monday, Toggl, Tripadvisor, Yelp, and Google Business. She is bilingual - English and Spanish.

RELEVANT EXPERIENCE

Grants Manager Assistance, Miami-Dade County, Florida – City of Miami
Assistant to the Grant Assistance: She aids the various grant projects, including the preparing various forms, reviewing documents and submittals required by Federal and State agencies to fulfill the City's requirements under the respective programs. She assists with monthly, annual, and special reports; assists with the coordination of the various phases of work; assists in establishing and monitoring performance measures to be utilized to strategically identify and achieve desired outcomes; researches and responds to special funding opportunities requiring adherence to strict guidelines; establishes a reporting process to monitor and maintain accountability to all funding sources, ensuring the City is following and complies with all requirements of its respective grants, assists in representing the City before the various funding sources, when called upon, to achieve compliance with the Federal requirements when it comes to bid packages, request for proposals (RFPs), executed contracts, and monthly or quarterly reporting; and performs other related.

Dillman Trail from Forest Hill Boulevard to Dillman Road Local Agency Program (LAP) Project, Palm Beach County, Florida – City of Greenacres/Florida Department of Transportation (FDOT), District 4
Administrative Assistant: Ms. Santana's responsibilities include assisting with the project documentation, maintaining and organizing contract documentation, preparing meeting minutes, processing shop drawings, organizing and filing all RFI's, and assisting with the closeout documentation. RJ Behar's scope of services includes providing the CEI services, on a full-time basis as requested by the City, contract administration, inspection, and managing the material sampling and testing.

SW 82 Avenue and Traffic Circle, Miami-Dade County, Florida – Town of Cutler Bay
Assistant Resident Compliance Specialist: Ms. Santana is assisting the senior project engineer, project administrator/resident compliance specialist, and inspector maintaining and organizing contract documentation, preparing meeting minutes, attending progress meetings, processing shop drawings, organizing and filing all RFI's, and assisting with the closeout documentation. The scope of the work consists of storm drainage improvements (inlets, manholes, culverts, exfiltration trenches), the installation of 5' wide concrete sidewalk, ADA crosswalks, concrete curb and gutter, traffic circle, milling and resurfacing of the existing asphalt, signing and pavement markings, site restoration, back of sidewalk harmonization, landscaping, and close coordination with the Town Engineer.

South Royal Poinciana Stormwater & Roadway Improvements Project, Miami-Dade County, Florida – City of Miami Springs
Administrative Assistant maintaining project documentation related to shop drawings submittals, RFIs, utility coordination, material testing, project documentation, review the contractor's payroll, uploaded project documents in FDOT, and final closeout documentation. The project consists of roadway improvements for flooding, traffic operation conditions, and redevelopment of the South Royal Poinciana corridor for drainage, landscape and beautification alternatives.

R.J. Behar & Company, Inc.

RJ Behar was founded in 1999 as an S-Corporation in Florida to provide consulting engineering services to public sector clients. The firm has grown during that time to 34 employees. Its growth is based on providing quality services with a client-service-oriented approach. RJ Behar's services include:

- Grant Management & Assistance
- Transportation Engineering & Highway, Engineering
- Civil Engineering
- Traffic Engineering
- Structural Engineering
- Construction Engineering Management & Inspections
- Water Resources & Stormwater Master Planning
- Environmental Engineering

Grant Management Expertise - RJ Behar can take a project from obtaining the grant to constructing it. For example, the organization provided engineering support for the Town of Medley, Florida's Tobie Wilson Park Seawall grant application. The engineering support included the preparation of a preliminary design cost estimate, preliminary construction cost estimate, preparation of a preliminary schedule, and reviewing the grant application for compliance with the proposed design. The Florida Department of Environmental Protection (FDEP) awarded the funding request, and RJ Behar provided post-award support. RJ Behar completed plans for the seawall and performed a construction inspection to ensure it was built according to plans. Services also included acting as the project liaison for coordinating site inspections provided by the FDEP contract managers and preparing all programmatic and reimbursement reports, including the project close-out.

Engineering Expertise – RJ Behar's engineering inspectors hold various certifications from government agencies such as FDOT, FHWA, FDEP, FEMA, Mitigation Grants, and the United States Army Corps of Engineers. Some of these certifications are through the FDOT Construction Training Qualification Program (CTQP) program in Concrete, Asphalt, Drill Shafts, MSE Walls, Pile Driving, Quality Control, Maintenance of Traffic, and Stormwater inspection, including floating turbidity inspection for numerous water resource projects. When providing additional services concerning construction management, RJ Behar assists the City with the documentation needed to facilitate a seamless reimbursement process.

Experienced in Managing Major Construction Projects

RJ Behar specializes in the management of Community Development Block Grants (CDBG), State of Florida Local Programs (LAP), American Rescue Plan Act (ARPA), Federal Emergency Management Agency (FEMA), Florida Department of Environmental (FDEP) State Resilience Florida Program (SRF), Resilience and Coastal Protection, including LPA, SRF, Financial Readiness Program (FRP), and Mitigation (MT) Grants along with the various reporting requirements associated with these Grants. Professional services support for the Village's various grant projects will facilitate achieving full reimbursement.

The scope of work includes the following:

- Providing a Grant Project Manager to assist the Village's various departments with achieving compliance with the numerous grants the Village has either obtained or is in the process of obtaining funds from multiple agencies and their programs.
- Conducting research and compiling data for and preparing monthly, annual, and special reports.
- Assisting with coordinating the various phases of work for the grant being monitored.
- Reviewing the processes or supporting documentation for accuracy before transmitting the submittals to the benefactor.
- Assisting with preparing, formulating, and justifying all material necessary for the grant programs.
- Conducting complex and detailed reviews and analyses of the grant budget and allocating those funds against the funds expended by the Village during the construction phase, ensuring that reimbursement funds are received from the corresponding agency.
- Assisting in establishing and monitoring performance measures to identify and achieve desired outcomes strategically.
- Researching and responding to special funding opportunities requiring adherence to strict guidelines.
- Establishing a reporting process to monitor and maintain accountability to all funding sources, ensuring the Village follows and complies with all requirements of its respective grants.
- Assisting in representing the Village before the various funding sources when called upon to comply with the Federal requirements regarding bid packages, requests for proposals (RFPs), executed contracts, and monthly or quarterly reporting.
- Performing other related duties as requested and/or required.

Experience in Complying with Federal Funding and FEMA Reimbursements

During times of natural disasters, BellTower and RJ Behar's staff is available to support with expense recovery so that the Village of Key Biscayne can focus on public health and safety. RJ Behar provided funding criteria for compliance with the South Florida Water Management District (SFWMD) and Federal Emergency Management Agency (FEMA) Financial Assistance. SFWMD coordinated Hazard Mitigation Grant work and recovery work related to natural disasters. These events are typically declared presidential disasters and qualify the SFWMD for reimbursement of costs through FEMA. Audit-ready documentation was developed and maintained on a project-by-project basis in accordance with 44 CFR Parts 13, 14, and 206 and OMB Circular A-87 to qualify for reimbursement. The recovery and hazard mitigation began with a detailed post-disaster damage assessment, the creation of Project Worksheets (PWs) for each damaged site, cost tracking, and the final inspection and financial review to determine the total eligible costs for reimbursement. All the projects were subject to audit as required by the Single Audit Act of 1984 and could have been audited by the Federal government.

Florida Department of Transportation Local Agency Program (FDOT-LAP) Federal Certification Process

RJ Behar assisted the Town of Southwest Ranches, the Town of Davie, and the Town of Cutler Bay in obtaining the Florida Department of Transportation (FDOT) agencies' certification for Local Agency Program (LAP) funding of agency capital projects. Moreover, RJ Behar assisted the Town of Southwest Ranches in obtaining funding to construct the Stirling Road Loop Multipurpose Trail. The funding was obtained from the Metropolitan Planning Organization (MPO) and coordinated through FDOT and Broward County.

RJ Behar fully understands the importance of submitting the required documentation to meet the schedule guidelines and uphold LAP compliance. As part of the contract administration tasks, we will confirm the adequacy of the contract in all areas, including:

- LAP Agreement with FDOT
- Project Advertisement
- Competitive Bidding
- Award and Selection
- Required Contract Provisions
- Appropriate Wage Rate Tables
- DBE Participation

Operational Plan

BellTower and R.J. Behar seek to become an extension of the Village's team. When onboarding a new client, the grant consultant(s) assigned to the Village's first action step is to become familiar with the Village's website. This includes becoming familiar with the Village's Council and key staff members, existing grant resources, demographics, capital improvement projects, and available Master Plans (i.e., Multimodal Transportation Plan, Comprehensive Plan, Floodplain Plan, Parks and Recreation Master Plan, etc.). We believe that doing our homework improves efficiency during the grant writing process. BellTower's **Three-Step Framework** helps our clients navigate the full grant lifecycle.

I. Plan

BellTower Consulting Group will schedule a kick-off meeting with key members of the Village. Your grant consultants use this time to assess grant readiness. This phase includes identifying project priorities and status (shovel-ready projects, design phase projects, and matching funds availability). Within the first 30 days of service, BellTower will provide the designated Village staff member with a grant calendar or funding needs analysis aligned with the Village's project priorities and Capital Improvement Plan. The grant calendar will include a list of grant opportunities, funding levels, eligible projects, and a timeline for submittal. The Village is asked to review the grant calendar and determine which opportunities to pursue in the current fiscal year based on the project completion timeline and the funding source's scoring rubric.

The Village's grant calendar is a living document updated regularly as new opportunities are released, due dates are finalized, and priorities shift. When a grant on the grant calendar is released, a summary of the RFQ will be submitted to the Village (appropriate Department head) via e-mail. BellTower will also bring to the Village's attention any details to consider before agreeing to move forward with proposal development. This might include public involvement requirements, letters of support/approval from the County or state agencies, cost-share details, requirements for council approval, and scoring criteria.

Grant Research Strategies: BellTower uses multiple open-source and subscription-based grant research tools such as eCivis, GrantFinder, Grants.gov, and GrantStation.com. BellTower also maintains a database of grant opportunities based on our many years of experience in the grant writing field. BellTower uses this data to publish a monthly "Grants for Cities" e-newsletter curated by BellTower with grant opportunities based on identified funding priorities. Additionally, the Grant Writing Team meets each Friday to discuss grant opportunities that align with our clients' needs.

Another key part of Grant Research is understanding how the Village's projects align with regional and national goals and objectives. BellTower reviews strategic plans developed at the county, state, and federal levels to demonstrate project alignment and strengthen the Village's proposals. This research helps to identify opportunities for partnership and other pass-through grants.

When a grant is released at the federal level, the state might set a deadline earlier than the one advertised by the federal government or common grant databases such as those mentioned above. BellTower follows key state agencies to receive notifications directly and avoid missed opportunities to apply for pass-through funding.

An example template of a Grant Calendar for planning purposes:

Month to pursue	Funder	Project	Request Amount	Match	Due Date	Action / Notes
January	FDEP-LWCF	New City Park	$1.5 Million	$1$1	3/15/24	Requires public involvement phase; Requires Proof of Site Control

II. Create

The grant writing phase results in BellTower delivering grant proposals in compliant formats to the Village for submittal. BellTower's strategy for grant writing includes the following:

1. Project Kick-Off: Once the Village "green lights" an RFQ, BellTower will host a kick-off meeting to interview the key people involved. BellTower will collect any documents from the Village to understand the project fully. BellTower will also attend bidder's conferences (if available) and contact funders to clarify any questions about the grant submission process. BellTower will provide the Village with a checklist of application-specific items needed to complete the application and a timeline for project completion.

2. Write and Submit 1st Draft: BellTower will write the grant application following the specified RFQ requirements. Additionally, BellTower will identify opportunities for interagency collaboration, draft public notices, draft support letters, develop grant-related resolutions and agenda items, and prepare PowerPoint presentations or other documents needed to complete the application process. Once the first draft of the grant application and supporting documents are completed, they are submitted to the Village for review and approval. BellTower will make any requested edits until the grant is approved by the Village and ready for submission.

3. Submit Application to Funder: BellTower collates and labels all grant documents based on the funding agency's packaging requirements. It is the Village's responsibility to secure the necessary signatures. The Village submits the grant application to the funding agency with BellTower's guidance. Alternatively, the Village may give BellTower access to apply on behalf of the Village. A copy of the final application package and proof of submittal are provided to the Village for its records.

4. Follow-up: Sometimes, the funding agency requests additional information related to the grant application. These requests go directly to the Village. BellTower will provide technical assistance in responding to these requests. In addition, BellTower will track the status of the application until a funding decision is made.

III. Manage

The Grant Management and Administration Services phase results in BellTower and RJ Behar (the Grants Team) ensuring that the Village complies with post-award reporting requirements. Your grants team is available to provide on-demand technical assistance and staff training to ensure that the projects remain compliant with the grant requirements and that the Village draws down 100% of eligible expenses from the grant award. Here is an overview of BellTower's approach to developing a successful grant management program.

1. **Contract Execution:** The Grants Team will support Village Staff by completing the necessary documents (work plan, budget, attestation forms, match commitment forms, etc.) to allow the Funding Agency to develop the contract agreement. We can also prepare the Management Letter/Memo and Resolution to authorize the Village Manager to accept the grant award and enter into a contract agreement.

2. Project Orientation: We aim to ensure that the Village is supported in complying with the responsibilities listed in its grant contracts and is well prepared for the annual fiscal audits. BellTower conducts a project orientation to ensure the entire team is aware of key elements of the contract, project deliverables, project timelines, and documentation requirements.

If necessary, the Grants Team will assist the Village in developing a Grant Management Manual or updating its policies and procedures to comply with state or federal regulations. For example, the Grants Management Manual might include a fiscal compliance checklist, public notice templates, Section 3 compliance, ADA Compliance, Limited English Proficiency, Equal Employment Opportunity, Conflict of Interest, and Contractor Oversight. BellTower is also available to assist the engineering team and key personnel in developing bid documents that comply with state or federal regulations, understanding that funding guidelines flow to the Village's contractors and subcontractors. In addition, BellTower will work with the engineering team and key personnel to ensure that all contractors comply with the policies and procedures outlined in the bidding documents.

This task will be accomplished by any combination of strategies, such as providing an overview of compliance requirements during the kick-off meeting with vendor(s), developing checklists to share with the project team, and periodically conducting administrative monitoring of the vendors for compliance. All contractors and subcontractors must know the contract requirements to protect the Village from having its grant reimbursement requests denied due to non-compliance.

BellTower will attend any necessary meetings and work proactively with key personnel to ensure the team knows the data needed to complete progress reports, staffing reports, fiscal reports, and reimbursement requests. This information will be collected from key personnel regularly and compiled to complete the appropriate report forms. The completed report and backup documentation will be provided to the Village's project lead for submission to the funding agency.

3. Grant Reporting and Closeout: The Grants Team will facilitate the grant reporting and closeout process. This task includes compiling all deliverables identified in the Grant Agreement, collecting invoices and proof of payment, obtaining the Engineer's Certification, collecting project photographs, and filing other requested documents. The completed reports will be submitted to the Village's project lead for review, and once all authorized representatives approve it, it will be submitted to the funding agency. Finally, BellTower will provide the Village with a project folder containing all reports and documents prepared on behalf of the Village. The Village shall maintain all documents for five (5) years of project closeout or as indicated in each grant agreement.

Records Management Approach

Our approach to **records management is tailored to meet the needs of our clients.** BellTower has created a customized grant dashboard for our clients. It provides an easily accessible way for clients to keep track of grant-funded projects. The Village's dashboard will be branded with its logo and color scheme.

BellTower will work with the Village to identify any additional data tracking that needs to be added to the dashboard. The benefit of BellTower's system is that clients do not need to log in to a system to find the documents needed. The dashboard provides an easy-to-navigate snapshot of all grant-related activities and post-award reporting. From the dashboard, the Village will see the status of grant awards for each department, including the project work plan and timeline and how much money has been awarded vs. reimbursed to the Village.

The Village will have access to the software system to view its dashboard anytime. In addition to the dashboard, the project management tool serves as a repository for grant applications, contract agreements, and reports. During the grant management phase, BellTower communicates with the Village directly from the software system. The benefit of this is that all communications related to a particular grant project are maintained in the system, eliminating lost emails.

The Village can use this customized dashboard for all its grant projects, even if BellTower is not writing or administering it. Click the link to view a brief demonstration of the Customized Grant Dashboard.

Price Proposal

BellTower Consulting Group, LLC

Village of Key Biscayne (RFQ2025-01 - Grant Administration Support Services)

Position Title	Hourly Rate	Sample Description of tasks
Pre-Award Support/Grant Database Management		
Principal Grant Consultant/Senior Grants Professional	$ 224	Grant Opportunity Development, Strategic Planning, Grant Writing, Legislative Appropriations (upon request), Emergency Response Expense Recovery (i.e. FEMA), Quality Control
Grant Writer	$ 150	Grant Funding Research, Grant Writing
Administrative Assistant	$ 90	Customized Grant Database Development and Records Maintenance, Communications, Project Support
Post-Award Support (Grant Administration)		
Grant Manager/Senior Compliance Specialist	$ 192	Ongoing Communication & Support, Records Keeping
Grant Administration/Compliance Specialist	$ 90	Project Management/Constructability Review
Engineering Services		
Senior Engineering (PE) Roadway	$ 275	Engineering/Technical Assistance
Project Engineer (PE) Structural	$ 224	Engineering/Technical Assistance
Construction Manager (PE)	$ 227	Engineering/Technical Assistance
Senior Inspector	$ 140	Construction Inspection
Inspector	$ 100	Construction Inspection
Designer/CAD Technician	$ 125	Engineering/Technical Assistance

Note: *If BellTower is awarded a contract to provide "on-demand" services, BellTower will provide a cost estimate for each assigned project.*

Grant Type	Average # of Hours
Federal Grant	50
State Grant	30
Local/Foundation Grant/Federal Appropriation	25
Letter of Intent or State Appropriation	10

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 07/07/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Verifly Insurance Services, LLC DBA Thimble Insurance Services
174 West 4th Street, Suite 204
New York, NY 10014
https://support.thimble.com/

CONTACT NAME: THIMBLE https://support.thimble.com/
PHONE (A/C, No, Ext):
FAX (A/C, No):
E-MAIL ADDRESS: support@thimble.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : National Specialty Insurance Company	22608
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F : https://www.thimble.com/check-policy-status/	

INSURED
BellTower Consulting Group, LLC
14876 SW 168th Terrace, Miami, FL, 33187
info@belltowergroup.org

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC OTHER:	Y	Y	IBL-PKR9SNFJN-1	04/09/2025 2:09 PM EDT	04/09/2026 2:09 PM EDT	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 1,000,000
							PRODUCTS - COMP/OP AGG	$ 1,000,000
								$
	AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY SCHEDULED AUTOS NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident)	$
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $						EACH OCCURRENCE	$
							AGGREGATE	$
								$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					PER STATUTE OTH-ER	
							E.L. EACH ACCIDENT	$
							E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
								$
								$
								$
								$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space isrequired)

Village of Key Biscayne bonding documents (Contract # RFQ 2025-01)

(con't on form Acord 101)

CERTIFICATE HOLDER
Village of Key Biscayne
88 W McIntyre St, Suite 230
Key Biscayne FL, 33149

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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AGENCY CUSTOMER ID: info@belltowergroup.org

LOC #: 1

ADDITIONAL REMARKS SCHEDULE

AGENCY Verifly Insurance Services, LLC DBA Thimble Insurance Services	NAMED INSURED BellTower Consulting Group, LLC 14876 SW 168th Terrace, Miami, FL, 33187 info@belltowergroup.org
POLICY NUMBER IBL-PKR9SNFJN-1	
CARRIER National Specialty Insurance Company — NAIC CODE 22608	EFFECTIVE DATE: 04/09/2025 2:09 PM EDT

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: Acord 25 FORM TITLE: Certificate of Liability Insurance

Description of Operations (con't)

Episodic Coverage (THSN CG 02 04 02 21) for policy number IBL-PKR9SNFJN-1 until 04/09/2027 2:09 PM EDT

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED ADDITIONAL INSURED

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

PROFESSIONAL LIABILITY COVERAGE FORM

SCHEDULE

Name of Designated Person or Organization (including its departments and attached agencies, its directors, officers, officials, employees, representatives and agents):

Any person(s) or organization(s) for whom you have agreed in writing in a contract or agreement that such person(s) or organization(s) be added as an additional insured on your policy.

E-Mail Address:

A. **SECTION II – WHO IS AN INSURED** is amended to include as an additional insured the person(s) or organization(s) shown in the **SCHEDULE** above, but only with respect to liability for "bodily injury", "property damage", "personal and advertising injury" or "wrongful acts" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

1. In the performance of your ongoing operations; or
2. In connection with your premises owned by or rented to you.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **LIMITS OF INSURANCE** section of the coverage form

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable limits of insurance shown in the Declarations;

whichever is less.

C. If this policy is cancelled or nonrenewed for any reason, we will deliver notice of the cancellation or non-renewal to any Designated Person or Organization shown in the **SCHEDULE** above at the e-mail address shown above.

D. This endorsement shall not increase the applicable limits of insurance shown in the Declaration

All other terms and conditions remain unchanged.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
ELECTRONIC DATA LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
POLLUTION LIABILITY COVERAGE PART DESIGNATED SITES
POLLUTION LIABILITY LIMITED COVERAGE PART DESIGNATED SITES
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART
UNDERGROUND STORAGE TANK POLICY DESIGNATED TANKS

SCHEDULE

Name Of Person(s) Or Organization(s):
Any person(s) or organization(s) for whom you have agreed in writing in a contract or agreement that such person(s) or organization(s) be added as an additional insured on your policy.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The following is added to Paragraph **8. Transfer Of Rights Of Recovery Against Others To Us** of **Section IV – Conditions:**

We waive any right of recovery against the person(s) or organization(s) shown in the Schedule above because of payments we make under this Coverage Part. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person(s) or organization(s) prior to loss. This endorsement applies only to the person(s) or organization(s) shown in the Schedule above.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED ADDITIONAL INSURED

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

PROFESSIONAL LIABILITY COVERAGE FORM

SCHEDULE

Name of Designated Person or Organization (including its departments and attached agencies, its directors, officers, officials, employees, representatives and agents):

Village of Key Biscayne

E-Mail Address:

djairam@keybiscayne.fl.gov

A. SECTION II – WHO IS AN INSURED is amended to include as an additional insured the person(s) or organization(s) shown in the **SCHEDULE** above, but only with respect to liability for "bodily injury", "property damage", "personal and advertising injury" or "wrongful acts" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

1. In the performance of your ongoing operations; or
2. In connection with your premises owned by or rented to you.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **LIMITS OF INSURANCE** section of the coverage form

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable limits of insurance shown in the Declarations;

whichever is less.

C. If this policy is cancelled or nonrenewed for any reason, we will deliver notice of the cancellation or non-renewal to any Designated Person or Organization shown in the **SCHEDULE** above at the e-mail address shown above.

D. This endorsement shall not increase the applicable limits of insurance shown in the Declaration

All other terms and conditions remain unchanged.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY – OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

(1) The additional insured is a Named Insured under such other insurance; and

(2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

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POLICY NUMBER: IBL-PKR9SNFJN-1

COMMERCIAL GENERAL LIABILITY
CG 24 04 12 19

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
ELECTRONIC DATA LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
POLLUTION LIABILITY COVERAGE PART DESIGNATED SITES
POLLUTION LIABILITY LIMITED COVERAGE PART DESIGNATED SITES
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART
UNDERGROUND STORAGE TANK POLICY DESIGNATED TANKS

SCHEDULE

Name Of Person(s) Or Organization(s):
Village of Key Biscayne djairam@keybiscayne.fl.gov
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The following is added to Paragraph **8. Transfer Of Rights Of Recovery Against Others To Us** of **Section IV – Conditions:**

We waive any right of recovery against the person(s) or organization(s) shown in the Schedule above because of payments we make under this Coverage Part. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person(s) or organization(s) prior to loss. This endorsement applies only to the person(s) or organization(s) shown in the Schedule above.

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 07/07/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Hiscox Inc.
5 Concourse Parkway
Suite 2150
Atlanta GA, 30328

CONTACT NAME:
PHONE (A/C, No, Ext): (888) 202-3007 FAX (A/C, No):
E-MAIL ADDRESS: contact@hiscox.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Hiscox Insurance Company Inc	10200
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
BellTower Consulting Group
14876 SW 168th Ter
Miami, FL 33187

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$
	☐ OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	☐ ANY AUTO						BODILY INJURY (Per person)	$
	☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	☐ HIRED AUTOS ☐ NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	$
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N						☐ PER STATUTE ☐ OTH-ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ N / A						E.L. EACH ACCIDENT	$
	(Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	Professional Liability			P100.726.407.13	11/14/2024	11/14/2025	Each Claim: $ 1,000,000 Aggregate: $ 2,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Village of Key Biscayne bonding documents (Contract # RFQ 2025-01)

CERTIFICATE HOLDER
Village of Key Biscayne
88 W McIntyre St.
Suite 230
Key Biscayne, FL 33149

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Mary J Boyd

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Form **W-9**
(Rev. March 2024)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give form to the requester. Do not send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See ***Specific Instructions*** on page 3.

1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)

Bell Tower Consulting Group, LLC

2 Business name/disregarded entity name, if different from above.

3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor ☐ C corporation ☐ S corporation ☐ Partnership ☐ Trust/estate

☑ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) . . . . . **S**

Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____

(Applies to accounts maintained outside the United States.)

3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions . . . . . ☐

5 Address (number, street, and apt. or suite no.). See instructions.

8950 Southwest 74 Court Suite 2201

Requester's name and address (optional)

6 City, state, and ZIP code

Miami, Florida 33156

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–			–				

or

Employer identification number

2	7	–	2	2	2	5	8	2	3

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here | **Signature of U.S. person** LaKeesha Morris-Moreau | Digitally signed by LaKeesha Morris-Moreau Date: 2024.09.30 09:40:43 -04'00' | **Date**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Sound, Stage, Lighting, and Equipment Rental Services Contract Agreements

RECOMMENDATION

Recommend the Village Council authorize the Village Manager to negotiate and enter into agreement with Reflections Productions, Signature Production Services, and Event Factor Inc. for sound, stage, lighting, and equipment rental services. The proposed agreements will each be for an initial three (3) year term with two (2) optional one-year extensions, in amounts not to exceed the approved annual budget.

DISCUSSION

Purpose: The agreements will support the Village's ability to host high-quality outdoor events and community programs by contracting with experienced vendors for sound systems, stage setups, lighting, and related equipment. These services are essential to ensuring high quality event production, public safety, and positive attendee experience. The procurement process established clear vendor responsibilities, including timely delivery, setup, on-site technical support, and coordination with Village staff for event execution.

Background: In response to the need for consistent, high-quality production services for Village-sponsored events, the Village issued Request for Proposals No. 2025-08 on April 29, 2025, seeking qualified production companies. The RFP was publicly advertised on the Village's website, Notice Board, DemandStar, and in the Miami Herald. A non-mandatory pre-bid meeting was held to provide vendors with a scope summary. Proposals were due by June 10, 2025.

Five proposals were received and evaluated by a committee of Village staff. Scoring was based on experience, qualifications, proposed service plan, and cost. After technical and financial evaluations, the top three ranked firms were Reflections Productions, Signature Production Services, and Event Factor Inc.

Justification: The recommendation is based on the Evaluation Committee's scoring, which ranked Reflections Productions, Signature Production Services, and Event Factor Inc. as the highest overall among five proposers. All three firms submitted complete and responsive

proposals, are licensed in the State of Florida, and demonstrated the qualifications, references, and technical capabilities required for Village events.

Although two other proposers submitted lower prices, they were not selected due to lower technical scores or incomplete documentation. For example, Stage Digital Advisors, despite offering competitive pricing, was not ranked in the top three due to a failure to respond to required questions and non-responsive references. The recommended firms offer the best combination of technical merit, reliability, and value.

Implementation/Integration Plan: The selected firms will be integrated into the Village's event planning process following execution of agreements. Reflections Productions and Signature Production Services will be the Village's primary providers for production services, with Event Factor Inc. serving as secondary provider in the event of scheduling conflicts, availability issues, or specific event needs. Vendors will coordinate with Parks and Recreation staff on logistics, setup, and on-site operations.

RESOURCE IMPACT

Recurring Funding: Expenses will remain within budget funding allocations – $85,000 annually.

Personnel: PROS staff will continue to coordinate and manage vendor logistics and event operations.

FUNDING SOURCES

Production services are funded through multiple Parks Department line items for community and cultural programming and events.

- ***GL Code**:* 001-72-572-48002, 001-72-572-48007, 001-72-572-48011, 001-72-572-48044, 001-72-572-48045
- ***Budget Line-Item**:* Community and Cultural Event, Winterfest, Concert Series, Lighthouse Run, Fall Festival, and the different Community Programs & Events.
- ***Amount**:* $60,000 to $100,000 annually

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

Formalizing production service agreements supports Village goals for community engagement, improving the public event experience, and operational reliability.

ATTACHMENT(S)

- Bid Tabulation Sheet
- Evaluation Recommendation
- Gersil Group Inc., DBA: Signature Production Services Proposal

- Reflection Productions Inc. Proposal
- Event Factor Inc. Proposal

Prepared by: Todd Hofferberth | Parks, Recreation & Open Spaces Director

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING REFLECTIONS PRODUCTIONS, INC., THE GERSIL GROUP INC. D/B/A SIGNATURE PRODUCTION SERVICES, AND EVENT FACTOR, INC. FOR SOUND, STAGE, LIGHTING, AND EQUIPMENT RENTAL SERVICES ON AN AS-NEEDED BASIS; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Village of Key Biscayne (the "Village") issued Request for Proposals No. 2025-08 (the "RFP") seeking proposals from vendors for sound systems, stage setups, lighting, and related equipment rental services on an as-needed basis (the "Services"); and

WHEREAS, five sealed proposals were received by the RFP deadline; and

WHEREAS, the Village Manager recommends that the Village Council select Reflections Productions, Inc., the Gersil Group Inc. d/b/a Signature Production Services, and Event Factor Inc. (collectively, the "Contractors") to provide the Services; and

WHEREAS, the Village Council desires to select the Contractors to perform the Services and authorize the Village Manager to negotiate and execute an agreement, in substantially the form attached hereto as Exhibit "A," with each of the Contractors; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. Selection. That the Village Council hereby selects the Contractors for the Services.

Section 3. **Authorization.** That the Village Council hereby authorizes the Village Manager to negotiate and execute an agreement with each of the Contractors, in substantially the form attached hereto as Exhibit "A," subject to the final approval of the Village Attorney as to form, content, and legal sufficiency.

Section 4. **Implementation.** That the Village Manager and Village Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and provisions of this Resolution.

Section 5. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH, CMC
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

PROFESSIONAL SERVICES AGREEMENT

BETWEEN

THE VILLAGE OF KEY BISCAYNE

AND

NAME OF ENTITY

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **NAME OF ENTITY**, a Florida [type of entity] (hereinafter, the "Consultant").

WHEREAS, on April 28, 2025, the Village issued Request for Proposals No. 2025-08 (the "RFP") seeking proposals from vendors for sound systems, stage setups, lighting, and related equipment rental services (the "Services"), all as set forth in greater detail in the Scope of Services attached hereto as Exhibit "A"; and

WHEREAS, on August 19, 2025, the Village Council adopted Resolution No. 2025-XX, selecting the Contractor for the provision of the Services; and

WHEREAS, the Consultant will perform the Services on behalf of the Village, all as further set forth in the Proposal, attached hereto as Exhibit "B"; and

WHEREAS, compensation for the provision of the Services shall be in accordance with the Rate Schedule attached hereto as Exhibit "C"; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. **Scope of Services.**

1.1. Consultant shall provide the Services set forth in the Scope of Services and the Consultant's Proposal attached hereto as Exhibits "A" and "B," respectively, and incorporated herein by this reference.

1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. **Term/Commencement Date.**

2.1. The term of this Agreement shall be from the Effective Date through three years thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for two additional one year periods on the same terms as set forth herein upon written notice to the Consultant.

2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. Compensation and Payment.

3.1. Compensation for Services provided by Consultant shall be in accordance with Rate Schedule attached hereto as Exhibit "C."

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village,

DRAFT

and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the

insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. Additional Insured. Except with respect to Professional Liability Insurance and Worker's Compensation Insurance**,** the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. Deductibles. All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. Nondiscrimination. During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. Attorneys Fees and Waiver of Jury Trial.

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. Indemnification.

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records: **Jocelyn B. Koch**
Mailing address: **88 West McIntyre Street**
Key Biscayne, FL 33149
Telephone number: **305-365-5506**

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Email: jkoch@keybiscayne.fl.gov

17. **Nonassignability.** This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. **Severability.** If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. **Independent Contractor.** The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.**

    20.1. The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

    20.2. **Background Checks.** Prior to the execution of this Agreement, the Consultant must undergo a Level II/Vechs screening and background check for the Consultant, its officials, agents, employees, subcontractors, volunteers, or other individuals engaged in providing the Services under this Agreement. The Consultant shall be responsible for updating the Village in writing with any additions and deletions of the individuals authorized to provide Services under this Agreement. In the event that additional individuals are authorized to perform such Services, the Consultant must ensure that such additional individual(s) undergo a Level II/Vechs screening and background check prior to such individual commencing such Services. It shall be in the Village's complete and sole discretion as to whether the type of check and the results are acceptable pursuant to and in accordance with the Village's policies. Failure to comply with the provisions of this Section shall be grounds for terminating this Agreement for cause.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

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23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **State Required Affidavits.** By entering into this Agreement, the Consultant agrees to review and comply with the following state affidavit requirements:

24.1. Public Entity Crimes Affidavit. Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

24.2. Scrutinized Companies. Consultant certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, Florida Statues, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement. If this Agreement is for more than one million dollars, the Consultant certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, Florida Statutes. Pursuant to Section 287.135, Florida Statutes, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

24.3. E-Verify Affidavit. In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Consultant acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

24.4. Noncoercive Conduct Affidavit. Pursuant to Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a),

Florida Statutes. By entering into this Agreement, the Consultant acknowledges that it has read Section 787.06, Florida Statutes, and will comply with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

24.5. Prohibition on Contracting with Entities of Foreign Concern. Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern. By entering into this Agreement, the Consultant acknowledges that it has read Section 287.138, Florida Statutes, and complies with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

25. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. Conflicts; Order of Priority. This document without exhibits is referred to as the "Base Agreement." In the event of a conflict between the terms of this Base Agreement and any exhibits or attachments hereto, or any documents incorporated herein by reference, the conflict shall be resolved in the following order of priorities and the more stringent criteria for performance of the Services shall apply:

26.1. First Priority: this Base Agreement;
26.2. Second Priority: Change Orders with later date taking precedence;
26.3. Third Priority: Exhibit C – Rate Schedule;
26.4. Fourth Priority: Exhibit A – Scope of Services;
26.5. Fifth Priority: Exhibit B – Contractor's Proposal; and
26.6. Sixth Priority: Statement of Work, with later date taking precedence.

[Remainder of page intentionally left blank. Signature pages follow.]

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch, CMC
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONSULTANT

By: _____

Name: _____

Title: _____

Entity: _____

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

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E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____
Print Name: _____
Title: _____
Entity Name: _____

ACKNOWLEDGMENT

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20___, by_____ (name of person) as _____ (type of authority) for _____ _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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AFFIDAVIT ATTESTING TO
NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of _____, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

DRAFT

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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EXHIBIT A
SCOPE OF SERVICES

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PROCUREMENT DOCUMENTS LINK

RFP # 2025-08 Sound, Stage, Lighting and Equipment Rental Services

Below are links to procurement documents for:
(click on each line for document)

1. Request for Proposals (RFP)
2. RFP Addendum No.1

4. Bid Tabulation Sheet
5. Evaluation Committee Meeting Minutes
6. Evaluation Recommendation
7. Recommended Proposal – Gersil Group Inc., DBA: Signature Production Services
8. Recommended Proposal – Reflection Productions Inc.
9. Recommended Proposal – Event Factor Inc.
10. Purchase Requisition – N/A

Daren Jairam, MBA, MHC
Procurement Officer
djairam@keybiscayne.fl.gov
305-365-7577

Tabulation Sheet

Agency Name Village of Key Biscayne

Bid Number RFP-2025-08 RFP-0-2025/dj

Bid Name Sound, Stage, Lighting and Equipment Rental Services

Bid Due Date 06/10/2025 11:30:00 Eastern

Bid Opening **Closed**

4 responses found.

✓ online, offline, ● not submitting, not received

	Company	Responded	Address	Bid Amount	Alt Bid Amount	Declared Attributes	Documents	Sent
Complete								
1 .	Diaz Consulting Group, Inc.	06/10/2025 10:38:26 Eastern	95 Merrick Way, 3rd Floor, Miami, FL, 33134	$0.0000	0.0000		Bid Document	✓
2 .	Insomia	06/10/2025 11:26:31 Eastern	3521 NW 19th Street, Fort Lauderdale, FL, 33311	$0.0000	0.0000		Bid Document	✓
3 .	Signature Production Services	06/07/2025 13:31:05 Eastern	110 Lake Emerald Drive, Unit 408, Fort Lauderdale, FL, 33309	$0.0000	0.0000		Bid Document	✓
4 .	Stage digital advisors	06/10/2025 09:13:25 Eastern	8450 NW 68th St, Suite 6, Miami, FL, 33166	$0.0000	0.0000		Bid Document	✓

5. Reflections Productions Inc. 06/10/2025 11:24 Eastern Emailed Proposal

		EVENT FACTOR INC.			INSOMNIA SOUND & PARTY RENTAL			SIGNATURE PRODUCTION SERVICES			STAGE DIGITAL ADVISORS			REFLECTIONS PRODUCTIONS INC. Via		
4TH OF JULY - Service	**Quantity**	**Equip. Cost**	**Labor**	**Total**	**Equip. Cost**	**Labor**	**Total**	**Equip. Cost**	**Labor**	**Total**	**Equip. Cost**	**Labor**	**Total**	**Equip. Cost**	**Labor**	**Total**
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	1	125.00		125.00	3,500.00	3,000.00	6,500.00	2,300.00	700.00	3,000.00	800.00	700.00	1,500.00	110.00		110.00
Wireless mics (2) and receiver: Shure ULX S4 and Shure SM58 or equivalent	1	350.00		350.00	350.00		350.00	250.00		250.00	300.00		300.00	60.00		60.00
Instrument Direct Box	2	50.00		100.00	15.00		30.00		Included	-	50.00		50.00	8.00		16.00
Computer laptop system with CD player	1	125.00		125.00	150.00		150.00		No Charge	-	125.00		125.00	75.00		75.00
FM receiver with hp antenna	1	45.00		45.00	20.00		20.00		Included	-		Included				
Rolls of 25' mic cable	4	25.00		100.00	5.00		20.00		Included	-		Included				-
Tripod boom stands	4	25.00		100.00	40.00		160.00		No Charge	-	80.00		80.00	8.00		32.00
Crank up tripod stands	4	25.00		100.00	50.00		200.00	250.00	150.00	800.00	160.00		160.00	38.00		152.00
Power distro system (handcart)	2	500.00		1,000.00	100.00		200.00	150.00		150.00	350.00		350.00	125.00		250.00
L1420-5 quad stringer 125/250v 120'	4	150.00		600.00	50.00		200.00		Included			Included		35.00		140.00
L1420-5 house whip 125/250v 150'	2	85.00		170.00	50.00		100.00		Included			Included		30.00		60.00
L1420 Extension 125/250v 120'	2	50.00		100.00	100.00		200.00		Included			Included		10.00		20.00
Multiquip 125 kw generator	1	1,800.00	per day	3,600.00	1,350.00		1,350.00	1,500.00		1,500.00	800.00	300.00	1,100.00	795.00		795.00
25' black 12/3 extension cord with triple tap	10	25.00		250.00	20.00		200.00		Included			Included		8.00		80.00
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.	1	1,500.00		1,500.00	1,000.00		1,000.00		Included		200.00		200.00			
Generator and transportation	1				750.00		750.00	500.00		500.00	300.00		300.00	(2) 130.00		260.00
Fuel	1	400.00	per day	800.00	300.00		300.00		TBD			Included				
Audio Technician	1	800.00	per day	1,600.00	450.00		450.00	650.00		650.00		700.00	700.00	10.00	60 per hour	600.00
Stagehand to setup and strike equipment				2,500.00												
TOTAL				**13,165.00**			**12,180.00**			**6,850.00**			**4,865.00**			**2,650.00**

LIGHTHOUSE RUN - Service	**Quantity**	**Equip. Cost**	**Labor**	**Total**	**Equip. Cost**	**Labor**	**Total**	**Equip. Cost**	**Labor**	**Total**	**Equip. Cost**	**Labor**	**Total**	**Equip. Cost**	**Labor**	**Total**
Stagehand and/or stage engineer to set up, strike all equipment, and DJ event.	1	2,500.00		2,500.00		3,000.00	3,000.00		650.00	650.00		700.00	700.00		SH -45/hr SE2 - 50/hr	500.00
Apex 2016 Stage or comparable no less than 16' by 24' with roof	1	6,500.00		6,500.00	3,000.00		3,000.00	2,500.00		2,500.00	4,500.00	1,000.00	5,500.00	1,995.00		1,995.00
Banner backdrop to stage	1	2,800.00		2,800.00	2,500.00		2,500.00		TBA		950.00		950.00	400.00		400.00
Power including 25kw generator, power distribution system (Handcart), and 100' 6/4 2X50 125/250v extension	1	1,800.00	per day	3,600.00	2,500.00		2,500.00	1,300.00	700.00	2,000.00	300.00		300.00	400.00		400.00
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	2	250.00		500.00	3,500.00		7,000.00	175.00		350.00	800.00	500.00	1,300.00	220.00		220.00
a powered, suspendable subwoofer system: JBL VRX 918sp or equivalent	2	350.00		700.00	3,500.00		7,000.00	175.00		350.00	125.00		125.00	110.00		220.00

Portable Self-Powered 15”, Two-Way, Bass-Reflex Design: JBL 515 Eons or equivalent	2	175.00		350.00	150.00		300.00	75.00		150.00	150.00		150.00	55.00		110.00
16 channel digital mixing sound console: Yamaha LS9 - 16 w/case or equivalent	1	175.00		175.00	250.00		250.00	125.00		125.00	300.00		300.00	240.00		240.00
Instrument Direct Box	1	50.00		50.00	20.00		20.00		No Charge		50.00	(2)	50.00	8.00		8.00
vocal microphone i.e. Shure SM 58 or equivalent	3	75.00		225.00	50.00		150.00		No Charge		60.00		60.00	8.00		24.00
Shure ulxs4 wireless microphone with pelican case or equivalent	1	175.00		175.00	200.00		200.00	150.00		150.00	125.00		125.00	60.00		60.00
25' mic cables	2	35.00		70.00	5.00		10.00		Included			Included				-
25' black 12/3 extension cord with triple tap	6	25.00		150.00	20.00		120.00		Included			Included		8.00		80.00
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.		1,500.00		1,500.00	1,000.00		1,000.00				200.00		200.00			
Generator and stage transportation		200.00	per day	400.00	1,500.00		1,500.00	500.00		500.00	300.00		300.00	(2) 130.00		260.00
Fuel		500.00	per day	1,000.00	300.00		300.00		Included			Included				
Stagehand to setup and strike equipment				2,500.00												
Audio Tech (10 Hours)												700.00	700.00			
TOTAL				**23,195.00**			**28,850.00**			**6,775.00**			**10,760.00**			**4,517.00**

WINTERFEST - Service	Quantity	Equip. Cost	Labor/ Hour	Total	Equip. Cost	Labor/Hour	Total	Equip. Cost	Labor/Hour	Total	Equip. Cost	Labor/Hour	Total	Equip. Cost	Labor/Hour	Total
VRX system	1	3,500.00		3,500.00	3,500.00	3,000.00	6,500.00	2,300.00	700.00	3,000.00	(2) 1,600.00	700.00	2,300.00	1,242.00		1,242.00
Digital mixer Yamaha LS9-32 or equivalent	1	350.00		350.00	200.00		200.00	150.00		150.00	300.00		300.00	400.00		400.00
Digital bodypack transmitter Shure ULXD1 or equivalent	1	175.00		175.00	200.00		200.00	150.00		150.00	80.00		80.00	85.00		85.00
Chain hoist 1/2 ton 20'	2	75.00		150.00	50.00		100.00	95.00		190.00	250.00	800.00	1,050.00	94.00		188.00
Stage monitor speaker	1	125.00		125.00	100.00		100.00	75.00		75.00	75.00		75.00	400.00		400.00
Drum mic package	1	125.00		125.00	20.00		20.00		No Charge		250.00		250.00	70.00		70.00
10x10 tent for equipment	1	75.00		75.00	150.00		150.00		Included		125.00		125.00	80.00		80.00
RGBWA/UV remote DMX auto play sound activated stage lights	8	65.00		520.00	50.00		400.00	75.00		600.00	320.00		320.00			
QuickQ 20 lighting controller or equivalent	1	135.00		135.00	50.00		50.00	150.00		150.00	350.00		350.00	170.00		170.00
Apex 3224 mobile stage or equivalent stage with a minimum stage size of 32' long and 23'8" wide and a minimum height of 12'	1	6,500.00		6,500.00	4,500.00		4,500.00	3,700.00	700.00	4,400.00	4,500.00	1,000.00	5,500.00	3,600.00		3,600.00
DMX control cable 50'	1	50.00		50.00	10.00		10.00		Included			Included		2.00		2.00
6 snow machines with xtra dry juice (40' outdoor) and the required power from a generator suspended on an 10' high truss system	1 complete system	2,500.00		2,500.00	1,500.00		1,500.00		TBA		1,500.00		1,500.00			600.00
Power distribution system (Handcart)	1	500.00		500.00	150.00		150.00	150.00		150.00	175.00		175.00	125.00		125.00
Multiquip 25 kw generator	2	1,800.00	per day	3,600.00	750.00		1,500.00	850.00		1,700.00	1,600.00	300.00	1,900.00	350.00		700.00

100' 6/4 2x50 125/250v extension	3	100.00		300.00	50.00		150.00		No Charge			Included		40.00		120.00
50' 6/4/ 2x50 125/250v extension	2	75.00		150.00	50.00		100.00		No Charge			Included		12.00		48.00
50 Amp distribution box with 50 twists / 6 GFI	3	500.00		1,500.00	250.00		750.00	50.00		150.00		Included		160.00		480.00
25' 12/3 extension cord with triple tap	16	35.00		560.00	20.00		320.00	25.00		400.00		Included		8.00		128.00
50' 13/3 extension cord with triple tap	4	50.00		200.00	30.00		120.00	45.00		180.00		Included		40.00		120.00
Audio Technician	1	800.00		1,600.00	450.00		450.00	650.00		650.00		700.00	700.00		60.00	600.00
Electrician	1	800.00	per day	1,600.00		250/day	250.00	650.00		650.00		700.00	700.00		50.00	500.00
Stage Manager	1	1,000.00		1,000.00		250/day	250.00	500.00		500.00		500.00	500.00		42.00	420.00
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.	1	1,500.00		1,500.00			-				200.00		200.00			
Generator and stage transportation	2	200.00	per day	400.00	1,500.00		1,500.00	500.00		500.00	300.00		300.00	(2) 130.00		260.00
Fuel	1	500.00	per day	1,000.00	300.00		300.00		TBD			Included				
Stagehand to setup and strike equipment				2,500.00												
				30,615.00			19,570.00			13,595.00			16,325.00			10,338.00

CONCERT - Service	Quantity	Equip. Cost	Labor	Total	Equip. Cost	Labor	Total	Equip. Cost	Labor	Total	Equip. Cost	Labor	Total	Equip. Cost	Labor	Total
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	2	250.00		500.00	3,500.00	5,500.00	12,500.00	175.00		350.00	1,600.00	700.00	2,300.00	110.00		220.00
a powered, suspendable subwoofer system: JBL VRX 918sp or equivalent	2	350.00		700.00	3,500.00		7,000.00	175.00		350.00	125.00		125.00	110.00		220.00
Portable Self-Powered 15",Two-Way, Bass-Reflex Design: JBL 515 Eons or equivalent	4	200.00		800.00	50.00		200.00	75.00		300.00	300.00		300.00	55.00		220.00
16 channel digital mixing sound console: Yamaha LS9 - 16 w/case or equivalent	1	150.00		150.00	200.00		200.00	150.00		150.00	300.00		300.00	240.00		240.00
vocal microphone ie Shure SM 58 or equivalent	6	75.00		450.00	50.00		300.00		No Charge		120.00		120.00	8.00		48.00
instrument microphone : Shure SM 57or equivalent	5	35.00		175.00	50.00		250.00		No Charge		90.00		90.00	12.50		62.50
Cardioid Condenser Instrument Microphone: Shure PG 81 or equivalent	3	45.00		135.00	30.00		90.00		No Charge					20.00		60.00
Cardioid Dynamic Kick Drum Microphone: Shure PG 52 or equivalent	4	45.00		180.00	30.00		120.00		No Charge		80.00		80.00	12.00		48.00
Instrument Direct Box	5	50.00		250.00	20.00		100.00		No Charge		125.00		125.00	8.00		40.00
150' 32x10+10 ISO snake (+50 monitor split)	1	125.00		125.00	300.00		300.00	250.00		250.00	120.00		120.00	175.00		175.00
50' Snake 8x4	2	85.00		170.00	75.00		150.00		No Charge		50.00		50.00	40.00		80.00
Tripod boom stand	14	15.00		210.00	40.00		560.00		No Charge		280.00		280.00	8.00		112.00
Multiquip 25 kw generator	1	1,800.00	per day	3,600.00	750.00		750.00	850.00		850.00	800.00	300.00	1,100.00	350.00		350.00
RGBWA/UV remote DMX auto play sound activated stage lights	8	65.00		520.00	50.00		400.00	75.00		75.00	320.00		320.00			
Power distro system (Handcart)	1	500.00		500.00	100.00		100.00	150.00		150.00	175.00		175.00	125.00		125.00
Sellner MS2416 Mobile Stage or equivalent	1	6,500.00		6,500.00	3,500.00		3,500.00	2,500.00		2,500.00	4,500.00	1,000.00	5,500.00	3,520.00		3,250.00

rolls of 25' mic cable	8	25.00		200.00	5.00		40.00		Included							-
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.	1	1,500.00		1,500.00	1,000.00		1,000.00				200.00		200.00			
Generator and transportation	1	200.00	per day	400.00	1,000.00		1,000.00	500.00		500.00	300.00		300.00	(2) 130.00		260.00
Fuel	1	500.00	per day	1,000.00	300.00		300.00		Included			Included				
Audio Technician	1	800.00		1,600.00		450.00	450.00	650.00		650.00		700.00	700.00		60.00	600.00
Stagehand to setup and strike equipment				2,500.00												
				22,165.00			29,310.00			6,125.00			12,185.00			6,110.50
4 EVENTS TOTAL				**89,140.00**			**89,910.00**			**33,345.00**			**44,135.00**			**23,615.50**

I. Tab A - Representations and Certifications

GERSIL GROUP INC. *dba* SIGNATURE PRODUCTION SERVICES

spsav.com

info@spsav.com | 954 667 2313

May 28, 2025

VILLAGE OF KEY BISCAYNE

RFP # 2025-08

Dear Hiring Committee,

This letter expresses our interest in the Sound, Stage, Lighting Service Provider position with the Village of Key Biscayne. SPSAV possesses a strong background in the management, planning, and execution of a wide range of events, and we have cultivated robust skills that we believe directly align with your requirements for production services.

Our experience in coordinating diverse production elements has provided us with the ability to effectively manage logistics and ensure clear communication among all team members involved. We are dedicated to a service-oriented approach, prioritizing exceptional support for both indoor and outdoor programs that foster community engagement. We recognize the critical role of high- quality sound and lighting for creating memorable experiences; we are committed to excellence in every aspect of our service.

Our hands-on experience offers valuable insights into creating effective production environments, from selecting the right equipment to conducting pre-event needs assessments and adhering to budgets. We are enthusiastic about the possibility of supporting the Village of Key Biscayne's projects. Our commitment to outstanding service aligns with your mission, and we would welcome the opportunity to discuss how we can contribute to your future events.

Thank you for your consideration

Sincerely,

SPSAV

SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☐ Form 1: Response Checklist
- ☐ Form 2: Addendum Acknowledgment
- ☐ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - Form 3B: Certificate of Authority (for Individuals)
- ☐ Form 4: Proposer's Statement of Organization
- ☐ Form 5: References
- ☐ Form 6: Affidavits
  - Form 6A: Single Execution Affidavits
  - Form 6B: Independence Affidavit
  - Form 6C: Non-Collusion Affidavit
- ☐ Form 7: Drug Free Workplace
- ☐ Form 8: Certification to Accuracy of Proposal
- ☐ Form 9: Scrutinized Companies
- ☐ Form 10: Public Entity Crimes
- ☐ Form 11: Dispute Disclosure
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☐ A: Sample Contract

EXHIBITS

- ☐ A: Scope of Services
- ☐ B: Fee Schedule/Price Proposal
- ☐ C: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES
Solicitation No.:
RFP # 2025-08

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. ___1____, Dated _05/27/25_
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: GERSIL GROUP INC. dba Signature Production Services

Authorized Representative's Name: Silvia Cruz

Title: VP / Production Coordinator

Email: info@spsav.com

Phone Number: 954 667 2313

Address: 110 Lake Emerald Drive, Unit 408 Oakland Park FL 33309

Authorized Signature: _____

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of GERSIL GROUP INC. dba Signature Production Services a business existing under the laws of the State of Florida, (the "Entity") held on May 20, 2025, the following resolution was duly passed and adopted:

"RESOLVED, that, Silvia Cruz, as representative of the Entity, be and is hereby authorized to execute this Proposal dated June 4th, 2025, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this 4 th day of June, 2025.

Secretary: _____ President: _____

Print Name: German Currea Print Name: German Currea

(Seal)

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I, N/A ("Affiant") being first duly sworn, deposes and says:

1. I am the _____

   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: _____

   _____ doing

   business as _____, the

   Contractor that has submitted the attached Proposal.
2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.
3. I am authorized to execute the Proposal dated _____, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, will be the official act and deed of this attestation.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

ACKNOWLEDGMENT

State of Florida
County of _____

On this _____ day of _____, 20____, before me the undersigned, personally appeared _____, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   SIGNATURE PRODUCTION SERVICES

2. Principal Business Address, Phone and Email Address:
   110 Lake Emerald Drive Unit 408 Oakland Park FL. 33309
   786 312 8030 - 954 667 2313
   info@spsav.com

3. Principal Contact Person(s):
   Silvia Cruz
   German Currea

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
   Corporation
   A. If a corporation, in what state incorporated: FL
   B. Date Incorporated: October 2010
   C. Federal ID Number (EIN) 80-0649367
   D. If a joint Venture or Partnership, date of Agreement: not applicable
   E. Name and address of all partners (state whether general or limited partnership): not applicable
   F. If other than a corporation or partnership describe, organization and name of principals. not applicable

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Silvia Cruz	VP.
German Currea	P.

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFP Agreement. 15 yrs.

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	Signature Production Services	1340 Stirling Rd, Suite 10B, Dania Bch, FL, 33004	
B.			
C.			
D.			

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. Production Advancement
   B. Stage
   C. Sound

SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☐ Form 1: Response Checklist
- ☐ Form 2: Addendum Acknowledgment
- ☐ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - ▪ Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - ▪ Form 3B: Certificate of Authority (for Individuals)
- ☐ Form 4: Proposer's Statement of Organization
- ☐ Form 5: References
- ☐ Form 6: Affidavits
  - • Form 6A: Single Execution Affidavits
  - • Form 6B: Independence Affidavit
  - • Form 6C: Non-Collusion Affidavit
- ☐ Form 7: Drug Free Workplace
- ☐ Form 8: Certification to Accuracy of Proposal
- ☐ Form 9: Scrutinized Companies
- ☐ Form 10: Public Entity Crimes
- ☐ Form 11: Dispute Disclosure
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☐ A: Sample Contract

EXHIBITS

- ☐ A: Scope of Services
- ☐ B: Fee Schedule/Price Proposal
- ☐ C: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES
Solicitation No.:
RFP # 2025-08

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: Reflections Productions Inc

Authorized Representative's Name: Clarissa Rodriguez

Title: Operations Manager

Email: operations@reflectionsproductions.com

Phone Number: 786-504-2369

Address: 23750 SW 132nd Ave, Homestead, FL 33032

Authorized Signature: _____

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of Reflections Productions Inc a business existing under the laws of the State of Florida, (the "Entity") held on June 9th, 20 25, the following resolution was duly passed and adopted:

"RESOLVED, that, THOMAS G. MITCHELL, as PRESIDENT of the Entity, be and is hereby authorized to execute this Proposal dated 9TH of JUNE, 2025, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this _____ day of June 9th, 20 25.

Secretary: Patricia Fabiano

Print Name: _____

MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

(Seal)

President: Thomas G Mitchell

Print Name: _____

MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I, Thomas G Mitchell ("Affiant") being first duly sworn, deposes and says:

1. I am the President/CEO/Owner
   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: Reflections Productions Inc doing business as REFLECTIONS, the Contractor that has submitted the attached Proposal.
2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.
3. I am authorized to execute the Proposal dated June 10th, 2025, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, will be the official act and deed of this attestation.

In the presence of:

Witness #1 Print Name: Arturo Morejon

Witness #2 Print Name: Jamie Mitchell

Signed, sealed and delivered by:

Print Name: Thomas G Mitchell

Title: President/CEO

ACKNOWLEDGMENT

State of Florida
County of Miami-Dade

On this 9th day of June, 20 25, before me the undersigned, personally appeared Thomas G Mitchell, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

Michelle Babones-Wellman
Notary Public (Print, Stamp, or Type as Commissioned)

✓ Personally known to me; or
_____ Produced identification (Type of Identification: _____)
_____ Did take an oath; or
_____ Did not take an oath

MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   Thomas G Mitchell

2. Principal Business Address, Phone and Email Address:
   23750 Sw 132nd Ave, Homestead, FL 33032
   786-504-2369
   tom@reflectionsproductions.com

3. Principal Contact Person(s):
   Clarissa Rodriguez (Operations Manager)
   786-504-2369
   operations@reflectionsproductions.com

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):

   A. If a corporation, in what state incorporated: FLORIDA
   B. Date Incorporated: 6/28/77
   C. Federal ID Number (EIN) 59-1880542
   D. If a joint Venture or Partnership, date of Agreement: _____
   E. Name and address of all partners (state whether general or limited partnership): _____
   F. If other than a corporation or partnership describe, organization and name of principals. _____

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Thomas G Mitchell	President/CEO
Shaun Mitchell	Vice President
Patricia Fabiano	Secretary

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFP Agreement. 48

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.			
B.			
C.			
D.			

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. _____
   B. _____
   C. _____

D. _____

9. County or municipal business tax receipt number (attach copies):
   County: 279-253847
   Municipal: _____

10. Have you ever failed to complete any work awarded to you?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company: Progressive Products DBA APEX

Reference Contact Name: Jeff Hess

Contact Title: Director of Sales

Contact Telephone: 620-235-1712

Contact Email: jhess@progressiveproducts.com

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #2

Name of Company: JBL Harman

Reference Contact Name: Daniella Peters

Contact Title: _____

Contact Telephone: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #3

Name of Company: City of Hialeah

Reference Contact Name: Jorge Hernandez

Contact Title: Director of Special Events

Contact Telephone: 786-224-8813

Contact Email: jfhernandez@hialeahfl.gov

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #4

Name of Company: Village of Key Biscayne

Reference Contact Name: Todd HofferBerth

Contact Title: Director Parks & Recreation

Contact Telephone: 305 - 365 - 8947

Contact Email: thofferman@keybiscayne.fl.gov

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #5

Name of Company: Engage Live

Reference Contact Name: Ralph Licea

Contact Title: Director / Producer

Contact Telephone: 305 - 459 - 9968

Contact Email: rlicea@engagelive.com

Contract Start Date: _____ **Contract End Date:** _____

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Clarissa Rodriguez

For (Name of Proposing or Bidding Entity): Reflections Productions Inc

Whose business address is: 23750 Sw 132nd Ave, Homestead, FL 33032

And (if applicable) its Federal Employer Identification Number (FEIN) is: 59-1880542

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#:_____)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[ ] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime after July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime after July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

_____
Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

_____
Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade

County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this RFP at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this RFP is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this RFP at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this RFP. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFP # 2025-08 SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For the purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am THOMAS G. MITCHELL of REFLECTIONS PRODUCTIONS, INC., the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

NONE

Signature (Blue ink only)

THOMAS G. MITCHELL
Print Name

PRESIDENT
Title

6/9/25
Date

STATE OF Florida)
COUNTY OF Miami-Dade)
The foregoing instrument was acknowledged before me this 9th day of June, 2025
by Thomas G. Mitchell as President
(Name of person acknowledging) *(Title)*
for Reflections Productions Inc.
(Company name)
Personally known to me ✓ or has produced Identification _____, type of identification

produced_____.

(NOTARY SEAL HERE)

MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

SIGNATURE OF NOTARY PUBLIC

Michelle Babones-Wellman
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is THOMAS G. MITCHELL of REFLECTIONS PRODUCTIONS INC., proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFP is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

THOMAS G. MITCHELL
Print Name

PRESIDENT
Title

6/9/25
Date

STATE OF Florida)
COUNTY OF Miami-Dade)
The foregoing instrument was acknowledged before me this 9th day of June, 2025
by Thomas G. Mitchell as President
(Name of person acknowledging) *(Title)*
for Reflections Productions, Inc.
(Company name)
Personally known to me ✓ or has produced Identification _____, type of identification

produced_____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

Michelle Babones-Wellman
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that Reflections Productions Inc does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFP document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFP or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFP and the Agreement has taken place, and that the proposer is fully informed and understands the requirements of the RFP and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Thomas G Mitchell of Reflections Productions Inc. the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF Florida)
COUNTY OF Miami-Dade)
The foregoing instrument was acknowledged before me this 9th day of June, 2025
by Thomas G. Mitchell as President
(Name of person acknowledging) *(Title)*
for Reflections Productions Inc.
(Company name)
Personally known to me ✓ or has produced Identification _____, type of identification

produced_____.

(NOTARY SEAL HERE)

NOTARY PUBLIC STATE OF FLORIDA
MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

SIGNATURE OF NOTARY PUBLIC

Michelle Babones-Wellman
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

THOMAS G. MITCHELL

Print Name

PRESIDENT

Title

6/9/25

Date

STATE OF Florida)
COUNTY OF Miami-Dade)
The foregoing instrument was acknowledged before me this 9th day of June, 2025
by Thomas G. Mitchell as President
(Name of person acknowledging) *(Title)*
for Reflections Productions Inc.
(Company name)
Personally known to me ✓ or has produced Identification _____, type of identification

produced_____

(NOTARY SEAL HERE)

MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

SIGNATURE OF NOTARY PUBLIC

Michelle Babones-Wellman

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. RFP #2025-08

2. This sworn statement is submitted by: REFLECTIONS PRODUCTIONS INC. THOMAS MITCHELL
(name of entity submitting sworn statement)

whose business address is: 23750 SW 132 AVE
HOMESTEAD FL 33032

Federal Identification Number (FEIN) is: 59-1880542
(if applicable)

Social Security Number: 265-37-9357

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: THOMAS G. MITCHELL
(print name of individual signing this document)

and my relationship to the entity is: PRESIDENT

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
   (a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. ✓ Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime after July 1, 1989.

   b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

      1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

Signature (Blue ink only)

THOMAS G. MITCHELL
Print Name

PRESIDENT
Title

6/9/25
Date

STATE OF Florida)
COUNTY OF Miami-Dade
The foregoing instrument was acknowledged before me this 9th day of June, 2025
by Thomas G. Mitchell as President
(Name of person acknowledging) *(Title)*
for Reflections Productions Inc.
(Company name)
Personally known to me ✓ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

SIGNATURE OF NOTARY PUBLIC

Michelle Babones-Wellman
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No." If you answer "Yes," please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO ✓

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO ✓

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO ✓

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: REFLECTIONS PRODUCTIONS INC.

Authorized Signature: _____

Print or Type Name: THOMAS G. MITCHELL

Title: PRESIDENT

Date: 6/9/25

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract's general conditions. Failure to provide this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number

FORM 13 – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES

Proposal of REFLECTIONS PRODUCTIONS INC

(Name)

23750 SW 132 AVE, HOMESTEAD FL 33032

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.

The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.
***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. The failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No._____

Bidder's Occupational License No. _____

WITNESS:

_____ By: _____
Signature of Authorized Agent

_____

[SEAL] MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

ATTACHMENT A

SERVICES AGREEMENT BETWEEN THE VILLAGE OF KEY BISCAYNE AND NAME OF ENTITY

THIS AGREEMENT (this "Agreement") is made effective as of the 9th day of JUNE, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **NAME OF ENTITY**, a Florida [type of entity] (hereinafter, the "Consultant").

WHEREAS, the Village desires certain **SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES** and

WHEREAS, the Consultant will perform services on behalf of the Village, all as further set forth in the Proposal dated 6/9/25, 2025, attached hereto as Exhibit "A" (the "Services"); and

WHEREAS, the Consultant and Village, through mutual negotiation, have agreed upon a fee for the Services; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. **Scope of Services.**

   1.1. Consultant shall provide the Services set forth in the Proposal attached hereto as Exhibit "A" and incorporated herein by reference (the "Services").

   1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. **Term/Commencement Date.**

   2.1. The term of this Agreement shall be from the Effective Date through one (1) years thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for four (4) additional one (1) year periods on the same terms as set forth herein upon written notice to the Consultant.

   2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. **Compensation and Payment.**

SAMPLE

3.1. Compensation for Services provided by Consultant shall be in accordance with the Proposal attached hereto as Exhibit "A." Consultant shall be compensated a flat rate, lump sum fee in the amount of $XXXX.XX per month.

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in a delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village, and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

SAMPLE

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first-class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village,

naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverage shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply to all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 for each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. **Certificate of Insurance.** Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. **Additional Insured.** Except with respect to Professional Liability Insurance and Worker's Compensation Insurance, the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. **Deductibles.** All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. **Nondiscrimination.** During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. **Attorney's Fees and Waiver of Jury Trial.**

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. **Indemnification.**

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. **Notices/Authorized Representatives.** Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. **Governing Law and Venue**. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. **Entire Agreement/Modification/Amendment.**

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. **Ownership and Access to Records and Audits.**

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any or all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records:	**Jocelyn B. Koch**
Mailing address:	**88 West McIntyre Street**
	Key Biscayne, FL 33149
Telephone number:	**305-365-5506**
Email:	**jkoch@keybiscayne.fl.gov**

17. Nonassignability. This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. Severability. If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. Independent Contractor. The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. Compliance with Laws. The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **Public Entity Crimes Affidavit.** Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

25. **Counterparts.** This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. **Conflicts.** In the event of a conflict between the terms of this Agreement and any exhibits or attachments hereto, the terms of this Agreement shall control.

27. **E-Verify Affidavit.** In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Contractor acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

[Remainder of page intentionally left blank. Signature pages follow.]

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONTRACTOR

By: _____

Name: _____

Title: _____

Entity: **LEGAL NAME OF ENTITY**

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____ (email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____ (facsimile)
_____(email)

SAMPLE

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

Witness #1 Print Name: Clarissa Rodriguez

Witness #2 Print Name: Mario Gabriel Alvarez

Signed, sealed and delivered by:

Print Name: THOMAS G. MITCHELL

Title: PRESIDENT

Entity Name: REFLECTIONS PRODUCTIONS INC.

ACKNOWLEDGMENT

State of Florida

County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 9th day of June, 2025, by Thomas G. Mitchell (name of person) as President (type of authority) for Reflections productions inc. (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

✓ Personally known to me; or

_____ Produced identification (Type of Identification: _____)

✓ Did take an oath; or

_____ Did not take an oath

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.
2. I am an officer or representative of Reflections Productions Inc, a nongovernmental entity.
3. Reflections Productions Inc does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

Witness #1 Print Name: Clarissa Rodriguez

Witness #2 Print Name: Mario Gabriel Alvarez

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: THOMAS G. MITCHELL

Title: PRESIDENT

Entity Name: REFLECTIONS PRODUCTIONS INC.

OATH OR AFFIRMATION

State of Florida
County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 9th day of June, 2025, by Thomas G. Mitchell (name of person) as President (type of authority) for Reflections Productions Inc (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

✓ Personally known to me; or
____ Produced identification (Type of Identification: _____)
✓ Did take an oath; or
____ Did not take an oath

MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. Reflections Productions Inc ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Witness #1 Print Name: Clarissa Rodriguez

Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Thomas G. Mitchell

Title: President

Entity Name: Reflections Productions Inc.

OATH OR AFFIRMATION

State of Florida
County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 9th day of June, 2025, by Thomas G. Mitchell (name of person) as President (type of authority) for Reflections Productions Inc. (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

✓ Personally known to me; or
_____ Produced identification (Type of Identification: _____)
✓ Did take an oath; or
_____ Did not take an oath

NOTARY PUBLIC STATE OF FLORIDA
MICHELLE BABONES-WELLMAN
MY COMMISSION # HH 249441
EXPIRES: May 13, 2026

EXHIBIT A

SCOPE OF SERVICES

The Scope of Services are those contained in the Proposal Section 2. dated 6/9/, 2025, attached hereto and incorporated herein by reference.

EXHIBIT B

PROPOSAL SCHEDULE

SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES

NAME OF PROPOSER: Reflections Productions Inc In response to the Village's request for proposal and in compliance with the RFP requirements, the undersigned proposer to provide all services, supervision, coordination, related incidentals necessary to provide **Sound, Stage, Lighting and Equipment Rental Services** for the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated 6/9/25 including Addenda numbered _____ through _____, inclusive, for an all-inclusive Base Bid for **Sound, Stage, Lighting and Equipment Rental Services** includes all incidental costs.

The Contractor understands and agrees that the prices submitted are for the services as indicated in the Scope of Service, including but not limited to all related expenses.

4TH OF JULY

Service	Quantity	Equipment Cost	Labor	Total
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	1	110		110
Wireless mics (2) and reciever: Shure ULX S4 and Shure SM58 or equivalent	1	60		60
Instrument Direct Box	2	8		16
Computer laptop system with CD player	1	75		75
FM reciever with hp antenna				
Rolls of 25' mic cable	4	0		0
Tripod boom stands	4	8		32
Crank up tripod stands	4	38		152
Power distro system (handcart)	2	125		250
L1420-5 quad stringer 125/250v 120'	4	35		~~20~~ 140
L1420-5 house whip 125/250v 150'	2	30		60
L1420 Extension 125/250v 120'	2	10		20
Multiquip 125 kw generator	1	795		795
25' black 12/3 extension cord with triple tap	10	8		80
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.				
Generator and transportation	2	130		260
Fuel				
Audio Technician	1	~~60/hr~~	60/hr	60/600/day

LIGHTHOUSE RUN

Service	Quantity	Equipment Cost	Labor	Total
Stagehand and/or stage engineer to set up, strike all equipment, and DJ event.	1		SH - 45/h SE2 - 50/h	450/day 500/day
Apex 2016 Stage or comparable no less than 16' by 24' with roof	1	1995		1995
Banner backdrop to stage	1	400		400
Power including 25kw generator, power distribution system (Handcart), and 100' 6/4 2X50 125/250v extension	1	400		~~400~~ 400
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	2	220		220
a powered, suspendable subwoofer system: JBL VRX 918sp or equivalent	2	110		220
Portable Self-Powered 15", Two-Way, Bass-Reflex Design: JBL 515 Eons or equivalent	2	55		110
16 channel digital mixing sound console: Yamaha LS9 - 16 w/case or equivalent	1	240		240
Instrument Direct Box	1	8		8
vocal microphone i.e. Shure SM 58 or equivalent	3	8		24
Shure ulxs4 wireless microphone with pelican case or equivalent	1	60		60
25' mic cables	2	0		0
25' black 12/3 extension cord with triple tap	6	8		80
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.				
Generator and stage transportation	2	130		260
Fuel				

WINTERFEST

Service	Quantity	Equipment Cost	Labor/Hour	Labor Total	Total
VRX system	1	1242			1242
Digital mixer Yamaha LS9-32 or equivalent	1	400			400
Digital bodypack transmitter Shure ULXD1 or equivalent	1	85			
Chain hoist 1/2 ton 20'	2	94			188
Stage monitor speaker	1	400			
Drum mic package	1	70			80
10x10 tent for equipment	1	80			
RGBWA/UV remote DMX auto play sound activated stage lights	8				
QuickQ 20 lighting controller or equivalent	1	170			170
Apex 3224 mobile stage or equivalent stage with a minimum stage size of 32' long and 23'8" wide and a minimum height of 12'	1	3600			3600
DMX control cable 50'	1	2			2
6 snow machines with xtra dry juice (40' outdoor) and the required power from a generator suspended on an 10' high truss system	1 complete system	100 per machine + ice			600
Power distrobution system (Handcart)	1	125			125
Multiquip 25 kw generator	2	350			700
100' 6/4 2x50 125/250v extension	3	40			120
50' 6/4/ 2x50 125/250v extension	2	12			48
50 Amp distrobution box with 50 twists / 6 GFI	3	160			480
25' 12/3 extension cord with triple tap	16	8			128
50' 13/3 extension cord with triple tap	4	40			120
Audio Technician	1	60/hr			600/day
Electrician	1	50/hr			500/day
Stage Manager	1	42/hr			420/day
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.					
Generator and stage transportation	2	130			260
Fuel					

CONCERT

Service	Quantity	Equipment Cost	Labor	Total
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	2	110		220
a powered, suspendable subwoofer system: JBL VRX 918sp or equivalent	2	110		220
Portable Self-Powered 15",Two-Way, Bass-Reflex Design: JBL 515 Eons or equivalent	4	55		220
16 channel digital mixing sound console: Yamaha LS9 - 16 w/case or equivalent	1	240		240
vocal microphone ie Shure SM 58 or equivalent	6	8		48
instrument microphone : Shure SM 57or equivalent	5	12.5		62.50
Cardioid Condenser Instrument Microphone: Shure PG 81 or equivalent	3	20		60
Cardioid Dynamic Kick Drum Microphone: Shure PG 52 or equivalent	4	12		48
Instrument Direct Box	5	8		40
150' 32x10+10 ISO snake (+50 monitor split)	1	175		175
50' Snake 8x4	2	40		80
Tripod boom stand	14	8		112
Multiquip 25 kw generator	1	350		350
RGBWA/UV remote DMX auto play sound activated stage lights	8			
Power distro system (Handcart)	1	125		125
Sellner MS2416 Mobile Stage or equivalent	1	3,250		3250
rolls of 25' mic cable	8	0		0
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.				
Generator and transportation	2	130		260
Fuel				
Audio Technician	1	60/hr		600/day

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Proposer is familiar with the nature and extent of the services and any local conditions or criteria dictated in the RFP .

The undersigned Proposer agrees to provide all services called for by the RFP Documents.

The undersigned Proposer agrees to furnish all materials, equipment, and labor and to perform all services in accordance with the Contract Documents for: **Sound, Stage, Lighting and Equipment Rental Services** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: REFLECTIONS PRODUCTIONS INC

Bidder's Name: THOMAS G. MITCHELL

Bidder's Email: TOM@REFLECTIONSPRODUCTIONS.COM

Bidder's Title: PRESIDENT

Bidder's Signature:

EXHIBIT C

CERTIFICATE OF INSURANCE

ATTACHMENT D

PERFORMANCE EVALUATION

REFLPRO-01 CSRCL1

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 6/9/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Maria Fisk
International Insurance Center Inc 7990 SW 117 Ave Suite 209 Miami, FL 33183	PHONE (A/C, No, Ext): (786) 628-1324 FAX (A/C, No): (305) 279-4045 E-MAIL ADDRESS: maria@iic.cc

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Atlantic Specialty Ins Co	27154
INSURER B : Mercury Insurance Group	11202
INSURER C : OBI National Insurance Company	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED

Reflections Productions Inc.
23750 SW 132nd Ave.
Miami, FL 33032

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY			8750009560000	12/23/2024	12/23/2025	EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 500,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	X POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:							$
B	AUTOMOBILE LIABILITY			BA090000013742	2/5/2025	2/5/2026	COMBINED SINGLE LIMIT (Ea accident)	$ 300,000
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY X SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N			4060476570004	4/7/2025	4/7/2026	X PER STATUTE OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N / A					E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street,
Suite 220
Key Biscayne, FL 33149

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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From: operations@reflectionsproductions.com
To: Daren Jairam
Cc: Todd Hofferberth
Subject: Bid Submission Failed
Date: Tuesday, June 10, 2025 11:34:01 AM
Attachments: Outlook-hdhhxyn1.png
Bid Proposal - Reflections Productions .pdf

CAUTION: This email originated from outside of **our organization**. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Daren!

I was trying to submit the bid proposal but it has closed on me and I was going to upload.
Please see bid attached and let me know if there is anything else you need or if I Can submit through the portal.
We have worked with Village of Key Biscayne for many years, and would love to continue to do these shows we know and love.

Feel free to call me if you have any other questions!!

Thank you!



Clarissa Rodriguez
Operations Manager
operations@reflectionsproductions.com

Reflections Productions Inc.
23750 SW 132nd Ave.
Homestead, FL 33032
(786)-504-2369
www.reflectionsproductions.com

D. Lights

9. County or municipal business tax receipt number (attach copies):
   County: Broward
   Municipal: _____

10. Have you ever failed to complete any work awarded to you?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest?
Yes ___ **No** X **If yes, attach a separate sheet of explanation.**

22. Have you made a site visit? X Yes, _____ No

23. How soon after the award can you begin work? 10 Days.

24. List any licenses, permits or certifications, etc., you hold for performing this type of work:

_____

_____

_____

25. **How did you hear about the RFP?** Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. Village's website

Signature (Blue ink only)

Silvia Cruz
Print Name

VP
Title

06/04/25
Date

STATE OF Florida)
COUNTY OF Miami-Dade)
The foregoing instrument was acknowledged before me this 4th day of June, 2025
by Silvia Paola Cruz Aubino as Vice President
(Name of person acknowledging) *(Title)*
for Gersol Group Inc DBA Signature Production Services
(Company name)
Personally known to me _____ or has produced Identification ✓, type of identification
produced FL DL C625-795-82-828-0

(NOTARY SEAL HERE) by means of physical presence.

SIGNATURE OF NOTARY PUBLIC

Paula Kleiber
PRINT, TYPE/STAMP NAME OF NOTARY

NOTARY PUBLIC STATE OF FLORIDA
PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company: City of Hollywood / Parks and Recreation and Cultural Arts

Reference Contact Name: Nathalie Joyner

Contact Title: Program and Events Manager

Contact Telephone: (954) 921 3907

Contact Email: NJoyner@hollywoodfl.org

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #2

Name of Company: South Beach Jazz festival

Reference Contact Name: Lori Bakkum

Contact Title: Executive Director

Contact Telephone: (305) 322 6385

Contact Email: LFBakkum@gmail.com

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #3

Name of Company: Salsa Festival International

Reference Contact Name: Melina Almodovar

Contact Title: Salsa Music Artist / Producer & Event Production

Contact Telephone: (305) 321 1087

Contact Email: melinasalsa@gmail.com

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #4

Name of Company: Eleven:11 Entertainment, Inc.

Reference Contact Name: Melanie Masterson

Contact Title: Artist Manager

Contact Telephone: (305) 582 8973

Contact Email: eleven11melanie@gmail.com

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #5

Name of Company: The Rhythm Foundation

Reference Contact Name: Laura Quinlan

Contact Title: Program Director

Contact Telephone: (305) 710 3934

Contact Email: laura@rhythmfoundation.com

Contract Start Date: _____ **Contract End Date:** _____

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Silvia Cruz

For (Name of Proposing or Bidding Entity): Signature Production Services

Whose business address is: 110 Lake Emerald Drive Unit 408 Oakland Park FL 33309

And (if applicable) its Federal Employer Identification Number (FEIN) is: 80-0649367

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#:)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

SC
Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[X] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime after July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime after July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

SC
Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

SC
Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade

County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

SC
Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

SC
Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this RFP at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this RFP is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this RFP at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this RFP. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

SC
Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFP # 2025-08 SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

SC
Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For the purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

SC
Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Witness #1 Print Name: Ashley Garcia Mayo

Witness #2 Print Name:

Signed, sealed and delivered by:

Print Name: Silvia Cruz

Title: VP

ACKNOWLEDGMENT

State of Florida

County of Miami Dade

On this 4th day of June, 2025, before me the undersigned, personally appeared Silvia Paola Cruz Aching, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal: by means of physical presence

NOTARY PUBLIC STATE OF FLORIDA

PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or

✓ Produced identification (Type of Identification: FL DL C625-795-82-828-0)

✓ Did take an oath; or

_____ Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am representative of Signature Production Services the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

Signature (Blue ink only)

Silvia Cruz

Print Name

VP.

Title

6/4/25

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 4th day of June, 2025
by Silvia Paola Cruz Aubing as V.P.
(Name of person acknowledging) (Title)
for Bersol Group Inc dba Signature Production Services
(Company name)
Personally known to me _____ or has produced Identification ✓, type of identification
produced FL DL C625-795-82-828-0

(NOTARY SEAL HERE) by means of physical presence

SIGNATURE OF NOTARY PUBLIC

Paula Kleiber

PRINT, TYPE/STAMP NAME OF NOTARY

NOTARY PUBLIC STATE OF FLORIDA

PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is representative of Signature Production Services, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFP is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

Silvia Cruz

Print Name

VP.

Title

6/4/25

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 4th day of June, 2025
by Silvia Paola Cruz Ashing as V.P.
(Name of person acknowledging) (Title)
for Bersil Group Inc dba Signature Production Service
(Company name)

Personally known to me _____ or has produced Identification ✓, type of identification produced FLDL C625-795-82-828-0

(NOTARY SEAL HERE) by means of physical presence

SIGNATURE OF NOTARY PUBLIC

Paula Kleiber

PRINT, TYPE/STAMP NAME OF NOTARY

NOTARY PUBLIC STATE OF FLORIDA

PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that Signature Production Services does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFP document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFP or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

Silvia Cruz

Print Name

VP.

Title

6/4/25

Date

STATE OF Florida)

COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 4th day of June, 2025

by Silvia Paola Cruz Authing as V.P.

(Name of person acknowledging) *(Title)*

for Gersal Group Inc dba Signature Production Service

(Company name)

Personally known to me _____ or has produced Identification ✓, type of identification produced FL DL 625-795-82-828-0.

(NOTARY SEAL HERE) By means of physical presence

SIGNATURE OF NOTARY PUBLIC

Paula Kleiber

PRINT, TYPE/STAMP NAME OF NOTARY

NOTARY PUBLIC STATE OF FLORIDA

PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFP and the Agreement has taken place, and that the proposer is fully informed and understands the requirements of the RFP and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is vice president of Gersil Group Inc dba. Signature Prod. Document the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF FLORIDA)
COUNTY OF Miami-Dade)
The foregoing instrument was acknowledged before me this 4th day of June, 2025
by Silvia Paola Cruz Authing as V.P.
(Name of person acknowledging) *(Title)*
for Gersil Group Inc dba Signature Production Services
(Company name)
Personally known to me _____ or has produced Identification ✓, type of identification produced FL DL C625-795-82-828-0.

(NOTARY SEAL HERE) by means of physical presence

SIGNATURE OF NOTARY PUBLIC

PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

Paula Kleiber
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

Silvia Cruz

Print Name

VP

Title

6/4/25

Date

STATE OF Florida)
COUNTY OF Miami-Dade)
The foregoing instrument was acknowledged before me this 4th day of June, 2025
by Silvia Paola Cruz Authing as V.P.
(Name of person acknowledging) *(Title)*
for Gersol Group Inc dba Signature Production Services
(Company name)
Personally known to me _____ or has produced Identification ✓, type of identification
produced FL DL C625-795-82-828-0.
by Means of physical presence

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

PAULA KLEIBER

PRINT, TYPE/STAMP NAME OF NOTARY

NOTARY PUBLIC STATE OF FLORIDA

PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. RFP # 2025-08

2. This sworn statement is submitted by: Signature Production Services
(name of entity submitting sworn statement)

whose business address is: 110 Lake Emerald Drive Unit 408

Oakland Park FL 33309

_____

Federal Identification Number (FEIN) is: 80-0649367

(if applicable)

Social Security Number: _____

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: Silvia Cruz

(print name of individual signing this document)

and my relationship to the entity is: VP & Production Coord.

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:

(a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. _X_ Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime after July 1, 1989.

   b. ____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

      1) ____ There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____ The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

Signature (Blue ink only)

Silvia Cruz

Print Name

VP

Title

6/4/25

Date

STATE OF Florida)
COUNTY OF Miami-Dade)
The foregoing instrument was acknowledged before me this 4th day of June, 2025
by Silvia Paola Cruz Alvarez as V.P.
(Name of person acknowledging) *(Title)*
for Geesil Group Inc dba Signature Productions Services
(Company name)
Personally known to me ____ or has produced Identification ✓, type of identification produced FL DL C625-795-82-828-0

(NOTARY SEAL HERE) by means of physical presence

SIGNATURE OF NOTARY PUBLIC

Paula Kleiber

PRINT, TYPE/STAMP NAME OF NOTARY

NOTARY PUBLIC STATE OF FLORIDA
PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No." If you answer "Yes," please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO X

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO X

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO X

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: Signature Production Services

Authorized Signature: 

Print or Type Name: Silvia Cruz

Title: VP

Date: 6/4/25

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract's general conditions. Failure to provide this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
	N/A		

FORM 13 – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES

Proposal of Signature Production Services

(Name)

110 Lake Emerald Drive Unit 408 Oakland Park FL 33309

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.

The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.
***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. The failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No._____

Bidder's Occupational License No. _____

WITNESS:

Ashley Garcia-Maya

By: _____
Signature of Authorized Agent

[SEAL]

I. Tab A - Representations and Certifications

STATEMENT OF FINANCIAL STABILITY

Form **8879-CORP**
(December 2022)
Department of the Treasury
Internal Revenue Service

E-file Authorization for Corporations

For calendar year 20 23 , or tax year beginning _____ , 20 ____ , ending _____ , 20 ____

Do not send to the IRS. Keep for your records.
Go to *www.irs.gov/Form8879CORP* for the latest information.

OMB No. 1545-0123

Name of corporation	Employer identification number
GERSIL GROUP INC	80-0649367

Part I Information (Whole dollars only)

1	Total income (Form 1120, line 11)	1	0
2	Total income (Form 1120-F, Section II, line 11)	2	0
3	Total income (loss) (Form 1120-S, line 6)	3	573,916

Part II Declaration and Signature Authorization of Officer. Be sure to get a copy of the corporation's return.

Under penalties of perjury, I declare that I am an officer of the above corporation and that I have examined a copy of the corporation's electronic income tax return and accompanying schedules and statements, and to the best of my knowledge and belief, they are true, correct, and complete. I further declare that the amounts in Part I above are the amounts shown on the copy of the corporation's electronic income tax return. I consent to allow my electronic return originator (ERO), transmitter, or intermediate service provider to send the corporation's return to the IRS and to receive from the IRS **(a)** an acknowledgment of receipt or reason for rejection of the transmission, **(b)** the reason for any delay in processing the return or refund, and **(c)** the date of any refund. If applicable, I authorize the U.S. Treasury and its designated Financial Agent to initiate an electronic funds withdrawal (direct debit) entry to the financial institution account indicated in the tax preparation software for payment of the corporation's federal taxes owed on this return, and the financial institution to debit the entry to this account. To revoke a payment, I must contact the U.S. Treasury Financial Agent at **1-888-353-4537** no later than 2 business days prior to the payment (settlement) date. I also authorize the financial institutions involved in the processing of the electronic payment of taxes to receive confidential information necessary to answer inquiries and resolve issues related to the payment. I have selected a personal identification number (PIN) as my signature for the corporation's electronic income tax return and, if applicable, the corporation's consent to electronic funds withdrawal.

Officer's PIN: check one box only

☒ I authorize BRAVO ACCOUNTING SERVICES INC (**ERO firm name**) to enter my PIN 80064 (**do not enter all zeros**) as my signature on the corporation's electronically filed income tax return.

☐ As an officer of the corporation, I will enter my PIN as my signature on the corporation's electronically filed income tax return.

Officer's signature German Correa Date 3/11/2024 Title PRESIDENT

Part III Certification and Authentication

ERO's EFIN/PIN. Enter your six-digit EFIN followed by your five-digit self-selected PIN. 65450518722 (**do not enter all zeros**)

I certify that the above numeric entry is my PIN, which is my signature on the electronically filed income tax return for the corporation indicated above. I confirm that I am submitting this return in accordance with the requirements of **Pub. 3112**, IRS *e-file* Application and Participation, and **Pub. 4163**, Modernized e-File (MeF) Information for Authorized IRS *e-file* Providers for Business Returns.

ERO's signature ADA F BRAVO Date 3/11/2024

ERO Must Retain This Form — See Instructions
Do Not Submit This Form to the IRS Unless Requested To Do So

For Paperwork Reduction Act Notice, see instructions. Form **8879-CORP** (12-2022)
HTA

eversign Document Hash: 6f7d9fe4ecfa4a64a116b8b6e3196498

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☒ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

Witness #1 Print Name: Ashley Garcia Mayo

Witness #2 Print Name:

Signed, sealed and delivered by:

Print Name: Silvia Cruz

Title: VP

Entity Name: Gersil Group Inc dba Signature Prod. Services

ACKNOWLEDGMENT

State of Florida

County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 4th day of June, 2025, by Silvia Paola Cruz Auhing (name of person) as V.P. (type of authority) for Gersil Group Inc dba Signature Production Services (name of party on behalf of whom instrument is executed).

PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or

✓ Produced identification (Type of Identification: FL DL C625-795-82-828-0

✓ Did take an oath; or

_____ Did not take an oath

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.
2. I am an officer or representative of Gersil Group Inc Signature Prod. Services, a nongovernmental entity.
3. Gersil Group Inc does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

Witness #1 Print Name: Ashley Garcia Maya

Witness #2 Print Name:

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Silvia Cruz

Title: VP.

Entity Name: GERSIL GROUP Inc dba Signature Prod. Services

OATH OR AFFIRMATION

State of Florida
County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 4th day of JUNE, 20 25, by Silvia Paola Cruz Auhing (name of person) as V.P. (type of authority) for Gersil Group Inc dba Signature Production Services (name of party on behalf of whom instrument is executed).

PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or

✓ Produced identification (Type of Identification: FL DL C625-795-82-828-0

✓ Did take an oath; or

_____ Did not take an oath

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. GERSIL Group Inc dba Signature Prod. Services ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Witness #1 Print Name: Ashley Garcia Mayer

Witness #2 Print Name:

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Silvia Cruz

Title: VP

Entity Name: GERSIL Group Inc dba Signature Prod. Services

OATH OR AFFIRMATION

State of Florida
County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 4th day of June, 2025, by Silvia Paola Cruz Aunos (name of person) as V.P. (type of authority) for Gersil Group Inc dba Signature Production Services (name of party on behalf of whom instrument is executed).

PAULA KLEIBER
Commission # HH 334543
Expires November 21, 2026

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
✓ Produced identification (Type of Identification: FL DL C625-795-82-828-0
✓ Did take an oath; or
_____ Did not take an oath

EXHIBIT B

PROPOSAL SCHEDULE

SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES

NAME OF PROPOSER: Signature Productions Services / Silvia Cruz In response to the Village's request for proposal and in compliance with the RFP requirements, the undersigned proposer to provide all services, supervision, coordination, related incidentals necessary to provide **Sound, Stage, Lighting and Equipment Rental Services** for the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated 06/04/25 including Addenda numbered 1 through _____, inclusive, for an all-inclusive Base Bid for **Sound, Stage, Lighting and Equipment Rental Services** includes all incidental costs.

The Contractor understands and agrees that the prices submitted are for the services as indicated in the Scope of Service, including but not limited to all related expenses.

4TH OF JULY

Service	Quantity	Equipment Cost	Labor	Total
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent *with Subs*	1	$2,300.00	$ 700.00	$3,000.00
Wireless mics (2) and reciever: Shure ULX S4 and Shure SM58 or equivalent	1	$ 250.00	N/A	$ 250.00
Instrument Direct Box	2	INCLUSIVE		INCLUSIVE
Computer laptop system with CD player	1	NO CHARGE		NO CHARGE
FM reciever with hp antenna		INCLUSIVE		INCLUSIVE
Rolls of 25' mic cable	4	INCLUSIVE		INCLUSIVE
Tripod boom stands	4	NO CHARGE		NO CHARGE
Crank up tripod stands	4	$ 250.00 /	$150.00	$ 800.00
Power distro system (handcart)	2	$ 150.00		$ 150.00 *
L1420-5 quad stringer 125/250v 120'	4	INCLUSIVE		INCLUSIVE
L1420-5 house whip 125/250v 150'	2	INCLUSIVE		INCLUSIVE
L1420 Extension 125/250v 120'	2	INCLUSIVE		INCLUSIVE
Multiquip 125 kw generator	1	$1,500.00		$1,500.00
25' black 12/3 extension cord with triple tap	10	INCLUSIVE		INCLUSIVE
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.		INCLUSIVE		INCLUSIVE
Generator and transportation		$ 500.00		$ 500.00
Fuel		TBD		TBD
Audio Technician		$ 650.00		$ 650.00

LIGHTHOUSE RUN

Service	Quantity	Equipment Cost	Labor	Total
Stagehand and/or stage engineer to set up, strike all equipment, and DJ event.	1		$ 650.00	$ 650.00
Apex 2016 Stage or comparable no less than 16' by 24' with roof	1	$2,500.00		$2,500.00
Banner backdrop to stage	1			TBA
Power including 25kw generator, power distribution system (Handcart), and 100' 6/4 2X50 125/250v extension	1	$1,300.00	$ 700.00	$2,000.00
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	2	$ 175.00		$ 350.00
a powered, suspendable subwoofer system: JBL VRX 918sp or equivalent	2	$ 175.00		$ 350.00
Portable Self-Powered 15”, Two-Way, Bass-Reflex Design: JBL 515 Eons or equivalent	2	$ 75.00		$ 150.00
16 channel digital mixing sound console: Yamaha LS9 - 16 w/case or equivalent	1	$ 125.00		$ 125.00
Instrument Direct Box	1	NO CHARGE		NO CHARGE
vocal microphone i.e. Shure SM 58 or equivalent	3	NO CHARGE		NO CHARGE
Shure ulxs4 wireless microphone with pelican case or equivalent	1	$ 150.00		$ 150.00
25' mic cables	2	INCLUSIVE		INCLUSIVE
25' black 12/3 extension cord with triple tap	6	INCLUSIVE		INCLUSIVE
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.				
Generator and stage transportation		$ 500.00		$ 500.00
Fuel		INCLUSIVE		INCLUSIVE

WINTERFEST

Service	Quantity	Equipment Cost	Labor/Hour	Labor Total	Total
VRX system	1	$2,300.00		$ 700.00	$3,000.00
Digital mixer Yamaha LS9-32 or equivalent	1	$ 150.00			$ 150.00
Digital bodypack transmitter Shure ULXD1 or equivalent	1	$ 150.00			$ 150.00
Chain hoist 1/2 ton 20'	2	$ 95.00			$ 190.00
Stage monitor speaker	1	$ 75.00			$ 75.00
Drum mic package	1	NO CHARGE			NO CHARGE
10x10 tent for equipment	1	INCLUSIVE			INCLUSIVE
RGBWA/UV remote DMX auto play sound activated stage lights	8	$ 75.00			$ 600.00
QuickQ 20 lighting controller or equivalent	1	$ 150.00			$ 150.00
Apex 3224 mobile stage or equivalent stage with a minimum stage size of 32' long and 23'8" wide and a minimum height of 12'	1	$3,700.00	$175.00 IN $175.00 OUT 2 PP	$ 700.00	$4,400.00
DMX control cable 50'		INCLUSIVE			INCLUSIVE
6 snow machines with xtra dry juice (40' outdoor) and the required power from a generator suspended on an 10' high truss system	1 complete system	TBA			TBA
Power distrobution system (Handcart)	1	$ 150.00			$ 150.00
Multiquip 25 kw generator	2	$ 850.00			$1,700.00
100' 6/4 2x50 125/250v extension	3	NO CHARGE			NO CHARGE
50' 6/4/ 2x50 125/250v extension	2	NO CHARGE			NO CHARGE
50 Amp distrobution box with 50 twists / 6 GFI	3	$ 50.00			$ 150.00
25' 12/3 extension cord with triple tap	16	$ 25.00			$ 400.00
50' 13/3 extension cord with triple tap	4	$ 45.00			$ 180.00
Audio Technician		$ 650.00			$ 650.00
Electrician		$ 650.00			$ 650.00
Stage Manager		$ 500.00			$ 500.00
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.					
Generator and stage transportation		$ 500.00			$ 500.00
Fuel		TBD			TBD

CONCERT

Service	Quantity	Equipment Cost	Labor	Total
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	2	$ 175.00		$ 350.00
a powered, suspendable subwoofer system: JBL VRX 918sp or equivalent	2	$ 175.00		$ 350.00
Portable Self-Powered 15",Two-Way, Bass-Reflex Design: JBL 515 Eons or equivalent	4	$ 75.00		$ 300.00
16 channel digital mixing sound console: Yamaha LS9 - 16 w/case or equivalent *32 Channels*	1	$ 150.00		$ 150.00
vocal microphone ie Shure SM 58 or equivalent	6	NO CHARGE		NO CHARGE
instrument microphone : Shure SM 57or equivalent	5	NO CHARGE		NO CHARGE
Cardioid Condenser Instrument Microphone: Shure PG 81 or equivalent	3	NO CHARGE		NO CHARGE
Cardioid Dynamic Kick Drum Microphone: Shure PG 52 or equivalent	4	NO CHARGE		NO CHARGE
Instrument Direct Box	5	NO CHARGE		NO CHARGE
150' 32x10+10 ISO snake (+50 monitor split)	1	$ 250.00		$ 250.00
50' Snake 8x4	2	NO CHARGE		NO CHARGE
Tripod boom stand	14	NO CHARGE		NO CHARGE
Multiquip 25 kw generator	1	$ 850.00		$ 850.00
RGBWA/UV remote DMX auto play sound activated stage lights	8	$ 75.00		$ 600.00
Power distro system (Handcart)	1	$ 150.00		$ 150.00
Sellner MS2416 Mobile Stage or equivalent	1	$2,500.00		$2,500.00
rolls of 25' mic cable	8	INCLUSIVE		INCLUSIVE
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.				
Generator and transportation		$ 500.00		$ 500.00
Fuel		INCLUSIVE		INCLUSIVE
Audio Technician		$ 650.00		$ 650.00

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Proposer is familiar with the nature and extent of the services and any local conditions or criteria dictated in the RFP .

The undersigned Proposer agrees to provide all services called for by the RFP Documents.

The undersigned Proposer agrees to furnish all materials, equipment, and labor and to perform all services in accordance with the Contract Documents for: **Sound, Stage, Lighting and Equipment Rental Services** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: GERSIL GROUP INC. dba. Signature Production Services

Bidder's Name: Silvia Cruz

Bidder's Email: info@spsav.com

Bidder's Title: VP & Production Coordinator

Bidder's Signature: 

II. Tab B - Executive Summany

GERSIL GROUP INC.

dba. Signature Production Services

spsav.com

RFP # 2025-08

PROPOSAL FOR SOUND, STAGE, LIGHTING

AND EQUIPMENT RENTAL SERVICES

Submitted to

THE VILLAGE OF KEY BISCAYNE

88 West McIntyre Street, Key Biscayne, Florida 33149

May 28, 2025

II. Tab B - Executive Summany

TABLE OF CONTENTS

SECTION 1 - 43

Executive Summary: This summary provides a high-level description of Signature Production Services ability to meet the requirements of the RFP and a statement describing why we believe to be best qualified to provide the identified services.

SECTION 2 - 44

Deliverables, tasks, activities, etc. as outlined in the Scope of Services.

SECTION 3 - 45

Exceptions to this RFP.

II. Tab B - Executive Summany

SECTION 1 - EXECUTIVE SUMMARY

Signature Production Services is a dedicated event production partner, specializing in crafting flawless events through our extensive inventory of equipment and the expertise of our seasoned professionals.

For the past 15 years, our operational approach has been structured around robust protocols designed to guarantee the success of every event we handle. We begin by conducting thorough site surveys to gain a comprehensive understanding of each event's location. This allows us to determine the most suitable equipment and its optimal deployment for your specific needs. Furthermore, we proactively manage all technical requirements in advance and create a clear, detailed schedule, ensuring you remain well-informed throughout the entire process, including the setup on the day of your event. We place great emphasis on fully grasping your vision and objectives for the event to ensure we deliver precisely what you envision.

Our commitment is to provide efficient, dependable, and professional services, ultimately leading to the best possible outcomes for your event. Our passion for quality and client satisfaction drives us to deliver outstanding live audio experiences for events of all scales.

Sincerely,

SPSAV

SECTION 2 - DELIVERABLES, TASKS, ACTIVITIES as per Scope of Services

At Signature Production Services, we pride ourselves on delivering high-quality service and equipment rental tailored to the unique needs and technical specifications of your event. Our expertise encompasses a comprehensive range of services, including audio, stage, and lighting solutions. When you partner with us, you can expect a thorough and detail-oriented approach to your event. Our process includes:

* Conducting a comprehensive site inspection.

* Providing detailed technical drawings if needed.

* Determining the most suitable equipment and stage size to align with your event's program.

* Assessing labor requirements and ensuring efficient equipment deployment.

* Leveraging our production leads' with knowledge of OSHA regulations to guarantee a safe working environment.

We understand the importance of workplace safety and adhere to OSHA standards, which are designed to protect employees through guidelines covering areas such as hazardous chemical exposure, personal protective equipment, and fall prevention.

Signature Production Services is dedicated to providing every event with a qualified and experienced team that matches your specific requirements. Our team includes skilled professionals such as audio engineers, lighting designers, systems technicians, and production and labor leads who oversee all aspects of the operation from start to finish.

SECTION 3 - EXCEPTIONS TO THIS RFP

Not requested on this RFP, and therefore not included

- LED WALL

- BACKLINE

- SNOW MACHINES

III. Tab C - Qualifications and Experience

1. QUALIFICATIONS

a. Qualification of Firm

Signature Production Services has been providing excellent service for both indoor and outdoor events for over 15 years. We adhere to professional protocols and ensure all our equipment meets high industry quality standards.

b. Qualification of Staff

Our team members each have at least seven years of experience in the live event industry. They possess a comprehensive understanding of the technical elements of live shows and are known for their strong work ethic, professionalism, and positive approach.

c. Industry Knowledge and Expertise

We have a diverse clientele, including individuals, promoters, and both private and non-profit organizations. Our team is well-versed in theater and venue union protocols. Additionally, we have the expertise to evaluate outdoor spaces, taking into consideration requirements such as power distribution and ground leveling to ensure stable and secure setups.

d. Project Management and Special Services pertinent to this Solicitacion; and Past Performance

Signature Production Services has a long-standing history of providing excellent service to the South Florida community. We have a proven track record of successful collaborations with prominent venues such as The Olympia Theater and the Miami Beach Bandshell, where we've delivered top-notch gear and production services.

Our experienced team possesses a deep understanding of the unique production requirements for both indoor and outdoor spaces. Furthermore, several of our key personnel bring valuable experience from the live touring industry, equipping them with exceptional skills in swift problem-solving and efficient time management.

III. Tab C - Qualifications and Experience

2. SERVICE TEAM and RESUME

a. Organizational Chart of the team that would serve the Village

SIGNATURE PRODUCTION SERVICES	INFO@SPSAV.COM
German Currea or someone assigned by German Currea	TECHNICAL COORDINATOR
Silvia Cruz or someone assigned by Silvia Cruz	PRODUCTION COORDINATOR
Joey Lizano or someone assigned by Joey Lizano	AUDIO ENGINEER
Chris Sidman or somone assigned by Chris Sidman	LABOR LEAD

III. Tab C - Qualifications and Experience

2. SERVICE TEAM and RESUME

b. Description of each team member's role, reponsabilities, experience, and education.
Current one-page resume for each memeber - TBA

German Currea
Brings over 25 years of working experience in live production. His extensive background includes serving as a touring production manager, where he oversaw all aspects of live concerts.
He is also a skilled audio engineer specializing in live audio environments.

Silvia Cruz
Has 15 years of experience in the live production industry. For the past 7 years, she has successfully managed all aspects of production and stage management.

Joseph Lizano
Offers over 25 years of experience as an audio engineer. He specializes in both live audio and recording sessions. Notably, he spent many years touring as a monitor engineer for prominent artists such as Julio Iglesias, Ricky Martin, and others.

Chris Sidman
Is known for his experience and meticulous attention to detail in managing the accurate and efficient preparation of gear, both at the warehouse and the show venue.

c. Managerial positions assigned to VILLAGE and Corportate levels for the Propoer's company with the corresponding roles to VILLAGE staff

Please refer to portion (a)

d. Detailed description of each position's role and responsibilities

Please refer to portion (b)

III. Tab C - Qualifications and Experience

3. PERSONNEL PLAN

PER SHOW

PRODUCTION LEAD	Production Advancement Prior to show and on show day
LABOR & TECH LEAD	Assessment of gear based on event needs & Labor management on Load In, Show and Load Out
AUDIO ENGINEER	A1 - All tech management and audio engineer during show
STAGE TECH	A2 - *IF Needed*
LIGHTING DESIGNER	Stage Lighting - *IF Needed* Non Static Stage Wash
UTILITY LABOR	Labor for Load In and Set Up and Labor for Strike and Load Out

IV. Tab D - Subcontracting Plan

SUBCONTRACTING PLAN

Signature Production Services is an all inclusive company, however we may Subcontract the services for MOBILE STAGES - *Not limited to*

REFLECTIONS PRODUCTIONS INC.

MOBILE STAGES

50 YEARS IN THE BUSINESS

PRICE BASED ON STAGE SIZE *

V. Tab E - Proposal Approach

PROPOSAL APPROACH

Stage .-

Upon site inspection or notification, we will determine the appropriate size and type of stage for your event. All built stages are constructed using OSHA approved 4’ x 8’ decks, with proper leveling and a reinforced structure. To protect the setup surface, whether it is grass or tiles, we utilize proper wood pads under each stage leg.

Lighting .-

Lighting fixture positions will be determined based on the specific requirements of each project. We can provide either a static wash lighting or dynamic effects managed through a connectivity system overseen by a lighting designer.

Audio .-

We exclusively use professional audio equipment from Clair Brothers / Clair Global. We offer a variety of consoles suitable for both community events and touring acts. Our audio services include a professional microphone package, smart subsnake systems, and active wireless technology for optimal frequency accessibility. Frequency management is also available.

VI. Tab G - Insurance

INSURANCE

ATTACHED ON NEXT PAGE

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 06/03/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Avante Insurance Group
8700 West Flagler Street
Suite 402
Miami FL 33174

CONTACT NAME: Jessica Blanco
PHONE (A/C, No, Ext): (305) 221-2400 **FAX (A/C, No):** (305) 221-2411
E-MAIL ADDRESS: jessica@avante-nea.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Scottsdale Insurance Co.	41297
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Gersil Group, Inc.
110 Lake Emerald Drive#408
Oakland Park FL 33309

COVERAGES **CERTIFICATE NUMBER:** CL251215236 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:			CPS8108923	11/29/2024	11/29/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ $ $
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [ ] N / A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						[ ] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $
A	Equipment			CPS8108923	11/29/2024	11/29/2025	Equipment Ded	$34,800 $1,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Sounds reinforcement for bands and events

CERTIFICATE HOLDER
Village of Key Biscayne
88 W Macintyie Street
Key Biscayne, FL 33149

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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ATTACHMENT D

PERFORMANCE EVALUATION

Village of Key Biscayne Performance Evaluation

Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

Section I: Project Information

Contract Name	
Brief Description	
Contract Number	
Lead Department	
Evaluator	
Evaluation Period	

Vendor Name	Local Government
Vendor Address	
Project Manager Name	88 West McIntyre Street, Suite 210, Key Biscayne, Florida 33149
Project Manager Email	65-0291811
Project Manager Phone	
Contract Amount	Miami-Dade County

Section II: Performance Evaluation Criteria

Quality of Service	Rating	Comments
Did the vendor meet the agreed-upon deadlines for delivering the services?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How accurate and error-free were the services provided by the Vendor? Was re-work required? If yes, pls specify in comments.	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Did the vendor introduce any innovative technologies, processes, or strategies that improved the service delivery?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Based on the vendor's quality of service, how likely are you to recommend the vendor's services to others?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How satisfied are you with the overall quality of service provided by the vendor?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	

Communication and Responsiveness	Rating	Comments
How would you rate the vendor's ability to maintain a positive working relationship with the team and stakeholders?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	

Village of Key Biscayne Performance Evaluation

Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

How would you rate the vendor's communication skills and responsiveness to your inquiries or concerns?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How responsive was the vendor in addressing any service disruptions or downtime?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Did the vendor provide any training or knowledge transfer to your team to enhance their understanding of the services?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How well did the vendor document and maintain records related to the services provided?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Based on the vendor's communication and responsiveness, how likely are you to recommend the vendor's services to others?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How would you rate the vendor's overall communication and responsiveness?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	

Compliance with Contractual Obligations	**Rating**	**Comments**
Did the vendor adhere to the terms identified in the contract scope?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Did the vendor comply with all applicable laws, regulations, health and safety regulations?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How would you rate the vendor's performance in fulfilling the service contract requirements?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Based on the vendor's compliance with contractual obligations, how likely are you to recommend the vendor's services to others?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How would you rate the vendor's overall compliance with contractual obligations?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	The project consists of monitoring.

Village of Key Biscayne Performance Evaluation

Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

Cost-Effectiveness	Rating	Comments
Did the vendor implement any cost-saving measures or strategies during the contract period?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
Were the level of service commensurate with cost expectations?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How well did the vendor manage and allocate resources to ensure the smooth delivery of services?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
Based on the vendor's cost-effectiveness, how likely are you to recommend the vendor's services to others?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How would you rate the vendor's overall management of cost-effectiveness?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	

Problem-Solving and Conflict Resolution	Rating	Comments
How well did the vendor handle any changes or modifications requested during the contract period?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How well did the vendor handle complaints or escalations from your team or customers?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
Based on the vendor's problem-solving and conflict resolution, how likely are you to recommend the vendor's services to others?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How would you rate the vendor's overall problem-solving and conflict resolution?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	

Village of Key Biscayne Performance Evaluation

Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

Vendor Comments (if applicable, attach image and pictures)

Section III: Overall rating

Consultant Overall rating	☐ Excellent	☐ Good	☐ Satisfactory	☐ Fair	☐ Unsatisfactory

Instructions:

- A copy of this evaluation form shall be given to the vendor at contract execution.
- Evaluation forms are to be completed quarterly or at the end of each contract/project.
- Complete all fields and provide comments where applicable; reference ratings guidelines.
- Share form with Vendor and have them fill out vendor comments

Village of Key Biscayne Performance Evaluation
Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

- Completed forms are to be sent to Daren Jairam at djairam@keybiscayne.fl.gov

Ratings Guidelines:

Rating #1 (Unsatisfactory) - Work required extensive revisions; included numerous & significant errors; consultant was unable or unwilling to perform consistently; required an inordinate amount of supervision, and/or failed to meet professional standards or project objectives.

Rating #2 (Fair) – Performance was marginal; execution of contractual objectives required more review and included more errors than would normally be anticipated; level of service or expertise below average.

Rating #3 (Satisfactory) – Performance and work were satisfactory; services provided were at least of industry standard; no significant errors or problems; contractual objectives met.

Rating #4 (Good) - Vendor work is better than that of the average consultant.

Rating #5 (Excellent) – Performance was clearly above standard; expectations exceeded; objectives were met with a higher level of professional expertise.

Vendor Project Manager & Date

Village of Key Biscayne Evaluator & Date

Department Director Signature & Date

Proposal Crafted For:

Village of Key Biscayne

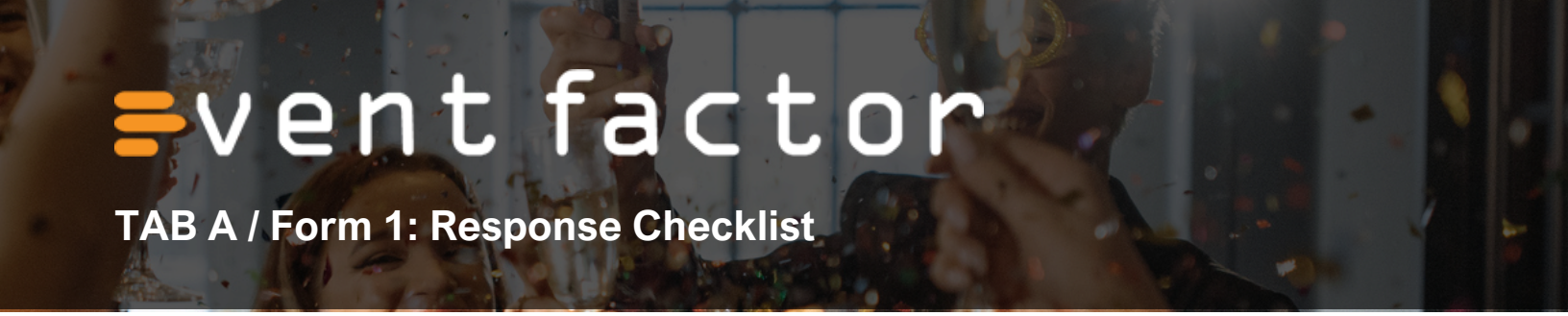
Submitted By:
Event Factor
4548 SW 75th Ave,
Miami, FL 33155

RFP #2025-08 – Sound, Stage, Lighting and Equipment Rental Services

Date Submitted: June 10, 2025

Submitted By:

Michael Feria
President



TAB A / Form 1: Response Checklist

SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☐ Form 1: Response Checklist
- ☐ Form 2: Addendum Acknowledgment
- ☐ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - Form 3B: Certificate of Authority (for Individuals)
- ☐ Form 4: Proposer's Statement of Organization
- ☐ Form 5: References
- ☐ Form 6: Affidavits
  - Form 6A: Single Execution Affidavits
  - Form 6B: Independence Affidavit
  - Form 6C: Non-Collusion Affidavit
- ☐ Form 7: Drug Free Workplace
- ☐ Form 8: Certification to Accuracy of Proposal
- ☐ Form 9: Scrutinized Companies
- ☐ Form 10: Public Entity Crimes
- ☐ Form 11: Dispute Disclosure
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☐ A: Sample Contract

EXHIBITS

- ☐ A: Scope of Services
- ☐ B: Fee Schedule/Price Proposal
- ☐ C: Certificate of Insurance



TAB A /Form 2: Addendum Acknowledgment

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES
Solicitation No.:
RFP # 2025-08

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: Event Factor

Authorized Representative's Name: Michael Feria

Title: President

Email: mferia@theeventfactor.com

Phone Number: 305-283-2373

Address: 4548 SW 75th Ave Miami, FL 33155

Authorized Signature: _____



TAB A /Form 3A: Certificate of Authority (for Corporations or Partnerships)

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of Event Factor, Inc a business existing under the laws of the State of Florida, (the "Entity") held on June 6, 2025, the following resolution was duly passed and adopted:

"RESOLVED, that, Michael Feria, as CEO of the Entity, be and is hereby authorized to execute this Proposal dated June 6, 2025, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this 6 day of June, 2025.

Secretary: _____ President: _____

Print Name: _____ Print Name: Michael Feria

(Seal)



event factor

TAB A /Form 3B: Certificate of Authority (for Individuals)

FORM 3B

CERTIFICATE OF AUTHORITY

(If Individual)

I, Michael Feria ("Affiant") being first duly sworn, deposes and says:

1. I am the Owner
   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: Event Factor, Inc doing business as Event Factor, Inc, the Contractor that has submitted the attached Proposal.
2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.
3. I am authorized to execute the Proposal dated June 6, 2025, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, will be the official act and deed of this attestation.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: Michael Feria

Title: President

ACKNOWLEDGMENT

State of Florida
County of FLORIDA

On this 6 day of JUNE, 2025 before me the undersigned, personally appeared MICHAEL FERIA whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

_____
Notary Public (Print, Stamp, or Type as Commissioned)

NOTARY PUBLIC STATE OF FLORIDA

✓ Personally known to me; or
_____ Produced identification (Type of Identification: _____)
✓ Did take an oath; or
_____ Did not take an oath



TAB A /Form 4: Proposer's Statement of Organization

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
Event Factor, Inc

2. Principal Business Address, Phone and Email Address:
4548 SW 75th Ave Miami, FL 33155
305-283-2373
mferia@theeventfactor.com

3. Principal Contact Person(s):
Michael Feria

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
Corporation

A. If a corporation, in what state incorporated: Florida
B. Date Incorporated: 01/27/2011
C. Federal ID Number (EIN) 27-4682234
D. If a joint Venture or Partnership, date of Agreement: N/A
E. Name and address of all partners (state whether general or limited partnership): S Corp Michael Feria
F. If other than a corporation or partnership describe, organization and name of principals. _____

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Michael Feria	President

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFP Agreement. 14

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	None		
B.			
C.			
D.			

8. Outline specific areas of responsibility for each entity listed in Question 7.
A. None
B. _____
C. _____



TAB A /Form 4: Proposer's Statement of Organization

D. _____

9. County or municipal business tax receipt number (attach copies):
   County: Miami Dade County
   Municipal: Miami

10. Have you ever failed to complete any work awarded to you?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**



TAB A /Form 4: Proposer's Statement of Organization

20. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest?
Yes ___ **No** X **If yes, attach a separate sheet of explanation.**

22. Have you made a site visit? _____ Yes, ___X___ No

23. How soon after the award can you begin work? _____one_____ Days.

24. List any licenses, permits or certifications, etc., you hold for performing this type of work:

25. **How did you hear about the RFP?** Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. Word of mouth

Signature (Blue ink only)

Michael Feria
Print Name

President
Title

June 6th 2025
Date

STATE OF)
COUNTY OF)
The foregoing instrument was acknowledged before me this 6 day of JUNE, 20 25
by MICHAEL FERIA as
(Name of person acknowledging) *(Title)*
for
(Company name)
Personally known to me ____ or has produced identification ✓, type of identification produced FL DL

(NOTARY SEAL HERE)

STEVE E. CABEZAS MY COMMISSION EXPIRES 07-13-2029 NOTARY PUBLIC COMM. # HH 653169 STATE OF FLORIDA

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY



event factor

TAB A /References

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company: The Ritz-Carlton Key Biscayne & Coconut Grove

Reference Contact Name: Alejandra Santisteban

Contact Title: Senior Catering Sales Executive

Contact Telephone: 305-365-4577

Contact Email: alejandra.santisteban@ritzcarlton.com

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #2

Name of Company: Playing for Change Foundation

Reference Contact Name: Stacey Glassman Mizener

Contact Title: Chief Development Officer

Contact Telephone: 305-720-6296

Contact Email: stacey@playingforchangefoundation

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #3

Name of Company: University of Miami - Shalala Student Center

Reference Contact Name: Oscar Manuel Vazquez Jr.

Contact Title: Director of Student Center Complex & Conference Services

Contact Telephone: 305-299-8972

Contact Email: ovazquez@miami.edu

Contract Start Date: _____ **Contract End Date:** _____



event factor

TAB A /References

REFERENCE #4

Name of Company: City of Homestead

Reference Contact Name: Nancy Davila

Contact Title: Event Specialist

Contact Telephone: 786-758-0018

Contact Email: ndavila@homesteadfl.gov

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #5

Name of Company: Immaculata-La Salle High School

Reference Contact Name: Director of Advancement

Contact Title: Colette Varese

Contact Telephone: 305-854-2334

Contact Email: cvarese@ilsroyals.com/cvarese5@gmail.com

Contract Start Date: _____ **Contract End Date:** _____



TAB A /Form 6A: Single Execution Affidavits

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Michael Feria

For (Name of Proposing or Bidding Entity): Event Factor, Inc

Whose business address is: 4548 SW 75th Ave Miami, FL 33155

And (if applicable) its Federal Employer Identification Number (FEIN) is: 27-4682234

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#: _____)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

_MF_____
Proposer Initials



TAB A /Form 6A: Single Execution Affidavits

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[ ] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime after July 1, 1989.



TAB A /Form 6A: Single Execution Affidavits

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime after July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

MF
_____
Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

MF
_____
Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade



TAB A /Form 6A: Single Execution Affidavits

County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

MF
_____
Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

MF
_____
Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this RFP at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this RFP is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this RFP at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this RFP. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

MF
_____
Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFP # 2025-08 SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

MF
_____
Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For the purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

MF
_____
Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page



event factor

TAB A /Form 6A: Single Execution Affidavits

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: Michael Feria

Title: President

ACKNOWLEDGMENT

State of Florida

County of Miami Dade

On this 6 day of June, 2025 before me the undersigned,

personally appeared Michael Feria, whose name(s) is/are

subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

STEVE E. CHARLES MY COMMISSION EXPIRES 9-13-2029 NOTARY PUBLIC COMM. # HH 65369 STATE OF FLORIDA

_____

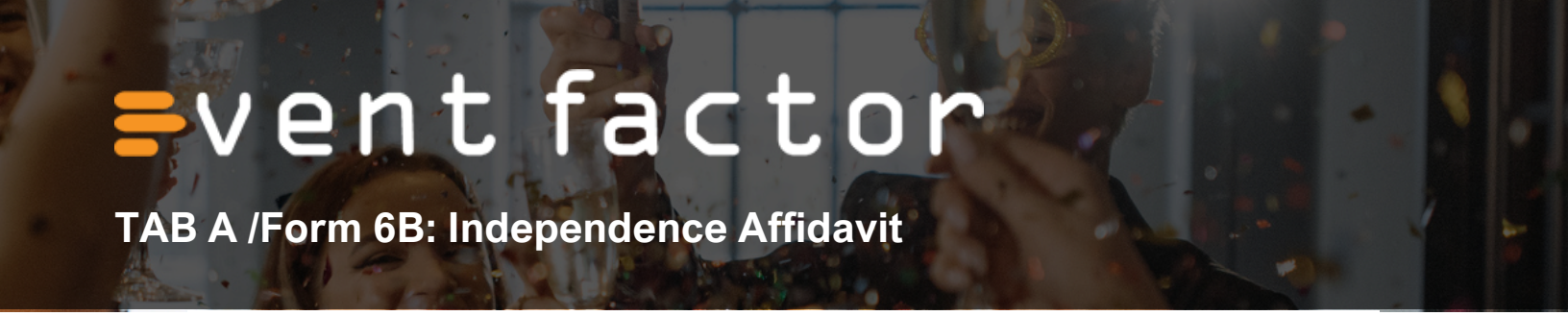
Notary Public (Print, Stamp, or Type as Commissioned)

✓ Personally known to me; or

_____ Produced identification (Type of Identification: _____)

_____ Did take an oath; or

_____ Did not take an oath



TAB A /Form 6B: Independence Affidavit

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am Michael Feria of Event Factor, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

TAB A /Form 6B: Independence Affidavit

Sound, Stage, Lighting and Equipment Rental Services – RFP # 2025-08

Signature (Blue ink only)

Michael Feria

Print Name

President

Title

June 6th 2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 6 day of JUNE, 2025
by MICHAEL FERIA as
(Name of person acknowledging) (Title)
for
(Company name)
Personally known to me ____ or has produced identification ✓ type of identification
produced

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY



TAB A /Form 6C: Non-Collusion Affidavit

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Michael Feria of Event Factor, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFP is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

TAB A /Form 6C: Non-Collusion Affidavit

Sound, Stage, Lighting and Equipment Rental Services -- RFP # 2025-08

Signature (Blue Ink only)

Michael Feria

Print Name

President

Title

June 6th 2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 6 day of JUNE, 2025
by MICHEL FERIA as
(Name of person acknowledging) (Title)
for ,
(Company name)
Personally known to me ✓ or has produced identification ___ type of identification
produced FLDL

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY



TAB A /Form 7: Drug Free Workplace

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that Event Factor does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFP document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFP or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.



TAB A /Form 7: Drug Free Workplace

Sound, Stage, Lighting and Equipment Rental Services – RFP # 2025-08

Signature (Blue ink only)

Michael Feria

Print Name

President

Title

June 6th 2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 6 day of JUNE, 2025 by MICHAEL FERIA as _____
(Name of person acknowledging) (Title)

for _____.
(Company name)

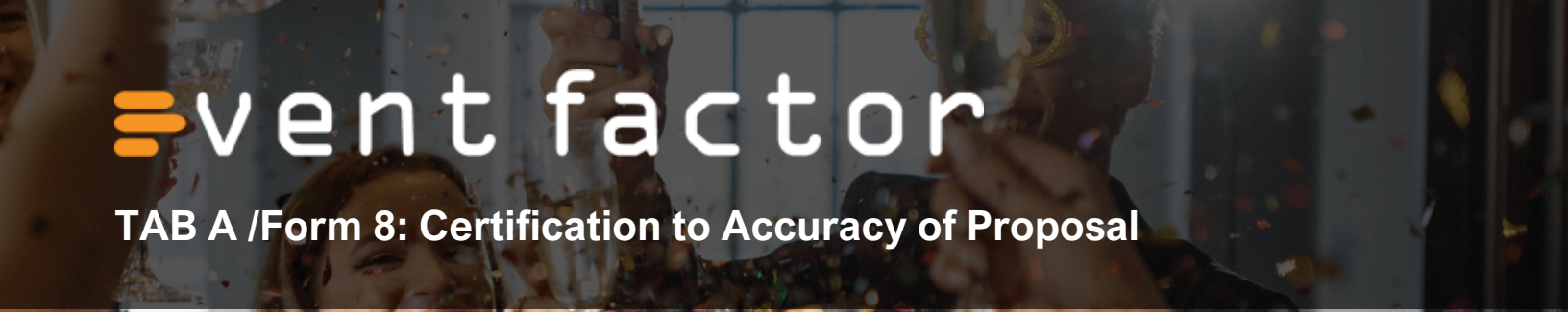
Personally known to me ✓ or has produced identification ____, type of identification produced _____

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY

STEVE E. CABEZAS
MY COMMISSION EXPIRES 07-13-2029
NOTARY PUBLIC
COMM. # HH 653169
STATE OF FLORIDA



TAB A /Form 8: Certification to Accuracy of Proposal

FORM 8
CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFP and the Agreement has taken place, and that the proposer is fully informed and understands the requirements of the RFP and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Michael Feria of Event Factor, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 4 day of JUNE, 2025
by MICHAEL FERIA as
(Name of person acknowledging) *(Title)*
for
(Company name)
Personally known to me ✓ or has produced Identification ____, type of identification
produced FDL

(NOTARY SEAL HERE)

STEVE E. CABEZAS MY COMMISSION EXPIRES 07-13-2029 NOTARY PUBLIC COMM. # HH 653169 STATE OF FLORIDA

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY

TAB A /Form 9: Scrutinized Companies

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

Michael Feria

Print Name

President

Title

June 6th 2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this ____ day of _____, 20__,
by MICHAEL FERIA as _____
(Name of person acknowledging) (Title)
for _____.
(Company name)
Personally known to me ✓ or has produced identification ____, type of identification
produced FDL

(NOTARY SEAL HERE)

STEVE E. CABEZAS MY COMMISSION EXPIRES 07-13-2029 NOTARY PUBLIC COMM. # HH 653163 STATE OF FLORIDA

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY



TAB A /Form 10: Public Entity Crimes

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. RFP #2025-08

2. This sworn statement is submitted by: Event Factor, Inc
(name of entity submitting sworn statement)

whose business address is: 4548 SW 75th Ave
Miami, FL
33155

Federal Identification Number (FEIN) is: 27-4682234
(if applicable)

Social Security Number: _____

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: Michael Feria
(print name of individual signing this document)

and my relationship to the entity is: President

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
(a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or



TAB A /Form 10: Public Entity Crimes

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. _X_ Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime after July 1, 1989.

   b. ____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

      1) ____ There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____ The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

TAB A /Form 10: Public Entity Crimes

3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

Signature (Blue ink only)

Michael Feria

Print Name

President

Title

June 6th 2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 6 day of JUNE, 2025

by MICHAEL FERIA as _____

(Name of person acknowledging) (Title)

for _____.

(Company name)

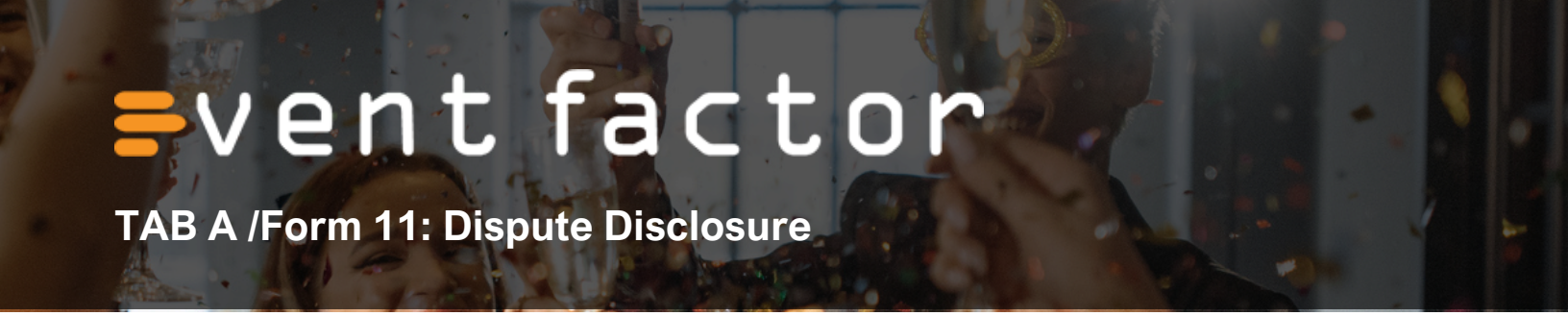
Personally known to me ✓ or has produced identification _____, type of identification produced FDL.

(NOTARY SEAL HERE)

STEVE E. CABEZAS MY COMMISSION EXPIRES 07-13-2029 NOTARY PUBLIC COMM. # HH 653169 STATE OF FLORIDA

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY



TAB A /Form 11: Dispute Disclosure

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No." If you answer "Yes," please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO X

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO X

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO X

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: Event Factor

Authorized Signature: _____

Print or Type Name: Michael Feria

Title: CEO

Date: June 2nd, 2025



TAB A /Form 16: Insurance and License Certificates

FORM 13 – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES

Proposal of Event Factor

(Name)

4548 SW 75th Ave Miami, FL 33155

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements



TAB A /Form 16: Insurance and License Certificates

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.

The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. The failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No._____

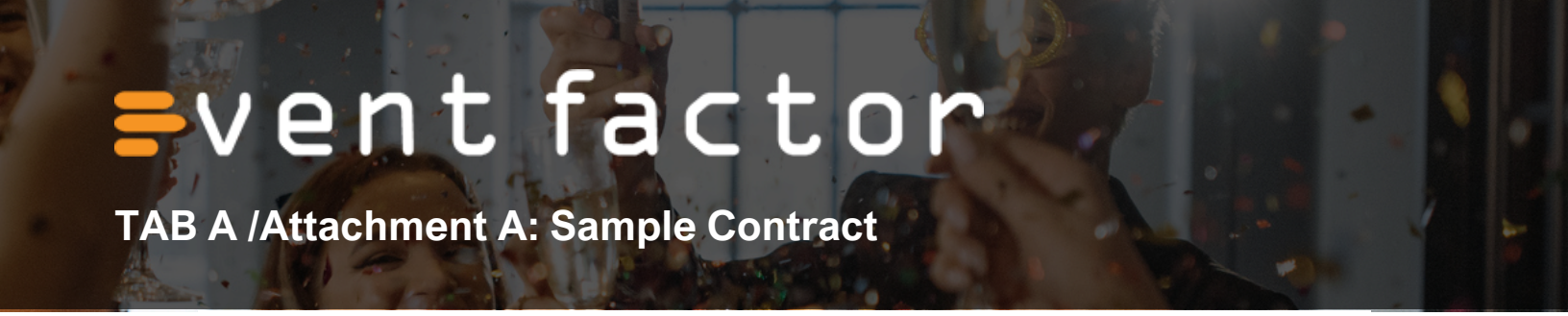
Bidder's Occupational License No. _____

WITNESS:

_____ By: _____
Signature of Authorized Agent

_____

[SEAL]



TAB A /Attachment A: Sample Contract

ATTACHMENT A

SERVICES AGREEMENT BETWEEN
THE VILLAGE OF KEY BISCAYNE
AND
Event Factor Inc

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____ _____, 2024 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **Event Factor**, a Florida S Corp (hereinafter, the "Consultant").

WHEREAS, the Village desires certain **SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES** and

WHEREAS, the Consultant will perform services on behalf of the Village, all as further set forth in the Proposal dated June 6th 2025 , 2025, attached hereto as Exhibit "A" (the "Services"); and

WHEREAS, the Consultant and Village, through mutual negotiation, have agreed upon a fee for the Services; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. **Scope of Services**.

   1.1. Consultant shall provide the Services set forth in the Proposal attached hereto as Exhibit "A" and incorporated herein by reference (the "Services").

   1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

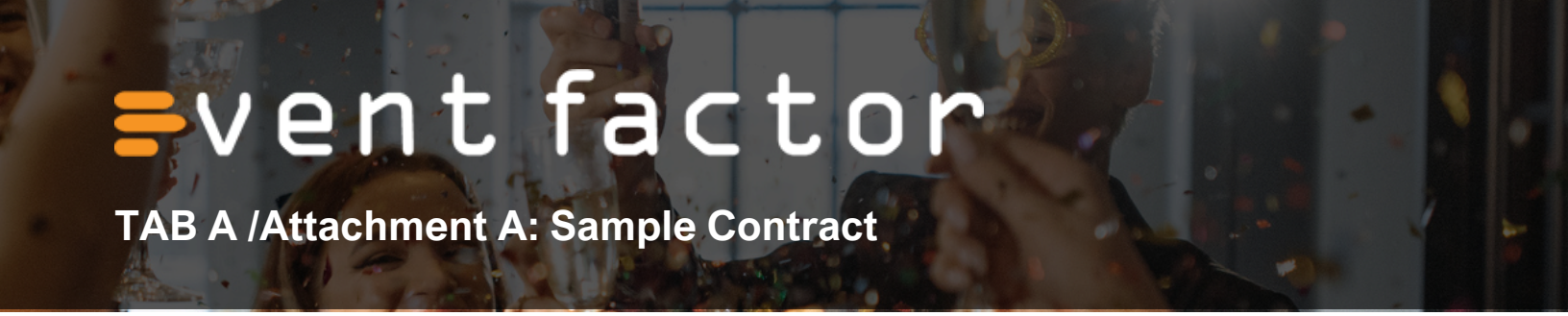
2. **Term/Commencement Date**.

   2.1. The term of this Agreement shall be from the Effective Date through one (1) years thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for four (4) additional one (1) year periods on the same terms as set forth herein upon written notice to the Consultant.

   2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. **Compensation and Payment**.

SAMPLE



3.1. Compensation for Services provided by Consultant shall be in accordance with the Proposal attached hereto as Exhibit "A." Consultant shall be compensated a flat rate, lump sum fee in the amount of $XXXX.XX per month.

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in a delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

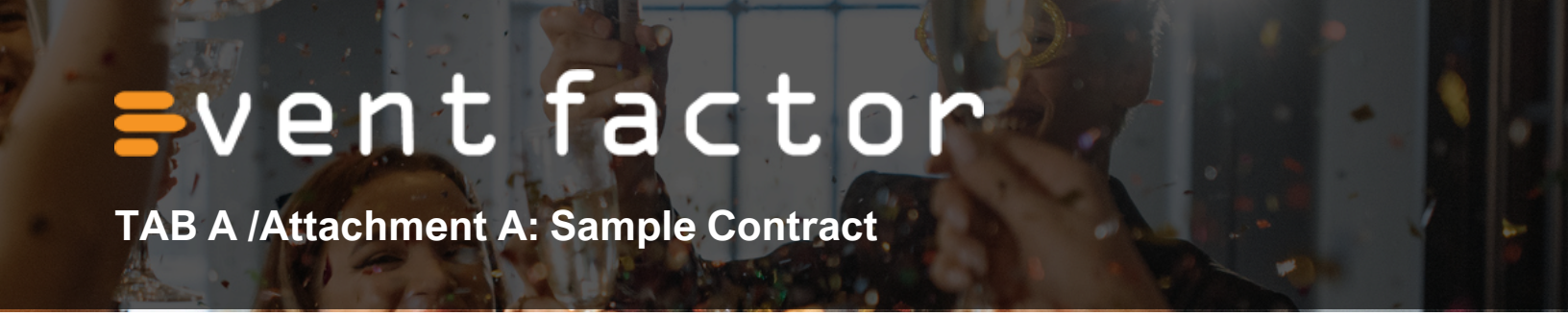
4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village, and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

SAMPLE



6. **Consultant's Responsibilities; Representations and Warranties.**

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first-class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. **Conflict of Interest.**

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. **Termination.**

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. **Insurance.**

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village,

SAMPLE

naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverage shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply to all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 for each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. **Certificate of Insurance.** Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

SAMPLE

9.3. **Additional Insured.** Except with respect to Professional Liability Insurance and Worker's Compensation Insurance, the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. **Deductibles.** All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. **Nondiscrimination.** During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. **Attorney's Fees and Waiver of Jury Trial.**

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. **Indemnification.**

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

SAMPLE

13. **Notices/Authorized Representatives.** Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. **Governing Law and Venue**. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. **Entire Agreement/Modification/Amendment.**

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. **Ownership and Access to Records and Audits.**

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

SAMPLE

16.5. Upon completion of this Agreement or in the event of termination by either party, any or all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records:	**Jocelyn B. Koch**
Mailing address:	**88 West McIntyre Street**
	Key Biscayne, FL 33149
Telephone number:	**305-365-5506**
Email:	**jkoch@keybiscayne.fl.gov**

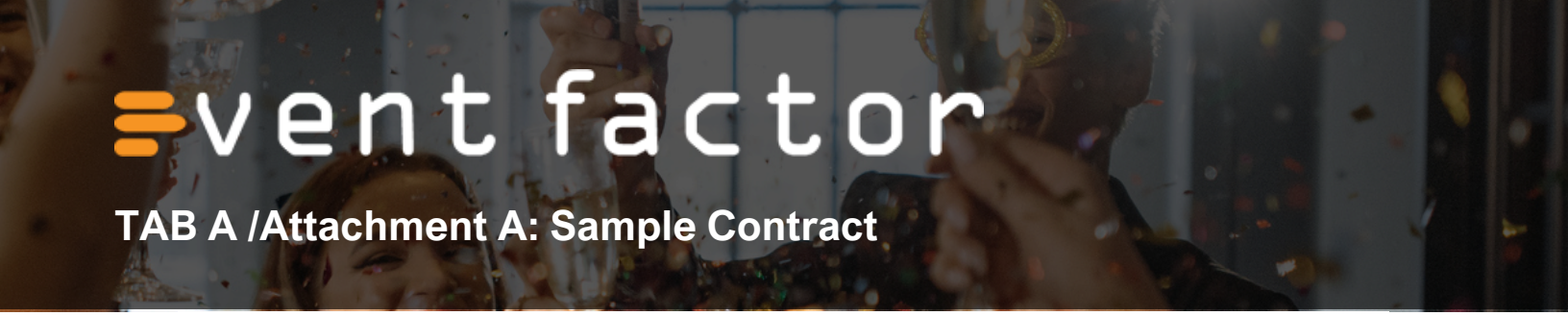
17. Nonassignability. This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. Severability. If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. Independent Contractor. The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. Compliance with Laws. The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

SAMPLE



21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **Public Entity Crimes Affidavit.** Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

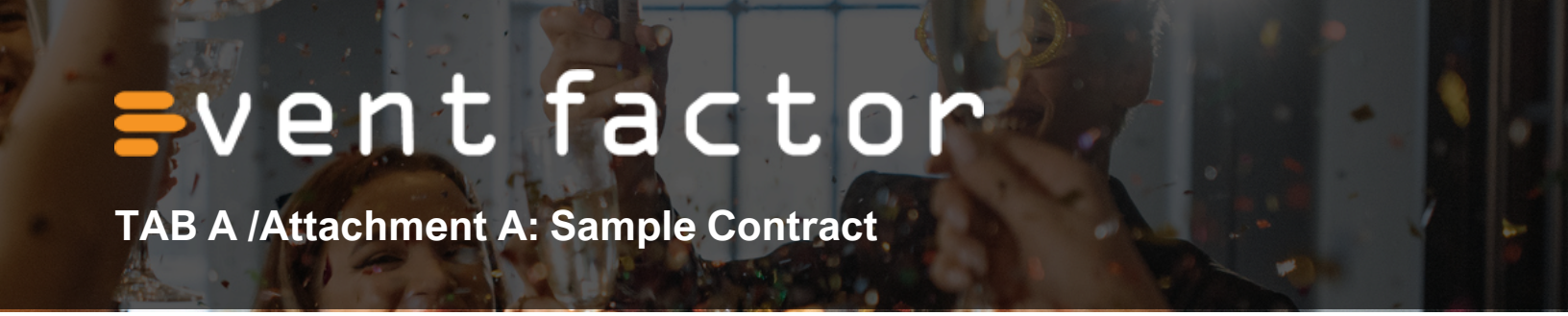
25. **Counterparts.** This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. **Conflicts.** In the event of a conflict between the terms of this Agreement and any exhibits or attachments hereto, the terms of this Agreement shall control.

27. **E-Verify Affidavit.** In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Contractor acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

[Remainder of page intentionally left blank. Signature pages follow.]

SAMPLE



TAB A /Attachment A: Sample Contract

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONTRACTOR

By: _____

Name: _____

Title: _____

Entity: **Event Factor Inc**

Addresses for Notice:
Event Factor Inc
4548 SW 75th Avenue
Miami, Florida 33155

(786)222-9914 (telephone)
(786)222-9914(facsimile)
_mferia@theeventfactor.com (email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

SAMPLE

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: Michael Feria

Title: President

Entity Name: Event Factor Inc

ACKNOWLEDGMENT

State of Florida

County of Miami Dade

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this 6 day of June, 2025, by Michael Feria (name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____

Notary Public (Print, Stamp, or Type as Commissioned)

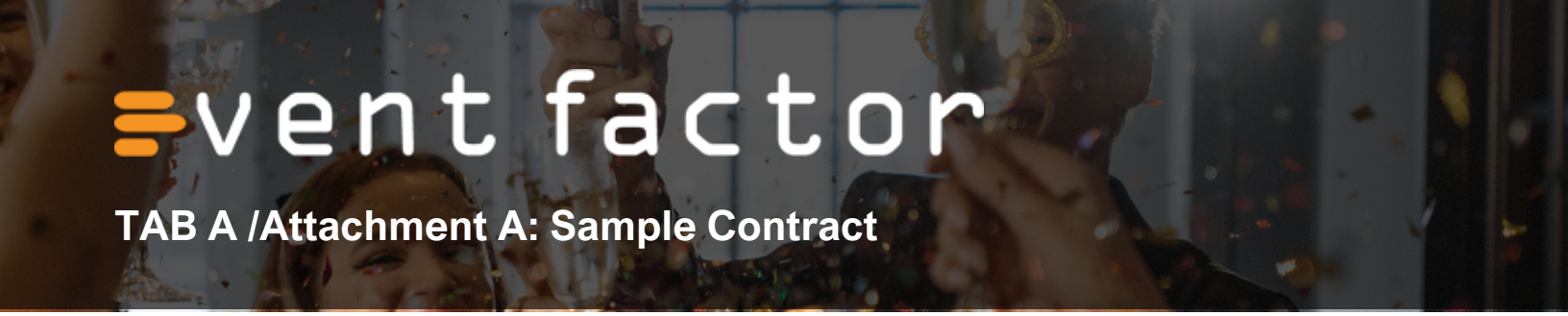
✓ Personally known to me; or

_____ Produced identification (Type of Identification: _____)

_____ Did take an oath; or

_____ Did not take an oath

STEVE E. ABEZAS MY COMMISSION EXPIRES 07-13-2029 NOTARY PUBLIC COMM. # HH 653169 STATE OF FLORIDA



AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.
2. I am an officer or representative of _____, a nongovernmental entity.
3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Print Name: Michael Feria
Title: President
Entity Name: Event Factor Inc

OATH OR AFFIRMATION

State of Florida
County of Miami Dade

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this ____ day of JUNE, 2025 by _____ (name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

✓ _____Personally known to me; or
_____Produced identification (Type of Identification: _____)
_____Did take an oath; or
_____Did not take an oath

STEVEN E. CABEZAS MY COMM. EXPIRES 07-13-2029 NOTARY PUBLIC COMM. # HH 052169 STATE OF FLORIDA

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Print Name: Michael Feria
Title: President
Entity Name: Event Factor Inc

OATH OR AFFIRMATION

State of Florida
County of Miami Dade

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this 6 day of June, 20 25 by Michael Feria (name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced Identification (Type of Identification: _____)
_____Did take an oath; or
_____Did not take an oath

STEVE E CABEZAS MY COMMISSION EXPIRES 07-13-2029 NOTARY PUBLIC COMM. # HH 653169 STATE OF FLORIDA



TAB A /EXHIBIT A: Scope of Services

EXHIBIT A

SCOPE OF SERVICES

The Scope of Services are those contained in the Proposal Section 2. dated June 2nd, 2025, attached hereto and incorporated herein by reference.

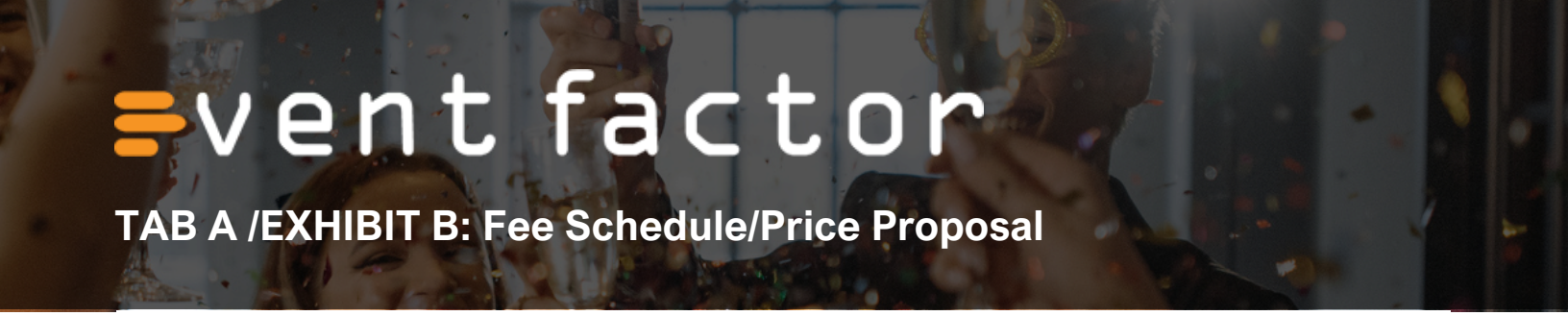


EXHIBIT B

PROPOSAL SCHEDULE

SOUND, STAGE, LIGHTING AND EQUIPMENT RENTAL SERVICES

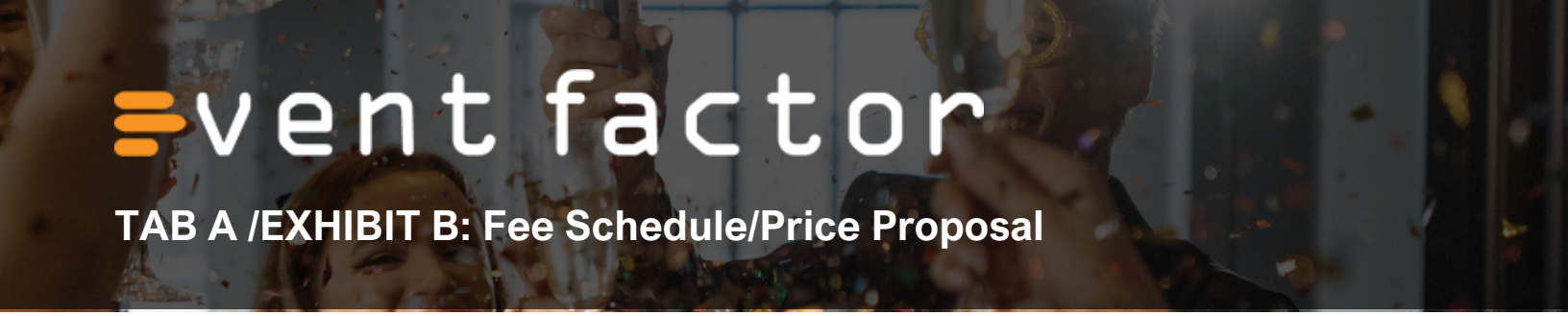
NAME OF PROPOSER: Event Factor In response to the Village's request for proposal and in compliance with the RFP requirements, the undersigned proposer to provide all services, supervision, coordination, related incidentals necessary to provide **Sound, Stage, Lighting and Equipment Rental Services** for the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated June 2nd, 2025 including Addenda numbered _____ through _____, inclusive, for an all-inclusive Base Bid for **Sound, Stage, Lighting and Equipment Rental Services** includes all incidental costs.

The Contractor understands and agrees that the prices submitted are for the services as indicated in the Scope of Service, including but not limited to all related expenses.

4TH OF JULY

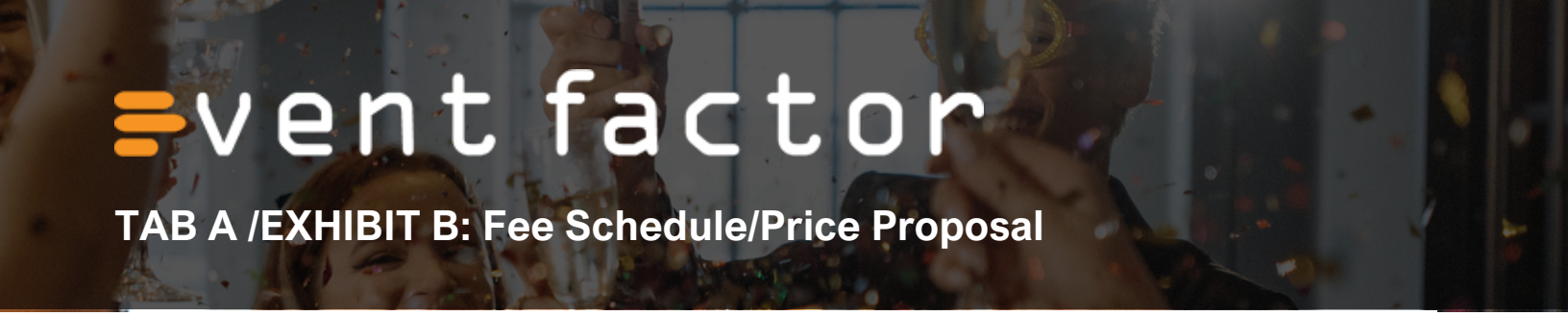
Service	Quantity	Equipment Cost	Labor	Total
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	1	$125.00		$125.00
Wireless mics (2) and reciever: Shure ULX S4 and Shure SM58 or equivalent	1	$350.00		$350.00
Instrument Direct Box	2	$50.00		$100.00
Computer laptop system with CD player	1	$125.00		$125.00
FM reciever with hp antenna		$45.00		$45.00
Rolls of 25' mic cable	4	$25.00		$100.00
Tripod boom stands	4	$25.00		$100.00
Crank up tripod stands	4	$25.00		$100.00
Power distro system (handcart)	2	$500.00		$1000.00
L1420-5 quad stringer 125/250v 120'	4	$150.00		$600.00
L1420-5 house whip 125/250v 150'	2	$85.00		$170.00
L1420 Extension 125/250v 120'	2	$50.00		$100.00
Multiquip 125 kw generator	1	$1800.00	per day	$3600.00
25' black 12/3 extension cord with triple tap	10	$25.00		$250.00
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.		$1500.00		$1500.00
Generator and transportation				
Fuel		$400.00	per day	$800.00
Audio Technician	2	$800.00	per day	$1600.00
Stagehands to set up & strike all equipment				**$2500.00**



TAB A /EXHIBIT B: Fee Schedule/Price Proposal

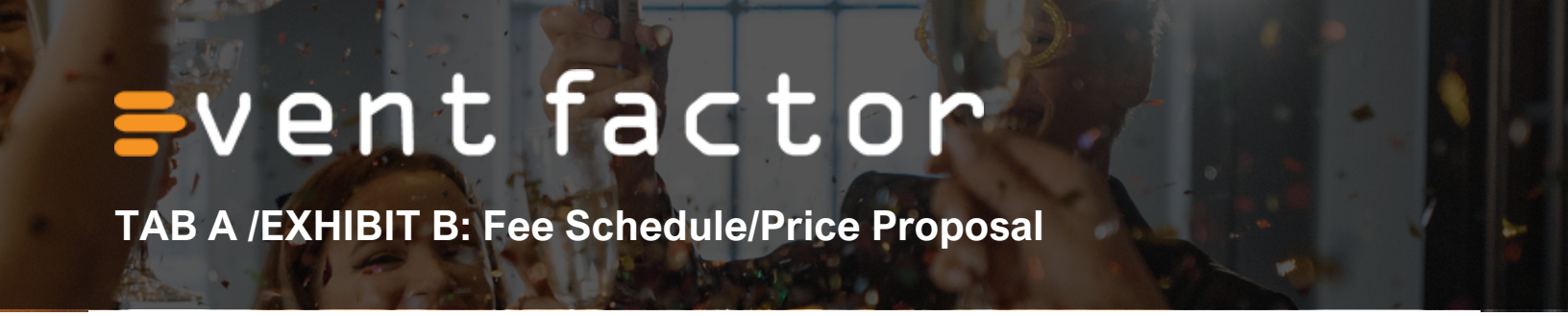
LIGHTHOUSE RUN

Service	Quantity	Equipment Cost	Labor	Total
Stagehand and/or stage engineer to set up, strike all equipment, and DJ event.	1	$2500.00		$2500.00
Apex 2016 Stage or comparable no less than 16' by 24' with roof	1	$6500.00		$6500.00
Banner backdrop to stage	1	$2800.00		$2800.00
Power including 25kw generator, power distribution system (Handcart), and 100' 6/4 2X50 125/250v extension	1	$1800.00	per day	$3600.00
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	2	$250.00		$500.00
a powered, suspendable subwoofer system: JBL VRX 918sp or equivalent	2	$350.00		$700.00
Portable Self-Powered 15", Two-Way, Bass-Reflex Design: JBL 515 Eons or equivalent	2	$175.00		$350.00
16 channel digital mixing sound console: Yamaha LS9 - 16 w/case or equivalent	1	$175.00		$175.00
Instrument Direct Box	1	$50.00		$50.00
vocal microphone i.e. Shure SM 58 or equivalent	3	$75.00		$225.00
Shure ulxs4 wireless microphone with pelican case or equivalent	1	$175.00		$175.00
25' mic cables	2	$35.00		$70.00
25' black 12/3 extension cord with triple tap	6	$25.00		**$150.00**
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.		$1500.00		$1500.00
Generator and stage transportation		$200.00	per day	$400.00
Fuel		$500.00	per day	$1000.00
Stagehands to set up & strike all equipment				**$2500.00**



WINTERFEST

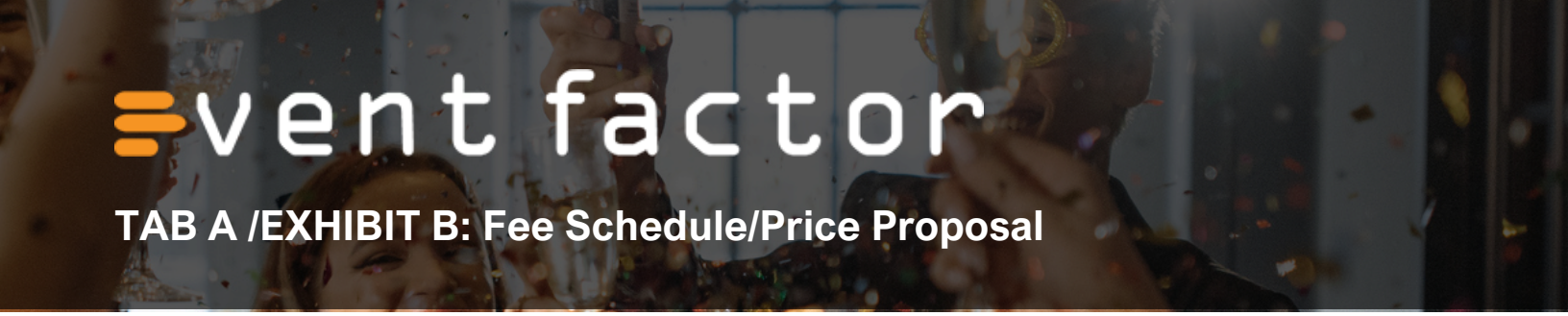
Service	Quantity	Equipment Cost	Labor/Hour	Labor Total	Total
~~VRX system~~ RCF System	1	$3500.00			$3500.00
Digital mixer Yamaha LS9-32 or equivalent	1	$350.00			$350.00
Digital bodypack transmitter Shure ULXD1 or equivalent	1	$175.00			$175.00
Chain hoist 1/2 ton 20'	2	$75.00			$150.00
Stage monitor speaker	1	$125.00			$125.00
Drum mic package	1	$125.00			$125.00
10x10 tent for equipment	1	$75.00			$75.00
RGBWA/UV remote DMX auto play sound activated stage lights	8	$65.00			$520.00
QuickQ 20 lighting controller or equivalent	1	$135.00			$135.00
Apex 3224 mobile stage or equivalent stage with a minimum stage size of 32' long and 23'8" wide and a minimum height of 12'	1	$6500.00			$6500.00
DMX control cable 50'		$50.00			$50.00
6 snow machines with xtra dry juice (40' outdoor) and the required power from a generator suspended on an 10' high truss system	1 complete system	$2500.00			$2500.00
Power distrobution system (Handcart)	1	$500.00			$500.00
Multiquip 25 kw generator	2	$1800.00	per day		$3600.00
100' 6/4 2x50 125/250v extension	3	$100.00			$300.00
50' 6/4/ 2x50 125/250v extension	2	$75.00			$150.00
50 Amp distrobution box with 50 twists / 6 GFI	3	$500.00			$1500.00
25' 12/3 extension cord with triple tap	16	$35.00			$560.00
50' 13/3 extension cord with triple tap	4	$50.00			$200.00
Audio Technician	2	$800.00			$1600.00
Electrician		$800.00	per day		$1600.00
Stage Manager		$1000.00			$1000.00
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.		$1500.00			$1500.00
Generator and stage transportation		$200.00	per day		$400.00
Fuel		$500.00	per day		$1000.00
Stagehands to set up & strike all equipment					**$2500.00**



TAB A /EXHIBIT B: Fee Schedule/Price Proposal

CONCERT

Service	Quantity	Equipment Cost	Labor	Total
12 in. Two-Way Powered Line Array Loudspeaker System: JBL VRX 932 lap or equivalent	2	$250.00		$500.00
a powered, suspendable subwoofer system: JBL VRX 918sp or equivalent	2	$350.00		$700.00
Portable Self-Powered 15",Two-Way, Bass-Reflex Design: JBL 515 Eons or equivalent	4	$200.00		$800.00
16 channel digital mixing sound console: Yamaha LS9 - 16 w/case or equivalent	1	$150.00		$150.00
vocal microphone ie Shure SM 58 or equivalent	6	$75.00		$450.00
instrument microphone : Shure SM 57or equivalent	5	$35.00		$175.00
Cardioid Condenser Instrument Microphone: Shure PG 81 or equivalent	3	$45.00		$135.00
Cardioid Dynamic Kick Drum Microphone: Shure PG 52 or equivalent	4	$45.00		$180.00
Instrument Direct Box	5	$50.00		$250.00
150' 32x10+10 ISO snake (+50 monitor split)	1	$125.00		$125.00
50' Snake 8x4	2	$85.00		$170.00
Tripod boom stand	14	$15.00		$210.00
Multiquip 25 kw generator	1	$1800.00	per day	$3600.00
RGBWA/UV remote DMX auto play sound activated stage lights	8	$65.00		$520.00
Power distro system (Handcart)	1	$500.00		$500.00
Sellner MS2416 Mobile Stage or equivalent	1	$6500.00		$6500.00
rolls of 25' mic cable	8	$25.00		$200.00
All necessary snakes, cables, racks, equalizers, compressors, gates, and power distribution equipment.		$1500.00		$1500.00
Generator and transportation		$200.00	per day	$400.00
Fuel		$500.00	per day	$1000.00
Audio Technician		$800.00		$1600.00
Stagehands to set up & strike all equipment				**$2500.00**



TAB A /EXHIBIT B: Fee Schedule/Price Proposal

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Proposer is familiar with the nature and extent of the services and any local conditions or criteria dictated in the RFP .

The undersigned Proposer agrees to provide all services called for by the RFP Documents.

The undersigned Proposer agrees to furnish all materials, equipment, and labor and to perform all services in accordance with the Contract Documents for: **Sound, Stage, Lighting and Equipment Rental Services** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: Event Factor, Inc

Bidder's Name: Michael Feria

Bidder's Email: mferia@theeventfactor.com

Bidder's Title: President

Bidder's Signature: _____



event factor

TAB A /EXHIBIT C: Certificate of Insurance

EXHIBIT C

CERTIFICATE OF INSURANCE

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 05/29/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Ivon Santiesteban	
NSI Insurance Group LLC 5875 NW 163 Street Suite 207 Miami Lakes FL 33014	PHONE (A/C, No, Ext): (305) 556-1488	FAX (A/C, No): (305) 556-3680
	E-MAIL ADDRESS: ivons@nsigroup.org	

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Hiscox Insurance Company Inc	10200
INSURER B : Progressive Express	10193
INSURER C : Travelers Ins. Co.	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED: EVENT FACTOR INC., 4544 SW 75TH AVE, Miami FL 33155

COVERAGES **CERTIFICATE NUMBER:** CL2531845533 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR [X] Blanket Additional insured & WOS [X] Primary and Non-Contributory GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	Y	Y	P100.114.929.8	02/22/2025	02/22/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG [ ]	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ Included $
B	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [X] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			979400360	04/01/2025	04/01/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) Non-owned	$ 1,000,000 $ $ $ $ 1,000,000
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE [ ]	$ $ $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N [ ] (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		UB6H93715A	09/30/2024	09/30/2025	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
A	Professional Liability			P100.113.586.8	02/22/2025	02/22/2026	Professional Liability	$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

30 days notice of cancellation except 10 days for nonpayment of premium.

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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Event Factor Inc.
June 10, 2025

To Whom It May Concern,

Event Factor Inc. is pleased to submit this Statement of Financial Stability as part of our response to RFP #2025-08 – Sound, Stage, Lighting, and Equipment Rental Services for the Village of Key Biscayne.

Since our establishment, Event Factor Inc. has maintained a solid financial position, enabling us to support the scope, scale, and complexity of public-sector event production contracts. We are financially capable of delivering all services outlined in this solicitation, including equipment rental, staging, sound, lighting, and on-site technical support, with full operational and financial continuity.

As evidence of our financial stability, we confirm the following:

- Positive and reliable cash flow, with access to sufficient working capital and credit lines to support multi-day and multi-phase public events.
- No record of bankruptcy, liens, or pending litigation that would impede our ability to meet contract obligations.
- Strong vendor and subcontractor relationships, supported by a history of timely payments and positive credit references.
- Current insurance coverage and bonding capacity fully aligned with the requirements of RFP #2025-08.
- Willingness to provide supporting documentation—such as financial statements, bank references, or tax filings—upon request from the Village.

Event Factor Inc. remains committed to fiscal responsibility and is confident in our ability to execute this contract with financial reliability and professional excellence. We thank the Village of Key Biscayne for this opportunity and look forward to the potential of working together.

Sincerely,

Michael Feria
President
Event Factor Inc.



South Florida's Premier Event Production Company

PRESENTED BY:

event factor

LETTER OF INTEREST

RFP #2025-08 – Sound, Stage, Lighting and Equipment Rental Services

June 10, 2025



CONTENTS

RFP #2025-08 – Sound, Stage, Lighting and Equipment Rental Services

Tab A

- Cover Sheet
- Proposal Forms (Forms 1–11 + Insurance Certificates)
- Fee Schedule (Exhibit B)
- Statement of Financial Stability

Tab B - Executive Summary

Tab C - Qualifications & Experience

Tab E - Proposal Approach

Tab G - Insurance



Event Factor Inc.
RFP #2025-08 – Sound, Stage, Lighting, and Equipment Rental Services
Village of Key Biscayne

Event Factor Inc. is pleased to submit this proposal to provide professional sound, stage, lighting, and equipment rental services to the Village of Key Biscayne. With over 15 years of industry experience, Event Factor has established itself as a premier full-service event production company in South Florida, offering cutting-edge technology, technical expertise, and unparalleled customer service to municipalities, corporate clients, non-profits, and cultural organizations.

Our company specializes in turnkey event solutions for both indoor and outdoor productions, including concerts, community events, festivals, corporate gatherings, and public ceremonies. We have consistently demonstrated our ability to meet and exceed the demands of high-profile events by providing reliable, safe, and innovative production services. Our commitment to professionalism and excellence ensures that each project is delivered on time, within budget, and with outstanding technical execution.

Led by President Michael Feria, Event Factor operates with a highly trained in-house staff of production managers, certified audio engineers, lighting designers, stage technicians, and logistics coordinators. This vertically integrated team allows us to provide complete control over quality and responsiveness. We own and operate an extensive inventory of professional-grade equipment including modular staging systems, line-array speaker systems, digital mixing consoles, intelligent and architectural lighting fixtures, truss structures, video walls, and backup power solutions.

Event Factor is intimately familiar with the unique challenges and opportunities of producing events in coastal and municipal environments like Key Biscayne. We maintain a rigorous safety and logistics protocol to account for weather conditions, crowd control, and site-specific requirements. All staff adhere to OSHA and local safety guidelines, and our equipment is maintained to the highest industry standards. We are fully licensed and insured, and we collaborate closely with fire, police, and municipal agencies to ensure smooth event operations.



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TAB B - EXECUTIVE SUMMARY

Our prior experience includes successful partnerships with municipalities such as the City of Miami, Coral Gables, Hialeah, and Miami Beach, where we have delivered comprehensive production services for public concerts, holiday celebrations, parades, and other civic events. We understand the public visibility and stakeholder importance of municipal events and take pride in our ability to deliver results that reflect positively on our clients and their communities.
Why Event Factor is Best Qualified

Event Factor believes we are best qualified to serve the Village of Key Biscayne for the following reasons:

1. Proven Track Record with Municipal Clients – Our portfolio includes numerous recurring public sector contracts, with consistently high satisfaction ratings from city officials, residents, and attendees alike.
2. State-of-the-Art Equipment and Expertise – We invest in the latest technology and continually train our staff to ensure optimal sound, lighting, and stage production performance.
3. Comprehensive, Turnkey Solutions – From planning to execution, we manage every detail to minimize risk and maximize impact, reducing the burden on municipal staff.
4. Safety, Compliance, and Insurance – Event Factor operates with full compliance to all regulatory standards and carries comprehensive insurance coverage for personnel and equipment.
5. Client-Centered Service Philosophy – We prioritize clear communication, transparency, and flexibility to adapt to evolving event needs, always striving to exceed expectations.
6.

In conclusion, Event Factor Inc. is uniquely positioned to provide the Village of Key Biscayne with dependable, high-quality event production services that align with the goals and values of the community. We bring the technical proficiency, creative vision, and operational reliability required to support successful public events that enrich the lives of residents and visitors alike. We welcome the opportunity to serve as your trusted partner for this RFP and beyond.

Sincerely,

Michael Feria
President and CEO
Event Factor



TAB B - Deliverables

Event Factor Inc. will provide the following deliverables for each event supported under this contract:

- Professional-grade sound system scaled to the event's audience and venue.
- Modular staging platform with safety rails, steps, skirting, and ADA-compliant access, as needed.
- Custom lighting system including LED wash lights, intelligent moving heads, gobos, truss, and control consoles.
- Power distribution and backup systems, including generators and UPS as needed.
- Audio/video engineering and technical staff including FOH audio engineers, lighting designers, and stage technicians.
- Event load-in, setup, operation, strike, and load-out.
- On-site technical support throughout each event.
- Transportation and logistics coordination for all production equipment.
- Compliance documentation including insurance certificates, permits, and safety checklists.
- Post-event summary report (upon request), including incident logs, photos, and equipment condition notes.



A. Pre-Event Planning

- Participate in pre-production meetings with Village staff.
- Conduct site visits and evaluate power, stage placement, and safety considerations.
- Coordinate logistics and technical requirements based on event schedule.
- Develop a technical plan including layouts, schedules, and contingency strategies.
- Submit necessary documentation such as insurance, safety plans, and production timelines.

B. Equipment Provision and Setup

- Deliver and install professional staging systems appropriate to event scope.
- Configure and test audio systems, including main speakers, monitors, microphones, DI boxes, and mixing consoles.
- Set up lighting systems including truss, LED fixtures, control systems, and specialty lighting where applicable.
- Install power and backup solutions to support all systems safely.
- Conduct pre-event inspections and sound/light checks.

C. Event Operation

- Operate sound and lighting systems throughout the event.
- Provide on-site technicians to adjust sound and lighting levels in real-time.
- Ensure all equipment runs without disruption and adheres to technical plans.

D. Post-Event Breakdown

- De-rig and remove all equipment in a safe and efficient manner.
- Restore venue to its original condition.
- Provide documentation or reports as needed to Village staff.



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TAB B - List of Exceptions

Event Factor Inc. provides comprehensive services with very limited exceptions. However, the following items are outside the base scope and would require prior coordination or client-provided services:

- **Permits and Event Licenses:** Event Factor will assist in identifying permit needs but assumes the Village will secure necessary city or county event permits unless specified otherwise.
- **Security, Fire, and Police Coordination:** Event Factor will collaborate with public safety departments but does not provide security or emergency personnel.
- **Artist Booking and Performance Management:** While we support artists' technical riders, we do not engage in talent acquisition or entertainment management under this contract.
- **Ground Infrastructure or Construction Services:** Event Factor does not provide ground leveling, tenting, fencing, or structural construction unrelated to staging.
- **Inclement Weather Cancellations:** Equipment and labor costs incurred prior to cancellation due to weather or force majeure are non-refundable but rescheduling can be accommodated.
- **Venue-specific Restrictions:** Event Factor relies on the Village to disclose venue limitations (e.g., curfews, noise ordinances, load-in restrictions).



a. Qualification of Firm

Event Factor Inc. is a South Florida-based full-service event production company with over 15 years of experience delivering professional sound, stage, lighting, and equipment rental services for public, private, and non-profit events. Our team has successfully supported numerous municipal and community events, including large-scale concerts, parades, festivals, and official ceremonies. Event Factor is fully licensed and insured, with a proven track record of reliability, compliance, and creativity. We own and operate an expansive inventory of state-of-the-art AV and staging equipment, eliminating the need for outsourcing and ensuring complete control over quality and logistics.

b. Qualification of Staff

Our team consists of highly experienced and certified professionals in the fields of event production, technical operations, and logistics management. Key personnel include:

- **Michael Feria, President** – With over two decades of industry experience, Michael leads the company's strategic planning and client relations and is involved in all major contracts.
- **Production Managers and Technical Directors** – All possess over 10 years of hands-on experience in managing municipal and live productions.
- **Certified Audio Engineers and Lighting Designers** – Skilled in both digital and analog systems, line arrays, DMX programming, and live event troubleshooting.
- **Stage Crew and Logistics Coordinators** – Trained in OSHA safety standards, with expertise in rigging, load-ins/outs, and complex outdoor installations.

Each member of our core team is cross-trained to ensure flexibility, speed, and consistency in service delivery.

c. Industry Knowledge and Expertise

Event Factor stays at the forefront of live event technology and trends. We regularly invest in training and equipment upgrades to meet the evolving needs of both clients and audiences. Our leadership is involved in regional industry associations and maintains working relationships with leading manufacturers and vendors. We are highly experienced with the challenges of outdoor, waterfront, and municipal events, including environmental conditions, permitting, power distribution, and crowd control coordination.

d. Project Management and Special Services

Event Factor uses a comprehensive project management approach tailored to each event's scope and budget. Our services include:

- Pre-event planning and consultation
- Site analysis and technical drawings
- Detailed production timelines and contingency plans
- Turnkey logistics coordination
- Real-time on-site troubleshooting
- Post-event breakdown and reporting

We offer scalable solutions and are capable of managing concurrent events and last-minute changes without compromising service quality. Our in-house inventory and staffing model ensure maximum responsiveness and cost control.

e. Past Performance

Event Factor has delivered consistent, high-quality service for the following recent and relevant contracts:

1. **City of Miami – Bayfront Park New Year's Eve Celebration**
   - Contract: Multi-year annual production
   - Services: Full stage, sound, lighting, video wall, and power
   - Contact: David Torres, Events Manager – (305) 555-0138
2. **City of Coral Gables – Holiday Spectacular**
   - Contract: Annual lighting and sound production for tree lighting and performances
   - Services: Sound, lighting design, custom gobos, and stage management
   - Contact: Alicia Gomez, Special Events – (305) 555-0176
3. **City of Hialeah – 4th of July Celebration**
   - Contract: High-attendance public event
   - Services: Concert sound and lighting, full stage, backline, power supply
   - Contact: Jorge Martinez, Cultural Affairs – (305) 555-0213
4. **City of Miami Beach – Veterans Day Parade**
   - Contract: Audio and power services for parade route and stage
   - Contact: Laura Estrada, Special Events Coordinator – (305) 555-0125

Each of these contracts required tight coordination with municipal agencies, high public visibility, and a premium on safety and reliability. Our team delivered flawless execution, timely setup and breakdown, and strong collaboration with city staff and first responders.



TAB C - SERVICE TEAM

```
                    Michael Feria
                       President
                          |
          ┌───────────────┼───────────────┐
          |                               |
   Production Manager            Operations & Logistics Manager
      (David Ramirez)                   (Jessica Ortiz)
          |                               |
  ┌───────┴───────┐               ┌───────┴───────┐
  |               |               |               |
Lead Audio Engineer   Lead Lighting Designer   Staging Supervisor
  (Carlos Reyes)        (Anna Delgado)           (Victor Chavez)

                    Event Technicians
              (Sound, Lighting, Power, Stage Assistants)
```



Michael Feria – President

- Role: Executive leadership, strategic planning, contract oversight.
- Experience: 20+ years in event production and operations.
- Education: B.A. in Business Management, Florida International University.
- Responsibilities: Client relations, oversight of all services, budget and compliance supervision.

Resume highlights: Founder of Event Factor Inc., managed hundreds of municipal and private events across Florida, expert in large-scale logistics, vendor coordination, and compliance.

David Ramirez – Production Manager

- Role: Day-to-day lead for event execution and crew supervision.
- Experience: 15 years in live event production.
- Education: A.S. in Audio Engineering, Full Sail University.
- Responsibilities: Oversee setup, schedule crews, technical planning, and event delivery.

Relevant Experience: Supervised 50+ municipal events, including Bayfront New Year's Eve and Coral Gables' holiday productions.

Jessica Ortiz – Operations & Logistics Manager

- Role: Manages transportation, equipment inventory, and staffing.
- Experience: 10+ years in event logistics and field coordination.
- Education: B.S. in Logistics Management, University of Miami.
- Responsibilities: Equipment delivery, load-in/load-out schedules, staffing plans.

Relevant Experience: Logistics lead for Miami Beach's Veterans Day Parade and Fourth of July celebrations in Hialeah.



Carlos Reyes – Lead Audio Engineer

- Role: Sound design, FOH mixing, equipment calibration.
- Experience: 12 years, with national touring and local festivals.
- Certifications: Dante Certified, OSHA 10, AVIXA CTS.
- Responsibilities: On-site sound setup, console operation, sound checks, and troubleshooting.

Relevant Experience: Engineered audio for live shows at Coconut Grove Arts Festival, Wynwood Pride.

Anna Delgado – Lead Lighting Designer

- Role: Event lighting layout, programming, control.
- Experience: 10 years in stage lighting and architectural lighting.
- Education: B.F.A. in Lighting Design, New World School of the Arts.
- Responsibilities: Pre-programming lighting sequences, rigging design, DMX console operation.

Relevant Experience: Holiday tree lighting in Coral Gables, Art Deco Weekend main stage shows.

Victor Chavez – Staging Supervisor

- Role: Oversee setup and safety of all staging systems.
- Experience: 14 years, certified rigger.
- Certifications: ETCP Rigger, OSHA 30.
- Responsibilities: Supervise stage builds, inspect structures, and ensure ADA compliance.

Relevant Experience: Built large-scale stages for Bayfront Park, Coconut Grove, and Calle Ocho Festival.



TAB E - STANDARD MODULAR STAGE SETUP FOR KEY BISCAYNE VENUES

Introduction

The Event Factor is pleased to offer a comprehensive modular staging solution customized for Key Biscayne's unique venues and environmental conditions. Our system is designed to provide a safe, adaptable, and visually appealing platform that meets the highest standards of quality and safety, ensuring flawless event execution regardless of weather or venue constraints.

1. Stage Design & Configuration

- Modular Platforms:
- Utilizing 4' x 8' stage modules that can be configured to fit event requirements,
f from small intimate setups (16'x16') to larger presentations and performances (up to 32'x24'). Adjustable stage height ranges between 12" and 36".
- Structural Integrity:
- Constructed from durable, corrosion-resistant aluminum frames with non-slip decking surfaces. Engineered to safely support equipment and performer loads, exceeding local safety codes.
- Accessibility:
- Compliant with ADA standards, with ramps and safety railings available upon request.
- Trussing and Backdrop Options:
- Fully integrated trussing systems for lighting and audio rigging, along with customizable stage backdrops tailored to the event's branding or theme.

2. Weather Preparedness & Environmental Adaptations

- Coastal-Grade Materials:
- All stage components are resistant to corrosion and designed to withstand the humid and saline air typical of Key Biscayne's coastal environment.
- Protective Coverings:
- Deployable canopy systems and weatherproof tents safeguard performers and equipment from sun and rain.
- Wind Load Stability:
- Anchoring systems with weighted bases ensure the stage remains stable under coastal wind conditions.
- Emergency Weather Protocol:
- Rapid disassembly and protective storage plans activated if severe weather threatens event safety.

3. Safety and Compliance

- Site-Specific Assessments:
- Prior to each event, our team conducts a detailed venue inspection to ensure compliance with local regulations and identify any potential hazards.
- Professional Assembly:
- Stages are assembled and inspected by certified technicians, with on-site safety monitoring throughout the event.
- Emergency Management:
- Clear evacuation procedures and trained staff ready to respond to emergencies, ensuring guest safety at all times.

4. Operational Assurance: Ensuring Disruption-Free Events

- Advance Setup and Testing:
- Full technical setup completed prior to event start, including sound, lighting, and structural checks.
- Redundancy and On-Site Support:
- Backup audio and lighting equipment on hand, with technicians available for immediate troubleshooting.
- Weather Monitoring:
- Continuous tracking of weather conditions with proactive communication to event organizers and venue managers, enabling timely adjustments.

Conclusion

The Event Factor’s modular stage system delivers a versatile, secure, and weather-resilient solution that aligns perfectly with Key Biscayne’s venues and safety requirements. Our commitment to excellence and meticulous operational planning guarantees a smooth, memorable event experience for clients and guests alike.



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PRODUCER	**CONTACT NAME:** Ivon Santiesteban
NSI Insurance Group LLC	**PHONE (A/C, No, Ext):** (305) 556-1488 **FAX (A/C, No):** (305) 556-3680
5875 NW 163 Street	**E-MAIL ADDRESS:** ivons@nsigroup.org
Suite 207	
Miami Lakes FL 33014	

INSURER(S) AFFORDING COVERAGE		NAIC #
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INSURER C :	Travelers Ins. Co.	
INSURER D :		
INSURER E :		
INSURER F :		

INSURED
EVENT FACTOR INC.
4544 SW 75TH AVE
Miami FL 33155

COVERAGES **CERTIFICATE NUMBER:** CL2531845533 **REVISION NUMBER:**

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B	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [X] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			979400360	04/01/2025	04/01/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) Non-owned	$ 1,000,000 $ $ $ $ 1,000,000
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE [ ]	$ $ $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N [ ] (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		UB6H93715A	09/30/2024	09/30/2025	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
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AUTHORIZED REPRESENTATIVE

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Thank You!

On behalf of the entire team at Event Factor, thank you for considering our proposal for Sound, Stage, Lighting, and Equipment Rental Services (RFP #2025-08). We are honored by the opportunity to support the Village of Key Biscayne and its mission to host inclusive, well-organized, and memorable community events.

Should you have any questions or require additional documentation, please do not hesitate to contact us. We look forward to the opportunity to collaborate and contribute to the continued success of Key Biscayne's public celebrations.

AudioVisual | Lighting | Entertainment

Event Factor Group
4548 SW 75th Ave,
Miami, FL 33155

info@theeventfactor.com
(786) 222-9914

Thank you once again for your trust and the opportunity to engage in this process. We are excited about the possibilities ahead.

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Iguana Control Contract

RECOMMENDATION

Recommended the Village Council authorize the Village Manager to negotiate and enter into an agreement with IggyTrap of Florida LLC, the highest ranked proposal for Iguana Pest Control Services. The proposed agreement will be for an initial one (1) year term with four (4) optional one-year extensions in an amount not to exceed $65,000 annually.

DISCUSSION

Purpose: Improved iguana population control will enhance the usability of our public spaces and assist with ensuring community safety. Iguana removal addresses public nuisance and infrastructure degradation caused by the overpopulation of this invasive species.

Background: In response to the need to improve the control of the iguana population in our public spaces, the Village issued Request for Proposals No. 2025-02 on March 17, 2025 soliciting qualified and experienced company to minimize the impact of green iguana in our public spaces. The bid was publicly advertised, posted on the Village's website and DemandStar, and supported by a non-mandatory pre-bid meeting held on April 8, 2025. Bids were due on May 1, 2025

The Village previously solicited iguana control service in 2020 and again in 2023. The same vendor was selected on both occasions. While initial performance was acceptable the provider is no longer meeting the Village's expectations.

Justification: Iggy Trap of Florida provided the most comprehensive package with multiple methods of trapping and catching and demonstrated an understanding of the Village's priorities and offered tailored remediation and removal solutions using advanced invasive species technology and innovative services.

Implementation/Integration Plan: Once the Village enters into the agreement with IggyTrap of Florida LLC it will terminate the existing agreement with Blue Iguana Pest Control, Inc. executed in 2023. The Village used IggyTrap on a trail basis to remove iguanas prior to the opening of the under 5 playground and they excelled in both effectiveness as well as pre and post visit communication. The $8,215 in budget remaining will fund the program until the FY 26 budget is adopted.

RESOURCE IMPACT

Recurring Funding: $65,000 annual with a potential five year full-term total of $325,000. The annual not to exceed annual budget will be evaluated annually.

Personnel: PROS staff currently manage the coordination and oversight of the iguana control program and that would remain at the same level under the new agreement.

FUNDING SOURCES

The $8,215 budgeted funds remaining will fund the program until the FY 26 budget is adopted.

- ***GL Code:*** 001-72-572-46011
- ***Budget Line-Item:*** Iguana Program
- ***Amount:*** FY 25-$22,800 FY 26 Request-$65,000
- ***Maintenance & Repair:*** The iguana control program reduces the maintenance and repairs in our public spaces by reducing the negative impacts of iguana on our equipment and flora and fauna.

ATTACHMENT(S)

- Bid Tabulation Sheet
- Evaluation Recommendation
- Iggy Trap of Florida LLC Proposal

Prepared by: Todd Hofferberth | Parks, Recreation & Open Spaces Director

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING IGGY TRAP OF FLORIDA, LLC FOR IGUANA PEST CONTROL SERVICES IN AN AMOUNT NOT TO EXCEED $65,000 ANNUALLY; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Village of Key Biscayne ("Village") Council is in need of iguana pest control services (the "Services"); and

WHEREAS, on May 1, 2025, the Village issued Request for Proposal No. 2025-02 ("RFP") for the Services; and

WHEREAS, six (6) sealed proposals were received by the RFP deadline; and

WHEREAS, after review and evaluation of the submitted proposals, the Village Manager recommended that Iggy Trap of Florida, LLC (the "Contractor") be selected to perform the Services as the highest ranked firm; and

WHEREAS, the Village Council desires to select the Contractor to perform the Services and authorizes the Village Manager to negotiate and execute an agreement with the Contractor in an amount not to exceed $65,000 annually (the "Agreement") in substantially the form attached hereto as Exhibit "A;" and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. **Recitals.** That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **Selection.** That the Village Council selects the Contractor for the Services.

Section 3. **Authorization.** That the Village Manager is hereby authorized to negotiate and execute an Agreement with the Contractor for the Services in substantially the form attached hereto as Exhibit "A" in an amount not to exceed $65,000 annually, subject to approval by the Village Attorney as to form, content, and legal sufficiency.

Section 4. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH, CMC
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

PROFESSIONAL SERVICES AGREEMENT

BETWEEN

THE VILLAGE OF KEY BISCAYNE

AND

IGGY TRAP OF FLORIDA, LLC

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **IGGY TRAP OF FLORIDA, LLC**, a Florida limited liability company (hereinafter, the "Consultant").

WHEREAS, the Village is in need of iguana pest control services, all as set forth in greater detail in the Scope of Services attached hereto as Exhibit "A" (the "Services"); and

WHEREAS, on May 1, 2025, the Village issued Request for Proposal No. 2025-02 ("RFP") for the Services

WHEREAS, in response to the RFP, the Consultant submitted a proposal to perform the Services on behalf of the Village in an amount not to exceed $65,000 annually, all as further set forth in the Consultant's Proposal attached hereto as Exhibit "B"; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. **Scope of Services.**

1.1. Consultant shall provide the Services set forth in the Scope of Services attached hereto as Exhibit "A" and the Proposal attached hereto as Exhibit "B," which Exhibits are incorporated herein by reference.

1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. **Term/Commencement Date.**

2.1. The term of this Agreement shall be from the Effective Date through one (1) year thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for four additional one (1) year periods on the same terms as set forth herein upon written notice to the Consultant.

2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. Compensation and Payment.

3.1. Compensation for Services provided by Consultant shall be in an amount not to exceed $65,000 annually in accordance with the Proposal attached hereto as Exhibit "B."

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village, and provide criteria requested by Consultant to assist Consultant in performing the Services.

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5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and

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electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by

the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. Additional Insured. Except with respect to Professional Liability Insurance and Worker's Compensation Insurance**,** the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. Deductibles. All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. Nondiscrimination. During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. Attorneys Fees and Waiver of Jury Trial.

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. Indemnification.

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes

of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

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16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records: **Jocelyn B. Koch**
Mailing address: **88 West McIntyre Street**
Key Biscayne, FL 33149
Telephone number: **305-365-5506**

Email: jkoch@keybiscayne.fl.gov

17. **Nonassignability.** This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. **Severability.** If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. **Independent Contractor.** The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.** The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **State Required Affidavits.** By entering into this Agreement, the Consultant agrees to review and comply with the following state affidavit requirements:

    24.1. Public Entity Crimes Affidavit. Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

24.2. Scrutinized Companies. Consultant certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, Florida Statues, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement. If this Agreement is for more than one million dollars, the Consultant certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, Florida Statutes. Pursuant to Section 287.135, Florida Statutes, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

24.3. E-Verify Affidavit. In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Consultant acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

24.4. Noncoercive Conduct Affidavit. Pursuant to Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes. By entering into this Agreement, the Consultant acknowledges that it has read Section 787.06, Florida Statutes, and will comply with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

24.5. Prohibition on Contracting with Entities of Foreign Concern. Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern. By entering into this Agreement, the Consultant acknowledges that it has read Section 287.138, Florida Statutes, and complies with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

25. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. Conflicts; Order of Priority. This document without exhibits is referred to as the "Base Agreement." In the event of a conflict between the terms of this Base Agreement and any exhibits or attachments hereto, or any documents incorporated herein by reference, the conflict shall be resolved in the following order of priorities and the more stringent criteria for performance of the Services shall apply:

26.1.1. First Priority: Base Agreement;

26.1.2. Second Priority: Exhibit "A," the Scope of Services"; and

26.1.3. Third Priority: Exhibit "B," the Consultant's Proposal.

[Remainder of page intentionally left blank. Signature pages follow.]

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONSULTANT

By: _____

Name: Pierce Kennamer
President

Addresses for Notice:
4100 N. Powerline Road, Suite Q2
Pompano Beach, FL 33073
_____
_____
_____
(888)355-4449 (telephone)
_____(facsimile)
sales@iggytrap.com (email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

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E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____
Print Name: _____
Title: _____
Entity Name: _____

ACKNOWLEDGMENT

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20___, by_____ (name of person) as _____ (type of authority) for _____ _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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AFFIDAVIT ATTESTING TO
NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of _____, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

DRAFT

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

DRAFT

EXHIBIT A
SCOPE OF SERVICES

DRAFT

EXHIBIT B
CONSULTANT'S PROPOSAL

DRAFT

PROCUREMENT DOCUMENTS LINK

RFP # 2025-02 Iguana Pest Control Services

Below are links to procurement documents for:
(click on each line for document)

1. **Request for Proposal (RFP)**
2. **Addendum No.1 to RFP**
4. **Bid Tabulation Sheet**
5. **Evaluation Committee Meeting Minutes**
6. **Evaluation Recommendation**
7. **Recommended Proposal – Iggy Trap of Florida LLC.**
8. **Purchase Requisition – N/A**

Daren Jairam, MBA, MHC
Procurement Officer
djairam@keybiscayne.fl.gov
305-365-7577

Tabulation Sheet

Agency Name Village of Key Biscayne

Bid Number RFP-2025-02 RFP-0-2025/dj

Bid Name Iguana Pest Control Services

Bid Due Date 05/01/2025 11:30:00 Eastern

Bid Opening **Closed**

4 responses found.

✓ online, offline, ● not submitting, not received

	Company	Responded	Address	Bid Amount	Alt Bid Amount	Declared Attributes	Documents	Sent
Complete								
1 .	Blue Iguana Pest Control d/b/a Iguana Control	04/30/2025 21:09:14 Eastern	1440 Coral Ridge Dr Ste 460, Coral Springs, FL, 33071	$20.0000	0.0000	Small Business	Bid Document	✓
2 .	IggyTrap of Florida, LLC.	05/01/2025 10:39:55 Eastern	1330 NW 14th Street, Boca Raton, FL, 33486	$100.0000	0.0000		Bid Document	✓
3 .	Redline Iguana Removal	04/22/2025 20:07:25 Eastern	2840 Stirling Road Suite D, Hollywood, FL, 33020	$34.0000	0.0000		Bid Document	✓
4 .	Tower Pest Control	05/01/2025 10:30:18 Eastern	7760 W 20 Avenue, Bay 14, Hialeah, FL, 33016	$100.0000	0.0000		Bid Document	✓

RFP No. 2025-02 – Iguana Pest Control Services

TABULATION SUMMARY

No.	Proposer	Price Per Iguana
1	*Blue Iguana Pest Control	$20.00
2	IggyTrap of Florida LLC.	$100.00
3	Redline Iguana Removal	$ 34.00 + Daily Service Fee $ 10.00
4	Tower Pest Control	$100.00
5	Human Iguana Control	
6	Pest Brothers	

* Village Current Vendor

Docusign Envelope ID: 84A2267A-624C-4461-83F8-9D37D8471BE7

MEMORANDUM

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

DATE: June 13, 2025

TO: Steven Williamson – Village Manager

CC: Benjamin Nussbaum – Village Chief Financial Officer
Jennifer Rodero – Chief of Staff
Todd Hofferberth – PROS Directors

FROM: Daren Jairam, Procurement Officer

RE: Procurement Recommendation to Award for RFP No. 2025-02 – Iguana Pest Control Services

RECOMMENDATION

It is recommended the Village Manager negotiate an agreement with **IggyTrap of Florida LLC.** the top highest ranked proposals, for Iguana Pest Control Services. The proposed agreement will be for an initial one (1) year term with four (4) optional one-year extensions.

BACKGROUND

In accordance with government procurement best practices, and as part of a larger effort to ensure best value and promote fair and open competition for Village contracts, the decision was made to go out to market for these services.

The Village issued an RFP on March 17, 2025. The RFP was posted to the Village's website and Notice Board, DemandStar and Miami Herald. A non-mandatory pre-conference meeting was held for interested vendors where a bid summary was given.

The RFP allows potential vendors to submit their best proposals based on the defined scope of services, focusing not solely on pricing but on proposed approaches, creativity, and technical solutions that align with the Village's needs. It also provides the Village the opportunity to negotiate a best and final offer.

SCOPE OF WORK

The Village intends to select a qualified and experienced company to management the Green Iguana population within the Village. The selected Respondent shall provide support services to assist the Village in minimizing the impact of green iguanas in both private and public areas. This includes, but is not limited to, snaring, live trapping, capturing and removal (by hand or other methods), and nest destruction in full accordance with the specifications, terms and conditions contained in Section 2 of the Request for Proposal (RFP).

To qualify for award, prospective Proposers were required to:

A. Meet the objectives set in the RFP Scope of Services.
B. Have experience and qualified staff to manage and execute the requested services.
C. Be a licensed, permitted, certifications and insured vendor/business in the State of Florida.

88 West McIntyre Street • Key Biscayne, Florida 33149 (305) 365-5511 • www.keybiscayne.fl.gov
MISSION STATEMENT: "TO PROVIDE A SAFE, QUALITY COMMUNITY ENVIRONMENT FOR ALL ISLANDERS THROUGH RESPONSIBLE GOVERNMENT."

Docusign Envelope ID: 84A2267A-624C-4461-83F8-9D37D8471BE7

EVALUATION AND RANKING PROCESS

On May 1, 2025, six (6) proposals were received from the following firms:

No.	Proposer	Years Experience	Price Per Iguana
1.	*Blue Iguana Pest Control	16	$ 20.00
2.	IggyTrap of Florida LLC.	4	$ 100.00
3	Redline Iguana Removal	7	$ 34.00 + Daily Service Fee $ 10.00
4.	Tower Pest Control	30	$ 100.00
5.	Human Iguana Control	Non-Responsive	
6.	Pest Brothers	Non-Responsive	

* Village Current Vendor

The Evaluation Committee comprises the following individuals:

1. Anthony Garcia, Facilities Maintenance Technician
2. Nathanael Diaz, PW Maintenance Supervisor
3. Todd Hofferberth, Parks, Recreation and Open Space Director

Procurement conducted a thorough due diligence review of the proposals and determined that two proposals were non-responsive. The remaining four proposals were deemed responsive, with no material defects identified in the proposals or the qualifications of the proposers. Each proposer is properly licensed and qualified to perform the work, has provided the required certifications and references, and no issues were found indicating that any of the responsive proposers would be incapable of delivering the services.

The Evaluation Committee was provided with the proposals and on May 29, 2025, conducted its first meeting to discuss, review, hear presentations, score, and/or rank the proposals. Upon reviewing and discussing the four (4) Proposals the members proceeded to score. Once the technical scores were finalized, the pricing scores for each vendor were added resulting in the following ranking:

a. Experience / Qualifications / Work Reference of Entity and Success – 20 pts.
b. Experience / Qualifications of Personnel – 20 pts.
c. Service / Program Plan / Approach – 35 pts.
d. Price (20) / Financial Strength and Sustainability (5) – 25 pts.

Committee Member	Blue Iguana Pest Control Inc.	Iggy Trap of Florida LLC.	Redline Iguana Removal	Tower Pest Control
	SCORES PRIOR TO FINANCIALS			
	Scores	Scores	Scores	Scores
Nathanael Diaz	35	75	25	35
Anthony Garcia	42	74	70	62
Todd Hofferberth	43	65	42	55
Total	120	214	137	152

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	SCORES AND RANKING WITH FINANCIAL							
	Scores	**Rank**	**Scores**	**Rank**	**Scores**	**Rank**	**Scores**	**Rank**
Nathanael Diaz	60	2	75	1	31	4	35	3
Anthony Garcia	67	3	74	2	76	1	62	4
Todd Hofferberth	68	1	65	2	48	4	55	3
Total Scores and Ranking	195	6	214	5	155	9	152	10
Final Ranking	**2**		**1**		**3**		**4**	
	Blue Iguana Pest Control Inc.		**Iggy Trap of Florida LLC.**		**Redline Iguana Removal**		**Tower Pest Control**	

Proposers were scored then ranked with no. 1 being most favorable in the following order:

1. Iggy Trap of Florida LLC.
2. Blue Iguana Pest Control Inc.
3. Redline Iguana Removal
4. Tower Pest Control

RECOMMENDATION

Based on the Evaluation Committee's short list, it is recommended that the Village Manager executes a contract, substantially in the form attached as Exhibit A, with the top-ranked Proposer **Iggy Trap of Florida LLC.,** due to the following:

a. Provided the most comprehensive package with multiple methods of trapping and catching.
b. Demonstrated an understanding of the Village's priorities and offered tailored remediation and removal solutions using advanced invasive species technology and innovative services.
c. Over the past four (4) years, the company has emerged as a leader in its patented IggyTrap invasive species technology and innovation.

In the event an agreement cannot be reached with the top-ranked Proposer, it is further recommended that the Village Manager terminate negotiations with that firm and proceed with negotiations with the next highest-ranked Proposers until an agreement can be reached.

☒ Concur

☐ Reject

DocuSigned by:
Steven C Williamson
CF5C695978AA42B...
Steven Williamson – Village Manager

6/13/2025
Date

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VILLAGE OF KEY BISCAYNE
88 West McIntyre Street
Key Biscayne, Florida 33149

REQUEST FOR PROPOSAL

RFP # 2025-02

IGUANA PEST CONTROL SERVICES

RFP Release Date:	**March 17, 2025**
Non-Mandatory Pre-Conference:	**April 08, 2025, 10:00 A.M.**
Written Questions Due:	April 11, 2025, 9:00 A.M.
Response to Questions:	April 17, 2025
Proposals Due:	**May 01, 2025, 11:30 A.M.**

Submit To:

Via DemandStar
https://www.demandstar.com

PUBLIC NOTICE

IGUANA PEST CONTROL SERVICES
PUBLIC NOTICE AND ADVERTISEMENT FOR BIDS

REQUEST FOR PROPOSAL
RFP # 2025-02

Non-Mandatory Pre-Conference:	**April 08, 2025,** AT 10:00 AM
Proposal Deadline:	**May 01, 2025,** AT 11:30 AM

The Village of Key Biscayne ("Village") has issued a Request for Proposal ("RFP") to interested, qualified and licensed contractors in the State of Florida, for the following services/project: **IGUANA PEST CONTROL SERVICES. The Village of Key Biscayne encourages small and minority business, women's business enterprises, and labor surplus area firms to submit proposals.**

Proposals must be received by the deadline date, submitted to:

DEMANDSTAR:
https://www.demandstar.com

Bid packages will be available on the Village's website www.keybiscayne.fl.gov/procurement or may be available on Demandstar.

For further information contact:
Procurement:
procurement@keybiscayne.fl.gov

Questions, comments, request for information or clarification must be submitted to procurement@keybiscayne.fl.gov and received no later than, **April 11, 2025,** 9:00 a.m. Bidders, their agents, and associates are encouraged not to contact or solicit any Village Council Member, Village employee, or official regarding this RFP/ITB/RFQ after the bid opening. Only that individual listed above as the contact person shall be contacted.

Dated: **March 17, 2025**

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SECTION 1. INFORMATION FOR THE PROPOSERS

1.1 GENERAL INFORMATION/STATEMENT OF PURPOSE

The Village of Key Biscayne (the "Village"), a municipality located in Miami-Dade County, Florida, hereby requests proposals as further defined in Section 2 of this request for proposals ("Services") for management of the Green Iguana population within the Village. The selected Respondent shall provide support services to assist the Village in minimizing the impact of green iguanas in both private and public areas. This includes, but is not limited to, snaring, live trapping, capturing and removal (by hand or other methods), and nest destruction in full accordance with the specifications, terms and conditions contained in Section 2 of this Request for Proposal (RFP).

1.2 INTRODUCTION/BACKGROUND

The Village of Key Biscayne (the "Village") is located on an island approximately six (6) miles into Biscayne Bay and connected to the mainland via the Rickenbacker Causeway. Crandon Boulevard, a four-lane road with a median, bisects the Village. Shopping centers and single purpose commercial buildings line Crandon Boulevard. Towards the west lies single family homes. The east side of Crandon Boulevard contains mid to high rise multiple family buildings, one single family district, townhomes, and another single-family area that is part of a planned unit development. The incorporated Village is flanked by two large parks: Crandon Park to the north and Bill Baggs Cape Florida Recreation Area to the south. The latter receives over a million visitors per year and is a major contributor to traffic congestion on the weekends and holidays. The Village is the home to approximately 15,000 residents residing on 1.25 square miles.

The Village is committed to efficient government administration. A small core of the Village staff has been serving its residents, businesses, and visitors exceptionally well through their dedication and with the help of consultants, contractors, and service providers who also have been committed to providing quality products at competitive prices. We expect to continue this tradition.

1.3 N/A

1.4 SUSPENSION/DEBARMENT

A prospective Bidder that is listed on the government-wide Excluded Parties List System in the System for Award Management (www.SAM.gov), or that is suspended or debarred by the State of Florida, cannot be awarded a contract.

1.5 DISADVANTAGED BUSINESS & WORKER UTILIZATION

Bidders are encouraged to utilize small, women and minority-owned businesses as subcontractors whenever possible. Lists of local certified businesses are available on Miami-Dade County's website at https://mdcsbd.gob2g.com/frontend/searchcertifieddirectory.asp In addition, Proposers may request assistance from organizations such as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

Proposers who intend to hire additional workers for Village projects are encouraged to hire local workers. CareerSource South Florida maintains a job clearinghouse that can assist in connecting contractors with trained local construction workers.

1.6 VILLAGE RIGHTS

The Village reserves the right to award one or more contract(s) to the Respondent(s) in accordance with what the Village deems in its best interest. Notwithstanding, the Village may, at its sole discretion, reject all responses and cancel the solicitation, in which case no award will be made.

The Village reserves the right to accept or reject any or all Responses, based upon its deliberations and opinions. In making such determination, the Village reserves the right to investigate the financial capability, integrity, experience and quality of performance of each Consultant, including officers, principals, senior management and supervisors as well as the staff identified in the RFP.

The Village also reserves the right to waive minor variations or irregularities in the Responses.

1.7 SCHEDULE OF EVENTS

The following schedule shall govern this RFP. The Village reserves the right to change the scheduled dates and times at its sole discretion.

No.	Event	Date
1	Advertisement/ Distribution of RFP	March 17, 2025
2	**Non-Mandatory Pre-Conference Meeting** Key Biscayne BZP Conference Room 88 West McIntyre Street, Suite # 250, Key Biscayne, Florida 33149	**April 08, 2025** at 11:30 AM
3	**Closing Date for Bidder Questions**	**April 11, 2025 at 9:00 AM**
4	Village's Answers to Questions by Bidders	April 17, 2025
5	**Proposals Due and Opening on Zoom**	**May 01, 2025 at 11:30 AM**
6	Staff Member's Review of Technical Proposals	May 08, 2025
7	Reference Checks	May 08, 2025
8	Evaluation Committee Meeting	May 13, 2025
9	Presentations	TBD
10	Final Selection/Rank	May 20, 2025
11	Award Recommendation	June 10, 2025 or later
12	Contract Negotiation	June 17, 2025 or later

1.8 REQUEST FOR INFORMATION (RFI)

Vendors may request additional information, clarification, or modifications in the form of a Request for Information ("RFI"). Vendors seeking such information must email their RFIs to procurement@keybiscayne.fl.gov in order to receive a response. The request must include the vendor's name, the RFP number, and RFP title. Any RFI must be submitted prior to the deadline for questions indicated in the schedule of events in Section 1.4 to receive a response. Late or mis-delivered requests may not receive a Village response.

The Village will issue responses to RFIs, and any other corrections or amendments it deems necessary, in the form of a written addendum. The Village, at its sole discretion, may not issue a response to an RFI. Vendors should not rely on any representations made outside of these written addenda. Where a conflict appears between the RFP and any issued addendum, the last addendum issued will prevail.

Addenda will be made available on the Village of Key Biscayne website www.keybiscayne.fl.gov/procurement and DemandStar. It is the vendor's sole responsibility to ensure receipt of all addenda prior to submitting a response.

1.9 ADDENDA

If the Village finds it necessary to add to, or amend this RFP prior to the Response submittal deadline, the Village will issue written addenda/addendum. Each Vendor must acknowledge receipt of each addendum by signing the acknowledgement (Section 6) and providing it with its Response.

1.10 DISCREPANCIES, ERRORS AND OMISSIONS

Any discrepancies, errors, or ambiguities in the RFP or addenda (if any) should be reported in writing to the Procurement Division at procurement@keybiscayne.fl.gov. If applicable, the Village will issue a written addendum to the RFP clarifying such conflicts or ambiguities. It is agreed that any such alleged discrepancies, errors, or omissions will not be construed against the drafting party.

1.11 CERTIFICATION

The signer of the Response (to this RFP) must declare by signing the Forms included in Section 6 that the person(s), firm(s) and parties identified in the Response are interested in and available for providing the Services; that the Response is made without collusion with any other person(s), firm(s) and parties; that the Response is fair in all respects and is made in good faith without fraud; and that the signer of the cover letter of the Response has full authority to bind the person(s), firm(s) and parties identified in the Response.

1.12 PRE-CONFERENCE MEETING/SITE VISIT

A **NON-MANDATORY** Pre-Conference meeting/site visit will be held on **April 08 2025,** at 10:00 a.m. at the **Village of Key BZP Conference Room, 88 West McIntyre Street, Suite # 250, Key Biscayne, Florida 33149.** All interested Proposers are encouraged to attend.

It is the sole responsibility of the Proposer to inspect the project site and become familiar with the scope of the Village's requirements and systems prior to submitting a proposal. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a proposal will be considered evidence that the Proposer is familiar with the nature and extent of the work, equipment, materials, and labor required.

1.13 VILLAGE AUTHORITY

Proposals will be selected at the sole discretion of the Village. The Village reserves the right to waive any irregularities in the request process, to reject any or all proposals, reject a proposal which is in any way incomplete or irregular, re-bid the entire solicitation or enter into agreements with more than one Proposer. Proposals received after the deadline provided in this RFP will not be considered.

1.14 RESPONSE/PRESENTATION COSTS

The Village shall not be liable for any costs, fees, or expenses incurred by any Vendor in responding to this RFP, nor subsequent inquiries or presentations relating to its Response.

1.15 TERMS OF ENGAGEMENT

The Vendor, by submission of its Proposal, agrees to the terms and conditions contained in the contract attached hereto as Attachment "A," ("Contract") and further agrees to execute the Contract without

change. Notwithstanding, the Village, in its sole discretion, reserves the right to negotiate the final contract price or any terms and conditions.

The initial contract term is for one (1) years with the option to extend at its sole discretion for four (4) one-year (1-year) renewal terms for the maximum of five (5) years. The Proposer understands that this RFP does not constitute an agreement or a contract with the Proposer. A proposal is not binding until proposals are approved by the Village of Key Biscayne Council and both parties execute a written contract.

Proposals that are conditioned to additions, deletions, or revisions to the Contract's terms and conditions will be rejected as non-responsive.

1.16 NOTICE TO PROCEED

The Successful Proposer shall not begin work until the Village issues a written Notice to Proceed ("NTP"). Work performed by the Successful Proposer prior to receiving the NTP shall be deemed non-compensable by the Village. The Successful Proposer shall not have any recourse against the Village for prematurely performing unauthorized work.

END OF SECTION

SECTION 2. PROJECT DESCRIPTION

2.1 SCOPE OF WORK:

The Village seeks a certified Iguana Pest Control company for the management of the Green Iguana population within the Village. The selected Respondent shall provide support services to assist the Village in minimizing the impact of green iguanas in both private and public areas. This includes, but is not limited to, snaring, live trapping, capturing and removal (by hand or other methods), and nest destruction.

2.2 PROJECT OVERVIEW:

Services shall be provided and billed on a monthly basis. Monitoring of bridges, water basins, common access grounds, and other areas is to be conducted on a daily basis. Services will include, but not be limited to:

2.2.1 Minimizing the population and impact of green iguanas in public and private areas (land and water), using a wide variety of capturing techniques.

2.2.2 The contractor shall only access private property if an iguana nest is identified on the property through a visual inspection from outside the property, the contractor shall not enter private property unless explicitly directed by the Village."

2.2.3 Conducting a preliminary inspection in order to make an assessment of all areas requiring attention.

2.2.4 Responding to calls requesting assistance for removal and disposal of iguanas as needed.

2.2.5 If using traps, the traps must be checked at least once every 24 hours.

2.2.6 Working closely with the Village's Parks and Recreation department for maximum results and provide regular progress reports and photos.

2.2.7 Evaluating the effects of the project on an on-going basis to determine the effectiveness and merit of the program and its impact in the Village.

2.2.8 Services must be provided a minimum of two days per week.

2.3 TECHNICAL SPECIFICATIONS:

2.3.1 The Contractor shall locate trap, and remove iguanas (e.g., green Mexican spiny tailed and black spiny tailed) and other invasive lizard species (e.g., black and white tegu and monitor), The Village reserves the right to validate that the Contractor possess the ability to perform services referenced with this contract, including access to all equipment, hardware, labor and service experience and expertise.

2.3.2 The Contractor will perform an aggressive removal, focusing in the areas highly populated by iguanas. Once the highly populated areas are cleared, the Contractor will sweep the remaining areas.

2.3.3 The Contractor will perform services during the location operation hours, throughout the duration of the contract. Iguana removal will not occur on federal holidays, and when unsafe

to do so (e.g., tropical storms, hurricanes, wildfires, pandemics), in coordination with the Village Representative.

2.3.4 The Contractor will implement the most effective capture techniques(s) for the individual removal sites including but not limited to hand capture, catch poles, live trapping and egg removal. The extermination must be in accordance with all State, County and Local laws.

2.3.5 The Contractor will place traps in areas where snaring is not possible, the Contractor will incorporate custom built traps that are able to catch multiple iguanas. Traps will be placed in discrete areas and contact information will be displayed on them. The Contractor traps will be checked daily to ensure humane treatment of the animals.

2.3.6 The Contractor shall provide all labor, materials, equipment and supervisors necessary for the operation of services provided. All vehicles and trailers should be clearly marked with the company name and phone number.

2.3.7 Any night-time removal efforts will be conducted in a manner to minimize disturbance to people utilizing the parks or adjacent residential areas. The Contractor and staff will conduct themselves Iguana and Non-Native Lizard Removal Services professionally and will always consider public safety during the project.

2.3.8 The Contractor will visit waterways by boat, if necessary.

2.3.9 The Contractor will search for burrows and remove any eggs found. Burrows will collapse and filled in.

2.3.10 The Contractor will perform night visits to collect hatchlings, to be scheduled in coordination with the Village Representative.

2.3.11 The Contractor must be available twenty-four (24) hours a day, seven (7) days a week on an emergency basis. In an emergency situation where services are required immediately outside of the Village's business hours, the Village will contact the Contractor and the Contractor shall respond to the work within two (2) hours. The Contractor will provide a telephone number and email for use during emergency response.

2.3.12 The Contractor will provide a weekly report of findings in writing by Monday, 10:00 A.M. from the previous week to Village Representative, the report should include the following:

a. Date of service.
b. Location of service.
c. Number of iguana's removed per site.
d. Number of burrows filled per site.
e. Any additional comments.

2.3.13 All Contractors employees must wear clothing that clearly identifies the employee with the Contractor's company name and must have identification from the company.

2.3.14 The Contractor shall be responsible for creating a safe environment for their employees, Village employees, residents and visitors while performing services. Proper safety signs

and/or cones shall be used when necessary. The Contractor shall provide for a neat, clean, and safe environment at all times during all work.

2.3.15 Whenever the Contractor leaves a location, that location shall be clean, safe, and free of any tools and other materials related to the work. The Contractor shall properly dispose, at its own cost, of any and all waste, debris, and other objectionable material created through the work process.

2.4 PROPOSAL PRICE:

Price shall include all labor, supervision, equipment, tools, and machinery necessary to complete the work. Amounts are based on estimated quantities and should not be construed as guaranteed work unless indicated otherwise.

END OF SECTION

SECTION 3. PROPOSAL SUBMISSION REQUIREMENTS

3.1 PROPOSAL SUBMITTAL DEADLINE

The Proposal Submittal Deadline is included in Section 1 - Notice to Proposers, of this RFP. It is not required to include Section 1 – 5 with the submission of the RFP Proposal.

3.2 INTENT

The Village is requesting proposals from qualified and experienced firms to provide Iguana Pest Control Services under a continuing services contract. The intent is to demonstrate the qualifications, competence and capacity of the firms seeking to undertake the Iguana Pest Control Services for the Village in conformity with the requirements of this Request for Proposals.

3.3 ELIGIBILITY

In addition to other requirements stated in this document, to be eligible for award, Proposer must demonstrate the following in their response:

1. Must be appropriately licensed and in good standing with the Florida Department of Professional Regulation

2. Must have five (5) years of continuous operation under the same name providing the same Services.

3. Proposer's project team must have prior experience within the past five (5) years in the same field as the Services.

4. Proposer's principal-in-charge must have a minimum of five (5) years of experience within the same field as the Services; and

5. Proposer's project manager must have a minimum of five (5) years of experience in the same field as the Services with prior project management experience and must be capable of speaking and making decisions on behalf of the Respondent.

Each Bidder shall meet all legal, technical, and professional requirements for providing the requested Services.

The Bidder shall furnish such additional information as the Village may reasonably require. This includes information that indicates financial resources as well as ability to provide the Services. The Village reserves the right to make investigations of the Bidders' qualifications or any of its agents, as it deems appropriate.

3.4 RFP DOCUMENTS

These RFP documents consist of the Proposal Documents and the Agreement Documents. All forms and documents contained within the RFP and the Agreement shall be completed and submitted. A proposer's failure to comply with any provisions in the RFP or the Agreement may result in a determination of non-responsibility and/or non-responsiveness, at the sole discretion of the Village. All instructions in the RFP must be adhered to.

3.5 PROPOSAL FORMAT

A. The proposal shall be typewritten 8½ x 11-inch white paper.

B. All pages are to be consecutively numbered. If there is insufficient space for a response on a form, the response may be continued on a blank page immediately following the form. The additional pages are to be numbered the same as the form with the addition of the letter "a," "b," "c," etc. If a form is provided and additional pages are needed, the form may be copied. The copied pages are to be numbered the same as the form with the addition of the letter "a," "b," "c," etc.

C. In instances where a response is not required, or is not applicable or material to the proposal, a response such as "no response is required" or "not applicable" is acceptable.

D. The proposer shall compile and organize the responses according to the tabs listed below. Within the tabbed section, clearly organize and mark your responses according to the topics outlined below. It is particularly important to follow the format outlined below to assist the VILLAGE in the evaluation process. All proposals must include the following items. Responses must be in the same order as, and responsive to, the information requested. Unnecessarily elaborate proposals and/or lengthy presentations are not desired or required by the VILLAGE:

I. Tab A - Representations and Certifications

- Cover Sheet
- Proposal Forms listed in Section 6.
- Exhibit B: Fee Schedule
- ~~Exhibit D: Transition Plan~~
- Statement of Financial Stability

II. Tab B – Executive Summary

The proposer shall provide the following information in the order outlined below:

1. A title page
2. A table of contents
3. Executive Summary: This summary, limited to two typewritten pages, should provide a high-level description of the Proposer's ability to meet the requirements of the RFP and a statement describing why the proposer believes itself to be best qualified to provide the identified services.
4. Deliverables, tasks, activities, etc. as outlined in the Scope of Services.
5. List any exceptions to this RFP. Exceptions listed elsewhere will not be recognized.

III. Tab C – Qualifications and Experience

The proposer shall provide the following information in the order outlined below:

1. **Qualifications:** Provide a brief description of your firm, including:
   a. Qualification of Firm
   b. Qualification of Staff
   c. Industry Knowledge and Expertise
   d. Project Management and Special Services pertinent to this Solicitation; and Past Performance (The evaluation should consider past performance information regarding predecessor companies, key personnel who have relevant experience, or subcontractors that will perform major or critical

aspects of the requirement when such information is relevant to this solicitation. Past performance information should also include recent and relevant contracts for the same or similar items and other references including contract numbers, points of contact with telephone numbers and other relevant information).

2. **Service Team and Resume**
   a. Provide an organizational chart of the team that would serve the VILLAGE
   b. Provide detailed descriptions of each team member's role, responsibilities, experience, and education. Also provide a current one-page resume for each member.
   c. Provide information on the relevant experience of each team member.
   d. Describe what approach the team would take in providing services to VILLAGE. Indicate type and frequency of meetings and other forms of communications.

3. **Provide a Personnel Plan that includes:**
   a. A complete operating plan with organizational chart and supporting information which illustrates the proposed staffing plan for each operation on a daily, weekly, and monthly basis for all types of positions included in the proposal.
   b. Provide data for which staffing levels are based and include employee qualifications for the positions, full-time/part-time status, process for staffing and determinations and process for adjustments.
   c. The organizational chart must include managerial positions assigned to VILLAGE and Corporate levels for the Proposer's company with the corresponding roles to VILLAGE staff.
   d. Provide detailed description of each position's role and responsibilities.

IV. Tab D – Subcontracting Plan

The proposer shall submit a subcontracting plan with the proposal. The plan shall specifically identify names of potential subcontractor(s), or area to be sub-contracted, field of expertise, number of years in the field, proposed dollars amount of subcontracting effort by category and references. This plan will be incorporated into the winning contractor's contract and monitored throughout the life of the contract for compliance.

V. TAB E – Proposal Approach

The Proposer must submit a comprehensive approach to implementation of the Project in accordance with the Scope of Work in Section 2, of this RFP. The comprehensive approach must provide information regarding the documentation and ability to furnish the services necessary to implement the Project in accordance with the Package, and the any innovative technology solutions to be employed in the provision of the Services for the Project.

VI. **TAB G – Insurance.**
Proposers must provide evidence of insurance currently in place that meets or exceeds the specifications herein or a commitment from an insurance company that such insurance coverage may be obtained by the Proposer prior to entering into an agreement with the Village. The successful Proposer(s) must submit, prior to signing of a contract, a Certificate of Insurance naming the Village as an additional insured and meeting the requirements set forth in the form attached to this RFP as Attachment "B."

E. The following items shall be submitted by the successful proposer after the award of the Agreement (at the time specified herein).
- Exhibit C: Certificate of Insurance

3.6 SUBMITTAL, RECEIPT AND OPENING OF PROPOSALS

CONTRACTOR's solicitation response must be submitted electronically through DemandStar (www.demandstar.com), the Village's designated electronic bidding system. It is solely the CONTRACTOR's responsibility to ensure its response is submitted and received in DemandStar by the date and time specified in the solicitation. The Village will not consider responses received by any other means. The official time for electronic submittals is the DemandStar server. All parties will, without reservation, accept the official time. Any bid may be rejected for noncompliance with requirements after a full review by the Village. The sealed submittals will be publicly opened at the Village of Key Biscayne, Village Hall after the Proposal Submittal Deadline. Award of a proposal will be made at a Village Council meeting.

ZOOM INFORMATION FOR RFP OPENING

Village of Key Biscayne Proposal Opening for RFP # 2025-02 Iguana Pest Control Services

J Join Zoom Meeting
https://us06web.zoom.us/j/83730518515?pwd=b8Hpto2NzwtJoig4C9LoQbNlB8rGGU.1

Meeting ID: 837 3051 8515
Passcode: 376971

Date: May 01, 2025, 11:35 a.m.

3.7 WITHDRAWAL OR REVISION OF PROPOSAL PRIOR TO AND AFTER SUBMITTAL DEADLINE

Once a proposal has been submitted by the Proposal Submittal Deadline, it shall not be returned to the proposer.

3.8 PROPOSAL GUARANTEE

All proposals shall be guaranteed firm for a minimum of 90 calendar days after the submission of the proposal.

3.9 MULTIPLE PROPOSAL PROHIBITED

More than one proposal from an individual, firm, partnership, corporation, or association under the same or different names shall not be considered. Reasonable grounds for believing that a proposer participates in more than one proposal for the same work shall be cause for rejection of all proposals in which such

proposers are believed to be involved. In addition, a single proposal from more than one individual, firm, partnership, corporation, or association under the same or different names shall not be considered. Joint ventures shall be permitted; however, such arrangements shall designate a single primary proposer or shall be combined into a single legal entity. The Village shall only consider one proposal from one proposer.

3.10 ADDITIONAL TERMS AND CONDITIONS

Proposer shall state any exceptions/deviations from the RFP requirements or Agreement. Exceptions to the Agreement should contain a summary of every objection or deviation with adherence to specific RFP or Agreement sections.

3.11 INTERPERPRETATIONS AND INQUIRIES

A. Submission of a proposal shall serve as prima facie evidence that the proposer has examined the Agreement and is fully aware of all conditions affecting the provision of services.

B. No person is authorized to give oral interpretations of, or make oral changes to, the RFP or the Agreement. Therefore, oral statements shall not be binding and should not be relied upon.

C. Any interpretation of, or changes to, the RFP or the Agreement shall be made in the form of a written addendum to the RFP or the Agreement and shall be furnished by the Village to all proposers who attend the mandatory pre-proposal conference. Only those interpretations of, or changes to, the RFP or the Agreement that are made in writing and furnished to the proposers by the Village may be relied upon.

3.12 IRREGULARITIES & RESERVATION OF RIGHTS

Proposals will be selected at the sole discretion of the Village. The Village reserves the right to waive any irregularities in the request process, to reject any or all proposals, reject a proposal which is in any way incomplete or irregular, re-bid the entire solicitation or enter into agreements with more than one respondent. Proposals received after the deadline provided in this RFP will not be considered.

The Village reserves the right to award one or more contract(s) to the Contractor who will best serve the interests of the Village and whose Proposals meet the requirements and criteria set forth in this RFP. Notwithstanding, the Village may, at its sole discretion, reject all Proposals and cancel the solicitation, in which case no award will be made.

The Village reserves the right to accept or reject any or all Proposals, based upon its deliberations and opinions. In making such determination, the Village reserves the right to investigate the financial capability, integrity, experience and quality of performance of each Contractor, including officers, principals, senior management and supervisors, as well as the staff identified in the Proposal.

Proposers shall furnish additional information as the Village may require. This includes information that indicates financial resources as well as ability to provide the requisite services. The Village reserves the right to make investigations of the qualifications of the firm as it deems appropriate, including but not limited to background investigations and checking references.

3.13 PROPOSAL/PRESENTATION COSTS

The Village shall not be liable for any costs, fees, or expenses incurred by any Consultant in responding to this RFP, nor subsequent inquiries or presentations relating to its Proposal.

END OF SECTION

SECTION 4. EVALUATION OF THE PROPOSAL

4.1 SELECTION COMMITTEE

Proposals submitted shall be evaluated by the Selection Committee. The Selection Committee shall convene at a publicly noticed meeting to review submissions, rank and evaluate the proposals, and provide a recommendation for the award. Each Selection Committee Member and the Technical Advisor shall complete and execute an independence affidavit.

4.2 QUALIFICATION EVALUATION

A. The evaluation of proposals and the determination of responsiveness and responsibility shall be the responsibility of the Selection Committee. Such a determination shall be based on information furnished by the proposer, as well as other information reasonably available to the Village.

B. The Selection Committee shall examine the documentation submitted in the proposal to determine the responsiveness of each proposer. Failure to provide the required information may disqualify any such proposal as non-responsive and such proposal may not be considered. The Selection Committee may disqualify any proposers that make exaggerated or false statements.

C. The Selection Committee may make such investigations as it deems necessary to determine the responsibility and ability of the proposer and the proposer shall furnish the Village all such information for this purpose as the Village may request before and during the proposal period. The Selection Committee reserves the right to make additional inquiries, interview some or all proposers, make site visits, obtain credit reports, or take any other action it deems necessary to fairly evaluate all proposers. The Selection Committee may reject a proposer or qualify a proposer.

4.3 RESPONSIVENESS

The factors to be considered in determining the responsiveness of each proposer include but are not limited to the following:

A. Completion, accuracy, and submission of all required documentation.

B. Compliance with all requirements of the RFP, including adherence to all RFP instructions.

C. Consistency of the offered goods or services as set forth in the Agreement.

D. Accuracy of mathematical calculations.

4.4 RESPONSIBILITY

The factors to be considered in determining the responsibility of a proposer shall include but not be limited to the following:

A. Proposers experience and performance.

B. Financial ability to perform the services described in the Agreement. Proposers must demonstrate financial stability. Proposers shall provide a statement of their financial stability,

including information as to current or prior bankruptcy proceedings by providing the following:

i. A copy of the most recent audited annual financial statements containing a balance sheet, an income statement, and a statement of cash flows;
OR

ii. Non-audited financial statements containing a balance sheet, an income statement, and a statement of cash flows plus a complete federal tax return for the last two (2) years.

Social Security and/or bank account numbers should be redacted on the statements/federal tax returns.

In lieu of submitting the above documentation, proposer may submit alternative documentation that demonstrates their financial ability to perform the services described herein; however, a complete financial evaluation cannot be conducted without the above documentation.

C. The financial statements requested are developed into nine financial ratios which include the following:

i. Liquidity - measures a business's ability to cover its obligations, without having to borrow or invest money in the business.
ii. Working Capital - measures liquid assets that provide a safety cushion to creditors.
iii. Solvency - assesses a company's ability to meet its long-term obligations and therefore remain solvent and avoid bankruptcy.
iv. Gross Margin - indicates the percentage of sales (revenue) dollars available for expenses and profit after the cost of materials is deducted from the sales (revenue).
v. Free Cash Flow - tells how much cash is left over from operations after a company pays for its capital expenditures.
vi. Account Receivables – as a percentage of current assets, which will provide information about assets not yet received and therefore unavailable at the present time to be used as resources.
vii. Receivables to Current Assets - receivables as a percentage of current assets that would reveal the size of receivables in current assets and the opportunity cost associated with it.
viii. Long Term Debt - measurements representing the percentage of a corporation's assets that are financed with loans and financial obligations lasting more than one year.
ix. Cash Ratio - an indicator of a company's liquidity by measuring the amount of cash, cash equivalents or invested funds there are in current assets to cover current liabilities.

**Proposers will only be compared to other firms that submit a proposal, to determine relative positions of financial ability and stability. **

D. Litigation history

E. The scope and content of any investigations, reports or audits relating to, or communications

with, the proposer that have been commenced or issued by any local, state, or federal law enforcement agency, criminal justice agency, health and safety agency or inspector general office.

F. Whether the proposer has failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.

G. Availability of appropriate material, equipment, facility and personnel resources and expertise, or the ability to obtain them, to meet all requirements of the Agreement.

H. Whether the proposer or its partners, officers or key personnel or its subsidiaries or parent company have been engaged in any criminal activity or have been convicted of any crimes.

4.5 EVALUATION PROCESS

A. The Selection Committee shall convene at a publicly noticed meeting and collectively discuss and review the proposals. Each member of the Selection Committee shall evaluate and rank each proposal in each of the categories listed in this section and compute a final ranking. The Selection Committee Chairperson shall tally the final rankings and announce the final total ranking. A sample of the ranking form used by the Selection Committee is included in this Section.

B. Proposals shall be evaluated and ranked based on the following categories:

Category	**Score (Points)**
Experience / Qualifications / Work Reference of Entity and Success	20
Experience / Qualifications / Work Reference of Personnel	20
Service / Program Plan / Approach	35
Price(20)/Financial Strength and Sustainability(5)	25
Total:	**100 Points**

C. The Selection Committee may interview some or all the proposers. During the evaluation process, the Selection Committee may request any or all proposers to make oral presentations. Based on the final rankings resulting from the process described above, the Selection Committee will make a recommendation for award of the Agreement.

D. In the event of a tie, the price proposal shall be the basis for determining the award recipient.

4.6 AWARD

Following notification of the firm(s) selected, the Village Council may authorize the Village Manager to execute an agreement with the top ranked proposer, and if determined to be in the best interest of the Village, any additional proposers, in order of rank.

SAMPLE RANKING FORM

Evaluation Criteria	Firm #1	Firm #2	Firm #3	Firm #4
Experience / Qualifications / Work Reference of Entity and Success				
Experience / Qualifications / Work Reference of Personnel				
Service / Program Plan / Approach				
Price(20)/Financial Strength and Sustainability(5)				
Total				
Ranking				

END OF SECTION

SECTION 5. GENERAL REQUIREMENTS

5.1 RETENTION OF PROPOSAL

The Village reserves the right to retain all Proposals submitted and use any ideas contained in any Proposals, regardless of whether that Bidder is selected.

5.2 PUBLIC RECORDS

Florida law provides that municipal records should be open for inspection by any person under Chapter 119, F.S. Public Records law. All information and materials received by the Village in connection with the Proposals shall become property of the Village and shall be deemed to be public records subject to public inspection.

5.3 LOBBYIST REGISTRATION

Respondents must comply with the Village's lobbyist regulations. Please contact the Village Clerk at (305) 365-5506 for additional information.

5.4 PERMITS, TAXES, LICENSES

The Vendor shall, at its own expense, obtain all necessary permits, pay all licenses, fees and taxes required to comply with all local ordinances, state and federal laws, rules, regulations and professional standards that would apply to this contract.

5.5 LAWS, ORDINANCES

The Vendor shall observe and comply with all federal, state, and local laws, including ordinances, rules, regulations and professional standards that would apply to the contract.

5.6 NON-APPROPRIATION OF FUNDS

In the event that insufficient funds are appropriated, and budgeting or funding is otherwise unavailable or not allocated in any fiscal period for the Agreement, the Village shall have the unqualified right to terminate the Work Order(s), and/or Agreement, upon written notice to the Successful Proposer, without any penalty or expense to the Village or recourse against the Village. No guarantee, promise, warranty, or representation is made that any work or project(s) will be assigned to the Successful Proposer.

5.7 PUBLIC ENTITY CRIMES ACT

In accordance with the Public Entity Crimes Act, (Section 287.133, Florida Statutes) a person or affiliate who is a contractor, who had been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to the Village, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases or real property to the Village, may not be awarded or perform work as a contractor, supplier, subcontractor, or CONTRACTOR under a contract with any public entity, and may not transact business with the Village in excess of the threshold amount provided in Section 287.917, Florida Statutes, for Category Two for a period of 36 months form the date of being placed on the convicted vendor list. Violation of this section by the Contractor shall result in rejection of the Bid, termination of the contract, and may cause Contractor debarment.

5.8 KEY PERSONNEL

Subsequent to submission of a Proposal and prior to award of an Agreement, Key Personnel shall not be changed. Proposers shall not change any member of their Key Personnel without just cause and prior

written approval by the Village. The Village reserves the right to request additional documentation, as required by the RFP prior to making its determination. If the Village does not accept the proposed change(s), the Proposal may be rejected and not considered for award.

5.9 E-VERIFY

Successful Bidder shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any Subcontractor performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Subcontractor during the Contract term.

5.10 CONFLICT OF INTEREST

Proposers, by responding to this RFP, certify that to the best of their knowledge and belief, no elected/appointed official or employee of the Village is financially interested, directly or indirectly, in the purchase of goods/services specified in this RFP. Any such interests on the part of the Proposer or its employees shall be disclosed in writing to the Village. Further, Proposers shall disclose the name of any Village employee who owns, directly or indirectly, an interest of five percent (5%) or more of the total assets of capital stock of the Proposing firm.

5.11 DEBARRED/SUSPENDED VENDORS

An entity or affiliate who has been placed on the State of Florida or Federal debarred or suspended vendor list may not: a) submit a Proposal on a contract to provide goods or services to a public entity; b) may not submit a Proposal on a contract with a public entity for the construction or repair of a public building or public work; c) may not submit a Proposal on leases of real property to a public entity; d) may not be awarded or perform work as a contractor, design-builder, supplier, subcontractor, or consultant under contract with any public entity; and e) may not transact business with any public entity.

5.12 NON-DISCRIMINATION

Proposer agrees that it shall not discriminate by race, gender, color, age, religion, national origin, marital status, or disability in connection with its performance under this RFP. Furthermore, Proposer agrees that no otherwise qualified individual shall solely by reason of his/her race, gender, color, age, religion, national origin, marital status, or disability be excluded from the participation in, be denied benefits of, or be subjected to, discrimination under any program or activity called for or required in connection with services rendered under this Agreement.

5.13 UNETHICAL BUSINESS PRACTICE PROHIBITIONS

Proposer represents and warrants to the Village that it has not employed or retained any person or company employed by the Village to solicit or secure the award of the Agreement and that it has not offered to pay, paid, or agreed to pay any person any fee, commission, percentage, brokerage fee, or gift of any kind, contingent upon or in connection with, the award of the Contract.

5.14 ADDITIONAL TERMS AND CONDITIONS

No additional terms and conditions included in the Proposal shall be evaluated or considered, and any and all such additional terms and conditions shall have no force or effect and are inapplicable to this solicitation. If submitted purposely, through either intent or design, or inadvertently, appearing separately in transmittal letters, specifications, literature, price lists, or warranties, it is understood and agreed that the General and Special Conditions in this solicitation are the only conditions applicable to this solicitation

and that the Proposer's authorized signature affixed to the Proposer's acknowledgment form, attests to this.

5.15 ASSIGNMENT, NON-TRANSFERABILITY OF PROPOSAL

A. Proposals shall not be assigned or transferred. A proposer who is, or may be, purchased by or merged with any other corporate entity during any stage of the proposal process, through to and including awarding of and execution of the Agreement, is subject to having its proposal disqualified as a result of such transaction. The Village Manager shall determine whether a proposal is to be disqualified in such instances.

B. If, at any time during the proposal process, filings, notices or like documents are submitted to any regulatory agency concerning the potential acquisition of proposer, or the sale of a controlling interest in the proposer, or any similar transaction, the proposer shall immediately disclose such information to the Village. Failure to do so may result in the proposal being disqualified, at the Village's sole discretion.

5.16 PUBLIC RECORDS

Upon award recommendation or 30 days after proposal opening, whichever is earlier, any material submitted in response to this RFP shall become a "public record" and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes (Public Records Law). Proposers shall claim the applicable exemptions to disclosure provided by law in their response to the RFP by identifying materials to be protected and shall state the reasons why such exclusion from public disclosure is necessary and legal. The Village reserves the right to make all final determination(s) of the applicability of the Florida Public Records Law.

5.17 PUBLIC ENTITIES CRIME

A. A person or affiliate as defined in Section 287.133, Florida Statutes, who or which has been placed on the convicted vendor list maintained by the Florida Department of Management Services following a conviction for a public entity crime, may not submit a proposal to provide any goods or services to the Village and may not transact business with the Village in an amount set forth in Section 287.017, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list.

B. By submitting a response, the proposer certifies that it is qualified under Section 287.133, Florida Statutes, to provide the services set forth in the Agreement.

5.18 SCRUTINIZED COMPANIES

Pursuant to Section 287.135, Florida Statutes, a Proposer is ineligible to, and may not submit a Proposal for, or enter into or renew a contract with VILLAGE for goods or services if at the time of submitting a Proposal for a new contract or renewal of an existing contract:

A. for any contract amount, if the Proposer is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel;

B. if $1 million or more and the Proposer is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; or

C. if $1 million or more and the Proposer is engaged in business operations in Cuba or Syria.

5.19 EXAMINATION OF CONDITIONS

It shall be the Proposer's responsibility to visit the proposed work site(s) and to thoroughly familiarize himself with the nature and extent of the work to be performed and all local existing site conditions, to make his own estimate of the facilities and difficulties attending the execution of the work; no allowance shall be made by the Village for the Proposer's failure to do so.

5.20 BID GUARANTY - N/A

5.21 BONDS – N/A

5.22 INSURANCE REQUIREMENTS

Proposer shall secure and maintain throughout the duration of the Contract, if selected, insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Proposer's insurance and shall not contribute to the Proposer's insurance. The insurance coverage shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent. Copies of the Proposer's actual Insurance Policies as required herein and Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured. Each Policy and certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. All coverage forms must be primary and non-contributory, and the Proposer shall provide a waiver of subrogation for the benefit of the Village. The Proposer shall be responsible for assuring that the insurance policies and certificates required by this Section remain in full force and effect for the duration of the Project.

a) Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Proposer. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

b) Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 for each accident. No employee, subcontractor or agent of the Proposer shall be allowed to provide Services pursuant to this RFP who is not covered by Worker's Compensation insurance.

c) Business Automobile Liability with minimum limits of $1,000,000.00 per Occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non- Owned Vehicles.

The Successful Proposer(s) shall, within ten (10) days of receipt of a written notice of the Award of the Contract, deliver to the Village a fully executed Contract and all requested certificates of insurance and bonds.

5.23 CONE OF SILENCE

To ensure fair consideration for all Proposers, a Cone of Silence is enforced starting on the posting date of the proposal submission. Proposers are asked not to communicate with any department, division, or employee from the submission package concerning the proposal until an award decision has been made. Any communication between Proposer and the Village in order to obtain information or clarification needed to develop a proper, accurate evaluation of the proposal should be conducted through the Village Procurement Officer, Daren Jairam at djairam@keybiscayne.fl.gov or procurement@keybiscayne.fl.gov.

END OF SECTION

SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☐ Form 1: Response Checklist
- ☐ Form 2: Addendum Acknowledgment
- ☐ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - ▪ Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - ▪ Form 3B: Certificate of Authority (for Individuals)
- ☐ Form 4: Proposer's Statement of Organization
- ☐ Form 5: References
- ☐ Form 6: Affidavits
  - • Form 6A: Single Execution Affidavits
  - • Form 6B: Independence Affidavit
  - • Form 6C: Non-Collusion Affidavit
- ☐ Form 7: Drug Free Workplace
- ☐ Form 8: Certification to Accuracy of Proposal
- ☐ Form 9: Scrutinized Companies
- ☐ Form 10: Public Entity Crimes
- ☐ Form 11: Dispute Disclosure
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☐ A: Sample Contract

EXHIBITS

- ☐ A: Scope of Services
- ☐ B: Fee Schedule/Price Proposal
- ☐ C: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
IGUANA PEST CONTROL SERVICES
Solicitation No.:
RFP # 2025-02

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. 1, Dated 4/17/2025
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: Iggy Trap of Florida, LLC

Authorized Representative's Name: Pierce Kennamer

Title: President and Founder

Email: pkennamer@iggytrap.com

Phone Number: (888) 355-4449

Address: 1330 NW 14th Street, Boca Raton, FL 33486

Authorized Signature: _____

IGGYTRAP™

Florida's Iguana Solution

REQUEST FOR PROPOSAL
RFP #2025-02
IGUANA PEST CONTROL SERVICES

Contact information:
Pierce Kennamer, President and Founder
pkennamer@iggytrap.com
www.iggytrap.com
Phone: 1-(888)-355-4449

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of Iggy Trap of Florida, LLC a business existing under the laws of the State of Florida, (the "Entity") held on April 30th, 2025, the following resolution was duly passed and adopted:

"RESOLVED, that, Pierce Kennamer, as President and Founder of the Entity, be and is hereby authorized to execute this Proposal dated April 30th, 2025, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this 30th day of April, 2025.

Secretary: _____

Print Name: ETHAN COTTO

President: _____

Print Name: PIERCE KENNAMER

(Seal)

NOTARY PUBLIC
CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I, N/A ("Affiant") being first duly sworn, deposes and says:

1. I am the N/A

   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: N/A

   N/A doing

   business as N/A, the

   Contractor that has submitted the attached Proposal.
2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.
3. I am authorized to execute the Proposal dated N/A, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, will be the official act and deed of this attestation.

In the presence of:

N/A

Witness #1 Print Name: N/A

Witness #2 Print Name: N/A

Signed, sealed and delivered by:

N/A

Print Name: N/A

Title: N/A

ACKNOWLEDGMENT

State of Florida
County of N/A

On this N/A day of N/A, 20N/A, before me the undersigned, personally appeared N/A, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

N/A

Notary Public (Print, Stamp, or Type as Commissioned)

N/A Personally known to me; or
N/A Produced identification (Type of Identification: N/A)
N/A Did take an oath; or
N/A Did not take an oath

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   IGGY TRAP OF FLORIDA, LLC

2. Principal Business Address, Phone and Email Address:
   Address: 4100 N Powerline Road, Suite Q2, Pompano Beach, FL 33073
   Phone: (888) 355-4449
   Email Address: sales@iggytrap.com

3. Principal Contact Person(s):
   Pierce Kennamer, President and Founder

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
   S-Corporation
   A. If a corporation, in what state incorporated: Florida
   B. Date Incorporated: 1-25-2023
   C. Federal ID Number (EIN) 92-2335539
   D. If a joint Venture or Partnership, date of Agreement: N/A
   E. Name and address of all partners (state whether general or limited partnership): N/A
   F. If other than a corporation or partnership describe, organization and name of principals. N/A

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Pierce Kennamer	President and Founder

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFP Agreement. 4

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	IGGY TRAP OF FLORIDA LLC	1330 NW 14th Street, Boca Raton, FL 33486	Proposal Company
B.			
C.			
D.			

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. Company will complete all work for proposal, no subcontractors will be used.
   B.
   C.

D. _____

9. County or municipal business tax receipt number (attach copies):
   County: 60-8019274718-9
   Municipal: _____

10. Have you ever failed to complete any work awarded to you?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest?
Yes ___ **No** X **If yes, attach a separate sheet of explanation.**

22. Have you made a site visit? Yes! X Yes, _____ No

23. How soon after the award can you begin work? 1 Days.

24. List any licenses, permits or certifications, etc., you hold for performing this type of work:
FWC Conditional/Prohibited/Nonnative Species Permit

25. **How did you hear about the RFP?** Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. DemandStar and Village of Key Biscayne Website

Signature (Blue ink only)

PIERCE KENNAMER
Print Name

PRESIDENT
Title

4/29/2025
Date

STATE OF Florida)
COUNTY OF Palm Beach)
The foregoing instrument was acknowledged before me this 30 day of April, 2025
by Pierce Kennamer as President
(Name of person acknowledging) *(Title)*
for Iggy Trap of Florida LLC.
(Company name)
Personally known to me ____ or has produced Identification ✓ type of identification
produced Florida ID.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

Christine Zarokyan
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company: Florida Power & Light - Riviera Beach

Reference Contact Name: Wilfredo Rosario

Contact Title: Environmental Specialist

Contact Telephone: (561) 863 1808

Contact Email: wilfredo.Rosario@FPL.com

Contract Start Date: 6/2024 Contract End Date: ongoing

REFERENCE #2

Name of Company: Pinecrest PROS

Reference Contact Name: Daniel Alberty

Contact Title: Assistant Parks and Recreation Director

Contact Telephone: (305) 284 0930

Contact Email: dalberty@pinecrest-fl.gov

Contract Start Date: 4/2025 Contract End Date: 5/2025

REFERENCE #3

Name of Company: 2100 Association

Reference Contact Name: Alex Pezzuto

Contact Title: Manager

Contact Telephone: (561) 582-4285

Contact Email: 2100south@gmail.com

Contract Start Date: 1/2024 Contract End Date: Ongoing

REFERENCE #4

Name of Company: City of West Palm Beach - Woodlawn Cemetery

Reference Contact Name: Willie Green

Contact Title: Maintenance Supervisor

Contact Telephone: (561) 804-4935

Contact Email: wgreen@cwpb.org

Contract Start Date: 1/2025 **Contract End Date:** Ongoing

REFERENCE #5

Name of Company: Royal Poinciana POA

Reference Contact Name: Andrea Brenner

Contact Title: HOA President

Contact Telephone: (561) 702-7094

Contact Email: HouseofBrenner@aol.com

Contract Start Date: 10/2023 **Contract End Date:** ongoing

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Pierce Kennamer, President and Founder, Iggy Trap of Florida LLC

For (Name of Proposing or Bidding Entity): Iggy Trap of Florida, LLC

Whose business address is: 1330 NW 14th Street, Boca Raton, FL 33486

And (if applicable) its Federal Employer Identification Number (FEIN) is: 92-2335539

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#: N/A)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[ ] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime after July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime after July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade

County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this RFP at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this RFP is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this RFP at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this RFP. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFP # 2025-02 IGAUNA PEST CONTROL SERVICES** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For the purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Witness #1 Print Name: Arlene Mosberg

Witness #2 Print Name: Claudia Sanchez Melendez

Signed, sealed and delivered by:

Print Name: PIERCE KENNAMER

Title: PRESIDENT

ACKNOWLEDGMENT

State of Florida

County of Palm Beach

On this 30 day of April, 2025, before me the undersigned, personally appeared Pierce Kennamer, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

__✓__Produced identification (Type of Identification: Florida Drivers License)

_____Did take an oath; or

_____Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am Pierce Kennamer of Iggy Trap of Florida LLC, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

Signature (Blue ink only)

PIERCE KENNAMER
Print Name

PRESIDENT
Title

4/29/2025
Date

STATE OF Florida)
COUNTY OF Palm Beach)
The foregoing instrument was acknowledged before me this 30 day of April, 2025
by Pierce Kennamer as president
(Name of person acknowledging) (Title)
for Iggy Trap of Florida LLC.
(Company name)
Personally known to me _____ or has produced Identification ✓, type of identification
produced Florida ID.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Christine Zarokyan
PRINT, TYPE/STAMP NAME OF NOTARY

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Pierce Kennamer of Iggy Trap of Florida LLC, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFP is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

PIERCE KENNAMER
Print Name

PRESIDENT
Title

4/29/2025
Date

STATE OF Florida)
COUNTY OF Palm Beach)
The foregoing instrument was acknowledged before me this 30 day of April, 2025
by Pierce Kennamer as president
(Name of person acknowledging) (Title)
for IGGY Trap of Florida LLC.
(Company name)
Personally known to me ____ or has produced Identification ✓, type of identification
produced Florida ID.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

Christine Zarokyan
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that Iggy Trap of Florida LLC does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFP document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFP or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

PIERCE KENNAMER

Print Name

PRESIDENT

Title

4/29/2025

Date

STATE OF Florida)
COUNTY OF Palm Beach
The foregoing instrument was acknowledged before me this 30 day of April, 2025
by Pierce Kennamer (Name of person acknowledging) as president (Title)
for Iggy Trap Florida LLC. (Company name)
Personally known to me ____ or has produced Identification ✓ type of identification
produced Florida ID.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

Christine Zarokyan

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFP and the Agreement has taken place, and that the proposer is fully informed and understands the requirements of the RFP and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Pierce Kennamer of Iggy Trap of Florida LLC, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF Florida)
COUNTY OF Palm Beach)
The foregoing instrument was acknowledged before me this 30 day of April, 2025
by Pierce Kennamer as president
(Name of person acknowledging) *(Title)*
for IGGY Trap Florida LLC.
(Company name)
Personally known to me _____ or has produced Identification ✓, type of identification produced Florida ID

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Christine Zarokyan
PRINT, TYPE/STAMP NAME OF NOTARY

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 516220
My comm. expires April 18, 2028

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

PIERCE KENNAMER

Print Name

PRESIDENT

Title

4/29/2025

Date

STATE OF Florida)
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me this 30 day of April, 2025
by Pierce Kennamer as president
(Name of person acknowledging) *(Title)*
for IGGY Trap of Florida LLC.
(Company name)

Personally known to me ____ or has produced Identification ✓, type of identification produced Florida ID.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Christine Zarokyan

PRINT, TYPE/STAMP NAME OF NOTARY

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. RFP # 2025-02

2. This sworn statement is submitted by: Iggy Trap of Florida LLC
(name of entity submitting sworn statement)

whose business address is: 1330 NW 14th Street Boca Raton, FL 33486

Federal Identification Number (FEIN) is: 92-2335539
(if applicable)

Social Security Number: N/A

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: Pierce Kennamer
(print name of individual signing this document)

and my relationship to the entity is: President and Founder of Iggy Trap of Florida LLC

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
   (a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. __X__Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime after July 1, 1989.

   b. _____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

      1) _____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) _____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

Signature (Blue ink only)

PIERCE KENNAMER
Print Name

PRESIDENT
Title

4/29/2025
Date

STATE OF Florida)
COUNTY OF Palm Beach
The foregoing instrument was acknowledged before me this 30 day of April, 2025
by Pierce Kennamer as president
(Name of person acknowledging) (Title)
for IGGY Trap of Florida LLC.
(Company name)
Personally known to me _____ or has produced Identification ✓, type of identification produced Florida ID.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

Christine Zarokyan
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No." If you answer "Yes," please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO X

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO X

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO X

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: Iggy Trap of Florida LLC

Authorized Signature: 

Print or Type Name: Pierce Kennamer

Title: President and Founder

Date: 4/30/2025

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract's general conditions. Failure to provide this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
	None		

FORM 13 – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

IGUANA PEST CONTROL SERVICES

Proposal of Iggy Trap of Florida LLC

(Name)

1330 NW 14th Street Boca Raton FL 33486

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

IGUANA PEST CONTROL SERVICES

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.

The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. The failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No. Not Required for Iguana Removal Industry

Bidder's Occupational License No. 60-8019274718-9

WITNESS:

Arlene Mosberg

Arlene Mosberg

By: _____

Signature of Authorized Agent

[SEAL]

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

ATTACHMENT A

SERVICES AGREEMENT BETWEEN THE VILLAGE OF KEY BISCAYNE AND NAME OF ENTITY

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____ _____, 2024 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **NAME OF ENTITY**, a Florida [type of entity] (hereinafter, the "Consultant").

WHEREAS, the Village desires certain **IGUANA PEST CONTROL SERVICES** and

WHEREAS, the Consultant will perform services on behalf of the Village, all as further set forth in the Proposal dated _____, 2025, attached hereto as Exhibit "A" (the "Services"); and

WHEREAS, the Consultant and Village, through mutual negotiation, have agreed upon a fee for the Services; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. **Scope of Services.**

   1.1. Consultant shall provide the Services set forth in the Proposal attached hereto as Exhibit "A" and incorporated herein by reference (the "Services").

   1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. **Term/Commencement Date.**

   2.1. The term of this Agreement shall be from the Effective Date through one (1) years thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for four (4) additional one (1) year periods on the same terms as set forth herein upon written notice to the Consultant.

   2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. **Compensation and Payment.**

3.1. Compensation for Services provided by Consultant shall be in accordance with the Proposal attached hereto as Exhibit "A." Consultant shall be compensated a flat rate, lump sum fee in the amount of $XXXX.XX per month.

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in a delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village, and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. **Consultant's Responsibilities; Representations and Warranties.**

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first-class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. **Conflict of Interest.**

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. **Termination.**

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. **Insurance.**

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village,

naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverage shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply to all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 for each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. **Certificate of Insurance.** Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. **Additional Insured.** Except with respect to Professional Liability Insurance and Worker's Compensation Insurance, the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. **Deductibles.** All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. **Nondiscrimination.** During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. **Attorney's Fees and Waiver of Jury Trial.**

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. **Indemnification.**

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. **Notices/Authorized Representatives.** Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. **Governing Law and Venue**. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. **Entire Agreement/Modification/Amendment.**

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. **Ownership and Access to Records and Audits.**

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any or all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records:	**Jocelyn B. Koch**
Mailing address:	**88 West McIntyre Street**
	Key Biscayne, FL 33149
Telephone number:	**305-365-5506**
Email:	**jkoch@keybiscayne.fl.gov**

17. Nonassignability. This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. Severability. If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. Independent Contractor. The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. Compliance with Laws. The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **Public Entity Crimes Affidavit.** Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

25. **Counterparts.** This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. **Conflicts.** In the event of a conflict between the terms of this Agreement and any exhibits or attachments hereto, the terms of this Agreement shall control.

27. **E-Verify Affidavit.** In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Contractor acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

[Remainder of page intentionally left blank. Signature pages follow.]

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONTRACTOR

By: _____

Name: _____

Title: _____

Entity: **LEGAL NAME OF ENTITY**

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____ (email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____ (facsimile)
_____(email)

SAMPLE

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

Witness #1 Print Name: ArLene Mosberg

Witness #2 Print Name: Claudia Sanchez M

Signed, sealed and delivered by:

Print Name: PIERCE KENNAMER

Title: PRESIDENT

Entity Name: IGGY TRAP OF FLORIDA LLC

ACKNOWLEDGMENT

State of Florida

County of Palm Beach

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this 30 day of April, 2025 by Pierce Kennamer (name of person) as president (type of authority) for Iggy Trap of Florida LLC (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

__✓__Produced identification (Type of Identification: Florida ID)

_____Did take an oath; or

_____Did not take an oath

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of Iggy Trap of Florida LLC, a nongovernmental entity.

3. Iggy Trap of Florida LLC does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

Witness #1 Print Name: Arlene Mosberg

Witness #2 Print Name: Claudia Sánchez M

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Pierce Kennamer

Title: President and Founder

Entity Name: Iggy Trap of Florida LLC

OATH OR AFFIRMATION

State of Florida
County of Palm Beach

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 30 day of April, 2025, by Pierce Kennamer (name of person) as President (type of authority) for Iggy Trap of Florida LLC (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
__✓__ Produced identification (Type of Identification: Florida ID)
_____ Did take an oath; or
_____ Did not take an oath

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. Iggy Trap of Florida LLC ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Witness #1 Print Name: Arlene Mosberg

Witness #2 Print Name: Claudia Smith

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: PIERCE KENNAMER

Title: PRESIDENT

Entity Name: IGGY TRAP OF FLORIDA LLC

OATH OR AFFIRMATION

State of Florida
County of Palm Beach

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 30 day of April, 2025, by Pierce Kennamer (name of person) as President (type of authority) for Iggy Trap of Florida LLC (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

☑ Personally known to me; or
☐ Produced identification (Type of Identification: Florida ID)
☐ Did take an oath; or
☐ Did not take an oath

CHRISTINE ZAROKYAN
Notary Public, State of Florida
Commission# HH 518220
My comm. expires April 18, 2028

EXHIBIT A

SCOPE OF SERVICES

The Scope of Services are those contained in the Proposal Section 2. dated April 30th, 2025, attached hereto and incorporated herein by reference.

EXHIBIT B

PROPOSAL SCHEDULE

IGUANA PEST CONTROL SERVICES

NAME OF PROPOSER: Iggy Trap of Florida LLC In response to the Village's request for proposal and in compliance with the RFP requirements, the undersigned proposer to provide all services, supervision, coordination, related incidentals necessary to provide **Iguana Pest Control Services** for the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated 3/17/2025 including Addenda numbered 1 through 1, inclusive, for an all-inclusive Base Bid for **Iguana Pest Control Services** includes all incidental costs.

The Contractor understands and agrees that the prices submitted are for the services as indicated in the Scope of Service, including but not limited to all related expenses.

QUOTE FORM

NO	DESCRIPTION	UNIT PRICE
1.		$ 100.00 /Per Iguana
2.		$

Attach additional page if necessary

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Proposer is familiar with the nature and extent of the services and any local conditions or criteria dictated in the RFP .

The undersigned Proposer agrees to provide all services called for by the RFP Documents.

The undersigned Proposer agrees to furnish all materials, equipment, and labor and to perform all services in accordance with the Contract Documents for: **Iguana Pest Control Services** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: Iggy Trap of Florida, LLC

Bidder's Name: Pierce Kennamer

Bidder's Email: PKennamer@IggyTrap.com

Bidder's Title: President and Founder

Bidder's Signature: [signature]

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Statement of Financial Stability

IggyTrap of Florida LLC is a privately held company and does not disclose any financial records or information.

EXHIBIT C
CERTIFICATE OF INSURANCE

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TAB B:

Executive Summary

Contact information:
Pierce Kennamer, President and Founder
pkennamer@iggytrap.com
www.iggytrap.com
Phone: 1-(888)-355-4449



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Contact information:

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Executive Summary

IggyTrap is Florida's fastest growing Invasive Species Removal Company. Over the course of the past 4 Years, IggyTrap has become the leader in invasive species technology and innovation. Through our patented IggyTrap, we have completely changed the game in Iguana and Non-Native Lizard removal. Our patented, Multi-Capture Traps have answered the years-long question of how to safely and humanely remove iguanas in mass numbers. Gone are the days of using traditional nuisance traps (catching one at a time)- that is if you can even trap your targeted species. IggyTrap's smart door technology allows for non-target native animals, such as raccoons and opossums, to escape the traps, while leaving the iguanas trapped behind.

IggyTrap Innovation addresses concerns that municipalities deal with on a daily basis- "How do we best carry out iguana removals in the public eye, with our citizens and visitors seeing?" and "We aren't getting enough removal time- the technician isn't here long enough!" IggyTraps' design allows for 24 hour operation, with each commercial cage unit able to trap up to 20+ at a single time. Even when the IggyTrap team isn't on-site, you can be assured that you're receiving around the clock remediation efforts. IggyTrap also understands the sensitivity of this issue- at the end of the day, it's animal removal; Everyone has differing opinions and feelings about it. IggyTrap does the very best in humane operations. Every trap is equipped with food, bowls filled with fresh water, and a sun shade camouflage net for the animals- as well as discreteness to blend traps into landscaping and other areas.

The IggyTrap team is fully committed to achieving the goals of the Village of Key Biscayne. Our missions are aligned: Serve the community with a service that they will be pleased that their dollars are paying for, and complete the task in its entirety- remove and see a noticeable positive change in the effects of the non-native lizard populations. We are the only Iguana Removal Company in Florida that mass manufactures our own equipment. Our traps are not for sale (no matter how many pest control companies and other Iguana Removal companies ask for them), we do not subcontract any work, and we truly believe our team provides the most professional and complete service available.

IggyTrap has a full team of technicians with years of wildlife removal experience. We conduct Iguana Remediation and removal efforts for Commercial and Residential Properties in Miami-Dade, Martin, Monroe, Broward, Palm Beach Hendry, and Collier Counties with offices in Palm Beach, Broward, and Monroe Counties. We also offer a number of other iguana exclusion products, including our IggyWrap Tree Wrap, and IggySkirt Lanai Screen Protector.

Our Iguana Removal team is trained and highly skilled in all forms of removals- from trapping, live noosing, air gun removal, egg and burrow removal, and the removal of hatchlings. Our technicians are each equipped with different size telescoping noose poles to capture even the most difficult to reach iguanas. IggyTrap also has recently introduced a successful multi-capture hatchling trap, which has proved to catch iguana hatchlings with little to no effort. We would happily deploy these

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inconspicuous traps during the iguana breeding season around the Village. IggyTrap also has a custom application which allows for reports to be auto generated with latitude/longitude coordinates, names of properties, technicians, photos of removals, dates/times, even different removal methods. This data can be shared immediately with city staff and officials- showing you real-time ROI and gives the county more information on what is working, where the iguanas are most often, and can allow the county to better plan for remediation efforts in the coming years.

The Village of Key Biscayne has tried the same old ways- and it hasn't worked. The bid pricing structure and the comments made by staff in the pre big meeting showed that the results weren't what the Village had been looking for. However, this bid structure is shifting all liability to the vendor, which is going to lead to high per iguana costs to ensure overhead and operational costs are covered. We propose the Village should look towards a larger, long-term approach- IggyTrap is prepared to invest in Key Biscayne, offering an on-island resident liaison/technician to manage everything invasive for the island year round. This would cover all areas of the island, both public areas and be available to private homeowners. This is outside of the request of this RFP, but will be much more appropriate and needed. Keeping operations on the island could offer much better returns long-term for the island. I suggest we explore this together.

We offer The Village products and services that no other company can provide- every other company is going to provide a different version of the same thing. It's time to give innovation a serious chance to make a big difference for the Island. We are constantly designing new equipment and products for invasive species- because our state desperately needs it. We hope for your serious consideration and we look forward to the opportunity to provide top quality services to your constituents.

Best,

Pierce Kennamer, President and Founder

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Deliverables:

1. **Iguana Trapping and Removal Services:** Utilization of IggyTrap Commercial Multi-Capture Traps, IggyTrap Residential Multi-Capture Traps, IggyMini Traps, BabyIggy Traps, Traditional Nuisance Traps, Noosing, air gun removal (in coordination with city officials, when applicable or requested), live removal by hand, Burrow Filling, Backfilling, and Egg Removal. Services will be provided at a minimum 2 days per week, per RFP 2.2.8.
2. **Property Assessments:** Conducting site-visits when requested to access areas for removal.
3. **Call Response:** Answering and returning calls of residents and staff in a timely manner and providing any assistance needed.
4. **Off-Island Disposal:** deceased Iguanas will not be disposed of in any Village garbage receptacles.
5. **Off-Site Euthanasia:** All iguanas captured will be transported live off-island for humane euthanasia. No euthanasia will be conducted in the public eye.
6. **Trap Checking:** IggyTrap will be in accordance with all state laws and will coordinate to have traps monitored every 24 hours.
7. **Progress Reports:** Photo Reports will be generated via IggyTrap Trapping Tracker App for ROI, Record Keeping, and communication. Reports will be provided weekly, with master reports combined at the end of each month.
8. **Providing Equipment:** All equipment needed to satisfy this RFP will be provided by IggyTrap.
9. **Logoed Uniforms:** All employees will be clearly marked with company uniforms and logoed PPE gear, when necessary.
10. **Open Communication:** IggyTrap will communicate with staff to coordinate removal efforts.

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Exceptions:

1. **2.3.8. The Contractor will visit waterways by boat, if necessary.**

- IggyTrap will be unable to comply with this service request, as IggyTrap does not own or operate the boat in question.

2. **2.3.11.The Contractor must be available twenty-four (24) hours a day, seven (7) days a week on an emergency basis. In an emergency situation where services are required immediately outside of the Village's business hours, the Village will contact the Contractor and the Contractor shall respond to the work within two (2) hours. The Contractor will provide a telephone number and email for use during emergency response.**

- Due to the pricing structure in this RFP, IggyTrap cannot honor our normal 24/7 emergency response services. If the Village of Key Biscayne wishes to have this service provided, they will need to amend the agreement to agree to pay our emergency response pay structure rather than per iguana.

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TAB C:

Qualifications and Experience

Contact information:
Pierce Kennamer, President and Founder
pkennamer@iggytrap.com
www.iggytrap.com
Phone: 1-(888)-355-4449

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Qualifications:

a. **Qualification of Firm:**
IggyTrap is extremely qualified in Iguana Removal. In fact, we've studied this issue at length in order to re-think non-native lizard trapping. With over 2 years of independent work and R&D, IggyTrap has been working the past 3 years to build the company into the fastest growing invasive species company. With hundreds of both residential and commercial clients, IggyTrap has conducted over 1,000 different unique removal projects across South Florida and encompassed a 5.0 Google Rating from our satisfied customers.

b. **Qualification of Staff:**
IggyTrap staff has over 10 years of combined wildlife removal experience. Our current senior staff has all been with the company over 2 consecutive years. Every technician is put through a rigorous training program, mastering every form of removal from hand removal, live noosing, trapping operations, burrow identification and removal, and many more tips and tricks which make our team the most effective and highly rated team in Florida.

c. **Industry Knowledge and Expertise:**
IggyTrap has mastered the Iguana space. In order to design the IggyTrap, we first had to master the ecology and behavior of iguanas and non-native lizards. We had to understand every nuance, every habit, even down to their muscle movements in order to design the most effective and the **only** iguana-specific, multi-capture trap that exists. This is our space- IggyTrap has spent thousands of hours of R&D, field time, and job hours to effectively master this space. We've independently published population estimates and research through our website, which has been picked up by numerous media applications. We've also been called in to provide industry insight on numerous podcasts and radio programs.

d. **Project Management:**
IggyTrap has conducted numerous large-scale removal projects that encompass different areas, terrain, population, and removal methods that will be prevalent to the same as to Key Biscayne. We have conducted trapping removals of Spiny Tail iguanas in Crandon Park, Green Iguanas in other Miami-Dade PROS properties, and other municipal properties across Miami Dade, Broward, and Palm Beach Counties. These areas all require special attention to discreteness and a willingness to educate the public- our technicians carry educational materials on public properties for this very reason. Also traps need to be camouflaged/hidden in order to maintain the lowest possible profile. We have a very high satisfaction rate with our clients and have high success rates in creating "containment" areas where iguana damages and populations have been diminished. Contract numbers and customer contact information outside of listed references can be discussed and provided upon intent to award.

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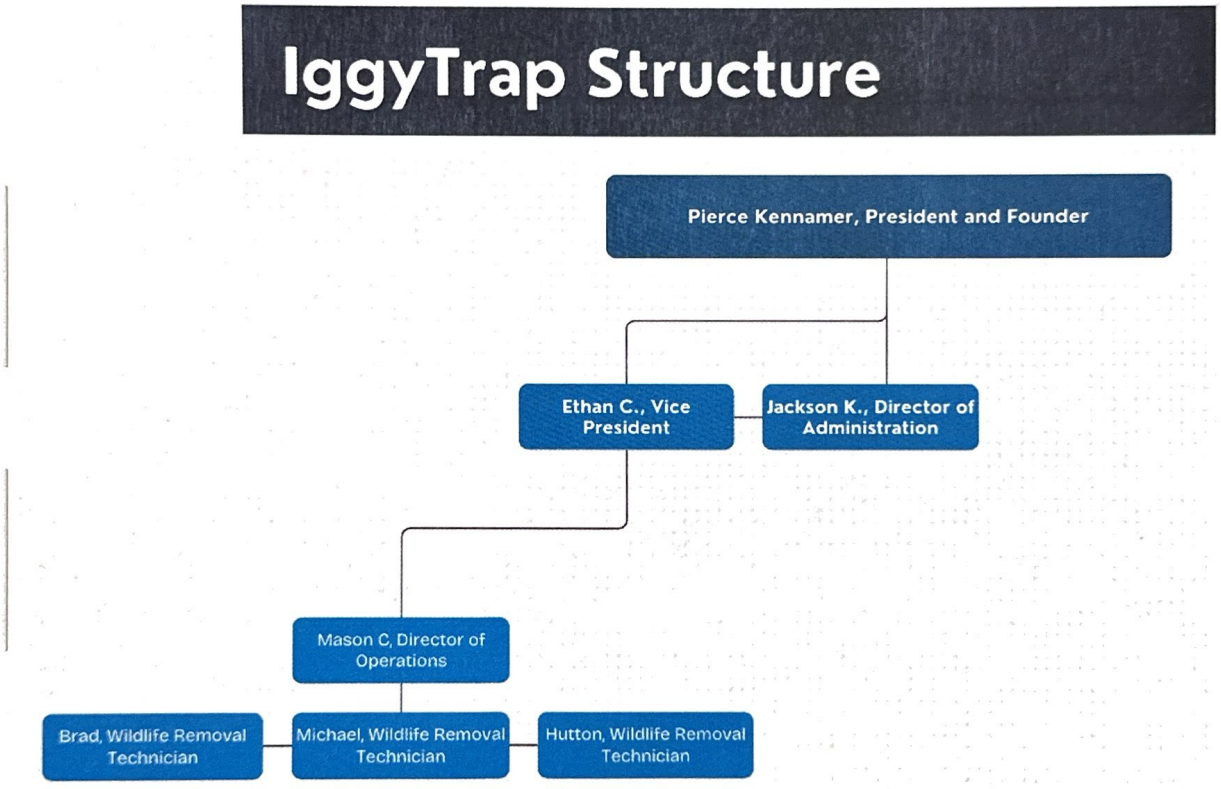
Service Team and Personnel Plan:

a). Key Biscayne IggyTrap Team Structure



b). Role Descriptions

- **Pierce Kennamer, President:** Will oversee all operations and iguana removal program on Key Biscayne. Will work directly on structuring the program with the Village, provide insight, and lead the team with strong leadership and goal-setting.
- **Ethan Cotto, Vice President:** Will maintain quality and service control over the wildlife removal team. The Vice President will serve as the company liaison with the Village and can provide any support that the village needs.
- **Jackson K, Director of Administration:** Will be responsible for all invoicing, billing, and photo removal reports being sent to the Village contact.
- **Mason C, Director of Operations:** The Director of Operations is responsible for the carrying out of all services provided to The Village. The Director of Operations will communicate directly and

clearly with the Village to provide insight and reports as to the status of the iguana removal program.

- **Wildlife Removal Technicians:** Responsible for carrying out the work of trapping and removing iguanas. Wildlife Removal Technicians are trained in noosing, trapping, hand catching, and all other forms of removal necessary to carry out the work required by this RFP.

*All these positions are full time positions, 40 hours/week.

*Full Resumes can be made available upon Intent to Award. Resumes contain sensitive and private personal contact information of employees and will not be made available for public records.

c). Relevant Experience

- Our wildlife removal team has grown with our company; Our team has combined tens of thousands of hours in the field trained in removing invasive lizards and iguanas. The relevant experience of each team member lies in their performance with our company. Our Director of Operations and Vice President have been with the company over 2 years each and have grown with the company. Each team member is trained and licensed in Wildlife Removal and each carry a copy of our company Conditional Nonnative Species Permit.

d). Approach

- IggyTrap believes open communication between parties is the ultimate key to success in an iguana removal program. In addition to our weekly photo removal reports (see attached sample), we will have write-up summaries prepared to explain findings, provide additional recommendations, and any other comments our team deems appropriate for the Village. We will propose a quarterly in-person meeting with Village Iguana Program Leadership to review progress and strategically plan to ensure lasting and continuing success.

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TAB D:

Subcontracting Plan

Contact information:
Pierce Kennamer, President and Founder
pkennamer@iggytrap.com
www.iggytrap.com
Phone: 1-(888)-355-4449

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Subcontracting Plan:

- IggyTrap does not subcontract any work; All work is performed by company personnel.

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TAB E:

Proposal Approach

Contact information:
Pierce Kennamer, President and Founder
pkennamer@iggytrap.com
www.iggytrap.com
Phone: 1-(888)-355-4449

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Proposal Approach:

Our goal is simple- remove as many iguanas as possible from the Village of Key Biscayne. Our proposal is rooted in our proprietary trapping technology, IggyTrap. Our patented, Multi-Capture Traps have answered the years-long question of how to safely and humanely remove iguanas in mass numbers. Gone are the days of using traditional nuisance traps (catching one at a time)- that is if you can even trap your targeted species. IggyTrap's smart door technology allows for non-target native animals, such as raccoons and opossums, to escape the traps, while leaving the iguanas trapped behind.

IggyTrap Innovation addresses concerns that municipalities deal with on a daily basis- "How do we best carry out iguana removals in the public eye, with our citizens and visitors seeing?" and "We aren't getting enough removal time- the technician isn't here long enough!" IggyTraps' design allows for 24 hour operation, with each commercial cage unit able to trap up to 20+ at a single time. Even when the IggyTrap team isn't on-site, you can be assured that you're receiving around the clock remediation efforts. IggyTrap also understands the sensitivity of this issue- at the end of the day, it's animal removal; Everyone has differing opinions and feelings about it. IggyTrap does the very best in humane operations. Every trap is equipped with food, bowls filled with fresh water, and a sun shade camouflage net for the animals- as well as discreteness to blend traps into landscaping and other areas.

According to the addendum, services will be conducted in PROS areas and grounds, in addition to swales and public right-of-ways. However, we will likely need to take a broader look at the entire issue. Many of the iguanas aren't living in the swales, or on public right-of-ways; The iguanas are living, residing, and causing issues on private properties as well. A conversation will need to be had with Village leadership on how to address private properties and the iguanas that are multiplying in those areas as well, especially once all the PROS properties are free of iguanas.

We will make the splash pad areas and playground spaces an immediate priority for remediation. We cannot have iguana droppings where our kids play in the water and go down slides- it's a public health hazard. We will make it a top priority to ensure these areas are clean of iguanas and stay clean! Other areas of PROS will need remediation as well- we need to keep our parks as clean as possible. We will deploy IggyTraps and conduct live noosing to remediate these areas; If air gun remediation is deemed necessary, we will coordinate with the Village on timing and planning for the efforts to be carried out.

IggyTrap will work closely with Village program leaders to schedule different areas that will be in need of remediation across the island. The more participation we can gather, the larger impact we can make. This will include coordinating digging out of burrows and egg collection, collecting of hatchlings, potential night visits, etc.

Village properties will be remediated at a minimum twice per week- if there are high iguana populations in the areas available to remediate, additional visits will be added in order to maximize capture quantity. IggyTrap will also field phone calls from the Village to report sightings and areas where iguanas have been spotted in order to maximize responsiveness and to see immediate results.

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However, due to the structure of this RFP, there is a heavy deal of liability placed on the vendor- no operational costs are covered outside of paying per iguana caught, which can quickly cause operational friction if we are not permitted to carry out the services in the manner that is our professional opinion. Trap placement and remediation will be coordinated and recommended by IggyTrap- we will not place traps or spend many hours remediating areas by request of the village if they are not deemed to be areas where iguanas are present.

Furthermore, the rate per iguana is a surcharged amount above industry standard due to liability risk placed on the vendor. After-hours, overnight, and Emergency visits as required by this RFP will only be paid out if iguanas are captured. If the iguana moves by the time the call is responded to, we could potentially be left with non-payment for a 2AM service call. In order to mitigate this reality, the cost per iguana will be surcharged to account for all operational costs, insurance, and labor.

I strongly advise the Village to re-consider the pricing structure of this bid. The program didn't work due to the methodology and inefficient work by low cost providers. We bring a fresh methodology to the table, and are even proposing that we open a specific office that can be sponsored by the Village to serve all your residents and properties. This could be a much better and sustainable long-term solution.

I'd be MORE than happy to design a custom program with the Village and a price structure that works for both parties that will yield fantastic results, and we can have a program with great checks and balances that can fit exactly to your budget.

THE #1 CHOICE FOR MUNICIPALITIES AND GOVERNMENTS



IGGYTRAP™ Designed Specifically to Stop the Spread of Iguanas

The Iguana population is exploding and it is causing millions of dollars in damage each year. IggyTrap™ was designed and has been proven to be the best short- and long-term solution in Iguana remediation.

The Advantages of IggyTrap™:

- Catches dozens of Iguanas in a single unit
- Designed to catch iguanas of all sizes
- The BEST gun free solution
- Quiet operation and camouflaged for optimum discreetness
- No on-site euthanasia
- Traps ONLY Iguanas - no "non-target" animal captures
- Commercial construction for years of performance
- Designed for temporary or semi-permanent installation offering 24/7/365 operation

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SCAN FOR SERVICES

IggyTrap™ is the only multi-capture trap designed to be discreet, non-intrusive and blend into the natural landscaping and catch ONLY Iguanas. The perfect solution for "Gun Free" areas like – Municipal Parks, Golfs Courses, Schools, Beaches, and public spaces where the use of guns will cause public distress. IggyTrap™ is humane and will not harm the iguanas while they're in the trap.

*Patent Pending





PERFECT FOR COMMERCIAL APPLICATIONS AND PROPERTIES:
GOLF COURSES, NATURE PRESERVES, PARKS, RECREATIONAL FACILITIES, HOA COMMUNITIES, APARTMENT COMPLEXES, INDUSTRIAL BUILDINGS

1021

IGGYTRAP™ Designed for Maximum Performance To Manage and Stop the Spread of Invasive Iguanas



Multi Trap Design for Semi-Permanent or Temporary Installation with 24/365 Operation

IggyTrap™ is a Patent Pending, modular design allowing for multiple trap configurations to accommodate any property. IggyTrap™ will capture dozens upon dozens of iguanas at a time, making it the most economical and effective method for managing the ever-growing iguana population.

One of the key design features of the IggyTrap™ is it is installed on a semi-permanent basis. This allows the trap to actively trap iguanas 24/7/365 before they have a chance to do any damage to your property. When the trap is serviced, the holding compartment is simply exchanged out, taking only a few moments to complete so to minimize any disturbance to patrons.

NEW! IggyWrap™ - The Preventive Solution

- Prevents Iguanas from Climbing Trees
- Eliminates a Critical Part of Their Habitat
- Does Not Harm the Trees
- Lightweight, Durable, Clear Polymer Almost Unnoticeable
- Fits Almost Any Size Trees
- Weatherproof
- Prices start as low as $25/tree



IggyWrap™ is a lightweight, durable, clear polymer that prevents Iguanas from climbing trees.



Captures Dozens of Iguanas at a Time... Depending on Their Size!

Let IggyTrap™ Develop an Effective Mitigation Program for You Today!

Florida needs a innovative solution that can be deployed on a major scale that will significantly reduce the Iguana population. IggyTrap™ was designed to:

- Active 24/7/365
- Captures ONLY Iguanas
- Inspected in accordance with FWC regulations
- Non-intrusive Servicing
- Weekly/Monthly Trapping Reports (as Requested)
- Meets FWC Regulations
- Direct Line of Communication

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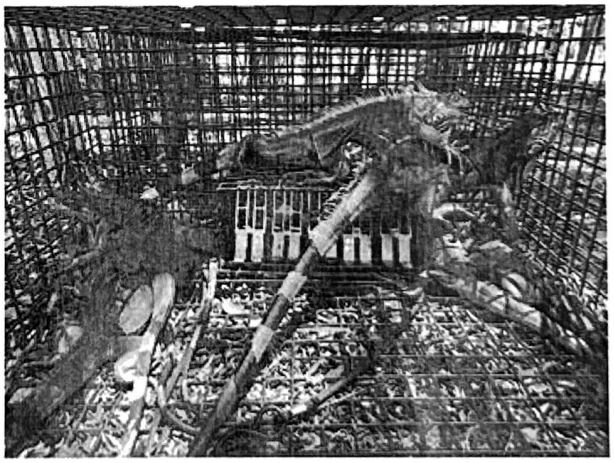
IGGYTRAP™ Florida's Iguana Solution • www.iggytrap.com • 888-355-4449 (IGGY) • BOCA RATON, FLORIDA 33

IGGYTRAP
Florida's Iguana Solution
888-355-4449 (IGGY)
www.iggytrap.com

Wednesday, January 15, 2025

Reptile Harvest Report

IggyTrap Invasive Species Specialist	Pierce Kennamer
Property Name	XYZ customer
Removal Method	Commercial Trap
Trap Location	Under Tree
Bait Used - Select All That Apply	Bananas, Mangoes
Number of Reptiles Removed	18
Reptile Species Removed	Green Iguanas
Picture	

2025-01-15 12:00PM -0500
Street: Northwest 40th Court
City: Deerfield Beach
Region: Florida
County: Broward County
Country: United States
Country Code: US
Zip Code: 33442
Latitude: 26.279225571088784
Longitude: -80.14766042834341

8C

IGGYTRAP™

Florida's Iguana Solution

TAB G:

Insurance

Contact information:
Pierce Kennamer, President and Founder
pkennamer@iggytrap.com
www.iggytrap.com
Phone: 1-(888)-355-4449

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 03/28/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	**CONTACT NAME:** Commercial CSR
Insurance Express 2005 Vista ParkWay Suite 200 West Palm Beach FL 33411	**PHONE (A/C, No, Ext):** (561) 471-9813 **FAX (A/C, No):** (561) 471-9818 **E-MAIL ADDRESS:**
INSURED Iggy Trap OF Florida LLC 1279 Palmetto Park Road P O Box 272278 Boca Raton FL 33486	**INSURER(S) AFFORDING COVERAGE** — **NAIC #** **INSURER A :** Scottsdale Insurance Co **INSURER B :** Infinity Assurance Insurance Co — 11738 **INSURER C :** FI Citrus Business & Ind Fund — 15764 **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** CL2532822652 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	Y		CPS8066047	09/08/2024	09/08/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG [ ]	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 1,000,000 $
B	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [X] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			50005398001	01/30/2025	07/30/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) PIP-Basic	$ 1,000,000 $ $ $ $ 10,000
A	[ ] UMBRELLA LIAB [X] OCCUR [X] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $			CXS4033800	09/24/2024	09/24/2025	EACH OCCURRENCE AGGREGATE [ ]	$ 1,000,000 $ 1,000,000 $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [N] (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		10667574-2024	11/08/2024	11/08/2025	[ ] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 500,000 $ 500,000 $ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

In respects to general liability, The Everglades Club is listed as an additioal insured when required by written contract.

CERTIFICATE HOLDER

SAMPLE ONLY

FOR USE OF RFP 2025-02
VILLAGE OF KEY BISCAYNE
PROOF OF INSURANCE

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Karen Rosso

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VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Special Events Rental Supplies Contract Agreements

RECOMMENDATION

Recommended the Village Council authorize the Village Manager to negotiate and enter into agreements with Island Party Place LLC. and Mega Party Events Inc. for special rental supplies. The proposed agreements will both be for an initial three (3) year term with two (2) optional one-year extensions, in amounts not to exceed the approved annual budget.

DISCUSSION

Purpose: The agreements will support the Village's ability to host well-organized, high-quality public events by contracting vendors to provide the essential supplies and services required including tables, tents, chairs, and linens.

Background: In response to the need to ensure timely and professional delivery of rental supplies for community events, the Village issued Request for Quotations No. 25-01 on June 13, 2025, soliciting qualified and experienced event rental companies to furnish tables, tents, chairs, and linens in support of Village-hosted public events. The RFQT was publicly advertised, posted on the Village's website and DemandStar, and was open to all eligible vendors. Proposals were due by July 15, 2025, at 11:30 A.M. The procurement effort reflects the Village's ongoing commitment to maintaining high standards in event planning, public engagement, and operational efficiency.

Justification: The recommendation to award agreements to Island Party Place LLC. and Mega Party Events Inc. is based on their status as the most responsive and responsible proposers among the four submissions received. While two vendors, Jormak Equipment & Consulting Inc. and Tents n Events Inc., submitted lower bids, their proposals were deemed non-compliant due to incomplete or insufficient documentation, including missing bid schedules and lack of required information necessary to evaluate their capabilities. The Procurement Officer contacted both Jormak Equipment & Consulting Inc. and Tents n Events Inc. to request the missing information to bring them in to compliance. However, they did not respond and their submissions remained non-compliant as of the evaluation deadline.

Island Party Place LLC. and Mega Party Events Inc. submitted complete and compliant proposals. They

met all qualification criteria, received positives references, and demonstrated the ability to provide a diverse inventory of high-quality event rental items. They represent the best value to the Village, balancing cost with reliability, capacity, and performance assurance.

Implementation/Integration Plan: Island Party Place is a vendor frequently used by the department and will serve as the primary vendor for special events rental supplies under the new agreement. Upon execution of the agreement, the Village will continue coordinating with Island Party Place for upcoming events. In the event of a scheduling conflict, service limitation, or inability to meet the Village's needs, Mega Party Events will be utilized as the secondary vendor to ensure continuity of service and avoid disruptions to planned events.

The procurement process also establishes clear responsibilities for the vendors, including the delivery, setup, and removal of equipment; maintenance of quality and cleanliness standards; and availability of varied options to accommodate different event types. Vendors are also required to coordinate closely with Village staff to ensure proper logistics, timely execution, and on-site responsiveness. This structured approach strengthens the Village's operational readiness and ability to consistently deliver successful community events.

RESOURCE IMPACT

Recurring Funding: The annual expected expense will depend on the quantity of events conducted each year but it is expected to range between $20,000 to $25,000 annually. With the number of Village-sponsored events increasing, and additional programming being added through community events, the Village recently purchased fifty event chairs to internally support smaller-scale events without needing to rent chairs.

Personnel: PROS staff currently manage the coordination and oversight rental supplies.

FUNDING SOURCES

The rental items are funded through several different line items across the Parks Department budget.

- ***GL Code:*** 001-72-572-48002, 001-72-572-48007, 001-72-572-48011, 001-72-572-48041, 001-72-572-48044, 001-72-572-48045
- ***Budget Line-Item:*** Community and Cultural Event, Winterfest, Concert Series, Veteran's & Memorial Day Ceremony, Lighthouse Run, Fall Festival, and the different Community Programs & Events.
- ***Amount:*** $20,000 to $25,000 annually

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

Formalizing the special events equipment rentals aligns with the goals of community engagement, public experience enhancement and operational efficiency.

ATTACHMENT(S)

- Bid Tabulation Sheet
- Evaluation Recommendation
- Island Party Place LLC Proposal
- Mega Party Events Inc. Proposal

Prepared by: Todd Hofferberth | Parks, Recreation & Open Spaces Director

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING ISLAND PARTY PLACE LLC AND MEGA PARTY EVENTS INC. FOR SPECIAL EVENTS RENTAL SUPPLIES SERVICES ON AN AS-NEEDED BASIS; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on June 13, 2025, the Village of Key Biscayne (the "Village") issued Request for Quotations No. 25-01 (the "RFQT") requesting bids for the provision of high-quality linens, tables, tents, and chairs to support the diverse needs of events hosted by the Village on an as-needed basis (the "Services"); and

WHEREAS, two responsive sealed quotes were received by the RFQT deadline; and

WHEREAS, the Village Manager recommends that the Village Council select Island Party Place LLC and Mega Party Events Inc. (collectively, the "Contractors") to provide the Services; and

WHEREAS, the Village Council desires to select the Contractors to perform the Services and authorize the Village Manager to negotiate and execute an agreement, in substantially the form attached hereto as Exhibit "A," with each of the Contractors; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. Selection. That the Village Council hereby selects the Contractors for the Services.

Section 3. **Authorization.** That the Village Council hereby authorizes the Village Manager to negotiate and execute an agreement with each of the Contractors, in substantially the form attached hereto as Exhibit "A," subject to the final approval of the Village Attorney as to form, content, and legal sufficiency.

Section 4. **Implementation.** That the Village Manager and Village Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and provisions of this Resolution.

Section 5. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH, CMC
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

PROFESSIONAL SERVICES AGREEMENT

BETWEEN

THE VILLAGE OF KEY BISCAYNE

AND

NAME OF ENTITY

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **NAME OF ENTITY**, a Florida [type of entity] (hereinafter, the "Consultant").

WHEREAS, on June 13, 2025, the Village issued Request for Quotations No. 25-01 (the "RFQT") requesting bids for the provision of high-quality linens, tables, tents, and chairs to support the diverse needs of events hosted by the Village (the "Services"), all as set forth in greater detail in the Scope of Services attached hereto as Exhibit "A"; and

WHEREAS, on August 19, 2025, the Village Council adopted Resolution No. 2025-XX, selecting the Contractor for the provision of the Services; and

WHEREAS, the Consultant will perform the Services on behalf of the Village, all as further set forth in the Proposal, attached hereto as Exhibit "B"; and

WHEREAS, compensation for the provision of the Services shall be in accordance with the Rate Schedule attached hereto as Exhibit "C"; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. **Scope of Services.**

1.1. Consultant shall provide the Services set forth in the Scope of Services and the Consultant's Proposal attached hereto as Exhibits "A" and "B," respectively, and incorporated herein by this reference.

1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. **Term/Commencement Date.**

2.1. The term of this Agreement shall be from the Effective Date through three years thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for two additional one year periods on the same terms as set forth herein upon written notice to the Consultant.

2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. Compensation and Payment.

3.1. Compensation for Services provided by Consultant shall be in accordance with Rate Schedule attached hereto as Exhibit "C."

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village,

DRAFT

and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the

insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. Additional Insured. Except with respect to Professional Liability Insurance and Worker's Compensation Insurance**,** the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. Deductibles. All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. Nondiscrimination. During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. Attorneys Fees and Waiver of Jury Trial.

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. Indemnification.

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records: **Jocelyn B. Koch**
Mailing address: **88 West McIntyre Street**
Key Biscayne, FL 33149
Telephone number: **305-365-5506**

Email: jkoch@keybiscayne.fl.gov

17. **Nonassignability.** This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. **Severability.** If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. **Independent Contractor.** The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.**

    20.1. The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

    20.2. **Background Checks.** Prior to the execution of this Agreement, the Consultant must undergo a Level II/Vechs screening and background check for the Consultant, its officials, agents, employees, subcontractors, volunteers, or other individuals engaged in providing the Services under this Agreement. The Consultant shall be responsible for updating the Village in writing with any additions and deletions of the individuals authorized to provide Services under this Agreement. In the event that additional individuals are authorized to perform such Services, the Consultant must ensure that such additional individual(s) undergo a Level II/Vechs screening and background check prior to such individual commencing such Services. It shall be in the Village's complete and sole discretion as to whether the type of check and the results are acceptable pursuant to and in accordance with the Village's policies. Failure to comply with the provisions of this Section shall be grounds for terminating this Agreement for cause.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

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23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **State Required Affidavits.** By entering into this Agreement, the Consultant agrees to review and comply with the following state affidavit requirements:

24.1. Public Entity Crimes Affidavit. Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

24.2. Scrutinized Companies. Consultant certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, Florida Statues, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement. If this Agreement is for more than one million dollars, the Consultant certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, Florida Statutes. Pursuant to Section 287.135, Florida Statutes, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

24.3. E-Verify Affidavit. In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Consultant acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

24.4. Noncoercive Conduct Affidavit. Pursuant to Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a),

Florida Statutes. By entering into this Agreement, the Consultant acknowledges that it has read Section 787.06, Florida Statutes, and will comply with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

24.5. Prohibition on Contracting with Entities of Foreign Concern. Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern. By entering into this Agreement, the Consultant acknowledges that it has read Section 287.138, Florida Statutes, and complies with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

25. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. Conflicts; Order of Priority. This document without exhibits is referred to as the "Base Agreement." In the event of a conflict between the terms of this Base Agreement and any exhibits or attachments hereto, or any documents incorporated herein by reference, the conflict shall be resolved in the following order of priorities and the more stringent criteria for performance of the Services shall apply:

26.1. First Priority: this Base Agreement;
26.2. Second Priority: Change Orders with later date taking precedence;
26.3. Third Priority: Exhibit C – Rate Schedule;
26.4. Fourth Priority: Exhibit A – Scope of Services;
26.5. Fifth Priority: Exhibit B – Contractor's Proposal; and
26.6. Sixth Priority: Statement of Work, with later date taking precedence.

[Remainder of page intentionally left blank. Signature pages follow.]

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch, CMC
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONSULTANT

By: _____

Name: _____

Title: _____

Entity: _____

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

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E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____
Print Name: _____
Title: _____
Entity Name: _____

ACKNOWLEDGMENT

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20___, by_____ (name of person) as _____ (type of authority) for _____ _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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AFFIDAVIT ATTESTING TO
NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of _____, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by _____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

DRAFT

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by _____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

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EXHIBIT A
SCOPE OF SERVICES

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PROCUREMENT DOCUMENTS LINK

RFQT # 25-01 Key Biscayne Special Events Rental Supplies

Below are links to procurement documents for:
(click on each line for document)

1. **Request for Quotations (RFQT)**
4. **Bid Tabulation Sheet**
6. **Evaluation Recommendation**
7. **Recommended Proposal – Island Party Place LLC.**
8. **Recommended Proposal – Mega Party Events Inc.**
9. **Purchase Requisition – N/A**

Daren Jairam, MBA, MHC
Procurement Officer
djairam@keybiscayne.fl.gov
305-365-7577

				ISLAND PARTY PLACE LLC.		JORMAK EQUIPMENT & CONSULTING INC.		MEGA PARTY EVENTS INC.		TENTS N EVENTS INC.	
Number	**Title & Location**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**
Event #1	Veteran's & Memorial Day	30X80 tent secured	1	1,700.00	1,700.00	3,300.00	3,300.00	2,795.00	2,795.00	2,150.00	2,150.00
	Village Green Promenade	white chairs	200	2.25	450.00	1.25	250.00	2.00	400.00	2.00	400.00
		Delivery & Water Barrels			250.00						
		Event Total			**2,400.00**		**3,550.00**		**3,195.00**		**2,550.00**
Number	**Title & Location**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**
Event #2	Lighthouse Run	10X10 tents	8	95.00	760.00	100.00	800.00	175.00	1,400.00	150.00	1,200.00
	Bill Baggs St. Park	20X20 tents	2	275.00	550.00	175.00	350.00	380.00	760.00	400.00	800.00
		white chairs	40	2.95	118.00	1.25	50.00	2.00	80.00	2.00	80.00
		8 ft. rectangular tables	40	10.00	400.00	10.00	400.00	12.00	480.00	15.00	600.00
		Delivery			272.00						
		Event Total			**2,100.00**		**1,600.00**		**2,720.00**		**2,680.00**
Number	**Title & Location**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**
Event #3	Winterfest	10X10 tents	8	100.00	800.00	100.00	800.00	175.00	1,400.00	200.00	1,600.00
	Village Civic Center	60" round tables	10	10.00	100.00	10.00	100.00	12.00	120.00	17.50	175.00
		8 ft. rectangular tables	20	10.00	200.00	10.00	200.00	12.00	240.00	17.50	350.00
		white chairs	350	2.95	1,032.50	1.25	437.50	2.00	700.00	2.25	787.50
		table cloths for all tables	30	25.00	750.00	15.00	450.00	20.00	1,200.00	30.00	900.00
		Delivery & 2nd Day			1,544.50						
		Event Total			**4,427.00**		**1,987.50**		**3,660.00**		**3,812.50**
Number	**Title & Location**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**
Event #4	Baseball Opening Day	popcorn machine (100 servings)	1	185.00	185.00	185.00	185.00	195.00	195.00		-
	KB-K8 School	cotton candy machine (100 servings)	1	185.00	185.00	185.00	185.00	195.00	195.00		-
		hot dog cart & condiments (100 servings)	1	490.00	490.00	250.00	250.00	1,100.00	1,100.00		-
		Equipment attendants/servers	3	25.00	300.00	150.00	450.00	325.00	325.00		-
		Delivery & Pick-up	1		225.00						-
		Event Total			**1,385.00**		**1,070.00**		**1,815.00**		-
Number	**Title & Location**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**
Event #5	Special Needs Awareness Event	10X10 tents	25	95.00	2,375.00	100.00	2,500.00	175.00	4,375.00		-
		8 ft. rectangular tables	10	10.00	100.00	10.00	100.00	12.00	120.00		-
		white chairs	200	2.25	450.00	1.25	250.00	2.00	400.00		-
		6 ft. rectangular tables	22	9.00	198.00	10.00	220.00	12.00	264.00		-
		cotton candy machine (300 servings)	1	555.00	555.00	555.00	555.00	235.00	235.00		-
		popcorn machine (300 servings)	1	555.00	555.00	555.00	555.00	235.00	235.00		-
		Equipment attendants/servers	2	100.00	200.00	150.00	300.00	425.00	425.00		-
		Delevry, Set-up and Break Down			400.00						
		Event Total			**4,833.00**		**4,480.00**		**6,054.00**		**-**
		EVENT 1, 2, 3, 4, AND 5 TOTAL			**$ 15,145.00**		**$ 12,687.50**		**$ 17,444.00**		**$ 9,042.50**

Docusign Envelope ID: 55C1A664-34EC-4CA3-A64D-3DF920D65BF4

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: July 25, 2025

TO: Steven Williamson – Village Manager
CC: Benjamin Nussbaum – Village Chief Financial Officer
Todd Hofferberth – PROS Director

FROM: Daren Jairam, Procurement Officer

RE: Procurement Recommendation to Award for RFQT No. 25-01
Village of Key Biscayne Special Events Rental Supplies

RECOMMENDATION

It is recommended the Village Manager negotiate an agreement with **Island Party Place LLC. and Mega Party Events Inc.**, the two most responsive responsible bids for Village of Key Biscayne Special Events Rental Supplies. The proposed agreement will be for a three (3) year term with two (2) optional one-year extensions.

BACKGROUND

In accordance with government procurement best practices, and as part of a larger effort to ensure best value and promote fair and open competition for Village contracts, the decision was made to go out to market for these services.

The Village issued a Request for Quotations (RFQT) on June 13, 2025. The RFQT was posted to the Village's website and Notice Board, DemandStar and Miami Herald.

The RFQT allows potential vendors to submit their best price specific to the scope of services. The vendor with the lowest bid, most responsive and responsible is recommended to the Village Manage and Council to be awarded. If the recommended vendor isn't the lowest bid a justification is given explaining why the vendor wasn't chosen.

SCOPE OF WORK

The Village of Key Biscayne seeks qualified, licensed event/party rental company with experience to supply high-quality linens, tables, tents, and chairs to support the diverse needs of events hosted by the Village of Biscayne as defined in the Scope of Work.

Contractor shall provide all necessary labor, materials, and equipment for servicing the Village facilities as specified herein in full accordance with the specifications, terms and conditions contained in the Request for Quotation (RFQT).

To qualify for award, prospective Proposers were required to:

A. Have extensive experience in linen, tables, tents, and chairs for events of varying scales and formats.
B. Must have a diverse inventory, be reliable and responsive according to specified guidelines.

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C. Committed to quality assurance and excellent customer service skills.
D. Be a licensed, permitted, certifications and insured vendor/business in the State of Florida.

EVALUATION AND RANKING PROCESS

On July 15, 2025, four (4) bids were received from the following contractors:

No.	Proposer	Years Experience	Total Cost
1.	Island Party Place LLC.	20	$ 15,145.00
2.	Jormak Equipment & Consulting Inc. – (Submitted Bid Schedule Only)	?	$ 12,687.50
3.	Mega Party Events Inc.	21	$ 17,444.00
4.	Tents n Events Inc. – (Incomplete Bid Schedule)	30	$ 9,042.50

Procurement conducted a due diligence review of all submitted bids to assess responsiveness and responsibility. Jormak Equipment & Consulting Inc. and Tents n Events Inc. submitted the lowest pricing; however, it was not chosen due to insufficient information and incomplete packages. Among the bidders, **Island Party Place LLC. and Mega Party Events Inc.** was determined to be the most responsive and responsible. The companies are appropriately licensed, meet all qualification requirements, and provide the necessary certifications and strong references. No issues were identified that would suggest any of the responsive proposers were incapable of performing the required services.

RECOMMENDATION

It is recommended that the Village Manager execute a contract, substantially in the form attached as Exhibit A, with the most responsive, responsible Bidder – **Island Party Place LLC. and Mega Party Events Inc.** I

In the event an agreement cannot be reached with the Bidder, it is further recommended that the Village Manager terminate negotiations with that firm and proceed to go back out to Bidder.

☒ Concur

☐ Reject

DocuSigned by:
Steven C Williamson
CF5C695978AA42B...

Steven Williamson – Village Manager

7/25/2025
Date

88 West McIntyre Street • Key Biscayne, Florida 33149 (305) 365-5511 • www.keybiscayne.fl.gov

VILLAGE OF KEY BISCAYNE
88 West McIntyre Street
Key Biscayne, Florida 33149

INVITATION TO BID

ITB # 2025-09

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

ITB Release Date:	**April 28, 2025**
Written Questions Due:	May 09, 2025, 9:00 A.M.
Response to Questions:	May 15, 2025
Bids Due:	**May 29, 2025, 11:30 A.M.**

Submit To:

Via DemandStar
https://www.demandstar.com

PUBLIC NOTICE

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES
PUBLIC NOTICE AND ADVERTISEMENT FOR BIDS

INVITATION TO BID ITB # 2025-09

Proposal Deadline: **May 29, 2025,** AT 11:30 AM

The Village of Key Biscayne ("Village") has issued an Invitation to Bid ("ITB") to interested, qualified and licensed contractors in the State of Florida, for the following services/project: **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES The Village of Key Biscayne encourages small and minority business, women's business enterprises, and labor surplus area firms to submit proposals.**

Proposals must be received by the deadline date, submitted to:

DEMANDSTAR:
https://www.demandstar.com

Bid packages will be available on the Village's website www.keybiscayne.fl.gov/procurement or may be available on Demandstar. For further information contact:

Procurement:
procurement@keybiscayne.fl.gov

Any questions, comments, request for information or clarification must be submitted to procurement@keybiscayne.fl.gov and received no later than, **May 09, 2025,** 9:00 a.m. Bidders, their agents, and associates are encouraged not to contact or solicit any Village Council Member, Village employee, or official regarding this RFP/ITB/RFQ after the bid opening. Only that individual listed above as the contact person shall be contacted.

Dated: **April 28, 2025**

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SECTION 1. INFORMATION FOR THE BIDDERS

1.1 GENERAL INFORMATION/STATEMENT OF PURPOSE

The Village of Key Biscayne (the "Village"), a municipality located in Miami-Dade County, Florida, hereby requests bids from a event/party rental company that can supply high-quality linens, tables, tents, and chairs to support the diverse needs of events hosted by the Village Key Biscayne as further defined in Section 2 of this invitation to bid ("Services").

Contractor shall provide all necessary labor, materials, and equipment for servicing the Village as specified herein in full accordance with the specifications, terms and conditions contained in Section 2 of this Invitation to Bid (ITB).

1.2 INTRODUCTION/BACKGROUND

The Village of Key Biscayne (the "Village") is located on an island approximately six (6) miles into Biscayne Bay and connected to the mainland via the Rickenbacker Causeway. Crandon Boulevard, a four-lane road with a median, bisects the Village. Shopping centers and single purpose commercial buildings line Crandon Boulevard. Towards the west lies single family homes. The east side of Crandon Boulevard contains mid to high rise multiple family buildings, one single family district, townhomes, and another single-family area that is part of a planned unit development. The incorporated Village is flanked by two large parks: Crandon Park to the north and Bill Baggs Cape Florida Recreation Area to the south. The latter receives over a million visitors per year and is a major contributor to traffic congestion on the weekends and holidays. The Village is the home to approximately 15,000 residents residing on 1.25 square miles.

The Village is committed to efficient government administration. A small core of the Village staff has been serving its residents, businesses, and visitors exceptionally well through their dedication and with the help of consultants, contractors, and service providers who also have been committed to providing quality products at competitive prices. We expect to continue this tradition.

1.3 FEDERAL FUNDING – N/A

1.4 SUSPENSION/DEBARMENT

A prospective Bidder that is listed on the government-wide Excluded Parties List System in the System for Award Management (www.SAM.gov), or that is suspended or debarred by the State of Florida, cannot be awarded a contract.

1.5 DISADVANTAGED BUSINESS & WORKER UTILIZATION

Bidders are encouraged to utilize small, women and minority-owned businesses as subcontractors whenever possible. Lists of local certified businesses are available on Miami-Dade County's website at https://mdcsbd.gob2g.com/frontend/searchcertifieddirectory.asp In addition, Bidders may request assistance from organizations such as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

Bidders who intend to hire additional workers for Village projects are encouraged to hire local workers. CareerSource South Florida maintains a job clearinghouse that can assist in connecting contractors with trained local construction workers.

1.6 VILLAGE RIGHTS

The Village reserves the right to award one or more contract(s) to the Respondent(s) in accordance with what the Village deems in its best interest. Notwithstanding, the Village may, at its sole discretion, reject all responses and cancel the solicitation, in which case no award will be made.

The Village reserves the right to accept or reject any or all Responses, based upon its deliberations and opinions. In making such determination, the Village reserves the right to investigate the financial capability, integrity, experience and quality of performance of each Consultant, including officers, principals, senior management and supervisors as well as the staff identified in the ITB.

The Village also reserves the right to waive minor variations or irregularities in the Responses.

1.7 SCHEDULE OF EVENTS

The following schedule shall govern this ITB. The Village reserves the right to change the scheduled dates and times at its sole discretion.

No.	Event	Date
1	Advertisement/ Distribution of ITB	April 28, 2025
3	**Closing Date for Bidder Questions**	**May 09, 2025 at 9:00 AM**
4	Village's Answers to Questions by Bidders	May 15, 2025
5	**Bid Due and Opening on Zoom**	**May 29, 2025 at 11:30 AM**
6	Staff Member's Review of Technical Submissions	June 03, 2025
7	Reference Checks	June 03, 2025
8	Evaluator Review	June 03, 2025
9	Presentations	TBD
10	Final Selection/Rank	June 06, 2025
11	Award Recommendation	June 10, 2025 or later
12	Contract Negotiation	June 12, 2025 or later

1.8 REQUEST FOR INFORMATION (RFI)

Vendors may request additional information, clarification, or modifications in the form of a Request for Information ("RFI"). Vendors seeking such information must email their RFIs to procurement@keybiscayne.fl.gov in order to receive a response. The request must include the vendor's name, the ITB number, and ITB title. Any RFI must be submitted prior to the deadline for questions indicated in the schedule of events in Section 1.4 to receive a response. Late or mis-delivered requests may not receive a Village response.

The Village will issue responses to RFIs, and any other corrections or amendments it deems necessary, in the form of a written addendum. The Village, at its sole discretion, may not issue a response to an RFI. Vendors should not rely on any representations made outside of these written addenda. Where a conflict appears between the ITB and any issued addenda, the last addendum issued will prevail.
Addenda will be made available on the Village of Key Biscayne website www.keybiscayne.fl.gov/procurement and DemandStar. It is the vendor's sole responsibility to ensure receipt of all addenda prior to submitting a response.

1.9 ADDENDA

If the Village finds it necessary to add to, or amend this ITB prior to the Response submittal deadline, the Village will issue written addenda/addendum. Each Vendor must acknowledge receipt of each addendum by signing the acknowledgement (Section 4) and providing it with its Response.

1.10 DISCREPANCIES, ERRORS AND OMISSIONS

Any discrepancies, errors, or ambiguities in the ITB or addenda (if any) should be reported in writing to the Procurement Division at procurement@keybiscayne.fl.gov. If applicable, the Village will issue a written addendum to the ITB clarifying such conflicts or ambiguities. It is agreed that any such alleged discrepancies, errors, or omissions will not be construed against the drafting party.

1.11 CERTIFICATION

The signer of the Response (to this ITB) must declare by signing the Forms included in Section 5 that the person(s), firm(s) and parties identified in the Response are interested in and available for providing the Services; that the Response is made without collusion with any other person(s), firm(s) and parties; that the Response is fair in all respects and is made in good faith without fraud; and that the signer of the cover letter of the Response has full authority to bind the person(s), firm(s) and parties identified in the Response.

1.12 PRE-BID MEETING/SITE VISIT - N/A

A **NON-MANDATORY** Pre-Bid meeting on site will be held on, **May 19, 2025,** at 10:00 am at the **Village of Key Biscayne BZP Conference Room, Suite # 250, 88 West McIntyre Street, Key Biscayne, Florida 33149.** All interested Bidders are encouraged to attend.

It is the sole responsibility of the Bidder to inspect the project site and become familiar with the scope of the Village's requirements and systems prior to submitting a bid. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a bid will be considered evidence that the Bidder is familiar with the nature and extent of the work, equipment, materials, and labor required.

1.13 VILLAGE AUTHORITY

Bids will be selected at the sole discretion of the Village. The Village reserves the right to waive any irregularities in the request process, to reject any or all bidders, reject a bid which is in any way incomplete or irregular, re-bid the entire solicitation or enter into agreements with more than one Bidder. Bids received after the deadline provided in this ITB will not be considered.

1.14 RESPONSE/PRESENTATION COSTS

The Village shall not be liable for any costs, fees, or expenses incurred by any Vendor in responding to this ITB, nor subsequent inquiries or presentations relating to its Response.

1.15 TERMS OF ENGAGEMENT

The Vendor, by submission of its Bid, agrees to the terms and conditions contained in the contract attached hereto as Attachment "A," ("Contract") and further agrees to execute the Contract without change. Notwithstanding, the Village, in its sole discretion, reserves the right to negotiate the final contract price or any terms and conditions.

The The initial contract term is for three (3) years with the option to extend at its sole discretion for two (2) one-year (1-year) renewal terms for the maximum of five (5) years. The Proposer understands that

this ITB does not constitute an agreement or a contract with the Proposer. A proposal is not binding until proposals are approved by the Village of Key Biscayne Council and both parties execute a written contract.

Bids that are conditioned to additions, deletions, or revisions to the Contract's terms and conditions will be rejected as non-responsive.

1.16 NOTICE TO PROCEED

The Successful Bidder shall not begin work until the Village issues a written Notice to Proceed ("NTP"). Work performed by the Successful Bidder prior to receiving the NTP shall be deemed non-compensable by the Village. The Successful Bidder shall not have any recourse against the Village for prematurely performing unauthorized work.

END OF SECTION 1.

SECTION 2. SCOPE OF WORK / TECHNICAL SPECIFICATIONS

2.1 INTRODUCTION:

The primary objective of this project is to identify and contract with rental companies that can supply high-quality linens, tables, tents, and chairs to support the diverse needs of events hosted by the Village of Key Biscayne (Village). By partnering with experienced rental providers, the Village aims to create comfortable and functional event spaces that accommodate attendees and enhance their overall experience. The Village reserves the right to award multiple companies.

2.2 SCOPE OF WORK:

The contractor shall furnish all labor, equipment, materials, permits, insurance, and supervision necessary to perform the following tasks:

2.2.1 Tables:

The vendor shall be responsible for the delivery of tables, including set-up. The tables must be made of high-quality materials and must be visually appealing. The contractor shall provide a minimum of three options. The tables must be durable and properly anchored.

2.2.2 Tents:

The vendor shall be responsible for the delivery of tents, including set-up. The tents must be made of high-quality materials and must be visually appealing. The tents must be durable and properly anchored. Staking the tents into the ground is rarely an option for Village events.

2.2.3 Chairs:

The vendor shall be responsible for the delivery of chairs, including set-up. The chairs must be made of high-quality materials and must be visually appealing. The contractor shall provide a minimum of three options for chairs. The chairs must be durable, and in good working conditions.

2.2.3 Linens:

The Village aims to ensure the provision of high-quality linen products, including specialty linens, to meet the Village's needs for various events and functions including but not limited to:

- Standard linens (tablecloths, table runners, chair covers, etc.)
- Specialty linens such as satin, silk, rosettes, organza, and other unique fabrics, available upon request and subject to availability

2.3 RESPONSIBILITY OF RENTAL COMPANY:

The selected rental providers will be responsible for:

- Offering a wide selection of tables, tents, and chairs in various styles, sizes, and configurations to suit different types of events and spaces.
- Collaborating with event organizers to assess the seating and shelter requirements based on the event's size, layout, and anticipated attendance.

- Delivering and setting up rental equipment at designated event locations within the Village and adjacent areas in a timely and professional manner.

- Ensuring that all rental items are clean, well-maintained, and in good working conditions, adhering to hygiene and safety standards.

- Providing on-site support and assistance as needed during the event, including troubleshooting and addressing any issues related to the rental equipment.

- Coordinating with Village's event coordinators and staff to facilitate seamless logistics and execution of rental services.

2.4 SERVICE DETAILS:

2.4.1 Rental Period:
The rental period shall be determined based on the specific requirements of each event or function. The duration may vary from single-day rentals to extended rental periods as needed.

2.4.2 Delivery and Pickup:
The vendor will handle the delivery and pick up of all the equipment rented to and from the Village's designated location(s) at the agreed-upon times.

2.4.3 Quality Assurance:
All the equipment provided by the Vendor shall undergo thorough inspection and maintenance to ensure cleanliness, quality, and presentability.

2.4.4 Customization:
Vendor offers customization options such as color selection, sizing, and branding to align with the Village's event themes and branding guidelines.

2.4.5 Support Services:
The vendor will provide dedicated support personnel to assist with any inquiries, requests, or issues related to the equipment rentals promptly.

2.5 ADDITIONAL EQUIPMENT/SERVICES:
Companies are encouraged to list any additional equipment or services they provide that may not have been outlined in the ITB.

2.6 PERFORMANCE EVALUATION:
The Village is committed to maintaining high standards of service and accountability in all vendor relationships. This Vendor Performance Evaluation Form is designed to assess the quality and effectiveness of services provided by contracted vendors. The information collected through this evaluation will be used to inform future contract decisions, support performance improvement efforts, and ensure that community expectations are consistently met.

Completed evaluations will be retained by the Village for a period of five years and will serve as a valuable resource during the selection, renewal, or extension of service contracts. Your feedback plays a vital role

in promoting transparency, fostering accountability, and enhancing the overall quality of services delivered to our community.

2.7 QUALIFICATIONS:

- Extensive experience in supplying linen, tables, tents, and chairs for events of varying scales and formats.
- A diverse inventory of rental equipment, including different styles and configurations, to accommodate various event requirements.
- Reliability and responsiveness in delivering rental services on schedule and according to specified guidelines.
- Commitment to quality assurance, with well-maintained and clean rental items that meet or exceed industry standards.
- Excellent customer service skills and the ability to communicate effectively with event organizers and staff to fulfill specific event needs.

END OF SECTION 2.

SECTION 3. BID SUBMISSION REQUIREMENTS

3.1 GENERAL BID INSTRUCTIONS

Bids are to be **uploaded on DemandStar** by no later than the Bid Due date and time listed in Section 1.7. Any Bid received after the deadline or delivered in any other manner shall not be considered for award. Bidders are responsible for ensuring that their Bid is delivered by the deadline.

Bids should be signed by an official authorized to bind. Bids are to remain valid for at least 180 days. Upon award of an Agreement, the contents of the Successful Bidder Bid shall be incorporated within and included as part of the Agreement.

The responsibility for submitting a Bid before the stated time and date is solely and strictly that of the Bidder. The Village is not responsible for any delayed, late, misdelivered, or non-delivered Bids, no matter the cause.

3.2 DEFINITIONS

1. **Days:** Days shall mean calendar days.
2. **Responsible Bidder:** To be considered a "responsible" bidder, the Bidder must have adequate equipment and personnel to do the Work within the time limits that are established, has adequate financial status to meet the obligations to perform the Work and has not defaulted on a prior contract.
3. **Responsive Bidder:** Any person, firm, or corporation submitting a Bid for the Work whose Bid form is complete and includes all required attachments and enclosures, free from exclusions or special conditions and has no alternative Bids for any items, unless alternatives are requested in the specifications.
4. **Work:** The services required by the Contract Documents, including labor and materials.

3.3 ELIGIBILITY

In addition to other requirements stated in this document, to be eligible for award, Bidders must demonstrate the following in their response:

1. Bidder must be a vendor appropriately licensed and in good standing with the Florida Department of Professional Regulation

2. Bidder must have three (3) years of continuous operation under the same name providing similar Services.

3. Bidder's project team must have prior experience within the past five (5) years in the same field as the Services.

4. Bidder's principal-in-charge must have a minimum of five (5) years of experience within the same field as the Services; and

5. Bidder's project manager must have a minimum of five (5) years of experience in the same field as the Services with prior project management experience and must be capable of speaking and making decisions on behalf of the Respondent.

Each Bidder shall meet all legal, technical, and professional requirements for providing the requested Services.

The Bidder shall furnish such additional information as the Village may reasonably require. This includes information that indicates financial resources as well as ability to provide the Services. The Village reserves the right to make investigations of the Bidders' qualifications or any of its agents, as it deems appropriate.

3.4 BID SUBMISSION

The Bidder shall submit an original Bid on the bid forms attached to this ITB. The Bidder shall fill in all the blank spaces completely for each and every unit item for which a Bid is tendered. The Bidder shall state the price, for which s/he proposes to do each item of Work. The Bid shall include:

a) Bid Forms as specified in Section 5.

b) Certificate or Evidence of Insurance.

c) Project Schedule

d) Bid Guarantee.

e) Contact information (name, telephone, and email) for at least five (5) references for similar projects performed within the last five (5) years.

f) Copies of any relevant business licenses, including occupation, and Florida registration (Company certifications, not personal) and a copy of State Corporate or other proof from the State of Florida that Bidder is authorized to do business in this State.

3.5 SUBMITTAL, RECEIPT AND OPENING OF BIDS

CONTRACTOR's solicitation response must be submitted electronically through DemandStar (www.demandstar.com), the Village's designated electronic bidding system. It is solely the CONTRACTOR's responsibility to assure its response is submitted and received in DemandStar by the date and time specified in the solicitation. The Village will not consider responses received by any other means. The official time for electronic submittals is the DemandStar server. All parties will, without reservation, accept the official time. Any bid may be rejected for noncompliance to requirements after a full review by the Village. The sealed submittals will be publicly opened at the Village of Key Biscayne, Village Hall online after the Bid Submittal Deadline. Award of a bid will be made at a Village Council meeting.

ZOOM INFORMATION FOR ITB OPENING

Village of Key Biscayne Bid Opening for ITB # 2025-09 Village of Key Biscayne Special Events Rental Supplies

Join Zoom Meeting

https://us06web.zoom.us/j/89426941350?pwd=52wfDixUAioGKQXbfKsJd4gdeKCkZQ.1

Meeting ID: 894 2694 1350

Passcode: 276052

May 29, 2025, at 11:35 a.m.

3.6 INVESTIGATION OF BIDDERS

Bidders are responsible for thoroughly reading and understanding the information, instructions, and specifications contained in the Invitation for Bids, and for investigating the site conditions at the Project location(s), if applicable. At bid opening, each Bidder will be presumed to have read and to be thoroughly familiar with the plans, specifications and contract documents (including all addenda). The failure or omission of any bidder to examine any form, instrument, or document shall in no way relieve the Bidder from any obligation in respect to their Bid.

3.7 QUALIFICATION OF BIDDERS

The Village reserves the right to request any additional information necessary, including available facilities, equipment and technological capabilities, in order to ascertain the Bidders capability to perform the Work.

3.8 BID GUARANTY - N/A

A certified or cashier's check drawn on a national or state bank, or bid bond, in the amount of **five percent (5%)** of the total bid, shall accompany each bid as a guarantee that the Bidder will, if award is made, execute a Contract to do the Work for the amount proposed and furnish any required certificates of insurance and bond documents. The bid bond shall be from a surety with an A-rating or better under Best's Guidelines, made payable to: The Village of Key Biscayne.

Bid surety received from unsuccessful Bidders will be returned after the Contract is awarded and executed, if requested by unsuccessful Bidder.

The failure of the successful Bidder(s) to execute a Contract and submit required insurance certificates and bonds will result in forfeit of the Award. Each Bidder agrees in advance that the Village will sustain certain damages too difficult to accurately ascertain. Accordingly, if the Award is forfeited under this Section, the amount of the Bid Guaranty of the forfeiting Bidder will be retained by the Village, not as forfeiture or a penalty, but as liquidated damages.

3.9 WITHDRAWAL OF A BID

A Bidder may withdraw its Bid at any date and time prior to the time the Bids are scheduled to be opened. Notice of withdrawal shall be emailed directly to the Village Procurement Division, at procurement@keybiscayne.fl.gov.

3.10 FAMILIARITY WITH LAWS

The Bidder is assumed to be familiar with all applicable Federal, State, and local laws, ordinances, rules, and regulations that may in any manner affect the Work.

3.11 ASSIGNMENT, NON-TRANSFERABILITY OF BID

A. Bids shall not be assigned or transferred. A bidder who is, or may be, purchased by or merged with any other corporate entity during any stage of the bidding process, through to and including awarding of and execution of the Agreement, is subject to having its bid disqualified as a result of such transaction. The Village Manager shall determine whether a bid is to be disqualified in such instances.

B. If, at any time during the bidding process, filings, notices or like documents are submitted to

any regulatory agency concerning the potential acquisition of bidder, or the sale of a controlling interest in the bidder, or any similar transaction, the bidder shall immediately disclose such information to the Village. Failure to do so may result in the bid being disqualified, at the Village's sole discretion.

3.12 TIME AND AWARD

Bids shall be held firm for ninety (90) days from the date of bid opening to allow for the Village review, award, and execution of the Contract. No modifications shall be submitted by Bidder or accepted by the Village.

3.13 AWARD OF CONTRACT

The Award of the Contract will be to the lowest Responsive and Responsible Bidder(s), whose qualifications indicate the Award will be in the best interest of the Village and whose Bid(s) complies with the requirements of these specifications. The Village, as part of its evaluation may perform an examination of the Bidder's facilities, including, but not be limited to, all properties operated by the Bidder, all equipment used in the performance of business by the Bidder, and/or any other evidence, tangible or intangible, that the Village may deem necessary to substantiate the technical and other qualifications, and the abilities of the Bidder to perform the Work.

In no case will the Award be made until all necessary investigations have been made into the responsibility of the Bidder(s) and the Village Manager is satisfied that the Bidder is qualified to do the Work and have the necessary organization, capital and equipment to carry out the Work in the specified timeframes. In evaluating responsibility, the Village may also consider previous contracts with the Village, past performance and experience with other contracts, compatibility of the project team with Village personnel, and any other criteria deemed relevant by the Village.

If the successful Bidder to whom a Contract is awarded forfeits the Award by failing to meet the conditions of award, the Village may award the Contract to the next lowest Responsive and Responsible Bidder or reject all Bids or re-advertise the Work.

3.14 BONDS – N/A

A Performance and a Payment Bond for the full amount of the Contract shall be required in connection with this Contract.

3.15 INSURANCE REQUIREMENTS

Bidder shall secure and maintain throughout the duration of the Contract, if selected, insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Bidder's insurance and shall not contribute to the Bidder's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent. Copies of Bidder's actual Insurance Policies as required herein and Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured. Each Policy and certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of

SECTION 4. GENERAL REQUIREMENTS

4.1 RETENTION OF BID

The Village reserves the right to retain all Proposals submitted and use any ideas contained in any Bids, regardless of whether that Bidder is selected.

4.2 PUBLIC RECORDS

Florida law provides that municipal records should be open for inspection by any person under Chapter 119, F.S. Public Records law. All information and materials received by the Village in connection with Bids shall become property of the Village and shall be deemed to be public records subject to public inspection.

4.3 LOBBYIST REGISTRATION

Respondents must comply with the Village's lobbyist regulations. Please contact the Village Clerk at (305) 365-5506 for additional information.

4.4 PERMITS, TAXES, LICENSES

The Vendor shall, at its own expense, obtain all necessary permits, pay all licenses, fees and taxes required to comply with all local ordinances, state and federal laws, rules, regulations and professional standards that would apply to this contract.

4.5 LAWS, ORDINANCES

The Vendor shall observe and comply with all federal, state, and local laws, including ordinances, rules, regulations and professional standards that would apply to the contract.

4.6 SCRUTINIZED COMPANIES

Pursuant to Section 287.135, Florida Statutes, a Bidder is ineligible to, and may not submit a Bid for, or enter into or renew a contract with VILLAGE for goods or services if at the time of submitting a Bid for a new contract or renewal of an existing contract:

A. for any contract amount, if the Bidder is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel;

B. if $1 million or more and the Bidder is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; or

C. if $1 million or more and the Bidder is engaged in business operations in Cuba or Syria.

4.7 NON-APPROPRIATION OF FUNDS

In the event that insufficient funds are appropriated, and budgeting or funding is otherwise unavailable or not allocated in any fiscal period for the Agreement, the Village shall have the unqualified right to terminate the Work Order(s), and/or Agreement, upon written notice to the Successful Bidder, without any penalty or expense to the Village or recourse against the Village. No guarantee, promise, warranty, or representation is made that any work or project(s) will be assigned to the Successful Bidder.

4.8 PUBLIC ENTITY CRIMES ACT

In accordance with the Public Entity Crimes Act, (Section 287.133, Florida Statutes) a person or affiliate who is a contractor, who had been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to the Village, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases or real property to the Village, may not be awarded or perform work as a contractor, supplier, subcontractor, or CONTRACTOR under a contract with any public entity, and may not transact business with the Village in excess of the threshold amount provided in Section 287.917, Florida Statutes, for Category Two for a period of 36 months form the date of being placed on the convicted vendor list. Violation of this section by the Contractor shall result in rejection of the Bid, termination of the contract, and may cause Contractor debarment.

4.9 KEY PERSONNEL

Subsequent to submission of a Bid and prior to award of an Agreement, Key Personnel shall not be changed. Bidders shall not change any member of their Key Personnel without just cause and prior written approval by the Village. The Village reserves the right to request additional documentation, as required by the ITB prior to making its determination. If the Village does not accept the proposed change(s), the Bid may be rejected and not considered for award.

4.10 E-VERIFY

Successful Bidder shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any Subcontractor performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Subcontractor during the Contract term.

4.11 CONFLICT OF INTEREST

Bidders, by responding to this ITB, certify that to the best of their knowledge and belief, no elected/appointed official or employee of the Village is financially interested, directly or indirectly, in the purchase of goods/services specified in this ITB. Any such interests on the part of the Bidder or its employees shall be disclosed in writing to the Village. Further, Bidders shall disclose the name of any Village employee who owns, directly or indirectly, an interest of five percent (5%) or more of the total assets of capital stock of the Bidding firm.

4.12 DEBARRED/SUSPENDED VENDORS

An entity or affiliate who has been placed on the State of Florida or Federal debarred or suspended vendor list may not: a) submit a Bid on a contract to provide goods or services to a public entity; b) may not submit a Bid on a contract with a public entity for the construction or repair of a public building or public work; c) may not submit a Bid on leases of real property to a public entity; d) may not be awarded or perform work as a contractor, design-builder, supplier, subcontractor, or consultant under contract with any public entity; and e) may not transact business with any public entity.

4.13 NON-DISCRIMINATION

The Bidder agrees that it shall not discriminate by race, gender, color, age, religion, national origin, marital status, or disability in connection with its performance under this ITB. Furthermore, Bidder agrees that no otherwise qualified individual shall solely by reason of his/her race, gender, color, age, religion, national origin, marital status, or disability be excluded from the participation in, be denied benefits of, or be

subjected to, discrimination under any program or activity called for or required in connection with services rendered under this Agreement.

4.14 UNETHICAL BUSINESS PRACTICE PROHIBITIONS

The Bidder represents and warrants to the Village that it has not employed or retained any person or company employed by the Village to solicit or secure the award of the Agreement and that it has not offered to pay, paid, or agreed to pay any person any fee, commission, percentage, brokerage fee, or gift of any kind, contingent upon or in connection with, the award of the Contract.

4.15 ADDITIONAL TERMS AND CONDITIONS

No additional terms and conditions included with the Bid shall be evaluated or considered, and any and all such additional terms and conditions shall have no force or effect and are inapplicable to this solicitation. If submitted purposely, through either intent or design, or inadvertently, appearing separately in transmittal letters, specifications, literature, price lists, or warranties, it is understood and agreed that the General and Special Conditions in this solicitation are the only conditions applicable to this solicitation and that the Bidder's authorized signature affixed to the Bidder's acknowledgment form, attests to this.

4.16 CONE OF SILENCE

To ensure fair consideration for all Bidders, a Cone of Silence is encourage starting on the posting of the bid submission. Bidders are asked not to communicate any department, division, or employee from the submission package concerning the bid until an award decision has been made. Any communication between Bidder and the Village in order to obtain information or clarification needed to develop a proper, accurate evaluation of the bid should be conducted through the Village Procurement Officer, Daren Jairam at djairam@keybiscayne.fl.gov or procurement@keybiscayne.fl.gov.

END OF SECTION 4.

SECTION 5. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☐ Form 1: Response Checklist
- ☐ Form 2: Addendum Acknowledgment
- ☐ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - ▪ Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - ▪ Form 3B: Certificate of Authority (for Individuals)
- ☐ Form 4: Proposer's Statement of Organization
- ☐ Form 5: References
- ☐ Form 6: Affidavits
  - • Form 6A: Single Execution Affidavits
  - • Form 6B: Independence Affidavit
  - • Form 6C: Non-Collusion Affidavit
- ☐ Form 7: Drug Free Workplace
- ☐ Form 8: Certification to Accuracy of Proposal
- ☐ Form 9: Scrutinized Companies
- ☐ Form 10: Public Entity Crimes
- ☐ Form 11: Dispute Disclosure
- ☐ Form 12: List of Proposed Subcontractors
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☐ A: Draft Contract

EXHIBITS

- ☐ A: Scope of Services
- ☐ B: Fee Schedule/Price Proposal
- ☐ C: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES
Solicitation No.:
ITB # 2025-09

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: _____

Authorized Representative's Name: _____

Title: _____

Email: _____

Phone Number: _____

Address: _____

Authorized Signature: _____

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of _____

_____

_____ a business existing under the laws of the State of _____, (the "Entity") held on _____, 20____, the following resolution was duly passed and adopted:

> "RESOLVED, that, _____, as ____ _____ of the Entity, be and is hereby authorized to execute this Proposal dated _____, 20____, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this _____ day of _____, 20____.

Secretary: _____ President: _____

Print Name: _____ Print Name: _____

(Seal)

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I, Francisco Oliva ("Affiant") being first duly sworn, deposes and says:

1. I am the owner

   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: Island Party Place LLC doing business as _____, the Contractor that has submitted the attached Proposal.

2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.

3. I am authorized to execute the Proposal dated May 25, 2025, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, , will be the official act and deed of this attestation.

In the presence of:

Jaqueline Torres

Witness #1 Print Name: _____

Witness #2 Print Name: Ramon Rojas

Signed, sealed and delivered by:

Francisco Oliva

Print Name: [redacted]

Title: President

ACKNOWLEDGMENT

State of Florida
County of Miami Dade

On this 29 day of May, 2025 before me the undersigned, personally appeared Francisco Miguel Oliva, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

Jaqueline Torres

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
__✓__Produced identification (Type of Identification: FL DL)
_____Did take an oath; or
_____Did not take an oath

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   Island Party Place LLC

2. Principal Business Address, Phone and Email Address:
   300 Galen Drive apt 405, Key Biscayne, Fl, 33149
   7862347050
   islandpartyplace@yahoo.com

3. Principal Contact Person(s):
   Francisco Oliva
   Terry Oliva

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):

   A. If a corporation, in what state incorporated: _____
   B. Date Incorporated: _____
   C. Federal ID Number
      (EIN)_____33-3812156_____
   D. If a joint Venture or Partnership, date of Agreement:
      _____
   E. Name and address of all partners (state whether general or limited partnership):
      _____
   F. If other than a corporation or partnership describe, organization and name of principals

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Francisco Oliva	President

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this ITB Agreement. _20_____

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.			
B.			
C.			
D.			

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. _____
   B. _____

C. _____

D. _____

9. County or municipal business tax receipt number (attach copies):

County: _____

Municipal: _____

10. Have you ever failed to complete any work awarded to you?

Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?

Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?

Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?

Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?

Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?

Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?

Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?

Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?

Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency,

criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

21. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** ✓ **If yes, attach a separate sheet of explanation.**

22. Have you made a site visit? ✓ Yes, _____ No

23. How soon after the award can you begin work? ____/____ Days.

24. List any licenses, permits or certifications, etc., you hold for performing this type of work:
_____
_____
_____

25. **How did you hear about the ITB?** Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services.
____v_____

_____
Signature (Blue ink only)

Print NameFrancisco Oliva President
Title

_____
_ Date 5/28/2025

STATE OF Florida)
COUNTY OF Miami Dade)

The foregoing instrument was acknowledged before me this 29 day of May, 2025
by Francisco Miguel Oliva as President
(Name of person acknowledging) *(Title)*
for _____.
(Company name)
Personally known to me ____ or has produced Identification ✓, type of identification produced FL DL.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC Jaqueline Torres
PRINT, TYPE/STAMP NAME OF NOTARY

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

FORM 5

CLIENT REFERENCES

PLEASE PRINT CLEARLY

REFERENCE #1

Name of Company:Chabad Key biscayne Jewish center

Reference Contact Name: _Avermel caroline

_____ **Contact Title**:

_____Rabbi_____

Contact Telephone:

_____305-725-8758_____ **Contact**

Email:

___info@chabadkeyb.com_____

_____ **Contract Start Date:** _____ **Contract End Date:**

_____

REFERENCE #2

Name of Company: R & R

Reference Contact Cris Roa

_____ **Contact Title**:

_____

Contact Telephone:

786-897-2334_____

Contact

_____

Email: Roa361@gmail.com_____

__ **Contract Start Date:** _____ **Contract End Date:**

_____

REFERENCE #3

Name of Company" Uli & more
Reference Contact Name:
_____Uli_____ **Contact Title**:
_____

Contact Telephone: 786-641-8388 41788655559(switzerland)

_____

Contact Email: access@uliandmore.com

1074

Contract Start

REFERENCE #4

Name of Company Historic Palm Lodge, Bacardi

Reference Contact Name:

__Elizabeth Rusch_____ **Contact Title**:

_____owner_____

Contact Telephone

_____646-552-0811_____ **Contact**

Email: __Elizabeth@HistoricPalmLodge.com_____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #5

Name of Compan: Truly tasteful events

Reference Contact Name:

_____lisa _____ **Contact Title**:

_____ **Contact**

Telephone:

_____786-237-1398_____ **Contact**

Email: trulytastefulevents@gmail.com_____ **Contract Start Date:**

_____ **Contract End Date:** _____

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Francisco Oliva

For (Name of Proposing or Bidding Entity): Island Party Place LLC

Whose business address is: 300 Galen Drive, Key Biscayne Fl 33149

And (if applicable) its Federal Employer Identification Number (FEIN) is: 33-3812156

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#:)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[✓] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

_____
Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

_____
Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

_____
Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

_____
Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

_____
Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.

CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES** and any addendum/addenda related thereto.

2. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
3. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

_____
Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

_____
Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Jaqueline Torres

Witness #1 Print Name: _____

Witness #2 Print Name: Paloma Bryan

Signed, sealed and delivered by:

Print Name: Francisco Oliva

Title: President

ACKNOWLEDGMENT

State of Florida

County of Miami Dade

On this 29 day of May, 2025 before me the undersigned, personally appeared Francisco Miguel Oliva whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

Jaqueline Torres

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

__✓__Produced identification (Type of Identification: FL DL)

_____Did take an oath; or

_____Did not take an oath

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am Francisco Oliva of Island Party Place, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

Signature (Blue ink only)

Francisco Oliva

Print Name

President

Title

05/29/2025

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 29 day of May, 2025

by Francisco Miguel Oliva as President

(Name of person acknowledging) *(Title)*

for Island Party Place LLC

(Company name)

Personally known to me _____ or has produced Identification ✓ type of identification produced FL DL

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

Jaqueline Torres

PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Francisco Oliva of Island Party Place LLC, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached ITB is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

Francisco Oliva

Print Name

President

Title

05/28/2025

Date

STATE OF Florida)
COUNTY OF Miami Dade

The foregoing instrument was acknowledged before me this 29 day of May, 2025

by Francisco Miguel Oliva as President
(Name of person acknowledging) *(Title)*

for Island Party Place LLC.
(Company name)

Personally known to me ____ or has produced Identification ✓ type of identification produced FL DL.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Jaqueline Torres

PRINT, TYPE/STAMP NAME OF NOTARY

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that island party place LLC does:

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the ITB document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the ITB or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

Francisco Oliva

Print Name

President

Title

05/28/2025

Date

STATE OF Florida)
COUNTY OF Miami Dade

The foregoing instrument was acknowledged before me this 29 day of May, 2025

by Francisco Miguel Oliva as President

(Name of person acknowledging) *(Title)*

for Island Park Place LLC

(Company name)

Personally known to me _____ or has produced Identification ✓, type of identification produced FL DL.

(NOTARY SEAL HERE)

Jaqueline Torres

SIGNATURE OF NOTARY PUBLIC

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

Jaqueline Torres

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the ITB and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the ITB and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is francisco oliva of island party place, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF Florida)
COUNTY OF Miami Dade

The foregoing instrument was acknowledged before me this 29 day of May, 2025

by Francisco Miguel Oliva as President
(Name of person acknowledging) *(Title)*

for Island Party Place LLC.
(Company name)

Personally known to me _____ or has produced Identification ✓, type of identification produced PL DL

Jaqueline Torres
SIGNATURE OF NOTARY PUBLIC
PRINT, TYPE/STAMP NAME OF NOTARY

(NOTARY SEAL HERE)

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

Francisco Oliva

Print Name

President

Title

05/28/2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 29 day of May, 2025

by Francisco Miguel Oliva as President

(Name of person acknowledging) *(Title)*

for Island Party Place LLC

(Company name)

Personally known to me ____ or has produced Identification ✓ type of identification produced FL DL

(NOTARY SEAL HERE)

Jaqueline Torres

SIGNATURE OF NOTARY PUBLIC

Jaqueline Torres

PRINT, TYPE/STAMP NAME OF NOTARY

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. ITB # 2025-09 Island Party place

2. This sworn statement is submitted by: (name of entity submitting sworn statement)

whose business address is: 300 galen drive apt 405 key biscayne fl, 33149

Federal Identification Number (FEIN) is: 33-

(if applicable) 33-9812156

Social Security Number:

(if the entity has no FEIN, include the Social ~~Security Number of the individual signing this sworn~~ statement)

3. My name is: francisco oliva

(print name of individual signing this document)

and my relationship to the entity is: President

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
   (a) A predecessor or successor of a person or a corporation convicted of a public

entity crime; or

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. ✓ Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, and (Please indicate which additional statement applies)

      1) ____ There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____ The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or

affiliate from the convicted vendor list. (Please attach a copy of the final order)

3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

Signature

05/28/2025
Date

STATE OF Florida
COUNTY OF Miami Dade

The foregoing instrument was acknowledged before me this 29 day of May, 2025

by Francisco Miguel Oliva as President

(Name of person acknowledging) *(Title)*

for Island Party Place LLC

(Company name)

Personally known to me _____ or has produced Identification ✓, type of identification produced FL DL

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Jaqueline Torres

PRINT, TYPE/STAMP NAME OF NOTARY

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp, 4/18/2026

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO X

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO X

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO X

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: Island Party Place LLC

Authorized Signature: [signature]

Print or Type Name: Francisco Oliva

Title: President

Date: 05/28/2025

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
1	none		

Firm: Island Party Rent

Authorized Signature:

Print or Type Name: Francisco Oliva

Title: President

Date: 05/28/2025

FORM 13
FORM 14
FORM 15 N/A
FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

Proposal of Island party place

(Name)

300 Galen drive apt 405, key Biscayne fl, 33149

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES
("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.

The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.
NOTE: THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No._____

Bidder's Occupational License No. _____

WITNESS: Jaqueline Torres

By: Jaqueline Torres
Signature of Authorized Agent

[SEAL]

Jaqueline Torres

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

ATTACHMENT A

SERVICES AGREEMENT BETWEEN THE VILLAGE OF KEY BISCAYNE AND NAME OF ENTITY

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____ _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **NAME OF ENTITY,** a Florida [type of entity] (hereinafter, the "Consultant").

WHEREAS, the Village desires certain **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES** and

WHEREAS, the Consultant will perform services on behalf of the Village, all as further set forth in the Proposal dated _____, 2025, attached hereto as Exhibit "A" (the "Services"); and

WHEREAS, the Consultant and Village, through mutual negotiation, have agreed upon a fee for the Services; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. **Scope of Services.**

   1.1. Consultant shall provide the Services set forth in the Proposal attached hereto as Exhibit "A" and incorporated herein by reference (the "Services").

   1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. **Term/Commencement Date.**

   2.1. The term of this Agreement shall be from the Effective Date through three (3) years thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for two (2) additional one (1) year periods on the same terms as set forth herein upon written notice to the Consultant.

   2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. Compensation and Payment.

3.1. Compensation for Services provided by Consultant shall be in accordance with the Proposal attached hereto as Exhibit "A." Consultant shall be compensated a flat rate, lump sum fee in the amount of $XXXX.XX per month.

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village, and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be

endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. **Additional Insured.** Except with respect to Professional Liability Insurance and Worker's Compensation Insurance, the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. **Deductibles.** All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. **Nondiscrimination.** During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. **Attorneys Fees and Waiver of Jury Trial.**

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. **Indemnification.**

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter

arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within

a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records:	**Jocelyn B. Koch**
Mailing address:	**88 West McIntyre Street**
	Key Biscayne, FL 33149
Telephone number:	**305-365-5506**
Email:	**jkoch@keybiscayne.fl.gov**

17. Nonassignability. This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. Severability. If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. Independent Contractor. The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not

in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.** The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **Public Entity Crimes Affidavit.** Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

25. **Counterparts.** This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. **Conflicts.** In the event of a conflict between the terms of this Agreement and any exhibits or attachments hereto, the terms of this Agreement shall control.

27. **E-Verify Affidavit.** In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Contractor acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

[Remainder of page intentionally left blank. Signature pages follow.]

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONTRACTOR

By: _____

Name: _____

Title: _____

Email: _____

Entity: **LEGAL NAME OF ENTITY**

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____ (email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____ (facsimile)
_____(email)

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

Witness #1 Print Name: Romeo Reyes

Witness #2 Print Name: Jaqueline Torres

Signed, sealed and delivered by:

Print Name: Francisco Oliva

Title: President

Entity Name: Island Party Place LLC

ACKNOWLEDGMENT

State of Florida

County of Miami Dade

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 29 day of May, 20 25 by Francisco Miguel Oliva (name of person) as President (type of authority) for Island Party Place LLC (name of party on behalf of whom instrument is executed).

Jaqueline Torres

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or

__(Produced identification (Type of Identification: FL DL)

_____ Did take an oath; or

_____ Did not take an oath

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of Island Party Place LLC, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____

Witness #1 Print Name: Romain Bryan

_____

Witness #2 Print Name: Jaqueline Torres

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____

Print Name: Francisco Olivia

Title: President

Entity Name: Island Party Place LLC

OATH OR AFFIRMATION

State of Florida
County of Miami Dade

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 29 day of May, 2025 by Francisco Miguel Oliva (name of person) as President LLC (type of authority) for Island Party Place (name of party on behalf of whom instrument is executed).

Jaqueline Torres
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
✓ Produced identification (Type of Identification: FL DL)
_____Did take an oath; or
_____Did not take an oath

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Witness #1 Print Name: Roman Reyes

Witness #2 Print Name: Jaqueline Torres

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Francisco Oliva

Title: President

Entity Name: Island Park Place LLC

OATH OR AFFIRMATION

State of Florida
County of Miami Dade

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 29 day of May, 2025 by Francisco Miguel Oliva (name of person) as President (type of authority) for Island Park Place LLC (name of party on behalf of whom instrument is executed).

Jaqueline Torres
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
__✓__Produced identification (Type of Identification: FLDL
_____Did take an oath; or
_____Did not take an oat

Notary Public State of Florida
Jaqueline Torres
My Commission
HH 231652
Exp. 4/18/2026

EXHIBIT A

SCOPE OF SERVICES

The Scope of Services are those contained in the Proposal Section 2. dated _____, 2025 , attached hereto and incorporated herein by reference.

EXHIBIT B

VILLAGE OF KEY BISCAYNE

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

PROPOSAL SCHEDULE

NAME OF PROPOSER: ___Island Party Place_____

In response to the Village's invitation to bid and in compliance with the ITB requirements, the undersigned bidder to provide all labor, materials and equipment, all supervision, coordination, all related incidentals necessary to **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES** located at the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated _____ including Addenda numbered _____ through _____, inclusive, for an all-inclusive Base Bid for **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES** includes all incidental costs.

The Contractor understands and agrees that the prices submitted is for the services as indicated in the Scope of Service, including but not limited to, all labor, materials, equipment and permitting.

TABLE – VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

The following table provides the unit pricing structure for bidding purposes. Contractors shall complete the table with their proposed unit costs. Units to be replaced must be of the same manufacturer and specifications as the existing units unless otherwise specified or instructed by the Village.

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	Notes
Event #1	Veteran's Day & Memorial Day	11/11/25 & 5/25/26	30X80 tent secured	1	1700	1700	The equipment must be set up the evening before the event and removed by 4 pm on the day of the event. The tent may not be staked to the ground. Equipment removal may begin at 11 am.
	Village Green Promenade		white chairs	200	2.25	450	
Event Total						2400	
Number	**Title & Location**	**Event Date(s)**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	The equipment must be delivered and set up by 2 pm on 11/7/25. Tents may not be staked into the ground. The equipment may begin at 1 pm on the event day and removal completed by 5 pm.
Event #2	Lighthouse Run	11/8/2025	10X10 tents	8	95	760	
	Bill Baggs St. Park		20X20 tents	2	275	550	
			white chairs	40	2.25	90	
			8 ft. rectangular tables	40	10	400	
Event Total						2100	

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	
Event #3	Winterfest	12/6/25 & 12/7/25	10X10 tents	8	100.00	800	The equipment must be delivered and set up by 2 pm on 12/6/25. Tents may not be staked into the ground. The tablecloths must be replaced with new ones by 2 pm on 12/7/25. The equipment removal may begin at 9 pm on 12/7/25 and must be completed by 11 pm.
	Village Civic Center		60" round tables	10	10	100	
			8 ft. rectangular tables	20	10	200	
			white chairs	350	2.95	1032.50	
			table cloths for all tables	30	15/25	550	
Event Total						4424	

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	
Event #4	Baseball Opening Day	TBD	popcorn machine (100 servings)	1	1.85	185	The equipment and attendants must be in place and ready to be served by 9:00 am the day of the event. The serving duration will be 1 hour from 9:30 am to 10:30 am. Equipment removal may begin at 10:30 am and must be complete by 1 pm
	KB-K8 School	Saturday in January	cotton candy machine (100 servings)	1	1.85	185	
			hot dog cart & condiments (100 servings)	1	49	495	
			Equipment attendants/servers	3	25	75	
Event Total							

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	
Event #5	Special Needs Awareness Event	TBD	10X10 tents	25	95	2375	The equipment and attendants must be in place and ready to be served by 3:00 pm the day of the event. The serving duration will be 4 hours from 3:30 pm to 7:30 pm. Equipment removal may begin at 8 pm and must be complete by 10 pm
		Sunday in March	8 ft. rectangular tables	10	10	100	
			white chairs	200	2	400	
			6 ft. rectangular tables	22	9	198	
			cotton candy machine (300 servings)	1	555	555	
			popcorn machine (300 servings)	1	555	555	
			Equipment attendants/servers	2	100	200	
Event Total						4833	

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Bidder is familiar with the nature and extent of the work and any local conditions or criteria dictated in the ITB .

The undersigned Bidder agrees to do all the work and furnish all materials called for by the ITB Documents. The bidder further agrees that payments will be made based on actual quantities placed and accepted.

The undersigned Bidder agrees to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for construction of: **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: _Island party place_____

Bidder's Name: Francisco oliva_____

Bidder's Email: __Islandpartyplace@yahoo.com_____

Bidder's Title: ___President_____

Bidder's Signature: _____

EXHIBIT C
CERTIFICATE OF INSURANCE

ATTACHMENT D
PERFORMANCE EVALUATION

Village of Key Biscayne Performance Evaluation
Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

Section I: Project Information

Contract Name	
Brief Description	
Contract Number	
Lead Department	
Evaluator	
Evaluation Period	

Vendor Name	
Vendor Address	
Project Manager Name	
Project Manager Email	
Project Manager Phone	
Contract Amount	

Section II: Performance Evaluation Criteria

Quality of Service	**Rating**	**Comments**
Did the vendor meet the agreed-upon deadlines for delivering the services?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How accurate and error-free were the services provided by the Vendor? Was re-work required? If yes, pls specify in comments.	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
Did the vendor introduce any innovative technologies, processes, or strategies that improved the service delivery?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
Based on the vendor's quality of service, how likely are you to recommend the vendor's services to others?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How satisfied are you with the overall quality of service provided by the vendor?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	

Communication and Responsiveness	**Rating**	**Comments**
How would you rate the vendor's ability to maintain a positive working relationship with the team and stakeholders?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	

Village of Key Biscayne Performance Evaluation
Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

How would you rate the vendor's communication skills and responsiveness to your inquiries or concerns?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How responsive was the vendor in addressing any service disruptions or downtime?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Did the vendor provide any training or knowledge transfer to your team to enhance their understanding of the services?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How well did the vendor document and maintain records related to the services provided?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Based on the vendor's communication and responsiveness, how likely are you to recommend the vendor's services to others?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How would you rate the vendor's overall communication and responsiveness?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	

Compliance with Contractual Obligations	**Rating**	**Comments**
Did the vendor adhere to the terms identified in the contract scope?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Did the vendor comply with all applicable laws, regulations, health and safety regulations?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How would you rate the vendor's performance in fulfilling the service contract requirements?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
Based on the vendor's compliance with contractual obligations, how likely are you to recommend the vendor's services to others?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	
How would you rate the vendor's overall compliance with contractual obligations?	1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ n/a ☐	

Village of Key Biscayne Performance Evaluation
Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

Cost-Effectiveness	**Rating**	**Comments**
Did the vendor implement any cost-saving measures or strategies during the contract period?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
Were the level of service commensurate with cost expectations?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How well did the vendor manage and allocate resources to ensure the smooth delivery of services?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
Based on the vendor's cost-effectiveness, how likely are you to recommend the vendor's services to others?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How would you rate the vendor's overall management of cost-effectiveness?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	

Problem-Solving and Conflict Resolution	**Rating**	**Comments**
How well did the vendor handle any changes or modifications requested during the contract period?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How well did the vendor handle complaints or escalations from your team or customers?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
Based on the vendor's problem-solving and conflict resolution, how likely are you to recommend the vendor's services to others?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	
How would you rate the vendor's overall problem-solving and conflict resolution?	1☐ 2☐ 3☐ 4☐ 5☐ n/a☐	

Village of Key Biscayne Performance Evaluation
Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

Vendor Comments (if applicable, attach image and pictures)

Section III: Overall rating

Consultant Overall rating	☐ Excellent	☐ Good	☐ Satisfactory	☐ Fair	☐ Unsatisfactory

Instructions:

- A copy of this evaluation form shall be given to the vendor at contract execution.
- Evaluation forms are to be completed quarterly or at the end of each contract/project.
- Complete all fields and provide comments where applicable; reference ratings guidelines.
- Share form with Vendor and have them fill out vendor comments

Village of Key Biscayne Performance Evaluation
Service Contracts

The purpose of this form is to evaluate a service vendor's performance. The form will be retained by the Village for five years to provide historical data when selecting and renewing contracts. The performance evaluation supports continuous quality improvement by providing direct feedback to the community regarding overall performance measures for each contract.

- Completed forms are to be sent to Daren Jairam at djairam@keybiscayne.fl.gov

Ratings Guidelines:

Rating #1 (Unsatisfactory) - Work required extensive revisions; included numerous & significant errors; consultant was unable or unwilling to perform consistently; required an inordinate amount of supervision, and/or failed to meet professional standards or project objectives.

Rating #2 (Fair) – Performance was marginal; execution of contractual objectives required more review and included more errors than would normally be anticipated; level of service or expertise below average.

Rating #3 (Satisfactory) – Performance and work were satisfactory; services provided were at least of industry standard; no significant errors or problems; contractual objectives met.

Rating #4 (Good) - Vendor work is better than that of the average consultant.

Rating #5 (Excellent) – Performance was clearly above standard; expectations exceeded; objectives were met with a higher level of professional expertise.

_____
Vendor Project Manager & Date

_____
Village of Key Biscayne Evaluator & Date

_____
Department Director Signature & Date

VILLAGE OF KEY BISCAYNE
88 West McIntyre Street
Key Biscayne, Florida 33149

REQUEST FOR QUOTATIONS

RFQT # 25-01

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

RFQT Release Date:	**June 13, 2025**
Proposals Due:	**July 15, 2025, 11:30 A.M.**

Submit To:

Village Procurement Officer
procurement@keybiscayne.fl.gov

PUBLIC NOTICE

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES
PUBLIC NOTICE AND ADVERTISEMENT FOR BIDS

REQUEST FOR QUOTATIONS RFQ # 25-01

Post Date: **June 13, 2025**
Proposal Deadline: **July 15, 2025,** AT 11:30 AM

The Village of Key Biscayne ("Village") has issued a Request for Quotation ("RFQT") to interested, qualified and licensed contractors in the State of Florida, for the following services/project: **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES. The Village of Key Biscayne encourages small and minority business, women's business enterprises, and labor surplus area firms to submit proposals.**

Proposals must be received by the deadline date, submitted to:

VILLAGE OF KEY BISCAYNE PROCUREMENT OFFICER:
procurement@keybiscayne.fl.gov

Bid packages will be available on the Village's website www.keybiscayne.fl.gov/procurement **or may be available on Demandstar. For further information contact:**

Procurement:
procurement@keybiscayne.fl.gov

Dated: **June 13, 2024**

Request for Quotation
RFQT 25-01: VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

Posted: June 13, 2025
Due Date: Tuesday, July 15, 2025, at 11:30 AM

CONTRACTOR shall submit the following for the price quote to be accepted:

TABLE 1 – PRICE SHEET

Project Name:	**VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES**
Scope of Work:	The Village of Key Biscayne (the "Village"), a municipality located in Miami-Dade County, Florida, hereby requests bids from a event/party rental company that can supply high-quality linens, tables, tents, and chairs to support the diverse needs of events hosted by the Village Key Biscayne as further defined in Scope of Work. Contractor shall provide all necessary labor, materials, and equipment for servicing the Village as specified herein in full accordance with the specifications, terms and conditions in the RFQT.
Name of VENDOR:	MEGA PARTY EVENTS, INC
Address of VENDOR:	22840 S DIXIE HWY MIAMI, FL 33170
Authorized VENDOR Representative:	JUAN RUIZ
Signature and Date:	6/25/2025
Bid Quote Grand Total	$17,444

Official Use Only

Date Received by Village:	250708/1310
Acknowledged by:	Daren Jairam

Request for Quotation
RFQT 25-01: VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

SCOPE OF WORK

1.1 INTRODUCTION:

The primary objective of this project is to identify and contract with rental companies that can supply high-quality linens, tables, tents, and chairs to support the diverse needs of events hosted by the Village of Key Biscayne (Village). By partnering with experienced rental providers, the Village aims to create comfortable and functional event spaces that accommodate attendees and enhance their overall experience. The Village reserves the right to award multiple companies.

Vendors are not required to bid on all items

1.2 SCOPE OF WORK:

The contractor shall furnish all labor, equipment, materials, permits, insurance, and supervision necessary to perform the following tasks:

1.2.1 Tables:

The vendor shall be responsible for the delivery of tables, including set-up. The tables must be made of high-quality materials and must be visually appealing. The contractor shall provide a minimum of three options. The tables must be durable and properly anchored.

1.2.2 Tents:

The vendor shall be responsible for the delivery of tents, including set-up. The tents must be made of high-quality materials and must be visually appealing. The tents must be durable and properly anchored. Staking the tents into the ground is rarely an option for Village events.

1.2.3 Chairs:

The vendor shall be responsible for the delivery of chairs, including set-up. The chairs must be made of high-quality materials and must be visually appealing. The contractor shall provide a minimum of three options for chairs. The chairs must be durable, and in good working conditions.

1.2.3 Linens:

The Village aims to ensure the provision of high-quality linen products, including specialty linens, to meet the Village's needs for various events and functions including but not limited to:

- Standard linens (tablecloths, table runners, chair covers, etc.)
- Specialty linens such as satin, silk, rosettes, organza, and other unique fabrics, available upon request and subject to availability

1.3 RESPONSIBILITY OF RENTAL COMPANY:

The selected rental providers will be responsible for:

- Offering a wide selection of tables, tents, and chairs in various styles, sizes, and configurations to suit different types of events and spaces.

- Collaborating with event organizers to assess the seating and shelter requirements based on the event's size, layout, and anticipated attendance.
- Delivering and setting up rental equipment at designated event locations within the Village and adjacent areas in a timely and professional manner.
- Ensuring that all rental items are clean, well-maintained, and in good working conditions, adhering to hygiene and safety standards.
- Providing on-site support and assistance as needed during the event, including troubleshooting and addressing any issues related to the rental equipment.
- Coordinating with Village's event coordinators and staff to facilitate seamless logistics and execution of rental services.

1.4 SERVICE DETAILS:

1.4.1 Rental Period:
The rental period shall be determined based on the specific requirements of each event or function. The duration may vary from single-day rentals to extended rental periods as needed.

1.4.2 Delivery and Pickup:
The vendor will handle the delivery and pick up of all the equipment rented to and from the Village's designated location(s) at the agreed-upon times.

1.4.3 Quality Assurance:
All the equipment provided by the Vendor shall undergo thorough inspection and maintenance to ensure cleanliness, quality, and presentability.

1.4.4 Customization:
Vendor offers customization options such as color selection, sizing, and branding to align with the Village's event themes and branding guidelines.

1.4.5 Support Services:
The vendor will provide dedicated support personnel to assist with any inquiries, requests, or issues related to the equipment rentals promptly.

1.5 ADDITIONAL EQUIPMENT/SERVICES:
Companies are encouraged to list any additional equipment or services they provide that may not have been outlined in the ITB.

1.6 PERFORMANCE EVALUATION:
The Village is committed to maintaining high standards of service and accountability in all vendor relationships. This Vendor Performance Evaluation Form is designed to assess the quality and effectiveness of services provided by contracted vendors. The information collected through this evaluation will be used to inform future contract decisions, support performance improvement efforts, and ensure that community expectations are consistently met.

Completed evaluations will be retained by the Village for a period of five years and will serve as a valuable resource during the selection, renewal, or extension of service contracts. Your feedback plays a vital role in promoting transparency, fostering accountability, and enhancing the overall quality of services delivered to our community.

1.7 QUALIFICATIONS:

- Extensive experience in supplying linen, tables, tents, and chairs for events of varying scales and formats.
- A diverse inventory of rental equipment, including different styles and configurations, to accommodate various event requirements.
- Reliability and responsiveness in delivering rental services on schedule and according to specified guidelines.
- Commitment to quality assurance, with well-maintained and clean rental items that meet or exceed industry standards.
- Excellent customer service skills and the ability to communicate effectively with event organizers and staff to fulfill specific event needs.

1.8 INSTRUCTIONS:

1. VENDORS submitting the bid should include the attached Table 1 – Price Sheet with their bid. Bids are due on July 15, 2025, at 11:30 AM. Bids should be emailed to procurement@keybiscayne.fl.gov.

2. Questions regarding this quotation can be submitted to Daren Jairam, Procurement Officer, by email at procurement@keybiscayne.fl.gov.

3. All the requirements stated herein and the attached Terms and Conditions of the Village of Key Biscayne Purchase Order shall apply.

4. The Village reserves the right to:
   - **A.** Award the VENDOR or VENDORS as determined to be in the best interest of the Village.
   - **B.** Reject any or all submittals if found not to be in the best interest of the Village.

1.9 BID REQUIREMENTS:

A. Bid Proposal:

- Complete filling out of Bid Schedule.
- Submit required documents.
- Include all costs, including taxes, fees, delivery charges, and any other applicable charges.

B. Terms of Engagement:

The Vendor, by submission of its Bid, agrees to the terms and conditions contained in the contract attached hereto as Attachment "A," ("Contract") and further agrees to execute the Contract without change. Notwithstanding, the Village, in its sole discretion, reserves the right to negotiate the final contract price or any terms and conditions.

The initial contract term is for three (3) years with the option to extend at its sole discretion for two (2) one-year (1-year) renewal terms for the maximum of five (5) years. The Proposer understands that this ITB does not constitute an agreement or a contract with the Proposer. A proposal is not binding until proposals are approved by the Village of Key Biscayne Council and both parties execute a written contract.

Bids that are conditioned to additions, deletions, or revisions to the Contract's terms and conditions will be rejected as non-responsive.

C. **Additional Information:**
- Provide any additional information relevant to the bid, including contact person, and any other pertinent details.

1.10 SUBNISSION INSTRUCTIONS:
- **Format:** Submit your bid proposal in a PDF format.
- **Submission Method:** Email your bid proposal to procurement@keybiscayne.fl.gov.
- **Deadline:** All bid proposals must be received by **July 15, 2025, 11:30 A.M.** Late submissions will not be considered.

1.11 EVALUATION CRITERA:

Bids will be evaluated based on the following criteria:
- Compliance with specifications.
- Total cost, including any incentives and discounts.
- Availability and delivery timeframe.
- Warranty and service offerings.
- Overall value and additional benefits.

1.12 CONTACT FOR QUESTIONS:

For any questions or clarifications regarding this RFQT, please contact:

Name: Procurement Officer – Daren Jairam
Email: procurement@keybiscayne.fl.gov

1.13 CONE OF SILENCE:

To ensure fair consideration for all Proposers, a Cone of Silence is enforced starting on the posting date of the proposal submission. Proposers are asked not to communicate with any department, division, or employee from the submission package concerning the proposal until an award decision has been made. Any communication between Proposer and the Village in order to obtain information or clarification needed to develop a proper, accurate evaluation of the proposal should be conducted through the Village Procurement Officer, Daren Jairam at djairam@keybiscayne.fl.gov or procurement@keybiscayne.fl.gov.

END OF SECTION

FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☐ Form 1: Response Checklist
- ☐ Form 2: Addendum Acknowledgment
- ☐ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - ▪ Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - ▪ Form 3B: Certificate of Authority (for Individuals)
- ☐ Form 4: Proposer's Statement of Organization
- ☐ Form 5: References
- ☐ Form 6: Affidavits
  - • Form 6A: Single Execution Affidavits
  - • Form 6B: Independence Affidavit
  - • Form 6C: Non-Collusion Affidavit
- ☐ Form 7: Drug Free Workplace
- ☐ Form 8: Certification to Accuracy of Proposal
- ☐ Form 9: Scrutinized Companies
- ☐ Form 10: Public Entity Crimes
- ☐ Form 11: Dispute Disclosure
- ☐ Form 12: List of Proposed Subcontractors
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

EXHIBITS

- ☐ A: Scope of Services
- ☐ B: Fee Schedule/Price Proposal
- ☐ C: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES
Solicitation No.:
RFQT # 25-01

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☑ No Addendum issued for this Solicitation

Firm's Name: MEGA PARTY EVENTS, INC

Authorized Representative's Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

Email: JC@MEGAPARTYEVENTS.COM

Phone Number: 305-971-8494

Address: 22840 S DIXIE HWY MIAMI, FL 33170

Authorized Signature: _____

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of MEGA PARTY EVENTS, INC a business existing under the laws of the State of FLORIDA, (the "Entity") held on JUNE 25, 2025, the following resolution was duly passed and adopted:

"RESOLVED, that, JUAN RUIZ, as SR. ACCOUNT EXECUTIVE of the Entity, be and is hereby authorized to execute this Proposal dated JUNE 25, 2025, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this 25 day of JUNE, 2025.

Secretary: N/A

Print Name: N/A

President: [signature]

Print Name: ADRIAN DE LA ROSA

(Seal)

LOGISTICS

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I,_____ ("Affiant") being first duly sworn, deposes and says:

1. I am the _____

   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: _____

   _____ doing

   business as _____, the

   Contractor that has submitted the attached Proposal.

2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.

3. I am authorized to execute the Proposal dated _____, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, , will be the official act and deed of this attestation.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

ACKNOWLEDGMENT

State of Florida
County of _____

On this _____ day of _____, 20___, before me the undersigned, personally appeared _____, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   MEGA PARTY EVENTS, INC

2. Principal Business Address, Phone and Email Address:
   22840 S DIXIE HWY MIAMI, FL 33170
   305-971-8494
   JC@MEGAPARTYEVENTS.COM

3. Principal Contact Person(s):
   JUAN RUIZ

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
   CORPORATION
   A. If a corporation, in what state incorporated: FLORIDA
   B. Date Incorporated: 2/11/2004
   C. Federal ID Number (EIN) 20-0804979
   D. If a joint Venture or Partnership, date of Agreement: N/A
   E. Name and address of all partners (state whether general or limited partnership): ADRIAN DE LA ROSA - 22840 S DIXIE HWY MIAMI FL, 33170
   F. If other than a corporation or partnership describe, organization and name of principals. N/A

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
ADRIAN DE LA ROSA	PRESIDENT

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this ITB Agreement. 21 YEARS

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	JUAN RUIZ	22840 S DIXIE HWY MIAMI, FL 33170	SR. ACCOUNT EXECUTIVE
B.			
C.			
D.			

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. SALES
   B. EVENT PLANNING, COORDINATION AND LOGISTICS

C. Type text here

D. Type text here

9. County or municipal business tax receipt number (attach copies):
   County: MIAMI-DADE 5027578
   Municipal: _____

10. Have you ever failed to complete any work awarded to you?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency,

criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ No X If yes, attach a separate sheet of explanation.

22. Have you made a site visit? _____ Yes, X No

23. How soon after the award can you begin work? FIVE Days.

24. List any licenses, permits or certifications, etc., you hold for performing this type of work:
There are no licenses or certifications required by the State of Florida for Party Rental Services.
ALL MECHANICAL AND INFLATABLE EQUIPMENT ARE INSPECTED BEFORE EACH EVENT
WE HAVE ALL THE NECESSARY INSURANCE POLICIES.

25. How did you hear about the ITB? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. DEMANDSTAR AND EMAIL

_____
Signature (Blue ink only)

JUAN RUIZ
Print Name

SR. ACCOUNT EXECUTIVE
Title

6/25/2025
Date

STATE OF FLORIDA)
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this 25 day of JUNE, 2025,
by JUAN RUIZ as SR. ACCOUNT EXECUTIVE
(Name of person acknowledging) *(Title)*
for MEGA PARTY EVENTS, INC.
(Company name)
Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 5

CLIENT REFERENCES

PLEASE PRINT CLEARLY

REFERENCE #1

Name of Company: CITY OF HOMESTEAD

Reference Contact Name: NANCY DAVILA

Contact Title: EVENT SPECIALIST

Contact Email: ndavila@homesteadfl.gov

Contract Start Date: 4/12/2025 **Contract End Date:** 4/12/2025

REFERENCE #2

Name of Company: Nicklaus Children's Hospital

Reference Contact Name: Bela Florentin

Contact Title: Coordinator, Dr. Moises Simpser VACC Camp

Contact Email: bela.florentin@nicklaushealth.org

Contract Start Date: 3/27/2025 **Contract End Date:** 3/27/2025

REFERENCE #3

Name of Company: ZOO MIAMI

Reference Contact Name: Stefan Schwindeman

Contact Title: Manager of Events & Partnerships

Contact Email: sschwindeman@zoomiami.org

Contract Start Date: 4/19/2025 **Contract End Date:** 4/19/2025

REFERENCE #4

Name of Company: South Florida Autism Charter Schools, Inc.

Reference Contact Name: Bindhu Hirian

Contact Title: Director of Facilities/Activities

Contact Email: activities@sfacs.org

Contract Start Date: 6/26/2025 **Contract End Date:** 6/26/2025

REFERENCE #5

Name of Company: CITY OF MIRAMAR

Reference Contact Name: Carla D. Meadows

Contact Title: Special Events Manager

Contact Email: cdmeadows@miramarfl.gov

Contract Start Date: JULY 4/2025 **Contract End Date:** JULY 4,2025

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: JUAN RUIZ

For (Name of Proposing or Bidding Entity): MEGA PARTY EVENTS, INC

Whose business address is: 22840 S DIXIE HWY MIAMI, FL 33170

And (if applicable) its Federal Employer Identification Number (FEIN) is: 20-0804979

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#: N/A)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

MPE

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

Type text here

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[X] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

MPE

Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

MPE

Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

MPE
Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

MPE
Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

Type text here

MPE

Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.

CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES** and any addendum/addenda related thereto.

2. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
3. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

MPE

Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

ACKNOWLEDGMENT

State of Florida

County of MIAMI-DADE

On this 25 day of JUNE, 2025, before me the undersigned, personally appeared JUAN RUIZ, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

X Produced identification (Type of Identification:_____)

_____Did take an oath; or

_____Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am SR. ACCOUNT EXECUTIVE of MEGA PARTY EVENTS, INC, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

NONE

Signature (Blue ink only)

JUAN RUIZ

Print Name

SR. ACCOUNT EXECUTIVE

Title

6/25/2025

Date

STATE OF FLORIDA)
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this 25 day of JUNE, 2025

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE

(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS, INC.

(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is SR. ACCOUNT EXECUTIVE of MEGA PARTY EVENTS, INC, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFQT is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

JUAN RUIZ

Print Name

SR. ACCOUNT EXECUTIVE

Title

6/25/2025

Date

STATE OF FLORIDA)
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this 25 day of JUNE, 2025

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE
(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS, INC.
(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced_____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that MEGA PARTY EVENTS, INC does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFQT document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFQT or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

Type text here

Print Name

SR. ACCOUNT EXECUTIVE

Title

6/25/2025

Date

STATE OF FLORIDA)
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this 25 day of JUNE, 2025

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE

(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS, INC.

(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY

$

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFQT and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the RFQT and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is SR. ACCOUNT EXECUTIVE of MEGA PARTY EVENTS, INC, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF FLORIDA)
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this 25 day of JUNE, 2025,

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE
(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS, INC.
(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

JUAN RUIZ

Print Name

SR. ACCOUNT EXECUTIVE

Title

6/25/2025

Date

STATE OF FLORIDA)
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this 25 day of JUNE, 2025
by JUAN RUIZ as SR. ACCOUNT EXECUTIVE
(Name of person acknowledging) *(Title)*
for MEGA PARTY EVENTS, INC.
(Company name)
Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Type text here

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. 25-01

2. This sworn statement is submitted by: MEGA PARTY EVENTS, INC
(name of entity submitting sworn statement)

whose business address is: 22840 S DIXIE HWY MIAMI, FL 33170

Federal Identification Number (FEIN) is: 20-0804979
(if applicable)

Social Security Number: N/A

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: JUAN RUIZ
(print name of individual signing this document)

and my relationship to the entity is: PROFESSIONAL

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
   (a) A predecessor or successor of a person or a corporation convicted of a public

entity crime; or

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. X Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, and (Please indicate which additional statement applies)

      1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or

affiliate from the convicted vendor list. (Please attach a copy of the final order)

3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

_____	6/25/2025
Signature	Date

STATE OF FLORIDA)
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this 25 day of JUNE, 2025,

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE

(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS, INC.

(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO X

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO X

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO X

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: MEGA PARTY EVENTS, INC

Authorized Signature: _____

Print or Type Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

Date: 6/25/2025

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number

Firm: MEGA PARTY EVENTS, INC

Authorized Signature: _____

Print or Type Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

Date: 6/25/2025

FORM 13
FORM 14
FORM 15 N/A
FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

Proposal of MEGA PARTY EVENTS, INC

(Name)

22840 S DIXIE HWY MIAMI, FL 33170

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES
("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.

The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.
NOTE: THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No._____

Bidder's Occupational License No. 5027578

WITNESS:

_____ By: _____
Signature of Authorized Agent

_____

[SEAL]

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☑ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

Entity Name: MEGA PARTY EVENTS, INC

ACKNOWLEDGMENT

State of Florida

County of MIAMI-DADE

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 25 day of JUNE, 2025, by JUAN RUIZ (name of person) as SR. ACCOUNT EXECUTIVE (type of authority) for MEGA PARTY EVENTS, INC _____ (name of party on behalf of whom instrument is executed).

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

X Produced identification (Type of Identification: DRIVER LICENSE)

_____Did take an oath; or

_____Did not take an oath

An official website of the United States government Here's how you know

My Company Profile

Company Information

Company Name
MEGA PARTY EVENTS

Doing Business As (DBA) Name

Company ID
1763321

Enrollment Date
Nov 29, 2021

Employer Identification Number (EIN)
200804979

Unique Entity Identifier (UEI)

DUNS Number

Total Number of Employees
1 to 4

NAICS Code
721

Sector
Accommodation and Food Services

Subsector
Accommodation

Edit Company Information

Employer Category

Employer Category

None of these categories apply

Edit Employer Category

Company Addresses

Physical Address

22840 S DIXIE HIGHWAY
MIAMI, FL 33170

Mailing Address

Same as Physical Address

Edit Company Addresses

Hiring Sites

We have implemented a new policy and require more information for existing and future hiring sites.

Number of Sites

1

Edit Hiring Sites

Company Access

My Company is configured to:

Verify Its Own Employees

Memorandum of Understanding

View Current MOU

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Type text here

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that:**

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of MEGA PARTY EVENTS, INC, a nongovernmental entity.

3. MEGA PARTY EVENTS, INC does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____

Print Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

Entity Name: MEGA PARTY EVENTS, INC

OATH OR AFFIRMATION

State of Florida
County of MIAMI-DADE

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this 25 day of JUNE, 20 25, by JUAN RUIZ (name of person) as SR. ACCOUNT EXECUTIVE (type of authority) for _____ MEGA PARTY EVENTS, INC (name of party on behalf of whom instrument is executed).

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

X Produced identification (Type of Identification: DRIVER LICENSE)

_____Did take an oath; or

_____Did not take an oath

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES$$ OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. MEGA PARTY EVENTS, INC ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Witness #1 Print Name: _____

Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: JUAN RUIZ
Title: SR. ACCOUNT EXECUTIVE
Entity Name: MEGA PARTY EVENTS, INC

OATH OR AFFIRMATION

State of Florida
County of MIAMI-DADE

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 25 day of JUNE, 20 25, by JUAN RUIZ (name of person) as SR. ACCOUNT EXECUTIVE (type of authority) for _____ MEGA PARTY EVENTS, INC (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
X Produced identification (Type of Identification: DRIVER LICENSE)
_____Did take an oath; or
_____Did not take an oat

EXHIBIT B

VILLAGE OF KEY BISCAYNE

VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

PROPOSAL SCHEDULE

NAME OF PROPOSER: MEGA PARTY EVENTS, INC

In response to the Village's invitation to bid and in compliance with the RFQT requirements, the undersigned bidder to provide all labor, materials and equipment, all supervision, coordination, all related incidentals necessary to **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES** located at the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated 6/25/2025 including Addenda numbered _____ through _____, inclusive, for an all-inclusive Base Bid for **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES** includes all incidental costs.

The Contractor understands and agrees that the prices submitted is for the services as indicated in the Scope of Service, including but not limited to, all labor, materials, equipment and permitting.

TABLE – VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES

The following table provides the unit pricing structure for bidding purposes. Contractors shall complete the table with their proposed unit costs. Units to be replaced must be of the same manufacturer and specifications as the existing units unless otherwise specified or instructed by the Village.

Vendors are not required to bid on all items

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	Notes
Event #1	Veteran's Day & Memorial Day	11/11/25 & 5/25/26	30X80 tent secured	1	$2795		The equipment must be set up the evening before the event and removed by 4 pm on the day of the event. The tent may not be staked to the ground. Equipment removal may begin at 11 am.
	Village Green Promenade		white chairs	200	$2	$400	
Event Total						$3195	
Number	**Title & Location**	**Event Date(s)**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	The equipment must be delivered and set up by 2 pm on 11/7/25. Tents may not be staked into the ground. The equipment may begin at 1 pm on the event day and removal completed by 5 pm.
Event #2	Lighthouse Run	11/8/2025	10X10 tents	8	$175	$1400	
	Bill Baggs St. Park		20X20 tents	2	$380	$760	
			white chairs	40	$2	$80	
			8 ft. rectangular tables	40	$12	$480	
Event Total						$2720	
Number	**Title & Location**	**Event Date(s)**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	The equipment must be delivered and set up by 2

Event #3	Winterfest	12/6/25 & 12/7/25	10X10 tents	8	$175	$1400	pm on 12/6/25. Tents may not be staked into the ground. The tablecloths must be replaced with new ones by 2 pm on 12/7/25. The equipment removal may begin at 9 pm on 12/7/25 and must be completed by 11 pm.
	Village Civic Center		60" round tables	10	$12	$120	
			8 ft. rectangular tables	20	$12	$240	
			white chairs	350	$2	$700	
			table cloths for all tables	30	$20	$1200	
Event Total						$3660	
Number	**Title & Location**	**Event Date(s)**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	The equipment and attendants must be in place and ready to be served by 9:00 am the day of the event. The serving duration will be 1 hour from 9:30 am to 10:30 am. Equipment removal may begin at 10:30 am and must be complete by 1 pm
Event #4	Baseball Opening Day	TBD	popcorn machine (100 servings)	1	$195		
	KB-K8 School	Saturday in January	cotton candy machine (100 servings)	1	$195		
			hot dog cart & condiments (100 servings)	1	$1100		
			Equipment attendants/servers	3	$325		
Event Total						$1815	
Number	**Title & Location**	**Event Date(s)**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	The equipment and attendants must be in place and ready to be served by 3:00 pm the day of the event. The serving duration will be 4 hours from 3:30 pm to 7:30 pm. Equipment removal may begin at 8 pm and must be complete by 10 pm
Event #5	Special Needs Awareness Event	TBD	10X10 tents	25	$175	$4375	
		Sunday in March	8 ft. rectangular tables	10	$12	$120	
			white chairs	200	$2	$400	
			6 ft. rectangular tables	22	$12	$264	
			cotton candy machine (300 servings)	1	$235	$235	
			popcorn machine (300 servings)	1	$235	$235	
			Equipment attendants/servers	2	$425	$425	
Event Total						$ $6054	
EVENT 1, 2, 3, 4, AND 5 TOTAL						$17,444	

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Bidder is familiar with the nature and extent of the work and any local conditions or criteria dictated in the RFQT .

The undersigned Bidder agrees to do all the work and furnish all materials called for by the RFQT Documents. The bidder further agrees that payments will be made based on actual quantities placed and accepted.

The undersigned Bidder agrees to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for construction of: **VILLAGE OF KEY BISCAYNE SPECIAL EVENTS RENTAL SUPPLIES** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: MEGA PARTY EVENTS, INC

Bidder's Name: JUAN RUIZ

Bidder's Email: JC@MEGAPARTYEVENTS.COM

Bidder's Title: SR. ACCOUNT EXECUTIVE

Bidder's Signature: _____

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Mechanical Rides, Inflatables, and Entertainment Services Contract Agreements

RECOMMENDATION

Recommend the Village Council authorize the Village Manager to negotiate and enter into agreements with Event Max – Braxus Industries LLC. and Mega Party Events Inc. for the provision of mechanical rides, inflatables, and entertainment services. The proposed agreements will be for an initial three (3) year term, with two (2) optional one-year extensions, in amounts not to exceed the approved annual budget.

DISCUSSION

Purpose: These agreements will support the Village's ability to host engaging, family-friendly public events by contracting with qualified vendors to provide mechanical rides, inflatables, and a variety of entertainers. These services enhance the overall community experience and are key components of the Village's seasonal festivals, youth activities, and cultural events. Vendors are expected to deliver, set up, operate, and remove all equipment, while ensuring compliance with safety, licensing, and insurance requirements.

Background: To maintain a high standard of service and value, the Village issued Request for Quotations No. 25-02 on June 17, 2025, soliciting proposals from licensed providers of mechanical rides, inflatables, and entertainment services. The RFQT was publicly advertised on the Village website, Notice Board, DemandStar, and the *Miami Herald*. Proposals were due by July 18, 2025, and four proposals were received.

After a thorough review by Procurement staff, Event Max – Braxus Industries LLC. and Mega Party Events Inc. were determined to be the most responsive and responsible vendors. Both firms met all qualification criteria and submitted complete proposals with proper licensing, insurance, certifications, and references.

Justification: Event Max – Braxus Industries LLC. and Mega Party Events Inc. demonstrated the strongest overall compliance with the RFQT requirements, providing competitive pricing and solid references. While Mega Party Events Inc. submitted the lowest bid, Event Max – Braxus Industries LLC. offered comparable value and has extensive experience. Both vendors have a

diverse inventory and a proven track record of safe and professional service delivery. The recommendation ensures the Village has reliable partners in place to support its growing slate of events and community programs.

Implementation/Integration Plan: Upon execution of the agreements, the Village will continue working with Mega Party Events Inc., a vendor previously used for similar services. Event Max – Braxus Industries LLC., which recently acquired All Star Events, a company that had previously provided services for many of the Village's major events will be integrated into the Village's event planning and logistics schedule. Parks and Recreation staff will coordinate directly with both vendors to ensure timely setup, adherence to safety protocols, and delivery of high-quality customer service.

RESOURCE IMPACT

Recurring Funding: Expenses will remain within budget funding allocations of $85,000

Personnel: PROS staff will continue to coordinate and manage vendor logistics and event operations.

FUNDING SOURCES

Production services are funded through multiple Parks Department line items for community and cultural programming and events.

- ***GL Code:*** 001-72-572-48002, 001-72-572-48007, 001-72-572-48011, 001-72-572-48044, 001-72-572-48045
- ***Budget Line-Item:*** Community and Cultural Events, Winterfest, Concert Series, Lighthouse Run, Fall Festival, and other Community Programs & Events.
- ***Amount:*** $60,000 to $100,000 annually

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

- Goal – Engaging and Active Community Programs and Public Spaces
- Focus Area - Deliver Community Programs & Events

ATTACHMENT(S)

- Bid Tabulation Sheet
- Evaluation Recommendation
- Event Max – Braxus Industries LLC. Proposal
- Mega Party Events Inc Proposal

Prepared by: Todd Hofferberth | Parks, Recreation & Open Spaces Director

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING BRAXUS INDUSTRIES LLC D/B/A EVENT MAX AND MEGA PARTY EVENTS INC. FOR MECHANICAL RIDES, INFLATABLES, AND ENTERTAINMENT SERVICES; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on June 17, 2025, the Village of Key Biscayne (the "Village") issued Request for Quotations No. 25-02 (the "RFQT") requesting bids for the provision of mechanical rides, inflatables, and a variety of entertainers (the "Services") for the Village's seasonal festivals, youth activities, and cultural events; and

WHEREAS, two responsive sealed bids were received by the RFQT deadline; and

WHEREAS, Braxus Industries LLC d/b/a Event Max ("Event Max") and Mega Party Events Inc. ("MPE") (collectively, the "Contractors") submitted quotes to provide the Services in an amount not to exceed $49,985 and $44,235 annually, respectively; and

WHEREAS, the Village Manager recommends that the Village Council select the Contractors for the provision of the Services; and

WHEREAS, the Village Council desires to select the Contractors to perform the Services and authorize the Village Manager to negotiate and execute an agreement, in substantially the form attached hereto as Exhibit "A," with Event Max and MPE in an amount not to exceed $49,985 and $44,235 annually, respectively; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. **Recitals.** That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **Selection.** That the Village Council hereby selects the Contractors for the Services.

Section 3. **Authorization.** That the Village Council hereby authorizes the Village Manager to negotiate and execute an agreement with Event Max and MPE, in substantially the form attached hereto as Exhibit "A," in an amount not to exceed $49,985 and $44,235 annually, respectively, subject to the final approval of the Village Attorney as to form, content, and legal sufficiency.

Section 4. **Implementation.** That the Village Manager and Village Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and provisions of this Resolution.

Section 5. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH, CMC
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

PROFESSIONAL SERVICES AGREEMENT

BETWEEN

THE VILLAGE OF KEY BISCAYNE

AND

NAME OF ENTITY

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **NAME OF ENTITY**, a Florida [type of entity] (hereinafter, the "Consultant").

WHEREAS, on June 17, 2025, the Village issued Request for Quotations No. 25-02 (the "RFQT") requesting bids for the provision of mechanical rides, inflatables, and a variety of entertainers for the Village's seasonal festivals, youth activities, and cultural events (the "Services"), all as set forth in greater detail in the Scope of Services attached hereto as Exhibit "A"; and

WHEREAS, on August 19, 2025, the Village Council adopted Resolution No. 2025-XX, selecting the Contractor for the provision of the Services; and

WHEREAS, the Consultant will perform the Services on behalf of the Village, all as further set forth in the Proposal, attached hereto as Exhibit "B"; and

WHEREAS, compensation for the provision of the Services shall be in accordance with the Rate Schedule attached hereto as Exhibit "C"; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. **Scope of Services.**

1.1. Consultant shall provide the Services set forth in the Scope of Services and the Consultant's Proposal attached hereto as Exhibits "A" and "B," respectively, and incorporated herein by this reference.

1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. **Term/Commencement Date.**

2.1. The term of this Agreement shall be from the Effective Date through three years thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village

Manager may renew this Agreement for two additional one year periods on the same terms as set forth herein upon written notice to the Consultant.

2.2. Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. Compensation and Payment.

3.1. Compensation for Services provided by Consultant shall be in accordance with Rate Schedule attached hereto as Exhibit "C."

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

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5.1. Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village, and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

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8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days

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after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. **Additional Insured.** Except with respect to Professional Liability Insurance and Worker's Compensation Insurance**,** the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. **Deductibles.** All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. **Nondiscrimination.** During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. **Attorneys Fees and Waiver of Jury Trial.**

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY,

VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. Indemnification.

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this

Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes. IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

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Custodian of Records:	**Jocelyn B. Koch**
Mailing address:	**88 West McIntyre Street**
	Key Biscayne, FL 33149
Telephone number:	**305-365-5506**
Email:	**jkoch@keybiscayne.fl.gov**

17. **Nonassignability.** This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. **Severability.** If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. **Independent Contractor.** The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.**

    20.1. The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

    20.2. Background Checks. Prior to the execution of this Agreement, the Consultant must undergo a Level II/Vechs screening and background check for the Consultant, its officials, agents, employees, subcontractors, volunteers, or other individuals engaged in providing the Services under this Agreement. The Consultant shall be responsible for updating the Village in writing with any additions and deletions of the individuals authorized to provide Services under this Agreement. In the event that additional individuals are authorized to perform such Services, the Consultant must ensure that such additional individual(s) undergo a Level II/Vechs screening and background check prior to such individual commencing such Services. It shall be in the Village's complete and sole discretion as to whether the type of check and the results are acceptable pursuant to and in accordance with the Village's policies. Failure to comply with the provisions of this Section shall be grounds for terminating this Agreement for cause.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **State Required Affidavits.** By entering into this Agreement, the Consultant agrees to review and comply with the following state affidavit requirements:

    24.1. Public Entity Crimes Affidavit. Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

    24.2. Scrutinized Companies. Consultant certifies that it is not on the Scrutinized Companies that Boycott Israel List or engaged in a boycott of Israel. Pursuant to section 287.135, Florida Statues, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement. If this Agreement is for more than one million dollars, the Consultant certifies that it is also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, Florida Statutes. Pursuant to Section 287.135, Florida Statutes, the Village may immediately terminate this Agreement at its sole option if the Consultant is found to have submitted a false certification; or if the Consultant is placed on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Terrorism Sectors List, Scrutinized Companies with Activities in Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

    24.3. E-Verify Affidavit. In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Consultant acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

24.4. Noncoercive Conduct Affidavit. Pursuant to Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes. By entering into this Agreement, the Consultant acknowledges that it has read Section 787.06, Florida Statutes, and will comply with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

24.5. Prohibition on Contracting with Entities of Foreign Concern. Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern. By entering into this Agreement, the Consultant acknowledges that it has read Section 287.138, Florida Statutes, and complies with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

25. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. Conflicts; Order of Priority. This document without exhibits is referred to as the "Base Agreement." In the event of a conflict between the terms of this Base Agreement and any exhibits or attachments hereto, or any documents incorporated herein by reference, the conflict shall be resolved in the following order of priorities and the more stringent criteria for performance of the Services shall apply:

26.1. First Priority: this Base Agreement;
26.2. Second Priority: Change Orders with later date taking precedence;
26.3. Third Priority: Exhibit C – Rate Schedule;
26.4. Fourth Priority: Exhibit A – Scope of Services;
26.5. Fifth Priority: Exhibit B – Contractor's Proposal; and
26.6. Sixth Priority: Statement of Work, with later date taking precedence.

[Remainder of page intentionally left blank. Signature pages follow.]

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch, CMC
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONSULTANT

By: _____

Name: _____

Title: _____

Entity: _____

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____(email)

DRAFT

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____
Print Name: _____
Title: _____
Entity Name: _____

ACKNOWLEDGMENT

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20___, by_____ (name of person) as _____ (type of authority) for _____ _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

DRAFT

AFFIDAVIT ATTESTING TO
NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of _____, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

DRAFT

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____
Witness #1 Print Name: _____

_____
Witness #2 Print Name: _____

_____
Print Name: _____
Title: _____
Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this ___ day of _____, 20___, by_____(name of person) as _____ (type of authority) for _____ (name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

DRAFT

EXHIBIT A
SCOPE OF SERVICES

DRAFT

PROCUREMENT DOCUMENTS LINK

RFQT # 25-02 Village of Key Biscayne Mechanical Rides, Inflatables and Entertainment Services

Below are links to procurement documents for:
(click on each line for document)

1. **Request for Quotations (RFQT)**
4. **Bid Tabulation Sheet**
6. **Evaluation Recommendation**
7. **Recommended Proposal – Event Max – Braxus Industries LLC.**
8. **Recommended Proposal – Mega Party Events Inc.**
9. **Purchase Requisition – N/A**

Daren Jairam, MBA, MHC
Procurement Officer
djairam@keybiscayne.fl.gov
305-365-7577

					EVENT MAX		KIDS FAIRLAND LLC		MEGA PARTY EVENTS		SOCIAL CRAFTING LLC.	
Number	**Title & Location**	**Event Date(s)**	**Equipment**	**Quantity**	**Memo**	**Total**	**Memo**	**Total**	**Memo**	**Total**	**Unit Cost**	**Total**
Event #1	Fall Festival	10/19/2025	Pumpkin Pad	1		1,795.00	Pumpkin 5/1 Bounce House	499.00		-	Pumpkin Painting 200 Participants	3,700.00
	Village Civic Center		Kids Play Center	1		495.00	My Little Farm	559.00		670.00		
			Corn Ghoul Maze	1		2,795.00		3,250.00		1,170.00		
			Petting Zoo	1		1,250.00		1,549.00		1,295.00		
			Bounce House	1		495.00		399.00		470.00		
			Delivery & Generator	1		695.00						
Event Total						**7,525.00**		**6,256.00**		**3,605.00**		**3,700.00**
Number	**Title & Location**	**Event Date(s)**	**Equipment**	**Quantity**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**
Event #2	Winterfest	12/6/25 & 12/7/25	Rockwall	1		1,895.00		3,485.00		2,070.00	Santa's Workshop 150 Participants	3,200.00
	Village Civic Center		4 Station Bungee	1		2,995.00		9,235.00		5,090.00	Santa's Workshop 150 Participants	2,000.00
			Giant Fair Slide	1		3,595.00		10,485.00		3,465.00		
			Zipline	1		2,995.00	Trackless Train	2,585.00		4,675.00		
			Polar Express	1		2,995.00	24ft Tsunami Boilder Crush	1,383.00		1,940.00		
			Berrie go Round	1		2,995.00	Carousel	4,485.00		4,200.00		
			Frog Hopper	1	Crazy Wave	3,495.00	Airplane Ride	4,485.00		4,200.00		
			Shipwreck	1		2,495.00	Priate Ship	5,485.00		3,365.00		
			Winter Play Center	1		1,795.00	Princess Castle PG	1,185.00		1,140.00		
			Santa Clause	1	Polar Express	2,995.00		2,035.00	2hrs 4-6 pm	550.00		
			Delivery & Generator	1		1,705.00						
			Onsite Supervisor	2		280.00						
Event Total						30,235.00		44,848.00		30,695.00		5,2

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
Event #3	Family Fun Day	4/19/2026	State Fair Slide	1		2,995.00		6,280.00		1,945.00	Family Fun Art 200 Participants	3,500.00
	Key Biscayne K-8		Bumper Cars	1		1,695.00		3,880.00		1,945.00		
			Whirlwind	1	Teacup/ Mindwinder	1,495.00	Whirly Bird	3,280.00		1,845.00		
			Tubs of Fun	1	Fair Swings	1,195.00	Dixie Flyer	4,780.00		1,295.00		
			Petting Zoo	1		1,500.00		1,849.00	3hrs	795.00		
			Themed Play Center	1	Carnival Playland	595.00	Spidey & Friends	600.00		570.00		
			Obstacle Course	1		995.00	63ft Gran Slam	914.00		870.00		
			Fun Fair Combo Unit	1		695.00	5/1 Rainbow Cumbo	509.00		670.00		
			Onsite Supervisor	1		210.00						
			State Inspection	1		850.00						
Event Total						**12,225.00**		**22,092.00**		**9,935.00**		**3,500.00**
TOTAL EVENTS 1, 2 AND 3						**49,985.00**		**73,196.00**		**44,235.00**		**12,400.00**

Docusign Envelope ID: 29941160-AC88-402A-B507-75BCCEF08E55

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: July 25, 2025

TO: Steven Williamson – Village Manager
CC: Benjamin Nussbaum – Village Chief Financial Officer
Todd Hofferberth – PROS Director

FROM: Daren Jairam, Procurement Officer

RE: Procurement Recommendation to Award for RFQT No. 25-02 Village of Key Biscayne Mechanical Rides, Inflatables and Entertainment Services.

RECOMMENDATION

It is recommended the Village Manager negotiate an agreement with **Event Max – Braxus Industries LLC. and Mega Party Events Inc.**, the two most responsive responsible bids for Village of Key Biscayne Special Events Rental Supplies. The proposed agreement will be for a three (3) year term with two (2) optional one-year extensions.

BACKGROUND

In accordance with government procurement best practices, and as part of a larger effort to ensure best value and promote fair and open competition for Village contracts, the decision was made to go out to market for these services.

The Village issued a Request for Quotations (RFQT) on June 17, 2025. The RFQT was posted to the Village's website and Notice Board, DemandStar and Miami Herald.

The RFQT allows potential vendors to submit their best price specific to the scope of services. The vendor with the lowest bid, most responsive and responsible is recommended to the Village Manage and Council to be awarded. If the recommended vendor isn't the lowest bid a justification is given explaining why the vendor wasn't chosen.

SCOPE OF WORK

The Village of Key Biscayne seeks qualified, licensed amusement event companies that can supply high-quality carnival rides, inflatables, and entertainers to support the diverse needs of events hosted by the Village of Key Biscayne. By partnering with experienced amusement event providers, the Village aims to create comfortable and functional event spaces that accommodate attendees and enhance their overall experience to support the diverse needs of events hosted by the Village as defined in the Scope of Work.

Contractor shall provide all necessary labor, materials, and equipment for servicing the Village facilities as specified herein in full accordance with the specifications, terms and conditions contained in the Request for Quotation (RFQT).

To qualify for award, prospective Proposers were required to:

88 West McIntyre Street • Key Biscayne, Florida 33149 (305) 365-5511 • www.keybiscayne.fl.gov
MISSION STATEMENT: "TO PROVIDE A SAFE, QUALITY COMMUNITY ENVIRONMENT FOR ALL ISLANDERS THROUGH RESPONSIBLE GOVERNMENT."

Docusign Envelope ID: 29941160-AC88-402A-B507-75BCCEF08E55

A. Have extensive experience in supplying mechanical rides, inflatables, and entertainers for events of varying scales and formats.
B. Must have a diverse inventory, be reliable and responsive according to specified guidelines.
C. Committed to quality assurance and excellent customer service skills.
D. Be a licensed, permitted, certifications and insured vendor/business in the State of Florida.

EVALUATION AND RANKING PROCESS

On July 18, 2025, four (4) bids were received from the following contractors:

No.	Proposer	Years Experience	Total Cost
1.	Event Max – Braxus Industries LLC.	15	$ 49,985.00
2.	Kids Fairland LLC.	25	$ 73,196.00
3.	Mega Party Events Inc.	21	$ 44,235.00
4.	Social Crafting LLC.	8	Non-Responsive

Procurement conducted a due diligence review of all submitted bids to assess responsiveness and responsibility. Social Crafting LLC. was non-responsive for not meeting specifications of the RFQT. Among the bidders, **Event Max – Braxus Industries LLC. and Mega Party Events Inc.** was determined to be the most responsive and responsible. The companies are appropriately licensed, meet all qualification requirements, and provide the necessary certifications and strong references. No issues were identified that would suggest any of the responsive proposers were incapable of performing the required services.

RECOMMENDATION

It is recommended that the Village Manager execute a contract, substantially in the form attached as Exhibit A, with the most responsive, responsible Bidder – **Event Max – Braxus Industries LLC. and Mega Party Events Inc.**

In the event an agreement cannot be reached with the Bidder, it is further recommended that the Village Manager terminate negotiations with that firm and proceed to go back out to Bidder.

☒ Concur

☐ Reject

DocuSigned by:
Steven C Williamson
CF5C695978AA42B...

7/25/2025

Steven Williamson – Village Manager Date

88 West McIntyre Street • Key Biscayne, Florida 33149 (305) 365-5511 • www.keybiscayne.fl.gov

SECTION 5. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☑ Form 1: Response Checklist
- ☑ Form 2: Addendum Acknowledgment
- ☑ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - ▪ Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - ▪ Form 3B: Certificate of Authority (for Individuals)
- ☑ Form 4: Proposer's Statement of Organization
- ☑ Form 5: References
- ☑ Form 6: Affidavits
  - • Form 6A: Single Execution Affidavits
  - • Form 6B: Independence Affidavit
  - • Form 6C: Non-Collusion Affidavit
- ☑ Form 7: Drug Free Workplace
- ☑ Form 8: Certification to Accuracy of Proposal
- ☑ Form 9: Scrutinized Companies
- ☑ Form 10: Public Entity Crimes
- ☑ Form 11: Dispute Disclosure
- ☐ Form 12: List of Proposed Subcontractors
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☐ A: Draft Contract

EXHIBITS

- ☐ A: Scope of Services
- ☐ B: Fee Schedule/Price Proposal
- ☐ C: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES
Solicitation No.:
ITB # 2025-12

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: Event Max

Authorized Representative's Name: Danny Moreira

Title: CEO

Email: Danny@Braxusgroup.com

Phone Number: 9543915217

Address: 13050 NW 6/3rd

Authorized Signature: _____

FORM 3B

CERTIFICATE OF AUTHORITY

(If Individual)

I, Danny Moreira ("Affiant") being first duly sworn, deposes and says:

1. I am the President
   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: Brass Industries, LLC doing business as Event MAX, the Contractor that has submitted the attached Proposal.
2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.
3. I am authorized to execute the Proposal dated _____, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, , will be the official act and deed of this attestation.

In the presence of:

Witness #1 Print Name: Alba Rodriguez

Witness #2 Print Name: Kenneth Yagual

Signed, sealed and delivered by:

Print Name: Danny Moreira

Title: CEO

ACKNOWLEDGMENT

State of Florida
County of Broward

On this 17 day of June, 2025, before me the undersigned, personally appeared Danny Moreira, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
X Produced identification (Type of Identification: Fl. D.L.)
X Did take an oath; or
_____ Did not take an oath

Jennifer D Ramos
Comm :HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
Braxus Industries LLC

2. Principal Business Address, Phone and Email Address:
14359 Miramar Pkwy #333
Miramar FL 33027

3. Principal Contact Person(s):
Carl Robinson
Danny Moriera

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
Partnership

A. If a corporation, in what state incorporated: _____
B. Date Incorporated: _____
C. Federal ID Number (EIN) 84-2052275
D. If a joint Venture or Partnership, date of Agreement: _____
E. Name and address of all partners (state whether general or limited partnership): _____
F. If other than a corporation or partnership describe, organization and name of principals. _____

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Danny Moriera	Owner

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFQT Agreement.
5 year plus purchased - Allstar Events 25 years

7. List all entities participating in this Agreement (including subcontractors if applicable):

Name	Address	Title
A.		
B.		
C.		
D.		

8. Outline specific areas of responsibility for each entity listed in Question 7.
A. _____

C. _____

D. _____

9. County or municipal business tax receipt number (attach copies):
   County: _____
   Municipal: _____

10. Have you ever failed to complete any work awarded to you?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
    Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency,

criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No ✓ **If yes, attach a separate sheet of explanation.**

21. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** ✓ **If yes, attach a separate sheet of explanation.**

22. Have you made a site visit? ✓ Yes, _____ No

23. How soon after the award can you begin work? _____ Days.

24. List any licenses, permits or certifications, etc., you hold for performing this type of work:
_____
_____
_____

25. **How did you hear about the ITB?** Indicate if it was via the Village's website, Internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. _____

_____
Signature (Blue ink only)

Donny Moreira
Print Name

President
Title

6/17/2025
Date

STATE OF Florida)
COUNTY OF Broward)

The foregoing instrument was acknowledged before me this 17 day of June, 2025.
by Donny Moreira as President
(Name of person acknowledging) *(Title)*
for _____
(Company name)
Personally known to me ____ or has produced identification X type of identification produced FL. DL

(NOTARY SEAL HERE)

Jennifer
SIGNATURE OF NOTARY PUBLIC
Jennifer D Ramos
PRINT, TYPE/STAMP NAME OF NOTARY

Jennifer D Ramos
Comm : HH 172280
Expires: Oct. 1 2025
Notary Public. State of Florida

FORM 5

CLIENT REFERENCES

PLEASE PRINT CLEARLY

REFERENCE #1

Name of Company: Coral Oaks

Reference Contact Name: Gabriella Leon

Contact Title:

Contact Telephone: (305) 661-0092

Contact Email: Gabriella@COTW.net

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #2

Name of Company: Eastpointe Country Club

Reference Contact Name: Michelle Spiess

Contact Title: Event Planner

Contact Telephone: (561) 531-5890

Contact Email: MSpiess@eastpointeCC.com

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #3

Name of Company: Kiwanis Club Little Havana

Reference Contact Name: Jasper Llanes

Contact Title: Event Planner

Contact Telephone: (954) 987-7776

Contact Email: JLlanes72@gmail.com

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #4

Name of Company: Firebrand Events Production

Reference Contact Name: Massimo Bernici

Contact Title: Event Planner

Contact Telephone: (305) 874-0005

Contact Email: massimo@firebrandep.com

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #5

Name of Company: Pinecrest North Academy

Reference Contact Name: Allen Marrero

Contact Title: Event Planner

Contact Telephone: (305) 302-9634

Contact Email: amarrero@pinecrestnorth.com

Contract Start Date: _____ **Contract End Date:** _____

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Danny Morera

For (Name of Proposing or Bidding Entity). Braxus Industries LLC DBA Event MAX

Whose business address is: 13050 NW 43 Ave Opa Locka, FL 33054

And (if applicable) its Federal Employer Identification Number (FEIN) is: _____

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#:_____)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

DM
Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[✓] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

_____
Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

_____
Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

_____
Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.

CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES** and any addendum/addenda related thereto.

2. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
3. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

_____
Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

_____
Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Witness #1 Print Name: Alba Rodriguez

Witness #2 Print Name: Kenneth Yagual

Signed, sealed and delivered by:

Print Name: Danny Moreira

Title: MD

ACKNOWLEDGMENT

State of Florida

County of Broward

On this 17 day of June, 2025 before me the undersigned, personally appeared Danny Moreira, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or

X Produced identification (Type of Identification: Fl. D.L.)

X Did take an oath; or

_____ Did not take an oath

Jennifer D Ramos
Comm : HH 172280
Expires: Oct. 1 2025
Notary Public, State of Florida

Signature (Blue ink only)

Danny Moreira

Print Name

CEO

Title

6/17/2025

Date

STATE OF Florida)
COUNTY OF Broward)

The foregoing instrument was acknowledged before me this 17 day of June, 2025

by Danny Moreira as CEO

(Name of person acknowledging) *(Title)*

for _____

(Company name)

Personally known to me ____ or has produced Identification X type of identification produced FL. DL

(NOTARY SEAL HERE)

Jennifer D Ramos
Comm :HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

SIGNATURE OF NOTARY PUBLIC

Jennifer D Ramos

PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is_____ of_____, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached ITB is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

Danny Moreira
Print Name

CEO
Title

6/17/2025
Date

STATE OF Florida)
COUNTY OF Broward)

The foregoing instrument was acknowledged before me this 17 day of June, 2025

by Danny Moreira as CEO
(Name of person acknowledging) (Title)

for _____.
(Company name)

Personally known to me ____ or has produced identification X type of identification produced Fl. DL.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Jennifer D Ramos
PRINT, TYPE/STAMP NAME OF NOTARY

Jennifer D Ramos
Comm :HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that Brakes Industries LLC does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the ITB document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the ITB or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

Danny Moreira

Print Name

CEO

Title

6/17/2025

Date

STATE OF Florida)
COUNTY OF Broward)

The foregoing instrument was acknowledged before me this 17 day of June, 2025

by Danny Moreira as CEO

(Name of person acknowledging) *(Title)*

for _____.

(Company name)

Personally known to me _____ or has produced identification X type of identification produced F.L. D.L.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Jennifer D Ramos
Comm :HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

Jennifer D Ramos

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the ITB and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the ITB and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Danny Moreira of Braves Industries LLC the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF Florida)
COUNTY OF Broward)

The foregoing instrument was acknowledged before me this 17 day of June, 2025

by Danny Moreira as CEO.
(Name of person acknowledging) *(Title)*

for Braves Industries LLC.
(Company name)

Personally known to me ____ or has produced Identification X, type of identification produced Fl. DL.

(NOTARY SEAL HERE)

Jennifer D Ramos
Comm · HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

SIGNATURE OF NOTARY PUBLIC
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

Print Name Danny Morera

Title CEO

Date 6/17/2025

STATE OF Florida)
COUNTY OF Broward)

The foregoing instrument was acknowledged before me this 17 day of June 2025

by Danny Morera as CEO
(Name of person acknowledging) *(Title)*

for _____
(Company name)

Personally known to me ____ or has produced identification D type of identification produced FL DL

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Jennifer D Ramos
Comm :HH 172280
Expires: Oct 1 2025
Notary Public State of Florida

PRINT, TYPE/STAMP NAME OF NOTARY

Jennifer D Ramos
Comm :HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. _____

2. This sworn statement is submitted by: Bruxus Industries LLC
(name of entity submitting sworn statement)

whose business address is: 14359 Miramar Pkwy #333
Miramar, fl 33027

Federal Identification Number (FEIN) is: 84-2052275
(if applicable)

Social Security Number: _____

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: Danny Morais
(print name of individual signing this document)

and my relationship to the entity is: CEO.

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
   (a) A predecessor or successor of a person or a corporation convicted of a public

entity crime; or

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. ____Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, and (Please indicate which additional statement applies)

      1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or

affiliate from the convicted vendor list. (Please attach a copy of the final order)

3) ___The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

Signature

6/17/2025
Date

STATE OF Florida
COUNTY OF Broward

The foregoing instrument was acknowledged before me this 17 day of June, 2025

by Danny Moreira as CEO

(Name of person acknowledging) *(Title)*

for _____

(Company name)

Personally known to me ____ or has produced identification X type of identification produced FL DL

(NOTARY SEAL HERE)

Jennifer D Ramos
Comm :HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

SIGNATURE OF NOTARY PUBLIC

Jennifer D Ramos
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO ✓

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO ✓

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO ✓

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: Event Max

Authorized Signature: [signature]

Print or Type Name: Danny Moreira

Title: Owner / CEO

Date: 6/11/25

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
1	Florida Ponies & Petting Zoo	Petting Zoo	—
2	Terri	Santa	—

Firm: Event Max

Authorized Signature: _____

Print or Type Name: _____

Title: _____

Date: 6/11/2025

FORM 13
FORM 14
FORM 15 N/A
FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

Proposal of Braxus Industries LLC Ernst Max

(Name)

13050 NW 43rd Ave Opa Locka FL 33054

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES
("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

Witness #1 Print Name: Alba Rodriguez

Witness #2 Print Name: Kenneth Yegoa

Signed, sealed and delivered by:

Print Name: Danny Morera

Title: CEO

Entity Name: Bravo Inflatables LLC

ACKNOWLEDGMENT

State of Florida

County of Broward

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 17 day of June, 2025, by Danny Morera (name of person) as CEO (type of authority) for _____ (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or

X Produced identification (Type of Identification: Fl. D.L.)

X Did take an oath; or

_____ Did not take an oath

Jennifer D Ramos
Comm :HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, I hereby affirm under penalty of perjury that:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of _____, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

Witness #1 Print Name: Alba Rodriguez

Witness #2 Print Name: Beneth Yegal

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Danny Moreira

Title: CEO

Entity Name: Bravo Electric LLC

OATH OR AFFIRMATION

State of Florida
County of Broward

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 17 day of June, 2025, by Danny Moreira (name of person) as CEO (type of authority) for _____ (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
X Produced identification (Type of Identification: FL DL)
X Did take an oath; or
_____ Did not take an oath

Jennifer D Ramos
Comm HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Witness #1 Print Name: Alka Rodriguez

Witness #2 Print Name: Kenneth Yagel

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Danny Moreira

Title: CEO

Entity Name: Bravo Inflatables Inc

OATH OR AFFIRMATION

State of Florida
County of Broward

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 17 day of June, 2025, by Danny Moreira (name of person) as CEO (type of authority) for _____ (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
☒ Produced identification (Type of Identification: Fl. DL.)
☒ Did take an oath; or
_____ Did not take an oat

Jennifer D Ramos
Comm: HH 172280
Expires: Oct. 1 2025
Notary Public State of Florida

EXHIBIT B

VILLAGE OF KEY BISCAYNE

VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

PROPOSAL SCHEDULE

NAME OF PROPOSER: Event Max

In response to the Village's invitation to bid and in compliance with the ITB requirements, the undersigned bidder to provide all labor, materials and equipment, all supervision, coordination, all related incidentals necessary to **VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES** located at the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated _____ including Addenda numbered _____ through _____, inclusive, for an all-inclusive Base Bid for **VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES** includes all incidental costs.

The Contractor understands and agrees that the prices submitted is for the services as indicated in the Scope of Service, including but not limited to, all labor, materials, equipment and permitting.

TABLE – VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

The following table provides the unit pricing structure for bidding purposes. Contractors shall complete the table with their proposed unit costs. Units to be replaced must be of the same manufacturer and specifications as the existing units unless otherwise specified or instructed by the Village.

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	Notes
Event #1	Fall Festival	10/19/2025	Pumpkin Pad	1	$1795.00	$1785.00	The equipment must be delivered and set up by 11:00 AM on 10/19/25. This includes time for state inspection if needed. Equipment removal may begin at 4:00 PM on 10/19/25 and must be completed by 7:00 PM. Please include cost for inspection, attendant, and generators.
	Village Civic Center		Kids Play Center	1	$495.00	$495.00	
			Corn Ghoul Maze	1	$2795.00	$2795.00	
			Petting Zoo	1	$1250.00	$1250.00	
			Bounce House	1	$495.00	$495.00	
Event Total						$7525.00	

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total
Event #2	Winterfest	12/6/2025 & 12/7/25	Rockwall	1		$1895.00
	Village Civic Center		4 Station Bungee	1		$2995.00
			Giant Fair Slide	1		$3595.00
			Zipline	1		$2995.00
			Polar Express	1		$2995.00
			Berrie go Round	1		$2995.00
			Crazy Wave Frog Hopper	1		$3495.00
			Shipwreck	1		$2495.00
			Winter Play Center	1		$1795.00
			Santa Clause	1		
Event Total						$30,235.00

The equipment must be delivered and set up by 4:00 PM on 12/6/25. This includes time for State inspections if needed. Equipment removal may begin at 8:00 PM on 12/7/25 and must be completed by 11:00 PM. Please include cost for inspection, attendant, and generators.

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total
Event #3	Family Fun Day	4/19/2026	State Fair Slide	1		$2995.00
	Key Biscayne K-8		Bumper Cars	1		$1695.00
			Whirlwind	1		$1495.00
			Tubs of Fun	1		$1195.00
			Petting Zoo	1		$1500.00
			Themed Play Center	1		$995.00
			Obstacle Course	1		$595.00
			Fun Fair Combo Unit	1		$1695.00
Event Total						$13,080.75

The equipment must be delivered and set up by 2:00 PM on 4/19/26. This includes time for state inspection if needed. Equipment removal may begin at 7:30 PM on 4/19/26 and must be completed by 10:00 PM. Please include cost for inspection, attendant, and generators.

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Bidder is familiar with the nature and extent of the work and any local conditions or criteria dictated in the ITB .

The undersigned Bidder agrees to do all the work and furnish all materials called for by the ITB Documents. The bidder further agrees that payments will be made based on actual quantities placed and accepted.

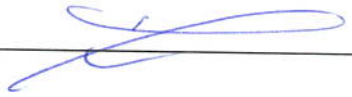
The undersigned Bidder agrees to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for construction of: **VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: Braxus Industries LLC

Bidder's Name: Danny Moreira

Bidder's Email: Danny@Braxusgroup.com

Bidder's Title: CEO

Bidder's Signature: 

Event Max/ Braxus Industries
14359 Miramar Pkwy #333 Miramar, FL, 33027
Phone: (954) 391-5217

Invoice: 43124785
Create Date: 6/11/2025

Event Location
Village of ey Biscayne
David Carreno
Key Biscayne K-8
6800 Sunset Strip
Sunrise, FL 33313
Cell: (000) 000-0000

Start Date: 4/19/2026 2:00pm
End Date: 4/19/2026 7:30pm
Delivery: Preferred Time

Surface: Grass - Allow Stakes

Name	Qty	Discount	Total
 Petting Zoo*	1	$	$1,500.00
 Super Rush Fair Slide Rental	1	$	$2,995.00
 Bumper Car Rentals	1	$	$1,695.00
4 Bumper Cars Included	1	$	$0.00
Must be on Hard Surface	1	$	$0.00
 Fair Swings Rental	1	$	$1,195.00
 Teacups / Mindwinder Rentals	1	$	$1,495.00
 Carnival Playland - R66.15	1	$	$595.00
 27ft Patriot Vertical Rush Obstacle Course Rental	1	$	$995.00
 Big Top Bounce - R74.15	1	$	$695.00

 Attendant	1	$	$0.00
ONSITE SUPERVISOR	1	$	$210.00
 Generator	1	$	$0.00
State Inspection	1	$	$850.00

Rentals subtotal		$12,225.00
Sales Tax	7.000%	$855.75
Total		**$13,080.75**
Deposit Due		$6,540.37
Amount Paid		$0.00
Balance Due		$13,080.75

procurement@keybiscayne.fl.gov

Event Max/ Braxus Industries
14359 Miramar Pkwy #333 Miramar, FL, 33027
Phone: (954) 391-5217

Invoice: 43118021
Create Date: 6/11/2025

Event Location
Village of key Biscayne
David Carreno
Village Civic Center
6800 Sunset Strip
Sunrise, FL 33313
Cell: (000) 000-0000

Start Date: 10/19/2025 11:00am
End Date: 10/19/2025 4:00pm
Delivery: Preferred Time

Surface: Grass - Allow Stakes

Name	Qty	Discount	Total
 Petting Zoo*	1	$	$1,250.00
 Castle Bounce House Rental - R28.10	1	$	$495.00
 Go to the Zoo Toddler Zone - R83.15	1	$	$495.00
Pumpkin Pad	1	$	$1,795.00
GHOUL MAZE	1	$	$2,795.00
 Generator	4	$	$400.00
 Attendant	1	$	$0.00

Rentals subtotal		$7,230.00
Delivery Charge	E	$295.00
Sales Tax	Exempt 0%	$0.00
Total		**$7,525.00**
Deposit Due		$3,762.50
Amount Paid		$0.00
Balance Due		$7,525.00

procurement@keybiscayne.fl.gov

Event Max/ Braxus Industries
14359 Miramar Pkwy #333 Miramar, FL, 33027
Phone: (954) 391-5217

Invoice: 43121075
Create Date: 6/11/2025

Start Date: 12/6/2025 6:00pm
End Date: 12/7/2025 8:00pm
Delivery: Preferred Time

Surface: Grass - Allow Stakes

Event Location
Village of key Biscayne
David Carreno
Village Civic Center
6800 Sunset Strip
Sunrise, FL 33313
Cell: (000) 000-0000

Name	Qty	Discount	Total
 Rockwall Rentals	1	$	$1,895.00
 4 Station Bungee	1	$	$2,995.00
 Super Rush Fair Slide Rental	1	$	$3,595.00
 Inflatable Zipline Rental R53.71.20.20	1	$	$2,995.00
 Berry- Go Round Rental	1	$	$2,995.00
 Crazy Wave	1	$	$3,495.00
 Pirate Shipwreck Rental	1	$	$2,495.00
 A Winter Wonderland Inflatable Playground Rental - R11.20	1	$	$1,795.00
POLAR EXPRESS	1	$	$2,995.00
 Attendant	15	$	$0.00
On Site Supervisor	2	$	$280.00

BRAXIND-02 KPERSICKETTI

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 6/10/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Zodiac Insurance, A World Company 457 Oakshade Road Shamong, NJ 08088	CONTACT NAME: PHONE (A/C, No, Ext): (856) 396-6500 FAX (A/C, No): E-MAIL ADDRESS:
	INSURER(S) AFFORDING COVERAGE — NAIC #
INSURED Braxus Industries LLC dba Event Max dba The Event Depot 14359 Miramar Pkwy #333 Miramar, FL 33027	INSURER A: Beazley/Certain Underwriters at Lloyds — 37540 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY							
	X CLAIMS-MADE ☐ OCCUR			ZISMB2093 01	9/19/2024	9/19/2025	EACH OCCURRENCE	$ 1,000,000
	X 3 year auto ERP						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
	X GL						MED EXP (Any one person)	$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY	$
	X POLICY ☐ PRO-JECT ☐ LOC						GENERAL AGGREGATE	$ 1,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	$ 1,000,000
							Deductible	$ 7,500
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	☐ ANY AUTO						BODILY INJURY (Per person)	$
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	$
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED ☐ RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE ☐ OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N ☐ N / A						E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Operation Of Covered Activities
UMR B1284 UB 24A969A
Policy shall have no obligation to defend or pay claims arising out of the sale or service of alcohol by anyone, and/or the failure of anyone to enforce/monitor safe or legal use of alcohol

Additional Insured: Miami Lakes Athletic Club
Event Date: 6/13/25

CERTIFICATE HOLDER

Miami Lakes Athletic Club
15150 Bull Run Rd
Miami lakes, Fl 33014 — Sample

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

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Local Business Tax Receipt

Miami-Dade County, State of Florida

-THIS IS NOT A BILL - DO NOT PAY

LBT

7342566

RECEIPT NO.
RENEWAL
7635207

EXPIRES
SEPTEMBER 30, 2025

Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

BUSINESS NAME/LOCATION
BRAXUS INDUSTRIES LLC
OPERATING IN DADE COUNTY

OWNER
BRAXUS INDUSTRIES LLC
C/O DANNY MOREIRA MGR

SEC. TYPE OF BUSINESS
213 SERVICE BUSINESS

PAYMENT RECEIVED BY TAX COLLECTOR
75.00 08/19/2024
INT-24-466783

Employee(s) 4

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami-Dade Code Sec 8a-276.
For more information, visit www.miamidade.gov/taxcollector

VILLAGE OF KEY BISCAYNE
88 West McIntyre Street
Key Biscayne, Florida 33149

REQUEST FOR QUOTATIONS

RFQT # 25-02

VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLE AND ENTERTAINMENT SERVICES

RFQT Release Date:	**June 17, 2025**
Proposals Due:	**July 18, 2025, 11:30 A.M.**

Submit To:

Village Procurement Officer
procurement@keybiscayne.fl.gov

PUBLIC NOTICE

VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

PUBLIC NOTICE AND ADVERTISEMENT FOR BIDS

REQUEST FOR QUOTATIONS RFQT # 25-02

Post Date:	**June 17, 2025**
Proposal Deadline:	**July 18, 2025,** AT 11:30 AM

The Village of Key Biscayne ("Village") has issued a Request for Quotation ("RFQT") to interested, qualified and licensed contractors in the State of Florida, for the following services/project: **VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES. The Village of Key Biscayne encourages small and minority business, women's business enterprises, and labor surplus area firms to submit proposals.**

Proposals must be received by the deadline date, submitted to:

VILLAGE OF KEY BISCAYNE PROCUREMENT OFFICER:
procurement@keybiscayne.fl.gov

Bid packages will be available on the Village's website www.keybiscayne.fl.gov/procurement **or may be available on Demandstar. For further information contact:**

Procurement:
procurement@keybiscayne.fl.gov

Dated: **June 17, 2024**

Request for Quotation

RFQT 25-02: VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

Posted: June 17, 2025

Due Date: Tuesday, July 18, 2025, at 11:30 AM

CONTRACTOR shall submit the following for the price quote to be accepted:

TABLE 1 – PRICE SHEET

Project Name:	**VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES**
Scope of Work:	The Village of Key Biscayne (the "Village"), a municipality located in Miami-Dade County, Florida, hereby requests bids from amusement event companies that can supply high-quality carnival rides, inflatables and entertainment to support the diverse needs of events hosted by the Village Key Biscayne as further defined in Scope of Work. Contractor shall provide all necessary labor, materials, and equipment for servicing the Village as specified herein in full accordance with the specifications, terms and conditions in the RFQT.
Name of VENDOR:	MEGA PARTY EVENTS, INC
Address of VENDOR:	22840 S DIXIE HWY MIAMI, FL 33170
Authorized VENDOR Representative:	JUAN RUIZ
Signature and Date:	6/24/2025
Bid Quote Grand Total	$44,235

Official Use Only

Date Received by Village:	
Acknowledged by:	

Request for Quotation

RFQT 25-02: VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

SCOPE OF WORK

1.1 INTRODUCTION:

The primary objective of this project is to identify and contract with amusement event companies that can supply high-quality carnival rides, inflatables, and entertainers to support the diverse needs of events hosted by the Village of Key Biscayne (Village). By partnering with experienced amusement event providers, the Village aims to create comfortable and functional event spaces that accommodate attendees and enhance their overall experience.

Vendors are not required to bid on all items

1.2 SCOPE OF WORK:

The contractor shall furnish all labor, equipment, materials, permits, insurance, and supervision necessary to perform the following tasks:

1.2.1 Mechanical Rides:

The vendor shall be responsible for the delivery, set-up, and breakdown of mechanical carnival rides. The rides must be made of high-quality materials, free of defects, and recently inspected, if required by state regulations. The contractor shall provide a minimum of three ride options that offer similar entertainment experiences and value. All mechanical rides must be durable, properly assembled, and in compliance with safety standards.

1.2.2 Inflatables:

The vendor shall be responsible for the delivery, set-up, and breakdown of inflatables. The inflatables must be made of high-quality materials, visually appealing, and free of defects. They must be durable and properly anchored. Staking the inflatables into the ground is rarely an option for Village events, so alternative anchoring methods must be provided. Inflatables must be in compliance with safety standards.

1.2.3 Entertainers:

The vendor shall be responsible for providing entertainers such as Santa Claus, petting zoos, face painters, or any fictitious or religious characters as requested by the Village. The entertainers must be of high reputation, dependable, and punctual. The vendor must ensure all entertainers are experienced and provide a positive experience for attendees.

1.3 RESPONSIBILITY OF RENTAL COMPANY:

The selected rental providers will be responsible for:

- Offering a wide selection of mechanical rides, inflatables, and entertainment in various styles, sizes, and configurations to suit different types of events and spaces.

- Collaborating with event organizers to assess the requirements based on the event's size, layout, and anticipated attendance.

- Delivering and setting up rental equipment at designated event locations within the Village and adjacent areas in a timely and professional manner.
- Ensuring that all rental items are clean, well-maintained, and in good working conditions, adhering to state and compliance with safety standards.

- Ensuring entertainers prompt arrival.

- Providing on-site attendants and assistance as needed during the event, including troubleshooting and addressing any issues related to the mechanical rides, inflatables, and entertainers.

- Coordinating with the Village's event coordinators and staff to facilitate seamless logistics and execution of contracted services.

- Providing supporting equipment such as generators, blowers, wraps, pens, or any related equipment to support the rides, inflatables, and entertainment.

1.4 SERVICE DETAILS:

1.4.1 Rental Period:
The rental period shall be determined based on the specific requirements of each event or function. The duration may vary from single-day rentals to extended rental periods as needed.

1.4.2 Delivery and Pickup:
The vendor will handle the delivery and pick up of all the equipment rented to and from the Village's designated location(s) at the agreed-upon times.

1.4.3 Quality Assurance:
All the equipment provided by the Vendor shall undergo thorough inspection and maintenance to ensure cleanliness, quality, and presentability.

1.4.4 Customization:
Vendor offers customization options such as color selection, sizing, and branding to align with the Village's event themes and branding guidelines.

1.4.5 Support Services:
The vendor will provide dedicated support personnel to assist with any inquiries, requests, or issues related to the equipment rentals promptly.

1.5 ADDITIONAL EQUIPMENT/SERVICES:
Companies are encouraged to list any additional equipment or services they provide that may not have been outlined in the RFQT.

1.6 PERFORMANCE EVALUATION:
The Village is committed to maintaining high standards of service and accountability in all vendor relationships. This Vendor Performance Evaluation Form is designed to assess the quality and effectiveness of services provided by contracted vendors. The information collected through this

evaluation will be used to inform future contract decisions, support performance improvement efforts, and ensure that community expectations are consistently met.
Completed evaluations will be retained by the Village for a period of five years and will serve as a valuable resource during the selection, renewal, or extension of service contracts. Your feedback plays a vital role in promoting transparency, fostering accountability, and enhancing the overall quality of services delivered to our community.

1.7 QUALIFICATIONS:

- Extensive experience in supplying mechanical rides, inflatables, and entertainers for events of varying scales and formats.
- A diverse inventory of rental equipment, including different styles and configurations, to accommodate various event requirements.
- Reliability and responsiveness in delivering rental services on schedule and according to specified guidelines.
- Commitment to quality assurance, with well-maintained and clean rental items that meet or exceed industry standards.
- Excellent customer service skills and the ability to communicate effectively with event organizers and staff to fulfill specific event needs.

1.8 INSTRUCTIONS:

1. VENDORS submitting the bid should include the attached Table 1 – Price Sheet with their bid. Bids are due on July 15, 2025, at 11:30 AM. Bids should be emailed to procurement@keybiscayne.fl.gov.

2. Questions regarding this quotation can be submitted to Daren Jairam, Procurement Officer, by email at procurement@keybiscayne.fl.gov.

3. All the requirements stated herein and the attached Terms and Conditions of the Village of Key Biscayne Purchase Order shall apply.

4. The Village reserves the right to:
   A. Award the VENDOR or VENDORS as determined to be in the best interest of the Village.
   B. Reject any or all submittals if found not to be in the best interest of the Village.

1.9 BID REQUIREMENTS:

A. Bid Proposal:

- Complete filling out of Bid Schedule.
- Submit required documents.
- Include all costs, including taxes, fees, delivery charges, and any other applicable charges.

B. Terms of Engagement:

The Vendor, by submission of its Bid, agrees to the terms and conditions contained in the contract attached hereto as Attachment "A," ("Contract") and further agrees to execute the Contract without change. Notwithstanding, the Village, in its sole discretion, reserves the right to negotiate the final contract price or any terms and conditions.

The initial contract term is for three (3) years with the option to extend at its sole discretion for two (2) one-year (1-year) renewal terms for the maximum of five (5) years. The Proposer understands that this ITB does not constitute an agreement or a contract with the Proposer. A proposal is not binding until proposals are approved by the Village of Key Biscayne Council and both parties execute a written contract.

Bids that are conditioned to additions, deletions, or revisions to the Contract's terms and conditions will be rejected as non-responsive.

C. Additional Information:

- Provide any additional information relevant to the bid, including contact person, and any other pertinent details.

1.10 SUBNISSION INSTRUCTIONS:

- **Format:** Submit your bid proposal in a PDF format.
- **Submission Method:** Email your bid proposal to procurement@keybiscayne.fl.gov.
- **Deadline:** All bid proposals must be received by **July 18, 2025, 11:30 A.M.** Late submissions will not be considered.

1.11 EVALUATION CRITERA:

Bids will be evaluated based on the following criteria:

- Compliance with specifications.
- Total cost, including any incentives and discounts.
- Availability and delivery timeframe.
- Warranty and service offerings.
- Overall value and additional benefits.

1.12 CONTACT FOR QUESTIONS:

For any questions or clarifications regarding this RFQT, please contact:

Name: Procurement Officer – Daren Jairam
Email: procurement@keybiscayne.fl.gov

1.13 CONE OF SILENCE:

To ensure fair consideration for all Proposers, a Cone of Silence is enforced starting on the posting date of the proposal submission. Proposers are asked not to communicate with any department, division, or employee from the submission package concerning the proposal until an award decision has been made. Any communication between Proposer and the Village in order to obtain information or clarification needed to develop a proper, accurate evaluation of the proposal should be conducted through the Village Procurement Officer, Daren Jairam at djairam@keybiscayne.fl.gov or procurement@keybiscayne.fl.gov.

END OF SECTION

FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☐ Form 1: Response Checklist
- ☐ Form 2: Addendum Acknowledgment
- ☐ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - ▪ Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - ▪ Form 3B: Certificate of Authority (for Individuals)
- ☐ Form 4: Proposer's Statement of Organization
- ☐ Form 5: References
- ☐ Form 6: Affidavits
  - • Form 6A: Single Execution Affidavits
  - • Form 6B: Independence Affidavit
  - • Form 6C: Non-Collusion Affidavit
- ☐ Form 7: Drug Free Workplace
- ☐ Form 8: Certification to Accuracy of Proposal
- ☐ Form 9: Scrutinized Companies
- ☐ Form 10: Public Entity Crimes
- ☐ Form 11: Dispute Disclosure
- ☐ Form 12: List of Proposed Subcontractors
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

EXHIBITS

- ☐ A: Scope of Services
- ☐ B: Fee Schedule/Price Proposal
- ☐ C: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES
Solicitation No.:
RFQT # 25-02

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☑ No Addendum issued for this Solicitation

Firm's Name: MEGA PARTY EVENTS, INC

Authorized Representative's Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

Email: JC@MEGAPARTYEVENTS.COM

Phone Number: 305-971-8494

Address: 22840 S DIXIE HWY MIAMI, FL 33170

Authorized Signature: 

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of MEGA PARTY EVENTS, INC a business existing under the laws of the State of FLORIDA, (the "Entity") held on JUNE 24, 2025, 2025, the following resolution was duly passed and adopted:

"RESOLVED, that, JUAN CARLOS RUIZ, as SR. ACCOUNT EXECUTIVE of the Entity, be and is hereby authorized to execute this Proposal dated JUNE 24, 2025, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this 24th day of JUNE, 2025.

Secretary: N/A

Print Name: N/A

President: [signature]

Print Name: ADRIAN DE LA ROSA

(Seal)

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I,_____ ("Affiant") being first duly sworn, deposes and says:

1. I am the _____

   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: _____

   _____ doing

   business as _____, the

   Contractor that has submitted the attached Proposal.

2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.

3. I am authorized to execute the Proposal dated _____, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, , will be the official act and deed of this attestation.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

ACKNOWLEDGMENT

State of Florida
County of _____

On this _____ day of _____, 20____, before me the undersigned, personally appeared _____, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   MEGA PARTY EVENTS INC.

   city
2. Principal Business Address, Phone and Email Address:
   22840 S DIXIE HWY MIAMI, FL 33170
   305-971-8494
   JC@MEGAPARTYEVENTS.COM

3. Principal Contact Person(s):
   JUAN RUIZ

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
   CORPORATION
   A. If a corporation, in what state incorporated: FLORIDA
   B. Date Incorporated: 2/11/2004
   C. Federal ID Number (EIN) 20-0804979
   D. If a joint Venture or Partnership, date of Agreement: N/A
   E. Name and address of all partners (state whether general or limited partnership): ADRIAN DE LA ROSA - 22840 S DIXIE HWY MIAI FL, 33170
   F. If other than a corporation or partnership describe, organization and name of principals. N/A

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
ADRIAN DE LA ROSA - PRESIDENT	

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFQT Agreement.
   21 YEARS

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	JUAN RUIZ	22840 S DIXIE HWY MIAMI FL, 33170	SALES MANAGER
B.			
C.			
D.			

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. SALES

B. LOGISTICS
C. EVENT PLANNING
D. COORDINATION

9. County or municipal business tax receipt number (attach copies):
County: MIAMI DADE 5027578
Municipal: _____

10. Have you ever failed to complete any work awarded to you?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the

002432

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

5027578

BUSINESS NAME/LOCATION

MEGA PARTY EVENTS INC
22840 S DIXIE HWY
MIAMI FL 33170

RECEIPT NO.

RENEWAL
5249784

EXPIRES
SEPTEMBER 30, 2025

Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
MEGA PARTY EVENTS INC

SEC. TYPE OF BUSINESS
213 SERVICE BUSINESS

PAYMENT RECEIVED BY TAX COLLECTOR
$75.00 07/10/2024
INT–24–421347

Employee(s) 1

2024-25

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder s qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

1240

organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** X **If yes, attach a separate sheet of explanation.**

22. Have you made a site visit? _____ Yes, ____X____ No

23. How soon after the award can you begin work? ____Five____ Days.

24. List any licenses, permits or certifications, etc., you hold for performing this type of work:
No specific licenses or certifications are required in the state of Florida for party rental services.
We have all the required insurance policies, certificate of liability, workers' comp and auto liability.
All mechanical and inflatable equipment is inspected before each event.

25. How did you hear about the ITB? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. DEMANDSTAR AND EMAIL

Signature (Blue ink only)

JUAN RUIZ
Print Name

SR. ACCOUNT EXECUTIVE
Title

6/24/2025
Date

STATE OF FLORIDA)
COUNTY OF MIAMI DADE)

The foregoing instrument was acknowledged before me this 24th day of JUNE, 2025
by JUAN RUIZ as SR. ACCOUNT EXECUTIVE
(Name of person acknowledging) *(Title)*
for MEGA PARTY EVENTS, INC.
(Company name)
Personally known to me ____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

Notary Public State of Florida
Brian Riley
My Commission HH 515718
Expires 4/15/2028

SIGNATURE OF NOTARY PUBLIC

Brian Riley
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 5

CLIENT REFERENCES

PLEASE PRINT CLEARLY

REFERENCE #1

Name of Company: CITY OF HOMESTEAD

Reference Contact Name: NANCY DAVILA

Contact Title: EVENT SPECIALIST

Contact Email: ndavila@homesteadfl.gov

Contract Start Date: 4/12/2025 **Contract End Date:** 4/12/2025

REFERENCE #2

Name of Company: Nicklaus Children's Hospital

Reference Contact Name: Bela Florentin

Contact Title: Coordinator, Dr. Moises Simpser VACC Camp

Contact Email: bela.florentin@nicklaushealth.org

Contract Start Date: 3/27/2025 **Contract End Date:** 3/27/2025

REFERENCE #3

Name of Company: ZOO MIAMI

Reference Contact Name: Stefan Schwindeman

Contact Title: Manager of Events & Partnerships

Contact Email: sschwindeman@zoomiami.org

Contract Start Date: 4/19/2025 **Contract End Date:** 4/19/2025

REFERENCE #4

Name of Company: South Florida Autism Charter School

Reference Contact Name: Bindhu Hirin

Contact Title: Director of Facilities/Activities

Contact Email: activities@sfacs.org

Contract Start Date: 4/20/2024 **Contract End Date:** 4/20/2024

REFERENCE #5

Name of Company: CITY OF MIRAMAR

Reference Contact Name: LOLITA DUNN

Contact Title: Special Events Manager

Contact Email: Lddunn@miramarfl.gov

Contract Start Date: 3/1/2025 **Contract End Date:** 3/1/2025

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: JUAN RUIZ

For (Name of Proposing or Bidding Entity): MEGA PARTY EVENTS INC.

Whose business address is: 22840 S DIXIE HWY MIAMI, FL 33170

And (if applicable) its Federal Employer Identification Number (FEIN) is: 20-0804979

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#: N/A)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

MPE

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[X] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

MPE

Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

MPE

Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

MPE
Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

MPE
Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

MPE

Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
   CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES** and any addendum/addenda related thereto.
2. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
3. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

MPE

Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Witness #1 Print Name: Oslay Montes

Witness #2 Print Name: Joel Machado

Signed, sealed and delivered by:

Print Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

ACKNOWLEDGMENT

State of Florida

County of MIAMI FLORIDA

On this 24TH day of JUNE, 2025, before me the undersigned, personally appeared Juan Ruiz, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

Notary Public State of Florida
Brian Riley
My Commission HH 515718
Expires 4/15/2028

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

X Produced identification (Type of Identification: DRIVER LICENSE)

_____Did take an oath; or

_____Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am SR. ACCOUNT EXECUTIVE of MEGA PARTY EVENTS INC., the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

NONE

Signature (Blue ink only)

JUAN RUIZ

Print Name

SR. ACCOUNT EXECUTIVE

Title

6/24/2025

Date

STATE OF FLORIDA)
COUNTY OF MIAMI DADE)

The foregoing instrument was acknowledged before me this 24th day of JUNE, 2025

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE

(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS.

(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Notary Public State of Florida
Brian Riley
My Commission HH 515718
Expires 4/15/2028

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is SR. ACCOUNT EXECUTIVE of MEGA PARTY EVENTS INC., proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFQT is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

JUAN RUIZ

Print Name

SR. ACCOUNT EXECUTIVE

Title

6/24/2025

Date

STATE OF FLORIDA)
COUNTY OF MIAMI DADE)

The foregoing instrument was acknowledged before me this 24th day of JUNE, 2025

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE

(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS INC.

(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

Notary Public State of Florida
Brian Riley
My Commission HH 515718
Expires 4/15/2028

SIGNATURE OF NOTARY PUBLIC

Brian Riley

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that MEGA PARTY EVENTS INC. does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFQT document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFQT or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

JUAN RUIZ

Print Name

SR. ACCOUNT EXECUTIVE

Title

6/24/2025

Date

STATE OF FLORIDA)
COUNTY OF MIAMI DADE)

The foregoing instrument was acknowledged before me this 24th day of JUNE, 2025

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE

(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS INC.

(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced DIVER LICENSE.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Notary Public State of Florida
Brian Riley
My Commission HH 515718
Expires 4/15/2028

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFQT and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the RFQT and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is SR. ACCOUNT EXECUTIVE of MEGA PARTY EVENTS INC., the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF FLORIDA)
COUNTY OF MIAMI DADE)

The foregoing instrument was acknowledged before me this 24th day of JUNE, 2025,

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE
(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS INC.
(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE) Notary Public State of Florida Brian Riley My Commission HH 515718 Expires 4/15/2028

SIGNATURE OF NOTARY PUBLIC
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

JUAN RUIZ
Print Name

SR. ACCOUNT EXECUTIVE
Title

6/24/2025
Date

STATE OF FLORIDA)
COUNTY OF MIAMI DADE)

The foregoing instrument was acknowledged before me this 24th day of JUNE, 2025, by JUAN RUIZ as SR. ACCOUNT EXECUTIVE
(Name of person acknowledging) *(Title)*
for MEGA PARTY EVENTS INC.
(Company name)
Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Notary Public State of Florida
Brian Riley
My Commission HH 515718
Expires 4/15/2028

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. RFQ # 25-01

2. This sworn statement is submitted by: MEGA PARTY EVENTS INC.
(name of entity submitting sworn statement)

whose business address is: 22840 S DIXIE HWY MIAMI, FL 33170

Federal Identification Number (FEIN) is: 20-0804979
(if applicable)

Social Security Number: _____

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: JUAN RUIZ
(print name of individual signing this document)

and my relationship to the entity is: PROFESSIONAL

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
   (a) A predecessor or successor of a person or a corporation convicted of a public

entity crime; or

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. _X_ Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, and (Please indicate which additional statement applies)

      1) ____ There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____ The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or

affiliate from the convicted vendor list. (Please attach a copy of the final order)

3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

Signature

6/24/2025
Date

STATE OF FLORIDA)
COUNTY OF MIAMI DADE)

The foregoing instrument was acknowledged before me this 24th day of JUNE, 2025

by JUAN RUIZ as SR. ACCOUNT EXECUTIVE

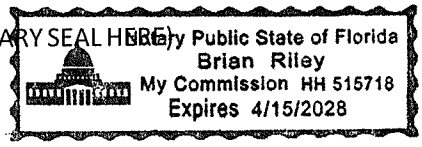
(Name of person acknowledging) *(Title)*

for MEGA PARTY EVENTS INC.

(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced DRIVER LICENSE.

(NOTARY SEAL HERE)



SIGNATURE OF NOTARY PUBLIC

Brian Riley
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO X

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO X

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO X

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: MEGA PARTY EVENTS INC.

Authorized Signature: _____

Print or Type Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

Date: 6/24/2025

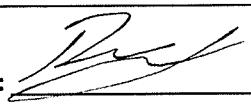
FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
1.	YARTU INC 1515 SW 78th Court MIAMI, FL 33144	FACE PAINTERS & BALLOON ART	83-4716988
2.	SOUTH FLORIDA PONY PARTY SERVICES CORP 17453 41st Road North LOXAHATCHEE, FL 33470	PONY RIDES & PETTING ZOO	82-4546756
3.	PARTY PHOTO MIAMI LLC 10863 West 32nd LaneHialeah, FL 33018	PHOTO BOOTHS	84-3905671
4.	VARIETY ENTERTAINMENT & CONCESSIONS, INC. 7162 Pembroke Road Miramar, FL 33023	STILT WALKERS & PEFORMERS	65-0771754
5.	ATM SOUNDS, LLC 10715 SW 190TH ST UNIT 33 MIAMI, FL 33157	DJ, SOUND SYSTEMS & GAME MASTERS	88-2659148

Firm: MEGA PARTY EVENTS INC.

Authorized Signature: 

Print or Type Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

Date: 6/24/2025

FORM 13
FORM 14
FORM 15 N/A
FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

Proposal of MEGA PARTY EVENTS, INC

(Name)

22840 S DIXIE HWY MIAMI, FL 33170

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.

The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.
NOTE: THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No._____

Bidder's Occupational License No. 5027578

WITNESS: Oday Montes

By: _____
Signature of Authorized Agent

[SEAL]

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☑ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

Witness #1 Print Name: Osly Montes

Witness #2 Print Name: Joel Machado

Signed, sealed and delivered by:

Print Name: JUAN RUIZ

Title: SR. ACCOUNT EXECUTIVE

Entity Name: MEGA PARTY EVENTS INC.

ACKNOWLEDGMENT

State of Florida

County of MIAMI DADE

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 24th day of JUNE, 2025, by JUAN RUIZ (name of person) as SR. ACCOUNT EXECUTIVE (type of authority) for MEGA PARTY EVENTS INC. _____ (name of party on behalf of whom instrument is executed).

Notary Public State of Florida
Brian Riley
My Commission HH 515718
Expires 4/15/2028

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or

X Produced identification (Type of Identification: DRIVER LICENSE)

_____ Did take an oath; or

_____ Did not take an oath

An official website of the United States government Here's how you know

My Company Profile

Company Information

Company Name
MEGA PARTY EVENTS

Doing Business As (DBA) Name

Company ID
1763321

Enrollment Date
Nov 29, 2021

Employer Identification Number (EIN)
200804979

Unique Entity Identifier (UEI)

DUNS Number

Total Number of Employees
1 to 4

NAICS Code
721

Sector
Accommodation and Food Services

Subsector
Accommodation

Edit Company Information

Employer Category

Employer Category

None of these categories apply

Edit Employer Category

Company Addresses

Physical Address

22840 S DIXIE HIGHWAY
MIAMI, FL 33170

Mailing Address

Same as Physical Address

Edit Company Addresses

Hiring Sites

We have implemented a new policy and require more information for existing and future hiring sites.

Number of Sites

1

Edit Hiring Sites

Company Access

My Company is configured to:

Verify Its Own Employees

Memorandum of Understanding

View Current MOU

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that:**

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of MEGA PARTY EVENTS INC., a nongovernmental entity.

3. MEGA PARTY EVENTS INC. does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

Witness #1 Print Name: Oslay Montes

Witness #2 Print Name: Joel Machado

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: JUAN RUIZ
Title: SR. ACCOUNT EXECUTIVE
Entity Name: MEGA PARTY EVENTS INC.

OATH OR AFFIRMATION

State of Florida
County of MIAMI DADE

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 24th day of JUNE, 2025, by JUAN RUIZ (name of person) as SR. ACCOUNT EXECUTIVE (type of authority) for MEGA PARTY EVENTS INC. (name of party on behalf of whom instrument is executed).

Notary Public State of Florida
Brian Riley
My Commission HH 515718
Expires 4/15/2028

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
__X__ Produced identification (Type of Identification: DRIVER LICENSE)
_____ Did take an oath; or
_____ Did not take an oath

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. MEGA PARTY EVENTS INC. ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Witness #1 Print Name: Oday Montes

Witness #2 Print Name: Joel Machado

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: JUAN RUIZ
Title: SR. ACCOUNT EXECUTIVE
Entity Name: MEGA PARTY EVENTS INC.

OATH OR AFFIRMATION

State of Florida
County of MIAMI DADE

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 24th day of _____, 2025, by JUAN RUIZ (name of person) as SR. ACCOUNT EXECUTIVE (type of authority) for _____ MEGA PARTY EVENTS INC. (name of party on behalf of whom instrument is executed).

Notary Public State of Florida
Brian Riley
My Commission HH 515718
Expires 4/15/2028

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or
__X__ Produced identification (Type of Identification: DRIVER LICENSE)
_____ Did take an oath; or
_____ Did not take an oat

EXHIBIT B

VILLAGE OF KEY BISCAYNE

VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

PROPOSAL SCHEDULE

NAME OF PROPOSER: MEGA PARTY EVENTS INC.

In response to the Village's invitation to bid and in compliance with the RFQT requirements, the undersigned bidder to provide all labor, materials and equipment, all supervision, coordination, all related incidentals necessary to **VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES** located at the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated 6/24/2025 including Addenda numbered _____ through _____, inclusive, for an all-inclusive Base Bid for **VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES** includes all incidental costs.

The Contractor understands and agrees that the prices submitted is for the services as indicated in the Scope of Service, including but not limited to, all labor, materials, equipment and permitting.

TABLE – VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES

The following table provides the unit pricing structure for bidding purposes. Contractors shall complete the table with their proposed unit costs. Units to be replaced must be of the same manufacturer and specifications as the existing units unless otherwise specified or instructed by the Village.

Vendors are not required to bid on all items

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	Notes
Event #1	Fall Festival	10/19/2025	Pumpkin Pad	1			The equipment must be delivered and set up by 11:00 AM on 10/19/25. This includes time for state inspection if needed. Equipment removal may begin at 4:00 PM on 10/19/25 and must be completed by 7:00 PM. Please include cost for inspection, attendant, and generators.
	Village Civic Center		Kids Play Center	1	$670		
			Corn Ghoul Maze	1	$1170		
			Petting Zoo	1	$1295		
			Bounce House	1	$470		
Event Total						$3605	

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	
Event #2	Winterfest	12/6/2025 & 12/7/25	Rockwall	1	$2070		The equipment must be delivered and set up by 4:00 PM on 12/6/25. This includes time for State inspections if needed. Equipment removal may begin at 8:00 PM on 12/7/25 and must be completed by 11:00 PM. Please include cost for inspection, attendant, and generators.
	Village Civic Center		4 Station Bungee	1	$5090		
			Giant Fair Slide	1	$3465		
			Zipline	1	$4675		
			Polar Express	1	$1940		
			Berrie go Round	1	$4200		
			Frog Hopper	1	$4200		
			Shipwreck	1	$3365		
			Winter Play Center	1	$1140		
			Santa Clause	1	$550	2 hours Sunday 4pm-6pm	
Event Total						$30,695	

Number	Title & Location	Event Date(s)	Equipment	Quantity	Unit Cost	Total	
Event #3	Family Fun Day	4/19/2026	State Fair Slide	1	$1945		The equipment must be delivered and set up by 2:00 PM on 4/19/26. This includes time for state inspection if needed. Equipment removal may begin at 7:30 PM on 4/19/26 and must be completed by 10:00 PM. Please include cost for inspection, attendant, and generators.
	Key Biscayne K-8		Bumper Cars	1	$1945		
			Whirlwind	1	$1845		
			Tubs of Fun	1	$1295		
			Petting Zoo	1	$795	3 HOURS	
			Themed Play Center	1	$570		
			Obstacle Course	1	$870		
			Fun Fair Combo Unit	1	$670		
Event Total					$9935		
TOTAL EVENTS 1, 2 AND 3						$44,235	

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Bidder is familiar with the nature and extent of the work and any local conditions or criteria dictated in the RFQT .

The undersigned Bidder agrees to do all the work and furnish all materials called for by the RFQT Documents. The bidder further agrees that payments will be made based on actual quantities placed and accepted.

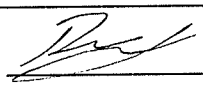
The undersigned Bidder agrees to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for construction of: **VILLAGE OF KEY BISCAYNE MECHANICAL RIDES, INFLATABLES AND ENTERTAINMENT SERVICES** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: MEGA PARTY EVENTS INC.

Bidder's Name: JUAN RUIZ

Bidder's Email: JC@MEGAPARTYEVENTS.COM

Bidder's Title: SR. ACCOUNT EXECUTIVE

Bidder's Signature: 

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

STAFF MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: FY 24-25 Budget Amendment #2 (2nd Reading): Rickenbacker Causeway Feasibility Assessment and Concept Refinement

RECOMMENDATION

Recommend the Village Council approve, on second reading, to amend the Fiscal Year 2024-2025 Budget by reprogramming $950,000 from General Fund Reserves into the Capital Improvement Fund to support a feasibility assessment and concept refinement for the Rickenbacker Causeway "Shoreline" project.

DISCUSSION

Purpose: This reprogramming of funds reflects the Village's strong commitment to advancing the Rickenbacker Causeway "Shoreline" concept. The project will support a feasibility assessment and concept refinement that prioritizes the interests of our residents while also benefiting neighboring county communities.

Background: The Village of Key Biscayne and its residents have long expressed concern over traffic flow and safety along the Rickenbacker Causeway, the Village's sole access route. In response, the Village has taken a proactive role in identifying mobility solutions for the causeway and the Bear Cut Bridge. In 2021, the Village developed its own concept outlining practical improvements and key objectives, with the intent of clearly communicating to Miami-Dade County the community's desire for an enhanced causeway that reflects local needs.

Building on this initiative, the County launched the Rickenbacker Causeway Master Plan to address the Village's priorities while incorporating input from stakeholders and residents across the County. As the County's planning evolved, a new concept emerged proposing a raised highway with local roads beneath it along the Virginia Key segment. This design emphasized prioritizing through-traffic, improving access and safety to nearby venues, and reclaiming land for public open space.

On May 6, 2025, Commissioner Regalado and the Plusurbia Design Team presented their concept to the Village, generating significant interest from both the community and Councilmembers. To facilitate further analysis, Mayor Rasco scheduled a workshop on June 17, 2025, where the Plusurbia Team provided a detailed presentation and engaged in open dialogue with the Council regarding the proposal's merits.

security, pro forma financial statements, and capital funding and sustainment financing mechanisms.

7. **Stakeholder & Community Engagement:** Facilitate meaningful engagement to gather input, build consensus, and ensure the proposed transformation reflects the needs, values, and concerns of users and surrounding communities.

The work will be performed by the Plusurbia Design Team as a continuation of the "Shoreline" Concept presented to the Village Council on June 17, 2025. As partners, the Village and the Friends of the Underline will guide the team's efforts to ensure the scope of work is fulfilled and the outcomes align with the Village's priorities and residents' interests. The Key Biscayne Community Foundation will also join the initiative to ensure robust community involvement throughout the development process.

RESOURCE IMPACT

The funds will be allocated to support the feasibility assessment and refinement of the Shoreline concept, in an amount not to exceed $950,000. The transfer will be made from the General Fund Reserve to the Capital Improvement Fund, while maintaining the total reserve balance above the Village's stipulated 50% policy threshold.

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

The Rickenbacker Causeway Feasibility Assessment Concept Refinement and is directly in line with the Village's goal of creating an *accessible, connected, and mobile transportation network.* It also supports one of its most important focus areas of *alleviating traffic* by specifically pursuing the intent of five supporting actions:

- Partner with M-DC to improve traffic mobility and safety along Rickenbacker Causeway
- Partner with M-DC to replace Bear Cut Bridge
- Conduct Rickenbacker Causeway-Crandon Blvd corridor traffic data collection and analysis
- Advance regional partner coordination and relationships
- Enhance community engagement and relationships

Department Director: Benjamin Nussbaum | Finance

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

At the conclusion of the workshop, Commissioner Regalado asked the Village to commit $950,000 to advance the concept and align it with the ongoing Bear Cut Bridge Project Development and Environmental Study (PD&E). In response, the Council reached consensus to place the funding request on the agenda for the July 1, 2025, Council Meeting. On first reading, the Council approved the reprogramming of funds and directed the Administration to develop a framework for executing the project in a manner that reflects the Village's priorities and expectations.

Justification: The budget amendment provides the Village with a strategic opportunity to advance the Rickenbacker Causeway "Shoreline" concept to a more developed stage, enabling a thorough assessment of its technical feasibility while aligning with Miami-Dade County's Bear Cut Bridge PD&E study.

This concept is designed to reflect the Village's priorities by improving traffic flow and safety, optimizing intersections and access to key venues, and creating clear separation between vehicles, bicycles, and pedestrians. It also integrates with current and future planning initiatives, addresses critical resiliency and drainage needs, and establishes a sustainable framework for governance, financing, and long-term operations and maintenance.

By investing in this effort, the Village positions itself to lead the causeway's transformation in collaboration with the right partners and stakeholders—ensuring the final concept is comprehensive, technically sound, and responsive to the community's needs and aspirations.

Implementation: If approved, the Village intends to enter into a partnership agreement with the Friends of the Underline, enabling both organizations to collaboratively assess the feasibility of the Rickenbacker Causeway "Shoreline" project and refine the concept. The scope of work includes:

1. **Agency Coordination & Status Review:** Determine the project's standing with Miami-Dade County, the City of Miami, and the Florida Department of Transportation, including current planning status, required approvals, and agency positions.
2. **Comprehensive Technical Baseline Assessment:** Conduct a full evaluation of existing conditions through data collection and analysis, including traffic patterns and trends, infrastructure inventory, utility mapping, environmental assessment, geotechnical investigation, topographic and boundary surveys, and land use and zoning analysis.
3. **Feasibility Assessment Report:** Produce a detailed report encompassing traffic analysis, engineering evaluation, integration with the Bear Cut Bridge PD&E study, utility conflict assessment, environmental, resilience, and drainage review, agency regulatory requirements, cost implications, and a risk matrix with mitigation strategies.
4. **Concept Plan Update:** Refine the Concept Plan with annotated renderings and design rationale informed by technical data and feasibility findings.
5. **Basis of Design Report:** Draft a report aligned with the updated Concept Plan and feasibility outcomes, including design criteria, technical assumptions, and preliminary cost estimates suitable for advancing to schematic design.
6. **Business Plan:** Create a comprehensive business plan outlining governance structure, infrastructure operations and maintenance, public space management, programming and

ORDINANCE NO. 2025-_____

AN ORDINANCE OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AMENDING ORDINANCE NO. 2024-16 WHICH ADOPTED THE BUDGET FOR FISCAL YEAR 2024-2025 BY REVISING THE 2024-2025 FISCAL YEAR BUDGET (BUDGET AMENDMENT NO. 2); PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, in accordance with Section 200.065, Florida Statutes, on September 24, 2024, the Village Council of the Village of Key Biscayne (the "Village") adopted Ordinance No. 2024-16 approving the Fiscal Year 2024-2025 Budget; and

WHEREAS, upon the periodic review and analysis of current budgetary commitments and obligations, and based upon the projected needs and requirements of the Village and upon the recommendations of the Village Manager, adjust, amend and implement the Fiscal Year 2024-2025 Budget to allocate $950,000 from General Fund Reserves to the Capital Improvement Fund for the Rickenbacker Causeway concept development and feasibility assessment; and

WHEREAS, the Village Council finds that adoption of this Ordinance is in the best interest and welfare of the Village and its residents.

NOW, THEREFORE, BE IT ORDAINED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS: [1]

Section 1. Recitals. That the above-stated recitals are true and correct and are incorporated herein by this reference.

Section 2. Amending Ordinance No. 2024-16. That the Village Council hereby authorizes the amendment of Ordinance No. 2024-16, which Ordinance adopted a budget for the 2024-2025 fiscal year, by revising the 2024-2025 Budget (Budget Amendment No. 2) to allocate

[1] Coding: ~~Strikethrough words~~ are deletions to the existing words. Underlined words are additions to the existing words. Changes between first and second reading are indicated with highlighted ~~double strikethrough~~ and double underline.

$950,000 from General Fund Reserves to the Capital Improvement Fund for the Rickenbacker Causeway concept development and feasibility assessment.

Section 3. **Implementation.** That the Village Manager is hereby authorized to take any and all action necessary to implement the purpose of this Ordinance.

Section 4. **Effective Date.** That this Ordinance shall become effective immediately upon final adoption on second reading.

PASSED on first reading on the _____ day of _____, 2025.

PASSED AND ADOPTED on second reading on the _____ day of _____, 2025.

_____
JOE I. RASCO
MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGALITY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Purchase Replacement Police Radios and Communication System

RECOMMENDATION

Recommend the Village Council approve the capital project authorizing ordinance to purchase forty-two (42) Motorola Police Radios, two (2) APX dispatch Consolettes, and related services in the amount of $556,051.92.

DISCUSSION

Purpose: There is a need to replace our entire allotment of police radios and existing dispatch consolettes, as the equipment has reached end of life. Additionally, due to the age of our radio inventory, the communication devices are breaking down more frequently. The department requests the purchase approval to continue our public safety operations and ensure officer safety.

Background: Miami Dade County Sheriff's Office, who is our current 9-11 emergency dispatch center, transitioned to the Motorola Radio platform in 2024. Our current radio provider Harris is supported by the system but will become non-serviceable. Our existing radios, the Harris 7300, were discontinued in 2021. Due to the age of our radio inventory, the communication devices are breaking down more frequently.

Justification: The purchase of the Motorola radio platform will ensure continuity of operations and replace end-of-life legacy radio equipment to modernize the Village of Key Biscayne Police Department.

Operational Benefits:

- Enhanced officer safety and situational awareness for command
- Improved communications and operational efficiency across facilities and transports
- Mitigate liability with existing end-of-life radio equipment
- Our law enforcement partners at the Miami Dade Sheriff's Office and the City of Miami Police Department are currently utilizing the Motorola radios.
- Several agencies in Miami Dade County have transitioned to the Motorola platform.

Warranty and Cost:

The purchase of Motorola radios is the total cost of ownership. It includes seven years of subscription services and warranty. Additionally, the 7-year commitment locks in the 2025 pricing through 2032.

The Village of Key Biscayne will piggy-back the existing Motorola Sourcewell Contract #042021-MOT.

Implementation/Integration Plan: Upon Council approval, the radios will be ordered. Once Motorola receives the order, Motorola will work with the Miami Dade County radio shop to program the purchased equipment for deployment. The time frame provided by Motorola is six-eight weeks. The payment to Motorola will be divided into two payments. A 50% deposit will be applied from the Police FY 2025 budget. Upon approval of the proposed 2026 CIP budget, a final payment will be made to Motorola for the outstanding balance. After the radios are programmed, a roll-call training will be conducted for all department personnel, and the radios will be in-service.

RESOURCE IMPACT

Recurring Funding: No additional funding is requested for the first seven years of the purchase. Upon completion of year seven, the department would assume an annual subscription rate for each radio. (see Motorola attachment)

Equipment: No additional equipment needed. Radios come with all accessories required.

Training: The department is currently testing demo radios in the field. Once the radios are programmed, a roll-call training will be conducted for all department personnel, and the radios will be in-service.

FUNDING SOURCES

Funding in the amount of $556,051.92 will come from the following sources:

- The FY 2025 Police budget not to exceed $278,025.00
- Proposed FY 2026 Capital Improvement Plan (CIP) Budget for Motorola Police Radios not to exceed $278,025.00.
- ***GL Code:*** 01-21-521.64004 & FY 26 CIP
- ***Budget Line-Item:*** Police Department Capital Outlay / FY25/26 proposed budget (CIP)
- ***Amount:*** $278,025.00 / $278,025.00

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

- Goal – Safe & Secure Village
- Focus Area – Ensure Community Safety
- Action – Purchase and deploy new police Motorola radios

ATTACHMENT(S)

Motorola Solutions Village of Key Biscayne Police Department APX N70 Radio Project

Prepared by: Francis J. Sousa | Police Chief

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

ORDINANCE NO. 2025-_____

A CAPITAL PROJECT AUTHORIZING ORDINANCE OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, APPROVING THE PURCHASE OF MOTOROLA POLICE RADIOS, APX DISPATCH CONSOLETTES, AND RELATED SERVICES FROM MOTOROLA SOLUTIONS, INC. IN AN AMOUNT NOT TO EXCEED $556,051.92; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Village of Key Biscayne (the "Village") Police Department needs to replace its existing police radios and dispatch consolettes as the equipment has reached the end of its useful life and the Miami-Dade County Sheriff's Office, which serves as the Village's 911 emergency dispatch center, has transitioned to the Motorola Radio platform; and

WHEREAS, the Village desires to purchase 42 Motorola police radios, two APX dispatch consolettes, and related services (collectively, the "Equipment") to replace the Village's existing police radios and dispatch consolettes; and

WHEREAS, the type of purchase contemplated by the Village has been competitively bid by Sourcewell, a local government and service cooperative created under the laws of the State of Minnesota, which has entered into Sourcewell Contract No. 042021-MOT ("Sourcewell Contract") with Motorola Solutions, Inc. (the "Vendor") for the Equipment; and

WHEREAS, in accordance with Section 2-86 of the Village Code of Ordinances, the Village Council desires to authorize the Village Manager to purchase the Equipment from the Vendor in an amount not to exceed $556,051.92 consistent with the Vendor's quote attached hereto as Exhibit "A" (the "Quote") and the Sourcewell Contract, as the pricing offered pursuant to the Sourcewell Contract is in the Village's best interest; and

WHEREAS, the Village Council finds that this Capital Project Authorizing Ordinance is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, IT IS HEREBY ORDAINED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. **Recitals.** The above-stated recitals are true and correct and are incorporated herein by this reference.

Section 2. **Approval.** That the Village Council hereby approves the purchase of the Equipment from the Vendor in an amount not to exceed $556,051.92.

Section 3. **Authorization.** That the Village Council hereby authorizes the Village Manager to purchase the Equipment in an amount not to exceed $556,051.92, consistent with the Quote attached hereto as Exhibit "A" and the Sourcewell Contract.

Section 4. **Implementation.** The Village Council hereby authorizes the Village Manager to execute any purchase order or required documentation for the purchases described in this Ordinance, subject to approval by the Village Attorney as to form, content, and legal sufficiency, and to take any action that is reasonably necessary to implement the purpose of this Ordinance.

Section 5. **Effective Date.** This Ordinance shall become effective immediately upon adoption on second reading.

PASSED on first reading on the _____ day of _____, 2025.

PASSED AND ADOPTED on second reading on the _____ day of _____, 2025.

_____
JOE I. RASCO
MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGALITY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

MOTOROLA SOLUTIONS

EXHIBIT A

Village of Key Biscayne Police Department APX N70 Radio Project

WHAT: Project Scope

Police Radios

- Qty 42 APX N70 Accessories & Deployment Services, 7 Yrs. Warranty & LTE Smart Application Services (SmartLocate, SmartMapping, SmartConnect, SmartProgramming)
- Qty 2 APX Consolettes

WHY THIS, WHY NOW?

- Continuity of Operations: Replacement of end-of-life legacy radio equipment to modernize The Village of Key Biscayne Police Department
- Operational Benefits:
  - Enhanced Officer Safety and Situational Awareness for Command
  - Improved Communications and Operational Efficiency across Facilities & Transports
  - Mitigate liability with existing end-of-life radio equipment

HOW: Contract, Funding & Incentives

- $139K+ savings from the SOURCEWELL CONTRACT #042021-MOT

7-Year Total Cost of Ownership

- $556K Total Cost of Ownership including 7-Years of Subscription Services and Warranty
- 7-Year Commitment locks-in the 2025 pricing through 2032

Year	Total Cost
Year 1 Purchase Total (Equipment and 1-Yr of Warranty and Subscription Services)	$409,222.44
Year 2-7 (Warranty and Subscription Services)	$146,829.48
Project Grand Total over 7-Years	$556,051.92

Payment Terms for a Complete Cash Purchase

- Equipment will be invoiced upon shipment, as shipped;
- Services, if required, will be invoiced upon completion; and
- Subscription Services (7 years) and Radio Central (7 years) shall be invoiced, in full upon Final Acceptance;

VILLAGE OF KEY BISCAYNE

Village Council
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Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Regulating Electric Bicycles, Motorized Scooters, and other Modernized Mobility Devices

RECOMMENDATION

Recommend the Village Council approve the modification to Chapter 26 regulating the use of electric bicycles, motorized scooters, and other modernized mobility devices within the entire geographical boundary of the Village of Key Biscayne.

DISCUSSION

Purpose: The purpose of the ordinance is to set forth the terms and conditions for individuals to operate an electric bicycle, motorized scooter, and any other modernized mobility devices in the Village of Key Biscayne.

Background: The Village Manager and Key Biscayne Police Department have been working with the Village Attorney and State Representatives to regulate the age for the operation of electric bicycles, motorized scooters, and other modernized mobility devices.

Since 2022, discussions and modifications have been made to Chapter 26, including a full ban village-wide on mobility devices. House Bill 462 was passed during the 2025 legislative session allowing municipalities to establish a minimum age requirement, along with possessing a government-issued photographic dentification.

Justification: The regulation effectively addresses the community's safety concerns, as they relate to the use and operation of the devices within the Village. It helps the Village control usage by location, vehicle type, and age of user. Additionally, the modification of Chapter 26 will allow adults to utilize micro-mobility devices around the Village.

With safety as the Administration's top priority, the convenience of micro-mobility devices and the positive impact they may have on reducing vehicular traffic is recognized. However, it remains imperative that regulations be put in place to ensure the safety and security of ***all*** members of the Key Biscayne community.

Implementation/Integration Plan: If approved, Chapter 26 would be revised to state the following:

- Only Class 1 Electronic Devices may be used
- Operators must be 18 years of age
- Operators must possess a government-issued photographic dentification
- The Police will reinforce no usage on sidewalks
- There will be an evaluation period for Administration assessment and feedback

RESOURCE IMPACT

Personnel: Police department personnel will educate and enforce the modification to Chapter 26.

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

- Goal – Safe & Secure Village
- Focus Area – Ensure Community Safety
- Action – Improve golf cart, motorized scooter, and electric bike safety

Prepared by: Francis J. Sousa | Police Chief

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

ORDINANCE NO. 2025-___

AN ORDINANCE OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AMENDING ARTICLE V, CHAPTER 26, "ELECTRIC BICYCLES, MOTORIZED SCOOTERS, AND OTHER MOTORIZED MOBILITY DEVICES" OF THE VILLAGE CODE OF ORDINANCES RELATING TO THE OPERATION OF ELECTRIC BICYCLES, MOTORIZED SCOOTERS, AND OTHER MOTORIZED MOBILITY DEVICES WITHIN THE VILLAGE; RENAMING OF THE ARTICLE TO "MICROMOBILITY DEVICES" AND PROVIDING FOR THE PROHIBITION AND REGULATION OF SUCH DEVICES; PROVIDING FOR SEVERABILITY; PROVIDING FOR CODIFICATION; PROVIDING FOR CONFLICTS; PROVIDING FOR VILLAGE MANAGER REVIEW AND RECOMMENDATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on June 11, 2024, the Village Council adopted Ordinance 2024-12 prohibiting and regulating the use of electric bicycles, motorized scooters and other motorized mobility devices (the "Devices") on Designated Streets within the Village (the "2024 Ordinance"); and

WHEREAS, as provided in the 2024 Ordinance's whereas clauses, which are incorporated herein by reference, the Village Council adopted temporary or experimental regulations because of special conditions within the Village and the fact that the Devices are incompatible with the normal and safe movement of traffic on the Village's heavily traveled streets; and

WHEREAS, in the 2024 Ordinance, the Village Council also expressed its intent to adopt a minimum age limit for the operation of the electric bicycles and motorized scooters, but pursuant to the advice of the Village Attorney, the Village was limited only to regulating the movement and parking of such devices; and

WHEREAS, in 2025, the Florida Legislature adopted Senate Bill 462 (Chapter 2025-149, Laws of Florida) authorizing local governments, in part, to establish minimum age limits for the operation of electric bicycles and motorized scooters; and

WHEREAS, as a result of the change in law, the Village Council desires to amend its regulations to establish minimum age limits and other regulations for the operation of certain Devices within the Village; and

WHEREAS, the Village Council hereby finds that this Ordinance is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, IT IS HEREBY ORDAINED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:[1]

Section 1. Recitals. That each of the above recitals are true and correct and incorporated herein by this reference.

Section 2. Amendment Chapter 26 of the Village Code, Article V. That Chapter 26 of the Code of Key Biscayne, Florida is hereby amended to read as follows:

ARTICLE V. MICROMOBILITY DEVICES ~~ELECTRIC BICYCLES, MOTORIZED SCOOTERS, AND OTHER MOTORIZED MOBILITY DEVICES~~

***

Sec. 26-61. Legislative intent.

It is the intent of this Article to prohibit or otherwise regulate the use of ~~Electric Bicycles, Motorized Scooters, and other~~ ~~Motorized M~~Micromobility Devices within the Village.

***

Sec. 26-62. Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning.

Bicycle Path. As defined in F.S. § 316.003(6), as amended, a Bicycle Path is any road, path, or way that is open to bicycle travel, which road, path, or way is physically separated from motorized vehicular traffic by an open space or by a barrier and is located either within the highway right-of-way or within an independent right-of-way.

Bicycle Lane. As defined in Section F.S. § 316.003(6), as amended, a Bicycle Lane is any portion of a roadway or highway which is designated by pavement markings and signs for preferential or exclusive use by bicycles.

Designated Streets. All streets within the Village except Crandon Boulevard.

Electric Bicycle. As defined in F.S. § 316.003(23), as amended, an Electric Bicycle is a bicycle or tricycle equipped with fully operable pedals, a seat or saddle for the use of the rider, and an electric motor of less than 750 watts which meets the requirements of one of the following three classifications:

(1) *Class 1 Electric Bicycle* means an electric bicycle equipped with a motor that provides assistance only when the rider is pedaling and that ceases to provide assistance when the electric bicycle reaches the speed of 20 miles per hour.

(2) *Class 2 Electric Bicycle* means an electric bicycle equipped with a motor that may be used exclusively to propel the electric bicycle and that ceases to provide assistance when the electric bicycle reaches the speed of 20 miles per hour.

[1] Coding: ~~Strikethrough words~~ are deletions to the existing words. Underlined words are additions to the existing words. Changes between first and second reading are indicated with highlighted ~~double strikethrough~~ and double underline.

(3) *Class 3 Electric Bicycle* means an electric bicycle equipped with a motor that provides assistance only when the rider is pedaling and that ceases to provide assistance when the electric bicycle reaches the speed of 28 miles per hour.

This term does not include motorized scooters.

~~*Motorized M*~~*Micromobility Devices.* As defined in Section 316.003(41), Florida Statutes, as amended, a Micromobility Device is a motorized transportation device for individual use which is typically 20 to 36 inches in width and 50 pounds or less in weight and which operates at a speed of typically less than 15 miles per hour but no more than 28 miles per hour. This term includes both human powered and nonhuman-powered device such as a bicycle, electric bicycle, motorized scooter, or any other device that is owned by an individual or part of a shared fleet. ~~Any personal device that is powered by a motor with or without a seat or saddle for the use of the rider, which is designed to travel on one or more wheels including, but not limited to, boards, skateboards, skates, hoverboards, or other similar personal mobility devices.~~ This definition shall not include golf carts or a motorized wheelchair or similar mobility device used for mobility purposes by persons with disabilities.

Motorized Scooters. As defined in F.S. § 316.003(48), as amended, a Motorized Scooter is any vehicle or micromobility device that is powered by a motor with or without a seat or saddle for the use of the rider, which is designed to travel on not more than three wheels, and which is not capable of propelling the vehicle at a speed greater than 20 miles per hour on level ground. This term does not include an electric bicycle.

***

Sec. 26-63. Prohibited and Permitted uses.

(a) Prohibited Use.

(i) *Designated Streets, Beaches, Dunes.* Unless otherwise authorized under this Article, all ~~Electric Bicycles, Motorized Scooters, and Motorized M~~Micromobility Devices shall be prohibited from operating on Designated Streets, including streets and highways, sidewalks or sidewalk areas, or upon any bicycle path, multiuse path, or trail network, or over a beach as defined in F.S. § 161.54(3), as amended, or a dune as defined in F.S. § 161.54(4), as amended, under the Village's jurisdiction.

~~(b)~~ (ii) *Crandon Boulevard.* The operation of micromobility devices on Crandon Boulevard, as defined in Section 2-98.3(3) of the Miami-Dade County Code of Ordinances, are subject to the provisions of Section 2-98.3 of the Miami-Dade County Code of Ordinances and any additional regulations agreed to in an interlocal agreement between the Village and Miami-Dade County.

(b) Permitted Use.

(i) Class 1 Electric Bicycles and Motorized Scooters are the only Micromobility Devices permitted to operate on Designated Streets, subject to the following regulations:

(a) Operators must be at least 18 years old; and

(b) Operators must have a government-issued photographic identification.

(c) The provisions of this Article shall not apply to:

(1) Governmental personnel on official business, emergency vehicles, or the use of special mobile equipment for repair or maintenance of public property.

(2) A person with a disability who uses a motorized wheelchair or similar mobility device for mobility purposes.

***

Section 3. Codification. That it is the intention of the Village Council, and it is hereby ordained that the provisions of this Ordinance shall become and be made a part of the Village's Code of Ordinances, and that the sections of this Ordinance may be renumbered or relettered to accomplish such intentions, and that the word Ordinance shall be changed to Section or other appropriate word.

Section 4. Severability. If any section, sentence, clause, or phrase of this Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, then said holding shall in no way affect the validity of the remaining portions of this Ordinance.

Section 5. Conflicts. That all ordinances or parts of ordinances, resolutions or parts of resolutions, in conflict herewith, are repealed to the extent of such conflict.

Section 6. Village Manager Review and Recommendation. Upon one year from adoption of this Ordinance, the Village Manager shall make a recommendation to the Village Council of any modifications to the Ordinance that may be necessary.

Section 7. Effective Date. That this Ordinance shall become effective immediately upon final adoption on second reading.

PASSED on first reading on the _____ day of _____ 2025.

PASSED AND ADOPTED on second reading on the ____ day of _____ 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____

WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

ORDINANCE NO. 2025-_____

AN ORDINANCE OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AMENDING SECTION 2-10, "ADVISORY BOARDS," OF CHAPTER 2 OF THE VILLAGE CODE OF ORDINANCES RELATING TO ADVISORY BOARD ADMINISTRATION AND BOARD MEMBER REQUIREMENTS; PROVIDING FOR SEVERABILITY; PROVIDING FOR CODIFICATION; PROVIDING FOR CONFLICTS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Village Council of the Village of Key Biscayne ("Village") desires to revise provisions relating to advisory board administration and board member requirements for all Village boards created pursuant to Section 2-10, "Advisory Boards" of the Village Code of Ordinances; and

WHEREAS, the Village Council finds that adoption of this Ordinance is in the best interest and welfare of the Village and its residents.

NOW, THEREFORE, BE IT ORDAINED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:[1]

Section 1. Recitals. The above-stated recitals are true and correct and are incorporated herein by this reference.

Section 2. Amending Section 2-10, "Advisory Boards" of the Village Code. That Section 2-10, "Advisory Boards" of the Code of Key Biscayne, Florida, is hereby amended to read as follows:

CHAPTER 2 – ADMINISTRATION

* * *

Article I. – IN GENERAL

* * *

Sec. 2-10. Advisory boards.

* * *

(e) Unless otherwise provided by the ordinance which establishes a specific board, board reports which are presented to the Council shall include the following components:

(1) *Name*. The name of the board making the report, a listing of officers, an attendance table including members and any other person(s) who attended the meetings, all agendas, minutes, staff reports, and any other documents that were reviewed by the board. This information may be complied in a separate document.

[1] Coding: ~~Strikethrough words~~ are deletions to the existing words. Underlined words are additions to the existing words. Changes between first and second reading are indicated with ~~**double strikethrough**~~ and double underline.

(2) *Methodology*. The report shall include a description of the way in which the board undertook its charge.

(3) *Facts found*. The report shall include the facts uncovered or information obtained.

(4) *Recommendations*. The report shall include the recommendations of the board, preferably in a form suitable for framing of a motion for the Village Council to consider.

(5) *Timing of report*. Boards shall submit an annual progress report to the Village Council at the first Council meeting in December of each year. The annual progress report shall include a listing of the boards' work program for the following calendar year. The boards' work program shall be subject to approval by the Village Council. Those boards of limited duration which have completed their work prior to the December timeframe set forth above, shall ~~earlier~~ present their report to the Council once their assigned work has been completed. In addition, ~~the Chairperson or designated member(s) of each~~ upon the Village Council's request, a board shall provide and present a ~~quarterly verbal~~ report to the Village Council ~~which addresses the progress that the board has made in completing the board's work program. The quarterly progress reports shall be presented at the first Village Council meeting in each of the following months: March, June and September. The annual progress report in December shall serve as the progress report for that quarter~~. As background information for ~~the quarterly~~ reports of the board, Village staff shall provide the Village Council with an attendance chart of the board, board agendas, board minutes, the yearly work program of the board, and a list of the accomplishments that the board has achieved during the prior quarter.

(6) *Signatures*. All members of the board who concur with the report must sign the report. The Chairperson may sign the report only if a majority of the members of the board approve the report and authorize the Chairperson to sign. Those members who do not concur with the report shall be listed as dissenting members. The dissenting members may submit their own report(s) in the same format as presented above.

(7) *Resolution*. The board's report may include a proposed resolution for consideration by the Village Council as a vehicle for adopting the recommendations of the board.

* * *

(h) Board members must be residents of the Village who are 18 years of age or older and may only serve on one board.

* * *

Section 3. Severability. That the provisions of this Ordinance are declared to be severable and if any section, sentence, clause or phrase of this Ordinance shall for any reason be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this Ordinance but they shall remain in effect, it being the legislative intent that this Ordinance shall stand notwithstanding the invalidity of any part.

Section 4. Codification. That it is the intention of the Village Council and it is hereby ordained that the provisions of this Ordinance shall become and be made a part of the

Village's Code of Ordinances, and that the sections of this Ordinance may be renumbered or relettered to accomplish such intentions, and that the word Ordinance shall be changed to Section or other appropriate word.

Section 5. Conflicts. That all ordinances or parts of ordinances, resolutions or parts of resolutions, in conflict herewith, are repealed to the extent of such conflict.

Section 6. Effective Date. That this Ordinance shall become effective immediately upon final adoption on second reading.

PASSED on first reading on the _____ day of _____, 2025.

PASSED AND ADOPTED on second reading on the _____ day of _____, 2025.

_____
JOE I. RASCO
MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGALITY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Modification of the Maximum Stormwater Rate

RECOMMENDATION

Recommend the Village Council amend the maximum rate for the Stormwater Utility Fee.

DISCUSSION

Purpose: Increasing the maximum stormwater rate will enable the Village to pursue a $60 million low-interest construction loan through the Florida Department of Environmental Protection's Clean Water State Revolving Fund (CWSRF) program for the Zone 1 portion of the Resilient Infrastructure and Adaptation Plan (RIAP).

This maximum rate adjustment serves **solely to demonstrate the Village's financial capacity to repay the loan and does not constitute an actual fee increase**. Any future changes to actual stormwater rates must be separately approved by the Village Council.

Background: On June 22, 1993, the Village passed Ordinance 93-11 to provide for the collection, storage, treatment and conveyance of stormwater within the Village. Pursuant to Chapter 166 and Section 403 of the Florida Statutes, the Village is authorized to construct, reconstruct, repair, and extend stormwater drainage management systems and to establish just and equitable rates, fees and charges for the services and facilities provided by the stormwater system. The fees have been modified over the years as follows:

Resolution	Date	Monthly Rate / ERU
1993-46	Oct-1993	$ 5.00
2011-04	Mar-2011	$ 8.90
2019-60	Sep-2019	$ 16.90

On December 8, 2020, the Village passed Ordinance 2020-08 amending Section 29-5 of the Village Code to allow the Village to utilize the Uniform Method to levy, collect, and enforce non-

ad valorem assessments pursuant to Section 403.0893(3) as provided for in Section 197.3632 of the Florida Statutes.

On August 24, 2022, The Village passed Ordinance 2022-05 transitioning from an Equivalent Residential Unit ("ERU") methodology for allocating stormwater utility fees among properties in the Village to a two-part allocation methodology (the "Stormwater Ordinance").

The first part of the methodology is for the Base Fee which relates to roadways, sidewalks, and other governmental public areas. This area accounts for 14.34% of the total Impervious Area of the Village. This portion is then apportioned to each parcel based on the estimated number of trips generated by such parcel based on land use, as provided in the Stormwater Ordinance.

With respect to the calculation of the annual Base Fee, there is an estimated total average daily trip generation within the Village of 63,227. The Stormwater Ordinance provides that the average daily trip generation shall be calculated for all Developed Property within the Village as follows:

a. For each Single-Family Residential Property Dwelling Unit the average daily trip generation is 9.43 trips.
b. For each Multifamily Residential Property Dwelling Unit the average daily trip generation is 4.54 trips.
c. For each Non-Residential Developed Property per 1,000 square feet of non-residential building space the average daily trip generation is 21.00 trips.

The second part of the fee is a Parcel fee using impervious square feet area of developed properties because permeability characteristics vary widely among single family, multi-family, and commercial properties. The Parcel Fee is allocated to the areas not relating to roadways, sidewalks, and governmental properties and accounts for 85.66% of the total Impervious Area of the Village. This charge is apportioned to each parcel based on such Developed Property's Impervious Area calculated as set forth in the Stormwater Ordinance

On September 15, 2023, the Village passed Resolution 2023-54, establishing maximum stormwater rates of $10.0075 per trip and $0.2436 per square foot of impervious area.

On June 10, 2025, the Village passed Resolution 2025-21, setting current stormwater rates for fiscal year 2025-26 at $5.0038 per trip and $0.1340 per square foot of impervious area. While these current rates remain 82% below the maximum rates established in Resolution 2023-54, the maximum rates must be increased to **demonstrate adequate revenue capacity** for the requested $60 million construction loan through the Clean Water State Revolving Fund (CWSRF) program.

On July 1, 2025, the Village Council adopted Resolution 2025-25 to declare the Village's intent to increase the maximum fee and declare a public hearing prior to the final adoption of the increased fee.

Justification: The Clean Water State Revolving Fund requires loan applicants to maintain a debt service coverage ratio of at least 115%, meaning net revenues must equal or exceed 115% of annual debt service obligations. Based on projected operational expenses, existing debt service, additional Zone 1 operational costs, and the proposed $60 million construction loan, the Village must increase maximum stormwater rates by to meet CWSRF requirements.

Prepared by: Benjamin Nussbaum, Chief Financial Officer

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AMENDING THE MAXIMUM RATE FOR THE STORMWATER UTILITY FEE RELATING TO THE STORMWATER MANAGEMENT SYSTEM; PROVIDING FOR AUTHORITY, PURPOSE, AND DEFINITIONS; CONFIRMING THE INITIAL RATE RESOLUTION; PROVIDING FOR EQUALIZATION, FILING, AND LIEN ON PROPERTIES TO BE ASSESSED; PROVIDING FOR EFFECT OF ADOPTION OF FINAL ASSESSMENT RESOLUTION; PROVIDING FOR FILING; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on June 22, 1993, the Village Council of the Village of Key Biscayne (the "Village") adopted Ordinance 93-11, establishing the Village's stormwater utility (the "Stormwater Utility"), which is codified in Chapter 29 of the Village's Code of Ordinances (the "Stormwater Ordinance"); and

WHEREAS, the Village collects a Stormwater Utility Fee using the property tax bill as authorized by 197.3632, Florida Statutes (the "Uniform Method"), and the Stormwater Code; and

WHEREAS, on September 15, 2023, the Village Council held a public hearing on and adopted Resolution No. 2023-54 (the "2023 Rate Resolution"), establishing, among other things, the Village's Maximum Rate for the Stormwater Utility Fee, including a maximum rate for the Base Fee and the Parcel Fee (which includes the cost of collection); and

WHEREAS, the Uniform Method provides that any increase in rates above the maximum rate previously established may only be levied after providing for a public hearing on such increase and after providing published and mailed notice of the public hearing to the property owners subject to such increase; and

WHEREAS, on June 10, 2025, the Village Council adopted Resolution No. 2025-21 (the "2025 Rate Resolution"), to increase the annual Stormwater Utility rates for Fiscal Year 2025-26 in an amount not to exceed the Maximum Rates established by the FY 2023 Rate Resolution and approve the

Stormwater Utility Fee Non-Ad Valorem Assessment Roll for Fiscal Year 2025-26 (the "FY 2025 Assessment Roll") attached hereto as Exhibit "A"; and

WHEREAS, on July 1, 2025, the Village Council adopted Resolution No. 2025-26 (the "Initial Rate Resolution"), to declare the Village's intent to increase the maximum Stormwater Utility Fee and declare a public hearing prior to the final adoption of the increased maximum Stormwater Utility Fee rates, including a maximum Base Fee and Parcel Fee; and

WHEREAS, the Final Assessment Roll has heretofore been made available for inspection by the public, as required by the Stormwater Ordinance and the Uniform Collection Act; and

WHEREAS, the Village provided notice of a public hearing relating to this Final Rate Resolution by mail to each person owning property subject to the Stormwater Utility Fee and by publication in a newspaper of general circulation, as shown in the affidavit of mailing and proof of publication attached hereto as Exhibits "A" and "B," respectively; and

WHEREAS, the Village Council held a public hearing on August 19, 2025, to receive and consider the comments and objections of all interested persons regarding the proposed increase to the maximum Stormwater Utility Fee, as required by the Uniform Method and the Stormwater Ordinance; and

WHEREAS, any and all complaints as to the Rate per Trip, the Rate Per Impervious Area, the individual Developed Properties Base Fee and Parcel Fee have been considered by the Village Council meeting for the purpose of considering the equalization of individual assessments; and

WHEREAS, the Village Council desires to adopt this Final Rate Resolution to increase the maximum Stormwater Utility Fee for Fiscal Year 2026-27 and future fiscal years as set forth herein; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals is hereby adopted, confirmed, and incorporated herein.

Section 2. Purpose, Definitions, and Authority.

a. **Purpose.** This Resolution constitutes the Final Rate Resolution required by the Stormwater Ordinance to adopt the increase to the maximum Stormwater Utility Fee.

b. **Definitions.** All capitalized words and terms not otherwise defined herein shall have the meanings set forth in the Stormwater Ordinance.

c. **Authority.** This Final Rate Resolution is adopted pursuant to the provisions of the Stormwater Ordinance, Sections 166.021 and 166.041, Florida Statutes, the Uniform Collection Act, and other applicable provisions of law.

Section 3. Establishing Maximum Stormwater Utility Fees. Having considered all testimony provided at the public hearing and based on the findings and professional reports described in the 2023 Resolution, including the Final Stormwater Fee Report, and the Initial Rate Resolution, the Village Council has determined that it is appropriate, advisable, and in the best interests of the Village, its residents, and property owners, to increase the maximum Stormwater Utility Fee rates for Fiscal Year 2026-27 and future fiscal years as follows:

a. The Base Fee Maximum Rate is hereby established in an amount not to exceed a Per Trip Rate of $16.8126 in order to account for any future escalations in Annual Stormwater Management System Costs.

b. The Parcel Fee Maximum Rate, which includes the cost of collection and early payment discount, is hereby established in an amount not to exceed a Rate Per Impervious Area of

$0.4092 in order to account for any future escalations in Annual Stormwater Management System Costs.

The determinations made by the Village pursuant to Sections 4 and 5 of the 2023 Rate Resolution, as amended by the 2025 Rate Resolution relating to Annual Stormwater Management System Costs, the Base Fee rate, the Parcel Fee rate, and the cost of collection and early payment discount are hereby confirmed and incorporated herein except as amended herein. The levy and imposition of Fiscal Year 2025-26 Base Fees and Parcel Fees as determined by applying the current Rate per Trip and Rate Per Impervious Area assessed against the Developed Properties described in the Final Assessment Roll attached hereto as Exhibit "C" shall be in accordance with the 2023 Rate Resolution, as amended by the 2025 Rate Resolution.

Section 4. Confirmation of Initial Rate Resolution. The Initial Rate Resolution, as modified, amended and supplemented herein, is hereby confirmed.

Section 5. Equalization. Having considered all complaints as to individual Fees, the Village Council has determined that no adjustment or equalization is necessary to provide for a just and fair result.

Section 6. Effect of Adoption of Resolution. The adoption of this Final Rate Resolution shall be the final adjudication of the issues presented (including, but not limited to, the method of apportionment and levy, the maximum rates of the Stormwater Utility Fee, the Final Assessment Roll, and the levy and lien of the Stormwater Utility Fee), unless proper steps shall be initiated in a court of competent jurisdiction within thirty (30) days from the date of adoption of this Resolution.

Section 7. Revisions to Assessments. If any Stormwater Utility Fee made under the provisions of this Final Rate Resolution is either in whole or in part annulled, vacated, or set aside by the judgment of any court, or if the Village Council is satisfied that any such Stormwater Utility Fee is so irregular or defective that the same cannot be enforced or collected, or if the Village Council has

failed to include or omitted any Developed Property or Dwelling Unit with respect to any Multi-family Residential Property on the Final Assessment Roll which property should have been so included, the Village Council may take all necessary steps to impose a new Stormwater Utility Fee against any such property using the Stormwater Management System following as nearly as may be practicable, the provisions of the Stormwater Ordinance and the Uniform Collection Act and in case such second Stormwater Utility Fee is annulled, vacated, or set aside, the Village Council may obtain and impose other Stormwater Utility Fees until a valid Stormwater Utility Fee is imposed.

Section 8. Filing. Upon adoption, this Resolution shall immediately be filed with the Village Clerk, and the Final Assessment Roll shall be filed with the Village Council, Village Clerk and the Miami-Dade Property Appraiser and Tax Collector in the manner provided in the Stormwater Ordinance and the Uniform Collection Act.

Section 9. Conflicts. All Resolutions or parts thereof in conflict herewith are hereby repealed to the extent of such conflict.

Section 10. Severability. The provisions of this resolution are declared to be severable and if any section, sentence, clause or phrase of this resolution shall for any reason be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this resolution but they shall remain in effect, it being the legislative intent that this resolution shall stand notwithstanding the invalidity of any part.

Section 11. Effective Date. This Final Rate Resolution shall take effect immediately upon its passage and adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH, CMC
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

EXHIBIT A

INSERT PROOF OF PUBLICATION



Florida Fish and Wildlife Conservation Commission

Martin County Fire Rescue paramedics watch a loggerhead sea turtle make her way to the ocean after being rescued from being wedged in rocks on House of Refuge Beach on Wednesday.

Martin County firefighters, FWC officers, rescue loggerhead turtle wedged in rocks

BY DAVID GOODHUE
dgoodhue@miamiherald.com

Florida Fish and Wildlife Conservation Commission officers and Martin County firefighters rescued a giant loggerhead sea turtle that became trapped in rocks on the beach earlier this week.

The female reptile, which weighed about 300 pounds, was spotted by a local photographer who was shooting sunrise pictures at House of Refuge Beach in Stuart Wednesday morning, according to an FWC Facebook post.

She called FWC, and officers arrived, as did Martin County Fire Rescue paramedics, the agency said. They were able to lift the large turtle, and she was able to make her way back to the ocean unharmed, the FWC said.

The FWC asks anyone who sees injured wildlife to call the agency's hotline at 888-404-3922 (FWCC).

David Goodhue: 305-923-9728, @DavidGoodhue



GOODHUE, DAVID - MIAMI Miami

A Martin County Fire Rescue paramedic and a Florida Fish and Wildlife Conservation Commission officer lift a large female loggerhead sea turtle from rocks she became wedged in at House of Refuge Beach Wednesday.

'Don't Lie for the Other Guy.' ATF targets straw purchases of guns

BY ISABEL RIVERA
irivera@miamiherald.com

In the year Ashley Perez has worked as a cashier for an indoor gun range, she has witnessed a grim trend that firearm retailers have seen in recent years.

"I had a homeless lady come in. ... She was trying to purchase a gun, but just with dollar bills. ... [Another time] a mother came in to buy her younger son a gun, saying, 'It's for me,' while the son was saying it's for him," the 24-year-old described seeing last summer.

Perez and her team at Top Gun Indoor Range Florida in Kendall identified the pattern in both cases almost instantly. They were tell-tale attempts at straw purchases — buying firearms for people legally prohibited from owning them.

It's a federal crime that could land an a offender a $250,000 fine and a 15-year prison sentence. A 2022 act signed by then-President Joe Biden tacks on 10 more years behind bars if the gun is used to commit a felony, an act of terrorism or a drug-trafficking crime.

In a public campaign, the Bureau of Alcohol, Tobacco, Firearms and Explosives is warning potential straw purchasers about those steep penalties.

"The message behind the campaign is simple: If you're buying a gun for someone who can't legally own one, you are committing a crime," said Florida Department of Law Enforcement Special Agent John Vecchio during a Friday press conference at the gun range. "You're helping potentially arm someone with dangerous intentions."

Vecchio joined the ATF, Miami-Dade Sheriff's Office and National Shooting Sports Foundation at Top Gun to announce the newest iteration of the "Don't Lie for the Other Guy" campaign, which aims to curb the crime.

Next month, South Floridians can expect to see billboards and posters with messaging that includes "Buy a gun for someone who can't and buy yourself 15 years in jail." Listeners of top radio stations and podcasts will hear the same. The 25-year-old, nationwide campaign isn't changing its strategies, but instead focusing on South Florida, which is a magnet for domestic and international gun trafficking.

"The availability of firearms is higher here and the restrictions on sales are a little bit less than they are in some states," explained Rob Cekada, the ATF's deputy director, on why the crime is prevalent in the area. "One of the reasons we picked Miami ... there's a lot of firearms trafficking that begins here and ends up in the Caribbean and also ends up in Mexico as well."

But the real danger behind straw-purchasing, Cekada says, is how it arms South Florida felons and encourages violent crimes.

The deputy director's latest investigation, he shared, is still turning up illegally traded guns at crime scenes that happened in Miami and Margate and are linked to two Florida straw purchasers who bought more than 48 firearms.

A 2024 ATF report confirms the pipeline nationwide, revealing that of the 7,000+ cases between 2017 and 2021 in which firearms were peddled, 60% of the "end users" had at least one prior felony conviction.

"Rarely do we recover a firearm at a crime scene that was purchased by the perpetrator," said Hayden O'Byrne, the United States Attorney for the Southern District of Florida, at the briefing.

He added that retailers such as Top Gun and other federal firearm licensees play a large role in preventing straw purchases, calling them "the first line of defense." FFLs are individuals or businesses allowed to manufacture, import and deal firearms and are required to renew the permit with ATF every three years.

Because Florida gun laws require only federal firearm licensees — not private sellers — to conduct background checks when transferring firearms, employees such as Perez are crucial to preventing the crime.

"We look out for signs, that's the first thing we do. The second we see a person walk through the door, we see the way they stand, the way they're speaking, if they're grabbing their phone too much," she said. "We want our hands [clean], and we want to do it the right way and the legal way."

That's why the "Don't Lie for the Other Guy" campaign is teaching retailers how to identify straw-purchasers.

"This is a two-prong approach," said Joseph Bartozzi, president of the NSSF, which launched the campaign with the ATF in 2000. "Part of it is we help to work with the retailers like this to teach them about how to identify the red flags."

The other half? To warn everyday people unaware of the crime's severity before they make the mistake.

Bartozzi said that though money is a key motivator for those initiating straw purchases, it's not the only one.

Peer pressure and "a sense of loyalty" to family or friends explain why some participate in the crime. Others are emotionally manipulated or threatened with physical harm by those barred from owning guns themselves. .

"It's not just criminal, but even unwitting, law-abiding people that might be caught up with a boyfriend or girlfriend," he said. "We want to make sure everyone understands that it is a crime, even if it's unintentionally related to a crime that's going to be committed later on."



Photo Credit:
Carter Johnston, The New York Times

SUPPORT THE VICTIMS OF THE FLOODS IN TEXAS

Severe flooding in Central Texas has displaced families and affected entire communities. United Way Miami and the Miami Herald/el Nuevo Herald have activated Operation Helping Hands to provide urgent assistance and support long-term recovery.

SUPPORT FLOOD VICTIMS IN TEXAS

YOUR DONATION WILL MAKE A DIFFERENCE.

Donate today.
Scan the QR Code.

Operation Helping Hands
United Way
United Way Miami
Miami Herald
EL NUEVO HERALD

PUBLISHED NOTICE

NOTICE OF PUBLIC HEARING RELATING TO THE

MAXIMUM STORMWATER UTILITY FEES IN THE VILLAGE OF KEY BISCAYNE

Notice is hereby given that the Village Council of the Village of Key Biscayne (the "Village") will hold a public hearing on August 19, 2025, at 6:30 p.m. or as soon as practicable thereafter, during the Village Council Meeting at the Council Chambers located at 560 Crandon Boulevard, Key Biscayne, FL 33149, for the purpose of considering an increase to the Maximum Stormwater Utility Fee that may be collected commencing October 1, 2026, and in subsequent fiscal years. All affected property owners have a right to appear at the hearing and to file written objections with the Village Council within 20 days of this notice.

The purpose of the Stormwater Utility Fee is to fund the planning, construction, operation, and maintenance of the Village Stormwater Management System, which stormwater management system is required pursuant to Section 403.0891, Florida Statutes. The Stormwater Utility Fee is comprised of two components: (A) a Base Fee attributable to the Stormwater Management System for roadways and sidewalks allocated upon a Rate Per Trip basis, and (B) a Parcel Fee based upon the impervious area relating to each developed property.

For Fiscal Year 2025-26, the estimated revenue to be collected within the Village from the Stormwater Utility Fee, is estimated to be $2,435,200.16, of which $348,574.00 is associated with the 15.5% Base Fee and the remaining $2,086,626.16 is associated with the Parcel Fee, including the cost of collection. For future fiscal years, the maximum revenue that may be collected from the proposed Maximum Stormwater Utility Fee is $7,436,720.85 (including cost of collection), of which $1,064,725.15 is associated with the 15.5% Base Fee and the remaining $6,371,995.70 is associated with the Parcel Fee, including the cost of collection.

With respect to the calculation of the FY 2025-26 Base Fee, a Per Trip Rate of $5.5042 shall be imposed. The annual Base Fee is calculated by dividing each property's average daily trip generation. In order to provide for any escalation in Annual Stormwater Management System Costs for any future Fiscal Years, a Base Fee Maximum Rate is proposed in an amount not to exceed a Per Trip Rate of $16.8126.

With respect to the calculation of the FY 2025-26 Parcel Fee, a Rate Per Impervious Area of $0.1340, which includes the cost of collection, shall be imposed. The Parcel Fee to be collected is based upon the impervious area for each developed property. In order to provide for any escalation in Annual Stormwater Management System Costs for any future Fiscal Years, a Parcel Fee Maximum Rate, which includes the cost of collection, is proposed in an amount not to exceed a Rate Per Impervious Area of $0.4092.

Annual Stormwater Utility Fees are collected by the Miami-Dade County Tax Collector through the tax bill to be mailed in November 2025 and subsequent years pursuant to Section 197.3632, Florida Statutes and Section 29-5 of the Village Code of Ordinance. Failure to pay the fee will cause a tax certificate to be issued against the property which may result in a loss of title.

Pursuant to Section 286.0105, Florida Statutes, if you decide to appeal any decision made by the Village Council with respect to any matter considered at the hearing or at any subsequent meeting to which the Village Council has continued its deliberations, you will need a record of the proceedings and may need to ensure that a verbatim record is made, including the testimony and evidence upon which the appeal is to be made. In accordance with the Americans with Disabilities Act, persons needing a special accommodation or an interpreter to participate in this proceeding should contact the Village Clerk, at (305)365-5506 at least seven days prior to the hearing.

Unless proper steps are initiated in a court of competent jurisdiction to secure relief within 20 days from the date of Village Council action at the above hearing, such action shall be the final adjudication of the issues presented. If you have any questions, please contact the Village Clerk's Office at 305-365-5506.

MAP OF AREA



VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA

EXHIBIT B
AFFIDAVIT OF MAILING

McClatchy

The Beaufort Gazette
The Belleville News-Democrat
Bellingham Herald
Centre Daily Times
Sun Herald
Idaho Statesman
Bradenton Herald
The Charlotte Observer
The State
Ledger-Enquirer
Durham | The Herald-Sun
Fort Worth Star-Telegram
The Fresno Bee
The Island Packet
The Kansas City Star
Lexington Herald-Leader
The Telegraph - Macon
Merced Sun-Star
Miami Herald
El Nuevo Herald
The Modesto Bee
The Sun News - Myrtle Beach
Raleigh News & Observer
Rock Hill | The Herald
The Sacramento Bee
San Luis Obispo Tribune
Tacoma | The News Tribune
Tri-City Herald
The Wichita Eagle
The Olympian

AFFIDAVIT OF PUBLICATION

Account #	Order Number	Identification	Order PO	Cols	Depth
42701		Legal Ad - IPL0255945	Stormwater Maximum Rate Increase ad	3.0	222.0L

ATTENTION: VILLAGE OF KEY BISCAYNE IP
88 W MCINTYRE ST
KEY BISCAYNE, FL 33149-1846
payables@keybiscayne.fl.gov

PUBLISHED DAILY
MIAMI-DADE-FLORIDA

STATE OF FLORIDA
COUNTY OF MIAMI-DADE

Before the undersigned authority personally appeared, the undersigned, who on oath says that he/she is Custodian of Records of The The Miami Herald, a newspaper published in Miami Dade County, Florida, that the attached was published on the publicly accessible website of The Miami Herald or by print In the issues and dates listed below.

Affiant further Says that the said Miami Herald website or newspaper complies with all legal requirements for publication in chapter 50, Florida Statutes.

1.0 insertion(s) published on:
07/22/25 Print

Print Tearsheet Link

Marketplace Link

Mary Castro

DIGITALLY SIGNED

Mary Castro

Russ Cage Davis

DIGITALLY SIGNED

Sworn to and subscribed before me on Jul 22, 2025, 1:35 PM EDT

NOTARY PUBLIC STATE OF TEXAS
RUSS CAGE DAVIS
ELECTRONIC NOTARY PUBLIC
STATE OF TEXAS
COMMISSION # 135512448
MY COMMISSION EXPIRES 4/24/2029

Online Notary Public. This notarial act involved the use of online audio/video communication technology. Notarization facilitated by SIGNiX®

PUBLISHED NOTICE

NOTICE OF PUBLIC HEARING RELATING TO THE

MAXIMUM STORMWATER UTILITY FEES IN THE VILLAGE OF KEY BISCAYNE

Notice is hereby given that the Village Council of the Village of Key Biscayne (the "Village") will hold a public hearing on August 19, 2025, at 6:30 p.m. or as soon as practicable thereafter, during the Village Council Meeting at the Council Chambers located at 560 Crandon Boulevard, Key Biscayne, FL 33149, for the purpose of considering an increase to the Maximum Stormwater Utility Fee that may be collected commencing October 1, 2026, and in subsequent fiscal years. All affected property owners have a right to appear at the hearing and to file written objections with the Village Council within 20 days of this notice.

The purpose of the Stormwater Utility Fee is to fund the planning, construction, operation, and maintenance of the Village Stormwater Management System, which stormwater management system is required pursuant to Section 403.0891, Florida Statutes. The Stormwater Utility Fee is comprised of two components: (A) a Base Fee attributable to the Stormwater Management System for roadways and sidewalks allocated upon a Rate Per Trip basis, and (B) a Parcel Fee based upon the impervious area relating to each developed property.

For Fiscal Year 2025-26, the estimated revenue to be collected within the Village from the Stormwater Utility Fee, is estimated to be $2,435,200.16, of which $348,574.00 is associated with the 15.5% Base Fee and the remaining $2,086,626.16 is associated with the Parcel Fee, including the cost of collection. For future fiscal years, the maximum revenue that may be collected from the proposed Maximum Stormwater Utility Fee is $7,436,720.85 (including cost of collection), of which $1,064,725.15 is associated with the 15.5% Base Fee and the remaining $6,371,995.70 is associated with the Parcel Fee, including the cost of collection.

With respect to the calculation of the FY 2025-26 Base Fee, a Per Trip Rate of $5.5042 shall be imposed. The annual Base Fee is calculated by dividing each property's average daily trip generation. In order to provide for any escalation in Annual Stormwater Management System Costs for any future Fiscal Years, a Base Fee Maximum Rate is proposed in an amount not to exceed a Per Trip Rate of $16.8126.

With respect to the calculation of the FY 2025-26 Parcel Fee, a Rate Per Impervious Area of $0.1340, which includes the cost of collection, shall be imposed. The Parcel Fee to be collected is based upon the impervious area for each developed property. In order to provide for any escalation in Annual Stormwater Management System Costs for any future Fiscal Years, a Parcel Fee Maximum Rate, which includes the cost of collection, is proposed in an amount not to exceed a Rate Per Impervious Area of $0.4092.

Annual Stormwater Utility Fees are collected by the Miami-Dade County Tax Collector through the tax bill to be mailed in November 2025 and subsequent years pursuant to Section 197.3632, Florida Statutes and Section 29-5 of the Village Code of Ordinance. Failure to pay the fee will cause a tax certificate to be issued against the property which may result in a loss of title.

Pursuant to Section 286.0105, Florida Statutes, if you decide to appeal any decision made by the Village Council with respect to any matter considered at the hearing or at any subsequent meeting to which the Village Council has continued its deliberations, you will need a record of the proceedings and may need to ensure that a verbatim record is made, including the testimony and evidence upon which the appeal is to be made. In accordance with the Americans with Disabilities Act, persons needing a special accommodation or an interpreter to participate in this proceeding should contact the Village Clerk, at (305)365-5506 at least seven days prior to the hearing.

Unless proper steps are initiated in a court of competent jurisdiction to secure relief within 20 days from the date of Village Council action at the above hearing, such action shall be the final adjudication of the issues presented. If you have any questions, please contact the Village Clerk's Office at 305-365-5506.

MAP OF AREA



VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA

EXHIBIT C
DEVELOPED PROPERTY INFORMATION
FOR FINAL ASSESSMENT ROLL

A copy of the Final Assessment Roll is on file with the Office of the Village Clerk and open to public inspection.

Final Assessment Roll - Link to Document

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320062950	9.43	4,644	158.54	1,900.32	2,058.86
2452050010640	9.43	4,488	158.54	1,836.49	1,995.03
2442320161710	4.54	609	76.33	249.20	325.53
2442320181200	4.54	859	76.33	351.50	427.83
2442320230160	4.54	1,243	76.33	508.64	584.97
2452040120060	4.54	2,378	76.33	973.08	1,049.41
2452040140310	4.54	2,609	76.33	1,067.60	1,143.93
2452050220250	4.54	1,093	76.33	447.26	523.59
2452050530520	4.54	586	76.33	239.79	316.12
2442320020220	9.43	5,709	158.54	2,336.12	2,494.66
2442320020221	9.43	5,651	158.54	2,312.39	2,470.93
2442320020223	9.43	5,933	158.54	2,427.78	2,586.32
2442320020230	9.43	7,897	158.54	3,231.45	3,389.99
2442320020240	9.43	14,146	158.54	5,788.54	5,947.08
2442320020250	9.43	13,907	158.54	5,690.74	5,849.28
2442320020260	9.43	9,409	158.54	3,850.16	4,008.70
2442320020261	9.43	15,965	158.54	6,532.88	6,691.42
2442320020264	9.43	9,280	158.54	3,797.38	3,955.92
2442320020270	9.43	10,786	158.54	4,413.63	4,572.17
2442320020281	9.43	15,730	158.54	6,436.72	6,595.26
2442320020282	9.43	14,983	158.54	6,131.04	6,289.58
2442320030010	9.43	4,697	158.54	1,922.01	2,080.55
2442320030020	9.43	8,019	158.54	3,281.37	3,439.91
2442320030030	9.43	6,611	158.54	2,705.22	2,863.76
2442320030040	9.43	5,270	158.54	2,156.48	2,315.02
2442320030050	9.43	5,530	158.54	2,262.88	2,421.42
2442320030060	9.43	4,557	158.54	1,864.72	2,023.26
2442320030070	9.43	5,274	158.54	2,158.12	2,316.66
2442320030080	9.43	6,504	158.54	2,661.44	2,819.98
2442320030090	9.43	7,301	158.54	2,987.57	3,146.11
2442320030100	9.43	6,677	158.54	2,732.23	2,890.77
2442320030110	9.43	7,727	158.54	3,161.89	3,320.43
2442320030120	9.43	5,014	158.54	2,051.73	2,210.27
2442320030130	9.43	5,178	158.54	2,118.84	2,277.38
2442320030140	9.43	5,879	158.54	2,405.69	2,564.23
2442320030150	9.43	5,929	158.54	2,426.15	2,584.69
2442320030160	9.43	4,892	158.54	2,001.81	2,160.35
2442320030170	9.43	6,478	158.54	2,650.80	2,809.34
2442320030180	9.43	5,990	158.54	2,451.11	2,609.65
2442320030190	9.43	4,125	158.54	1,687.95	1,846.49
2442320030200	9.43	7,191	158.54	2,942.56	3,101.10
2442320030210	9.43	7,477	158.54	3,059.59	3,218.13
2442320030220	9.43	6,761	158.54	2,766.60	2,925.14
2442320030230	9.43	6,969	158.54	2,851.71	3,010.25
2442320030240	9.43	6,621	158.54	2,709.31	2,867.85
2442320030250	9.43	6,889	158.54	2,818.98	2,977.52
2442320030270	9.43	7,018	158.54	2,871.77	3,030.31
2442320030280	9.43	6,758	158.54	2,765.37	2,923.91
2442320030290	9.43	6,835	158.54	2,796.88	2,955.42
2442320030300	9.43	7,572	158.54	3,098.46	3,257.00
2442320030310	9.43	15,231	158.54	6,232.53	6,391.07

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320030330	9.43		3,438	158.54	1,406.83	1,565.37
2442320030340	9.43		6,306	158.54	2,580.42	2,738.96
2442320030350	9.43		6,276	158.54	2,568.14	2,726.68
2442320030360	9.43		5,566	158.54	2,277.61	2,436.15
2442320030370	9.43		7,069	158.54	2,892.63	3,051.17
2442320030380	9.43		6,332	158.54	2,591.05	2,749.59
2442320030390	9.43		4,978	158.54	2,037.00	2,195.54
2442320030400	9.43		6,420	158.54	2,627.06	2,785.60
2442320030410	9.43		5,949	158.54	2,434.33	2,592.87
2442320030420	9.43		6,502	158.54	2,660.62	2,819.16
2442320030430	9.43		5,723	158.54	2,341.85	2,500.39
2442320030440	9.43		5,859	158.54	2,397.50	2,556.04
2442320030450	9.43		7,976	158.54	3,263.78	3,422.32
2442320030460	9.43		5,328	158.54	2,180.22	2,338.76
2442320030470	9.43		6,245	158.54	2,555.45	2,713.99
2442320030480	9.43		7,184	158.54	2,939.69	3,098.23
2442320030490	9.43		5,833	158.54	2,386.86	2,545.40
2442320030500	9.43		4,724	158.54	1,933.06	2,091.60
2442320030510	9.43		6,796	158.54	2,780.92	2,939.46
2442320030520	9.43		6,603	158.54	2,701.95	2,860.49
2442320030530	9.43		6,230	158.54	2,549.32	2,707.86
2442320030540	9.43		5,016	158.54	2,052.55	2,211.09
2442320030550	9.43		5,640	158.54	2,307.89	2,466.43
2442320030560	9.43		7,163	158.54	2,931.10	3,089.64
2442320040010	9.43		4,585	158.54	1,876.18	2,034.72
2442320040020	9.43		4,361	158.54	1,784.52	1,943.06
2442320040030	9.43		4,302	158.54	1,760.38	1,918.92
2442320040040	9.43		4,414	158.54	1,806.21	1,964.75
2442320040050	9.43		4,442	158.54	1,817.67	1,976.21
2442320040060	9.43		4,130	158.54	1,690.00	1,848.54
2442320040080	9.43		4,226	158.54	1,729.28	1,887.82
2442320040090	9.43		3,727	158.54	1,525.09	1,683.63
2442320040100	9.43		1,690	158.54	691.55	850.09
2442320040110	9.43		4,170	158.54	1,706.36	1,864.90
2442320040120	9.43		4,695	158.54	1,921.19	2,079.73
2442320040130	9.43		3,850	158.54	1,575.42	1,733.96
2442320040140	9.43		4,687	158.54	1,917.92	2,076.46
2442320040150	9.43		4,377	158.54	1,791.07	1,949.61
2442320040160	9.43		2,800	158.54	1,145.76	1,304.30
2442320040170	9.43		5,019	158.54	2,053.77	2,212.31
2442320040180	9.43		4,820	158.54	1,972.34	2,130.88
2442320040190	9.43		4,448	158.54	1,820.12	1,978.66
2442320040200	9.43		5,168	158.54	2,114.75	2,273.29
2442320040210	9.43		3,908	158.54	1,599.15	1,757.69
2442320040220	9.43		6,238	158.54	2,552.59	2,711.13
2442320040230	9.43		4,332	158.54	1,772.65	1,931.19
2442320040240	9.43		3,583	158.54	1,466.16	1,624.70
2442320040250	9.43		2,607	158.54	1,066.78	1,225.32
2442320040260	9.43		4,040	158.54	1,653.17	1,811.71
2442320040270	9.43		4,515	158.54	1,847.54	2,006.08
2442320040280	9.43		3,966	158.54	1,622.89	1,781.43

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320040290	9.43		3,904	158.54	1,597.52	1,756.06
2442320040300	9.43		2,914	158.54	1,192.41	1,350.95
2442320040310	9.43		3,576	158.54	1,463.30	1,621.84
2442320040320	9.43		2,456	158.54	1,005.00	1,163.54
2442320040330	9.43		5,887	158.54	2,408.96	2,567.50
2442320040340	9.43		6,535	158.54	2,674.12	2,832.66
2442320040350	9.43		4,969	158.54	2,033.31	2,191.85
2442320040360	9.43		4,080	158.54	1,669.54	1,828.08
2442320040370	9.43		4,314	158.54	1,765.29	1,923.83
2442320040380	9.43		3,915	158.54	1,602.02	1,760.56
2442320040390	9.43		4,982	158.54	2,038.63	2,197.17
2442320040400	9.43		4,076	158.54	1,667.90	1,826.44
2442320040410	9.43		3,822	158.54	1,563.96	1,722.50
2442320040420	9.43		3,839	158.54	1,570.92	1,729.46
2442320040430	9.43		4,468	158.54	1,828.31	1,986.85
2442320040440	9.43		4,981	158.54	2,038.23	2,196.77
2442320040450	9.43		4,976	158.54	2,036.18	2,194.72
2442320040460	9.43		5,739	158.54	2,348.40	2,506.94
2442320040470	9.43		4,189	158.54	1,714.14	1,872.68
2442320040480	9.43		4,809	158.54	1,967.84	2,126.38
2442320040490	9.43		3,839	158.54	1,570.92	1,729.46
2442320040500	9.43		4,784	158.54	1,957.61	2,116.15
2442320040510	9.43		3,979	158.54	1,628.21	1,786.75
2442320040520	9.43		4,598	158.54	1,881.50	2,040.04
2442320040530	9.43		4,200	158.54	1,718.64	1,877.18
2442320040540	9.43		4,218	158.54	1,726.01	1,884.55
2442320040560	9.43		5,947	158.54	2,433.51	2,592.05
2442320040570	9.43		5,021	158.54	2,054.59	2,213.13
2442320040580	9.43		4,042	158.54	1,653.99	1,812.53
2442320040590	9.43		2,813	158.54	1,151.08	1,309.62
2442320040600	9.43		4,239	158.54	1,734.60	1,893.14
2442320040610	9.43		3,600	158.54	1,473.12	1,631.66
2442320040620	9.43		4,746	158.54	1,942.06	2,100.60
2442320040630	9.43		4,324	158.54	1,769.38	1,927.92
2442320040640	9.43		2,513	158.54	1,028.32	1,186.86
2442320040650	9.43		4,712	158.54	1,928.15	2,086.69
2442320040660	9.43		4,851	158.54	1,985.03	2,143.57
2442320040670	9.43		5,149	158.54	2,106.97	2,265.51
2442320040680	9.43		5,478	158.54	2,241.60	2,400.14
2442320040690	9.43		3,975	158.54	1,626.57	1,785.11
2442320040700	9.43		3,905	158.54	1,597.93	1,756.47
2442320040710	9.43		4,175	158.54	1,708.41	1,866.95
2442320040720	9.43		2,852	158.54	1,167.04	1,325.58
2442320040730	9.43		3,580	158.54	1,464.94	1,623.48
2442320040740	9.43		3,798	158.54	1,554.14	1,712.68
2442320040750	9.43		2,566	158.54	1,050.01	1,208.55
2442320040760	9.43		4,058	158.54	1,660.53	1,819.07
2442320040780	9.43		5,092	158.54	2,083.65	2,242.19
2442320040790	9.43		4,501	158.54	1,841.81	2,000.35
2442320040800	9.43		4,950	158.54	2,025.54	2,184.08
2442320040810	9.43		5,407	158.54	2,212.54	2,371.08

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320040820	9.43	5,219	158.54	2,135.61	2,294.15
2442320040830	9.43	4,406	158.54	1,802.94	1,961.48
2442320040840	9.43	4,930	158.54	2,017.36	2,175.90
2442320040850	9.43	4,871	158.54	1,993.21	2,151.75
2442320040860	9.43	3,343	158.54	1,367.96	1,526.50
2442320040870	9.43	5,003	158.54	2,047.23	2,205.77
2442320040880	9.43	3,703	158.54	1,515.27	1,673.81
2442320040890	9.43	4,050	158.54	1,657.26	1,815.80
2442320040900	9.43	3,856	158.54	1,577.88	1,736.42
2442320040910	9.43	4,226	158.54	1,729.28	1,887.82
2442320040920	9.43	4,186	158.54	1,712.91	1,871.45
2442320040930	9.43	4,073	158.54	1,666.67	1,825.21
2442320040940	9.43	3,239	158.54	1,325.40	1,483.94
2442320040950	9.43	3,472	158.54	1,420.74	1,579.28
2442320040960	9.43	2,871	158.54	1,174.81	1,333.35
2442320040970	9.43	2,907	158.54	1,189.54	1,348.08
2442320040980	9.43	4,275	158.54	1,749.33	1,907.87
2442320040990	9.43	4,318	158.54	1,766.93	1,925.47
2442320041000	9.43	4,271	158.54	1,747.69	1,906.23
2442320041010	9.43	5,015	158.54	2,052.14	2,210.68
2442320041020	9.43	4,639	158.54	1,898.28	2,056.82
2442320041030	9.43	4,007	158.54	1,639.66	1,798.20
2442320041040	9.43	4,483	158.54	1,834.44	1,992.98
2442320041050	9.43	4,264	158.54	1,744.83	1,903.37
2442320041060	9.43	4,278	158.54	1,750.56	1,909.10
2442320041070	9.43	3,945	158.54	1,614.29	1,772.83
2442320041090	9.43	5,115	158.54	2,093.06	2,251.60
2442320041100	9.43	4,772	158.54	1,952.70	2,111.24
2442320041110	9.43	4,574	158.54	1,871.68	2,030.22
2442320041120	9.43	4,078	158.54	1,668.72	1,827.26
2442320041130	9.43	3,376	158.54	1,381.46	1,540.00
2442320041140	9.43	4,352	158.54	1,780.84	1,939.38
2442320041150	9.43	4,877	158.54	1,995.67	2,154.21
2442320041170	9.43	4,100	158.54	1,677.72	1,836.26
2442320041180	9.43	3,416	158.54	1,397.83	1,556.37
2442320041190	9.43	4,489	158.54	1,836.90	1,995.44
2442320041200	9.43	4,095	158.54	1,675.67	1,834.21
2442320041210	9.43	4,720	158.54	1,931.42	2,089.96
2442320041220	9.43	3,132	158.54	1,281.61	1,440.15
2442320041221	9.43	2,333	158.54	954.66	1,113.20
2442320041230	9.43	2,661	158.54	1,088.88	1,247.42
2442320041231	9.43	2,974	158.54	1,216.96	1,375.50
2442320041270	4.54	3,267	76.33	1,336.86	1,413.19
2442320041290	4.54	4,138	76.33	1,693.27	1,769.60
2442320041300	4.54	3,099	76.33	1,268.11	1,344.44
2442320041320	9.43	6,182	158.54	2,529.67	2,688.21
2442320050010	9.43	4,217	158.54	1,725.60	1,884.14
2442320050020	9.43	5,716	158.54	2,338.99	2,497.53
2442320050030	9.43	5,337	158.54	2,183.90	2,342.44
2442320050040	9.43	4,508	158.54	1,844.67	2,003.21
2442320050050	9.43	3,797	158.54	1,553.73	1,712.27

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320050060	9.43	4,783	158.54	1,957.20	2,115.74
2442320050070	9.43	5,097	158.54	2,085.69	2,244.23
2442320050080	9.43	5,120	158.54	2,095.10	2,253.64
2442320050090	9.43	3,788	158.54	1,550.05	1,708.59
2442320050100	9.43	5,590	158.54	2,287.43	2,445.97
2442320050110	9.43	5,023	158.54	2,055.41	2,213.95
2442320050120	9.43	4,209	158.54	1,722.32	1,880.86
2442320050130	9.43	4,902	158.54	2,005.90	2,164.44
2442320050140	9.43	2,902	158.54	1,187.50	1,346.04
2442320050150	9.43	5,184	158.54	2,121.29	2,279.83
2442320050160	9.43	4,736	158.54	1,937.97	2,096.51
2442320050170	9.43	4,734	158.54	1,937.15	2,095.69
2442320050180	9.43	4,082	158.54	1,670.35	1,828.89
2442320050190	9.43	4,113	158.54	1,683.04	1,841.58
2442320050200	9.43	4,445	158.54	1,818.89	1,977.43
2442320050210	9.43	3,781	158.54	1,547.19	1,705.73
2442320050220	9.43	4,552	158.54	1,862.68	2,021.22
2442320050230	9.43	4,980	158.54	2,037.82	2,196.36
2442320050240	9.43	4,981	158.54	2,038.23	2,196.77
2442320050250	9.43	5,338	158.54	2,184.31	2,342.85
2442320050260	9.43	3,792	158.54	1,551.69	1,710.23
2442320050270	9.43	4,131	158.54	1,690.41	1,848.95
2442320050280	9.43	5,538	158.54	2,266.15	2,424.69
2442320050290	9.43	4,750	158.54	1,943.70	2,102.24
2442320050300	9.43	4,257	158.54	1,741.96	1,900.50
2442320050310	9.43	4,200	158.54	1,718.64	1,877.18
2442320050320	9.43	4,978	158.54	2,037.00	2,195.54
2442320050330	9.43	3,186	158.54	1,303.71	1,462.25
2442320050340	9.43	4,711	158.54	1,927.74	2,086.28
2442320050350	9.43	3,376	158.54	1,381.46	1,540.00
2442320050360	9.43	4,075	158.54	1,667.49	1,826.03
2442320050370	9.43	3,276	158.54	1,340.54	1,499.08
2442320050380	9.43	5,319	158.54	2,176.53	2,335.07
2442320050390	9.43	4,346	158.54	1,778.38	1,936.92
2442320050400	9.43	3,233	158.54	1,322.94	1,481.48
2442320050410	9.43	3,606	158.54	1,475.58	1,634.12
2442320050420	9.43	2,364	158.54	967.35	1,125.89
2442320050430	9.43	3,952	158.54	1,617.16	1,775.70
2442320050440	9.43	4,061	158.54	1,661.76	1,820.30
2442320050450	9.43	3,661	158.54	1,498.08	1,656.62
2442320050460	9.43	3,844	158.54	1,572.96	1,731.50
2442320050470	9.43	4,337	158.54	1,774.70	1,933.24
2442320050480	9.43	3,851	158.54	1,575.83	1,734.37
2442320050490	9.43	4,744	158.54	1,941.24	2,099.78
2442320050500	9.43	5,133	158.54	2,100.42	2,258.96
2442320050510	9.43	4,481	158.54	1,833.63	1,992.17
2442320050520	9.43	5,542	158.54	2,267.79	2,426.33
2442320050530	9.43	4,709	158.54	1,926.92	2,085.46
2442320050540	9.43	4,694	158.54	1,920.78	2,079.32
2442320050550	9.43	5,081	158.54	2,079.15	2,237.69
2442320050560	9.43	4,017	158.54	1,643.76	1,802.30

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320050570	9.43	3,100	158.54	1,268.52	1,427.06
2442320050580	9.43	4,386	158.54	1,794.75	1,953.29
2442320050590	9.43	4,011	158.54	1,641.30	1,799.84
2442320050600	9.43	4,091	158.54	1,674.04	1,832.58
2442320050610	9.43	4,281	158.54	1,751.79	1,910.33
2442320050620	9.43	4,495	158.54	1,839.35	1,997.89
2442320050630	9.43	2,639	158.54	1,079.88	1,238.42
2442320050640	9.43	4,770	158.54	1,951.88	2,110.42
2442320050650	9.43	4,134	158.54	1,691.63	1,850.17
2442320050660	9.43	3,056	158.54	1,250.52	1,409.06
2442320050670	9.43	3,056	158.54	1,250.52	1,409.06
2442320050680	9.43	4,534	158.54	1,855.31	2,013.85
2442320050690	9.43	5,313	158.54	2,174.08	2,332.62
2442320050700	9.43	4,763	158.54	1,949.02	2,107.56
2442320050710	9.43	2,366	158.54	968.17	1,126.71
2442320050720	9.43	6,357	158.54	2,601.28	2,759.82
2442320050730	9.43	6,641	158.54	2,717.50	2,876.04
2442320050740	9.43	5,833	158.54	2,386.86	2,545.40
2442320050750	9.43	5,352	158.54	2,190.04	2,348.58
2442320050760	9.43	4,217	158.54	1,725.60	1,884.14
2442320050770	9.43	5,296	158.54	2,167.12	2,325.66
2442320050780	9.43	8,746	158.54	3,578.86	3,737.40
2442320060040	9.43	6,356	158.54	2,600.88	2,759.42
2442320060050	9.43	13,578	158.54	5,556.12	5,714.66
2442320060060	9.43	12,492	158.54	5,111.73	5,270.27
2442320060070	9.43	14,872	158.54	6,085.62	6,244.16
2442320060080	9.43	10,405	158.54	4,257.73	4,416.27
2442320060090	9.43	15,025	158.54	6,148.23	6,306.77
2442320060100	9.43	15,046	158.54	6,156.82	6,315.36
2442320060110	9.43	10,268	158.54	4,201.67	4,360.21
2442320060120	9.43	8,762	158.54	3,585.41	3,743.95
2442320060130	9.43	11,410	158.54	4,668.97	4,827.51
2442320060140	9.43	8,995	158.54	3,680.75	3,839.29
2442320060150	9.43	11,428	158.54	4,676.34	4,834.88
2442320060160	9.43	10,294	158.54	4,212.30	4,370.84
2442320060170	9.43	11,375	158.54	4,654.65	4,813.19
2442320060180	9.43	12,798	158.54	5,236.94	5,395.48
2442320060190	9.43	7,280	158.54	2,978.98	3,137.52
2442320060200	9.43	10,869	158.54	4,447.59	4,606.13
2442320060210	9.43	9,135	158.54	3,738.04	3,896.58
2442320060230	9.43	6,552	158.54	2,681.08	2,839.62
2442320060240	9.43	2,699	158.54	1,104.43	1,262.97
2442320060250	9.43	4,370	158.54	1,788.20	1,946.74
2442320060260	9.43	3,265	158.54	1,336.04	1,494.58
2442320060270	9.43	2,962	158.54	1,212.05	1,370.59
2442320060280	9.43	3,234	158.54	1,323.35	1,481.89
2442320060290	9.43	5,259	158.54	2,151.98	2,310.52
2442320060300	9.43	4,812	158.54	1,969.07	2,127.61
2442320060310	9.43	4,407	158.54	1,803.34	1,961.88
2442320060320	9.43	2,091	158.54	855.64	1,014.18
2442320060330	9.43	4,106	158.54	1,680.18	1,838.72

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320060340	9.43	3,931	158.54	1,608.57	1,767.11
2442320060350	9.43	4,067	158.54	1,664.22	1,822.76
2442320060360	9.43	6,048	158.54	2,474.84	2,633.38
2442320060380	9.43	4,391	158.54	1,796.80	1,955.34
2442320060400	9.43	4,686	158.54	1,917.51	2,076.05
2442320060410	9.43	4,480	158.54	1,833.22	1,991.76
2442320060420	9.43	4,201	158.54	1,719.05	1,877.59
2442320060430	9.43	4,275	158.54	1,749.33	1,907.87
2442320060440	9.43	4,859	158.54	1,988.30	2,146.84
2442320060450	9.43	5,669	158.54	2,319.75	2,478.29
2442320060460	9.43	4,934	158.54	2,018.99	2,177.53
2442320060470	9.43	4,824	158.54	1,973.98	2,132.52
2442320060480	9.43	3,956	158.54	1,618.80	1,777.34
2442320060490	9.43	4,832	158.54	1,977.25	2,135.79
2442320060500	9.43	4,982	158.54	2,038.63	2,197.17
2442320060510	9.43	4,234	158.54	1,732.55	1,891.09
2442320060520	9.43	4,556	158.54	1,864.32	2,022.86
2442320060530	9.43	5,975	158.54	2,444.97	2,603.51
2442320060540	9.43	4,513	158.54	1,846.72	2,005.26
2442320060550	9.43	5,070	158.54	2,074.64	2,233.18
2442320060560	9.43	4,001	158.54	1,637.21	1,795.75
2442320060580	9.43	4,466	158.54	1,827.49	1,986.03
2442320060590	9.43	2,269	158.54	928.47	1,087.01
2442320060600	9.43	3,873	158.54	1,584.83	1,743.37
2442320060610	9.43	4,346	158.54	1,778.38	1,936.92
2442320060620	9.43	4,376	158.54	1,790.66	1,949.20
2442320060630	9.43	4,053	158.54	1,658.49	1,817.03
2442320060640	9.43	5,119	158.54	2,094.69	2,253.23
2442320060650	9.43	5,148	158.54	2,106.56	2,265.10
2442320060660	9.43	3,081	158.54	1,260.75	1,419.29
2442320060670	9.43	2,075	158.54	849.09	1,007.63
2442320060680	9.43	4,192	158.54	1,715.37	1,873.91
2442320060690	9.43	2,309	158.54	944.84	1,103.38
2442320060700	9.43	5,342	158.54	2,185.95	2,344.49
2442320060710	9.43	4,856	158.54	1,987.08	2,145.62
2442320060720	9.43	4,916	158.54	2,011.63	2,170.17
2442320060730	9.43	4,601	158.54	1,882.73	2,041.27
2442320060740	9.43	3,109	158.54	1,272.20	1,430.74
2442320060750	9.43	2,820	158.54	1,153.94	1,312.48
2442320060760	9.43	4,574	158.54	1,871.68	2,030.22
2442320060770	9.43	4,765	158.54	1,949.84	2,108.38
2442320060780	9.43	3,546	158.54	1,451.02	1,609.56
2442320060790	9.43	2,364	158.54	967.35	1,125.89
2442320060800	9.43	4,077	158.54	1,668.31	1,826.85
2442320060820	9.43	4,855	158.54	1,986.67	2,145.21
2442320060830	9.43	5,021	158.54	2,054.59	2,213.13
2442320060840	9.43	2,139	158.54	875.28	1,033.82
2442320060845	9.43	2,675	158.54	1,094.61	1,253.15
2442320060850	9.43	2,803	158.54	1,146.99	1,305.53
2442320060870	9.43	3,523	158.54	1,441.61	1,600.15
2442320060880	9.43	5,579	158.54	2,282.93	2,441.47

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320060940	9.43	4,577	158.54	1,872.91	2,031.45
2442320060950	9.43	4,033	158.54	1,650.30	1,808.84
2442320060960	9.43	4,159	158.54	1,701.86	1,860.40
2442320060970	9.43	4,555	158.54	1,863.91	2,022.45
2442320060980	9.43	3,330	158.54	1,362.64	1,521.18
2442320060990	9.43	4,352	158.54	1,780.84	1,939.38
2442320061000	9.43	5,267	158.54	2,155.26	2,313.80
2442320061010	9.43	4,688	158.54	1,918.33	2,076.87
2442320061020	9.43	2,377	158.54	972.67	1,131.21
2442320061030	9.43	5,063	158.54	2,071.78	2,230.32
2442320061040	9.43	2,838	158.54	1,161.31	1,319.85
2442320061050	9.43	5,501	158.54	2,251.01	2,409.55
2442320061060	9.43	6,732	158.54	2,754.73	2,913.27
2442320061070	9.43	4,065	158.54	1,663.40	1,821.94
2442320061080	9.43	3,261	158.54	1,334.40	1,492.94
2442320061090	9.43	3,550	158.54	1,452.66	1,611.20
2442320061100	9.43	2,944	158.54	1,204.68	1,363.22
2442320061110	9.43	4,344	158.54	1,777.56	1,936.10
2442320061120	9.43	4,174	158.54	1,708.00	1,866.54
2442320061130	9.43	3,560	158.54	1,456.75	1,615.29
2442320061140	9.43	4,911	158.54	2,009.58	2,168.12
2442320061150	9.43	3,914	158.54	1,601.61	1,760.15
2442320061160	9.43	4,938	158.54	2,020.63	2,179.17
2442320061170	9.43	3,663	158.54	1,498.90	1,657.44
2442320061180	9.43	4,831	158.54	1,976.85	2,135.39
2442320061190	9.43	3,435	158.54	1,405.60	1,564.14
2442320061200	9.43	4,884	158.54	1,998.53	2,157.07
2442320061210	9.43	4,239	158.54	1,734.60	1,893.14
2442320061220	9.43	3,842	158.54	1,572.15	1,730.69
2442320061230	9.43	3,880	158.54	1,587.70	1,746.24
2442320061240	9.43	4,903	158.54	2,006.31	2,164.85
2442320061250	9.43	4,518	158.54	1,848.77	2,007.31
2442320061260	9.43	4,899	158.54	2,004.67	2,163.21
2442320061270	9.43	2,744	158.54	1,122.84	1,281.38
2442320061280	9.43	4,431	158.54	1,813.17	1,971.71
2442320061300	9.43	5,588	158.54	2,286.61	2,445.15
2442320061310	9.43	7,110	158.54	2,909.41	3,067.95
2442320061320	9.43	5,139	158.54	2,102.88	2,261.42
2442320061330	9.43	4,737	158.54	1,938.38	2,096.92
2442320061340	9.43	4,294	158.54	1,757.10	1,915.64
2442320061350	9.43	4,142	158.54	1,694.91	1,853.45
2442320061360	9.43	3,966	158.54	1,622.89	1,781.43
2442320061370	9.43	4,620	158.54	1,890.50	2,049.04
2442320061380	9.43	4,683	158.54	1,916.28	2,074.82
2442320061390	9.43	3,505	158.54	1,434.25	1,592.79
2442320061400	9.43	3,783	158.54	1,548.00	1,706.54
2442320061410	9.43	4,366	158.54	1,786.57	1,945.11
2442320061420	9.43	4,513	158.54	1,846.72	2,005.26
2442320061430	9.43	4,872	158.54	1,993.62	2,152.16
2442320061440	9.43	4,989	158.54	2,041.50	2,200.04
2442320061450	9.43	2,403	158.54	983.31	1,141.85

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320061460	9.43	3,912	158.54	1,600.79	1,759.33
2442320061470	9.43	4,149	158.54	1,697.77	1,856.31
2442320061480	9.43	3,496	158.54	1,430.56	1,589.10
2442320061490	9.43	5,162	158.54	2,112.29	2,270.83
2442320061500	9.43	3,784	158.54	1,548.41	1,706.95
2442320061510	9.43	3,739	158.54	1,530.00	1,688.54
2442320061520	9.43	4,318	158.54	1,766.93	1,925.47
2442320061530	9.43	4,538	158.54	1,856.95	2,015.49
2442320061540	9.43	5,029	158.54	2,057.87	2,216.41
2442320061550	9.43	3,731	158.54	1,526.73	1,685.27
2442320061560	9.43	5,241	158.54	2,144.62	2,303.16
2442320061570	9.43	3,364	158.54	1,376.55	1,535.09
2442320061580	9.43	4,730	158.54	1,935.52	2,094.06
2442320061590	9.43	4,102	158.54	1,678.54	1,837.08
2442320061600	9.43	3,762	158.54	1,539.41	1,697.95
2442320061610	9.43	4,449	158.54	1,820.53	1,979.07
2442320061620	9.43	5,260	158.54	2,152.39	2,310.93
2442320061630	9.43	5,471	158.54	2,238.73	2,397.27
2442320061640	9.43	3,326	158.54	1,361.00	1,519.54
2442320061650	9.43	5,452	158.54	2,230.96	2,389.50
2442320061660	9.43	4,792	158.54	1,960.89	2,119.43
2442320061670	9.43	4,764	158.54	1,949.43	2,107.97
2442320061680	9.43	4,936	158.54	2,019.81	2,178.35
2442320061690	9.43	4,135	158.54	1,692.04	1,850.58
2442320061700	9.43	4,388	158.54	1,795.57	1,954.11
2442320061710	9.43	4,480	158.54	1,833.22	1,991.76
2442320061720	9.43	5,057	158.54	2,069.32	2,227.86
2442320061730	9.43	5,693	158.54	2,329.58	2,488.12
2442320061740	9.43	4,718	158.54	1,930.61	2,089.15
2442320061750	9.43	4,486	158.54	1,835.67	1,994.21
2442320061760	9.43	4,145	158.54	1,696.13	1,854.67
2442320061770	9.43	4,302	158.54	1,760.38	1,918.92
2442320061780	9.43	3,604	158.54	1,474.76	1,633.30
2442320061790	9.43	3,714	158.54	1,519.77	1,678.31
2442320061800	9.43	4,770	158.54	1,951.88	2,110.42
2442320061810	9.43	3,791	158.54	1,551.28	1,709.82
2442320061820	9.43	4,346	158.54	1,778.38	1,936.92
2442320061830	9.43	4,611	158.54	1,886.82	2,045.36
2442320061840	9.43	2,601	158.54	1,064.33	1,222.87
2442320061850	9.43	4,742	158.54	1,940.43	2,098.97
2442320061860	9.43	4,961	158.54	2,030.04	2,188.58
2442320061870	9.43	4,623	158.54	1,891.73	2,050.27
2442320061880	9.43	3,886	158.54	1,590.15	1,748.69
2442320061890	9.43	5,414	158.54	2,215.41	2,373.95
2442320061900	9.43	4,262	158.54	1,744.01	1,902.55
2442320061910	9.43	4,356	158.54	1,782.48	1,941.02
2442320061920	9.43	4,497	158.54	1,840.17	1,998.71
2442320061930	9.43	4,846	158.54	1,982.98	2,141.52
2442320061940	9.43	4,706	158.54	1,925.70	2,084.24
2442320061950	9.43	5,018	158.54	2,053.37	2,211.91
2442320061960	9.43	4,892	158.54	2,001.81	2,160.35

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320061970	9.43		4,106	158.54	1,680.18	1,838.72
2442320061980	9.43		4,892	158.54	2,001.81	2,160.35
2442320061990	9.43		4,548	158.54	1,861.04	2,019.58
2442320062000	9.43		4,650	158.54	1,902.78	2,061.32
2442320062010	9.43		4,249	158.54	1,738.69	1,897.23
2442320062020	9.43		4,672	158.54	1,911.78	2,070.32
2442320062030	9.43		5,386	158.54	2,203.95	2,362.49
2442320062040	9.43		5,692	158.54	2,329.17	2,487.71
2442320062050	9.43		6,459	158.54	2,643.02	2,801.56
2442320062060	9.43		4,504	158.54	1,843.04	2,001.58
2442320062070	9.43		5,198	158.54	2,127.02	2,285.56
2442320062080	9.43		4,718	158.54	1,930.61	2,089.15
2442320062090	9.43		4,568	158.54	1,869.23	2,027.77
2442320062100	9.43		4,422	158.54	1,809.48	1,968.02
2442320062110	9.43		5,274	158.54	2,158.12	2,316.66
2442320062120	9.43		5,798	158.54	2,372.54	2,531.08
2442320062130	9.43		6,448	158.54	2,638.52	2,797.06
2442320062140	9.43		5,368	158.54	2,196.59	2,355.13
2442320062150	9.43		3,901	158.54	1,596.29	1,754.83
2442320062160	9.43		4,694	158.54	1,920.78	2,079.32
2442320062170	9.43		3,431	158.54	1,403.97	1,562.51
2442320062180	9.43		4,957	158.54	2,028.40	2,186.94
2442320062190	9.43		4,749	158.54	1,943.29	2,101.83
2442320062200	9.43		4,364	158.54	1,785.75	1,944.29
2442320062210	9.43		3,792	158.54	1,551.69	1,710.23
2442320062220	9.43		3,740	158.54	1,530.41	1,688.95
2442320062230	9.43		5,986	158.54	2,449.47	2,608.01
2442320062240	9.43		4,641	158.54	1,899.10	2,057.64
2442320062250	9.43		3,826	158.54	1,565.60	1,724.14
2442320062260	9.43		3,228	158.54	1,320.90	1,479.44
2442320062270	9.43		3,753	158.54	1,535.73	1,694.27
2442320062280	9.43		3,456	158.54	1,414.20	1,572.74
2442320062290	9.43		4,735	158.54	1,937.56	2,096.10
2442320062300	9.43		4,246	158.54	1,737.46	1,896.00
2442320062320	9.43		4,539	158.54	1,857.36	2,015.90
2442320062330	9.43		4,712	158.54	1,928.15	2,086.69
2442320062350	9.43		4,591	158.54	1,878.64	2,037.18
2442320062360	9.43		5,383	158.54	2,202.72	2,361.26
2442320062380	9.43		5,065	158.54	2,072.60	2,231.14
2442320062390	9.43		4,522	158.54	1,850.40	2,008.94
2442320062410	9.43		4,198	158.54	1,717.82	1,876.36
2442320062420	9.43		3,930	158.54	1,608.16	1,766.70
2442320062430	9.43		4,703	158.54	1,924.47	2,083.01
2442320062440	9.43		5,408	158.54	2,212.95	2,371.49
2442320062450	9.43		4,038	158.54	1,652.35	1,810.89
2442320062460	9.43		4,194	158.54	1,716.18	1,874.72
2442320062470	9.43		5,799	158.54	2,372.95	2,531.49
2442320062480	9.43		5,042	158.54	2,063.19	2,221.73
2442320062490	9.43		5,382	158.54	2,202.31	2,360.85
2442320062500	9.43		5,477	158.54	2,241.19	2,399.73
2442320062510	9.43		4,761	158.54	1,948.20	2,106.74

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320062520	9.43		4,103	158.54	1,678.95	1,837.49
2442320062530	9.43		4,313	158.54	1,764.88	1,923.42
2442320062540	9.43		4,853	158.54	1,985.85	2,144.39
2442320062550	9.43		4,369	158.54	1,787.79	1,946.33
2442320062560	9.43		5,365	158.54	2,195.36	2,353.90
2442320062570	9.43		4,856	158.54	1,987.08	2,145.62
2442320062580	9.43		5,445	158.54	2,228.09	2,386.63
2442320062590	9.43		4,488	158.54	1,836.49	1,995.03
2442320062600	9.43		4,485	158.54	1,835.26	1,993.80
2442320062610	9.43		4,092	158.54	1,674.45	1,832.99
2442320062620	9.43		4,690	158.54	1,919.15	2,077.69
2442320062630	9.43		4,522	158.54	1,850.40	2,008.94
2442320062640	9.43		4,837	158.54	1,979.30	2,137.84
2442320062650	9.43		4,443	158.54	1,818.08	1,976.62
2442320062660	9.43		5,419	158.54	2,217.45	2,375.99
2442320062670	9.43		4,798	158.54	1,963.34	2,121.88
2442320062680	9.43		4,143	158.54	1,695.32	1,853.86
2442320062690	9.43		3,772	158.54	1,543.50	1,702.04
2442320062700	9.43		3,539	158.54	1,448.16	1,606.70
2442320062710	9.43		4,608	158.54	1,885.59	2,044.13
2442320062720	9.43		5,366	158.54	2,195.77	2,354.31
2442320062730	9.43		6,122	158.54	2,505.12	2,663.66
2442320062740	9.43		4,759	158.54	1,947.38	2,105.92
2442320062750	9.43		5,129	158.54	2,098.79	2,257.33
2442320062760	9.43		5,602	158.54	2,292.34	2,450.88
2442320062770	9.43		4,283	158.54	1,752.60	1,911.14
2442320062780	9.43		3,891	158.54	1,592.20	1,750.74
2442320062790	9.43		7,918	158.54	3,240.05	3,398.59
2442320062810	9.43		4,349	158.54	1,779.61	1,938.15
2442320062820	9.43		5,449	158.54	2,229.73	2,388.27
2442320062830	9.43		2,971	158.54	1,215.73	1,374.27
2442320062840	9.43		4,229	158.54	1,730.51	1,889.05
2442320062850	9.43		4,654	158.54	1,904.42	2,062.96
2442320062860	9.43		4,852	158.54	1,985.44	2,143.98
2442320062870	9.43		4,697	158.54	1,922.01	2,080.55
2442320062880	9.43		4,356	158.54	1,782.48	1,941.02
2442320062890	9.43		4,740	158.54	1,939.61	2,098.15
2442320062900	9.43		5,604	158.54	2,293.16	2,451.70
2442320062910	9.43		3,763	158.54	1,539.82	1,698.36
2442320062920	9.43		4,871	158.54	1,993.21	2,151.75
2442320062930	9.43		3,721	158.54	1,522.63	1,681.17
2442320062940	9.43		4,644	158.54	1,900.32	2,058.86
2442320062960	9.43		4,093	158.54	1,674.86	1,833.40
2442320062970	9.43		4,413	158.54	1,805.80	1,964.34
2442320062980	9.43		3,864	158.54	1,581.15	1,739.69
2442320062990	9.43		4,898	158.54	2,004.26	2,162.80
2442320063000	9.43		3,682	158.54	1,506.67	1,665.21
2442320063010	9.43		6,038	158.54	2,470.75	2,629.29
2442320063020	9.43		6,328	158.54	2,589.42	2,747.96
2442320063030	9.43		5,486	158.54	2,244.87	2,403.41
2442320063040	9.43		4,282	158.54	1,752.19	1,910.73

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320063050	9.43	5,113	158.54	2,092.24	2,250.78
2442320063060	9.43	4,686	158.54	1,917.51	2,076.05
2442320063070	9.43	4,603	158.54	1,883.55	2,042.09
2442320063080	9.43	3,853	158.54	1,576.65	1,735.19
2442320063090	9.43	4,405	158.54	1,802.53	1,961.07
2442320063100	9.43	3,863	158.54	1,580.74	1,739.28
2442320063110	9.43	3,917	158.54	1,602.84	1,761.38
2442320063120	9.43	4,332	158.54	1,772.65	1,931.19
2442320063130	9.43	5,151	158.54	2,107.79	2,266.33
2442320063140	9.43	4,313	158.54	1,764.88	1,923.42
2442320063150	9.43	5,962	158.54	2,439.65	2,598.19
2442320063160	9.43	4,972	158.54	2,034.54	2,193.08
2442320063170	9.43	4,864	158.54	1,990.35	2,148.89
2442320063180	9.43	5,615	158.54	2,297.66	2,456.20
2442320063190	9.43	4,415	158.54	1,806.62	1,965.16
2442320063200	9.43	4,180	158.54	1,710.46	1,869.00
2442320063210	9.43	4,438	158.54	1,816.03	1,974.57
2442320063220	9.43	4,627	158.54	1,893.37	2,051.91
2442320063230	9.43	4,441	158.54	1,817.26	1,975.80
2442320063240	9.43	3,574	158.54	1,462.48	1,621.02
2442320063250	9.43	4,762	158.54	1,948.61	2,107.15
2442320063260	9.43	4,040	158.54	1,653.17	1,811.71
2442320063270	9.43	4,762	158.54	1,948.61	2,107.15
2442320063280	9.43	4,364	158.54	1,785.75	1,944.29
2442320063290	9.43	4,644	158.54	1,900.32	2,058.86
2442320063300	9.43	4,889	158.54	2,000.58	2,159.12
2442320063310	9.43	5,525	158.54	2,260.83	2,419.37
2442320063320	9.43	4,064	158.54	1,662.99	1,821.53
2442320063330	9.43	3,319	158.54	1,358.13	1,516.67
2442320063340	9.43	4,293	158.54	1,756.70	1,915.24
2442320063350	9.43	5,622	158.54	2,300.52	2,459.06
2442320063360	9.43	4,989	158.54	2,041.50	2,200.04
2442320063370	9.43	3,501	158.54	1,432.61	1,591.15
2442320063380	9.43	5,864	158.54	2,399.55	2,558.09
2442320063390	9.43	4,046	158.54	1,655.62	1,814.16
2442320063400	9.43	4,008	158.54	1,640.07	1,798.61
2442320063410	9.43	4,623	158.54	1,891.73	2,050.27
2442320063420	9.43	5,858	158.54	2,397.09	2,555.63
2442320063440	9.43	5,533	158.54	2,264.10	2,422.64
2442320063450	9.43	5,857	158.54	2,396.68	2,555.22
2442320063460	9.43	3,820	158.54	1,563.14	1,721.68
2442320063470	9.43	4,082	158.54	1,670.35	1,828.89
2442320063480	9.43	3,800	158.54	1,554.96	1,713.50
2442320063490	9.43	4,255	158.54	1,741.15	1,899.69
2442320063500	9.43	4,446	158.54	1,819.30	1,977.84
2442320063510	9.43	4,268	158.54	1,746.47	1,905.01
2442320063520	9.43	4,280	158.54	1,751.38	1,909.92
2442320063530	9.43	4,397	158.54	1,799.25	1,957.79
2442320070010	9.43	10,064	158.54	4,118.19	4,276.73
2442320070020	9.43	25,147	158.54	10,290.15	10,448.69
2442320070040	9.43	9,815	158.54	4,016.30	4,174.84

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320070050	9.43	13,987	158.54	5,723.48	5,882.02
2442320070060	9.43	16,072	158.54	6,576.66	6,735.20
2442320070070	9.43	11,041	158.54	4,517.98	4,676.52
2442320070080	9.43	8,207	158.54	3,358.30	3,516.84
2442320260010	9.43	7,993	158.54	3,270.74	3,429.28
2442320270010	4.54	2,022	76.33	827.40	903.73
2442320270020	4.54	2,022	76.33	827.40	903.73
2442320280010	4.54	2,604	76.33	1,065.56	1,141.89
2442320280020	4.54	2,604	76.33	1,065.56	1,141.89
2442320300010	4.54	2,242	76.33	917.43	993.76
2442320300020	4.54	2,242	76.33	917.43	993.76
2442320310010	9.43	4,404	158.54	1,802.12	1,960.66
2442320320020	9.43	4,154	158.54	1,699.82	1,858.36
2442320900010	4.54	2,089	76.33	854.82	931.15
2442320900020	4.54	2,037	76.33	833.54	909.87
2452050010130	9.43	5,043	158.54	2,063.60	2,222.14
2452050010150	9.43	3,092	158.54	1,265.25	1,423.79
2452050010160	9.43	5,082	158.54	2,079.55	2,238.09
2452050010180	4.54	3,386	76.33	1,385.55	1,461.88
2452050010210	9.43	2,973	158.54	1,216.55	1,375.09
2452050010230	9.43	5,049	158.54	2,066.05	2,224.59
2452050010240	9.43	5,249	158.54	2,147.89	2,306.43
2452050010250	9.43	4,560	158.54	1,865.95	2,024.49
2452050010260	9.43	4,276	158.54	1,749.74	1,908.28
2452050010270	9.43	4,315	158.54	1,765.70	1,924.24
2452050010280	9.43	4,622	158.54	1,891.32	2,049.86
2452050010290	9.43	4,091	158.54	1,674.04	1,832.58
2452050010300	9.43	4,464	158.54	1,826.67	1,985.21
2452050010310	9.43	4,142	158.54	1,694.91	1,853.45
2452050010320	9.43	4,716	158.54	1,929.79	2,088.33
2452050010330	9.43	5,009	158.54	2,049.68	2,208.22
2452050010340	9.43	4,955	158.54	2,027.59	2,186.13
2452050010350	9.43	5,009	158.54	2,049.68	2,208.22
2452050010360	9.43	4,868	158.54	1,991.99	2,150.53
2452050010370	9.43	5,079	158.54	2,078.33	2,236.87
2452050010380	9.43	5,347	158.54	2,187.99	2,346.53
2452050010390	9.43	4,647	158.54	1,901.55	2,060.09
2452050010400	9.43	4,947	158.54	2,024.31	2,182.85
2452050010410	9.43	5,810	158.54	2,377.45	2,535.99
2452050010420	9.43	5,855	158.54	2,395.87	2,554.41
2452050010430	9.43	4,372	158.54	1,789.02	1,947.56
2452050010440	9.43	4,895	158.54	2,003.03	2,161.57
2452050010450	9.43	4,125	158.54	1,687.95	1,846.49
2452050010460	9.43	3,398	158.54	1,390.46	1,549.00
2452050010470	9.43	4,343	158.54	1,777.16	1,935.70
2452050010480	9.43	4,423	158.54	1,809.89	1,968.43
2452050010490	9.43	4,488	158.54	1,836.49	1,995.03
2452050010500	9.43	4,645	158.54	1,900.73	2,059.27
2452050010520	9.43	4,060	158.54	1,661.35	1,819.89
2452050010530	9.43	4,501	158.54	1,841.81	2,000.35
2452050010540	9.43	3,757	158.54	1,537.36	1,695.90

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050010550	9.43	4,369	158.54	1,787.79	1,946.33
2452050010560	9.43	4,603	158.54	1,883.55	2,042.09
2452050010570	9.43	4,426	158.54	1,811.12	1,969.66
2452050010580	9.43	3,780	158.54	1,546.78	1,705.32
2452050010590	9.43	4,433	158.54	1,813.98	1,972.52
2452050010600	9.43	5,252	158.54	2,149.12	2,307.66
2452050010610	9.43	4,638	158.54	1,897.87	2,056.41
2452050010620	9.43	4,800	158.54	1,964.16	2,122.70
2452050010630	9.43	4,488	158.54	1,836.49	1,995.03
2452050010650	9.43	4,625	158.54	1,892.55	2,051.09
2452050010660	9.43	4,648	158.54	1,901.96	2,060.50
2452050010670	9.43	4,959	158.54	2,029.22	2,187.76
2452050010680	9.43	4,552	158.54	1,862.68	2,021.22
2452050010690	9.43	3,407	158.54	1,394.14	1,552.68
2452050010700	9.43	5,073	158.54	2,075.87	2,234.41
2452050010710	9.43	4,672	158.54	1,911.78	2,070.32
2452050010720	9.43	4,865	158.54	1,990.76	2,149.30
2452050010730	9.43	5,276	158.54	2,158.94	2,317.48
2452050010740	9.43	4,625	158.54	1,892.55	2,051.09
2452050010750	9.43	3,826	158.54	1,565.60	1,724.14
2452050010770	9.43	4,374	158.54	1,789.84	1,948.38
2452050010780	9.43	4,860	158.54	1,988.71	2,147.25
2452050010790	9.43	5,068	158.54	2,073.83	2,232.37
2452050010800	9.43	4,805	158.54	1,966.21	2,124.75
2452050010810	9.43	3,726	158.54	1,524.68	1,683.22
2452050010820	9.43	4,508	158.54	1,844.67	2,003.21
2452050010830	9.43	6,398	158.54	2,618.06	2,776.60
2452050010840	9.43	4,047	158.54	1,656.03	1,814.57
2452050010850	9.43	4,092	158.54	1,674.45	1,832.99
2452050010860	9.43	4,408	158.54	1,803.75	1,962.29
2452050010870	9.43	4,511	158.54	1,845.90	2,004.44
2452050010880	9.43	4,117	158.54	1,684.68	1,843.22
2452050010890	9.43	3,343	158.54	1,367.96	1,526.50
2452050010900	9.43	5,612	158.54	2,296.43	2,454.97
2452050010910	9.43	4,110	158.54	1,681.81	1,840.35
2452050010920	9.43	5,626	158.54	2,302.16	2,460.70
2452050010930	9.43	4,639	158.54	1,898.28	2,056.82
2452050010940	9.43	5,078	158.54	2,077.92	2,236.46
2452050010950	9.43	4,891	158.54	2,001.40	2,159.94
2452050010960	9.43	4,216	158.54	1,725.19	1,883.73
2452050010970	9.43	4,677	158.54	1,913.83	2,072.37
2452050010980	9.43	4,018	158.54	1,644.17	1,802.71
2452050010990	9.43	4,748	158.54	1,942.88	2,101.42
2452050011010	9.43	5,339	158.54	2,184.72	2,343.26
2452050011020	9.43	3,822	158.54	1,563.96	1,722.50
2452050011030	9.43	5,955	158.54	2,436.79	2,595.33
2452050011040	9.43	5,622	158.54	2,300.52	2,459.06
2452050011050	9.43	4,824	158.54	1,973.98	2,132.52
2452050011060	9.43	3,987	158.54	1,631.48	1,790.02
2452050011070	9.43	3,259	158.54	1,333.58	1,492.12
2452050011080	9.43	3,394	158.54	1,388.82	1,547.36

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050011090	9.43	4,103	158.54	1,678.95	1,837.49
2452050011100	9.43	4,142	158.54	1,694.91	1,853.45
2452050011110	9.43	4,594	158.54	1,879.86	2,038.40
2452050011120	9.43	4,478	158.54	1,832.40	1,990.94
2452050011130	9.43	5,015	158.54	2,052.14	2,210.68
2452050011140	9.43	6,859	158.54	2,806.70	2,965.24
2452050011150	9.43	4,853	158.54	1,985.85	2,144.39
2452050011160	9.43	4,262	158.54	1,744.01	1,902.55
2452050011170	9.43	4,075	158.54	1,667.49	1,826.03
2452050011180	9.43	4,237	158.54	1,733.78	1,892.32
2452050011190	9.43	3,210	158.54	1,313.53	1,472.07
2452050011200	9.43	4,117	158.54	1,684.68	1,843.22
2452050011210	9.43	4,001	158.54	1,637.21	1,795.75
2452050011230	9.43	9,661	158.54	3,953.28	4,111.82
2452050011240	9.43	2,941	158.54	1,203.46	1,362.00
2452050011250	9.43	4,556	158.54	1,864.32	2,022.86
2452050011260	9.43	4,435	158.54	1,814.80	1,973.34
2452050011270	9.43	4,907	158.54	2,007.94	2,166.48
2452050011280	9.43	4,660	158.54	1,906.87	2,065.41
2452050011290	9.43	3,970	158.54	1,624.52	1,783.06
2452050011300	9.43	4,096	158.54	1,676.08	1,834.62
2452050011310	9.43	3,729	158.54	1,525.91	1,684.45
2452050011320	9.43	3,357	158.54	1,373.68	1,532.22
2452050011330	9.43	6,233	158.54	2,550.54	2,709.08
2452050011340	9.43	2,601	158.54	1,064.33	1,222.87
2452050011350	9.43	5,147	158.54	2,106.15	2,264.69
2452050011360	9.43	5,913	158.54	2,419.60	2,578.14
2452050011370	9.43	2,653	158.54	1,085.61	1,244.15
2452050011380	9.43	4,188	158.54	1,713.73	1,872.27
2452050011390	9.43	5,190	158.54	2,123.75	2,282.29
2452050011400	9.43	6,634	158.54	2,714.63	2,873.17
2452050011410	9.43	3,611	158.54	1,477.62	1,636.16
2452050011420	9.43	6,535	158.54	2,674.12	2,832.66
2452050011430	9.43	5,373	158.54	2,198.63	2,357.17
2452050011440	9.43	4,701	158.54	1,923.65	2,082.19
2452050011450	9.43	4,194	158.54	1,716.18	1,874.72
2452050011460	9.43	4,197	158.54	1,717.41	1,875.95
2452050011470	9.43	3,028	158.54	1,239.06	1,397.60
2452050011480	9.43	4,812	158.54	1,969.07	2,127.61
2452050011500	9.43	4,168	158.54	1,705.55	1,864.09
2452050011510	9.43	2,885	158.54	1,180.54	1,339.08
2452050011520	9.43	3,370	158.54	1,379.00	1,537.54
2452050011530	9.43	4,005	158.54	1,638.85	1,797.39
2452050011540	9.43	4,632	158.54	1,895.41	2,053.95
2452050011550	9.43	3,378	158.54	1,382.28	1,540.82
2452050011560	9.43	4,331	158.54	1,772.25	1,930.79
2452050011570	9.43	3,249	158.54	1,329.49	1,488.03
2452050011580	9.43	5,353	158.54	2,190.45	2,348.99
2452050011590	9.43	4,679	158.54	1,914.65	2,073.19
2452050011600	9.43	4,348	158.54	1,779.20	1,937.74
2452050011610	9.43	4,875	158.54	1,994.85	2,153.39

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050011620	9.43	5,382	158.54	2,202.31	2,360.85
2452050011630	9.43	5,185	158.54	2,121.70	2,280.24
2452050011640	9.43	3,397	158.54	1,390.05	1,548.59
2452050011650	9.43	5,936	158.54	2,429.01	2,587.55
2452050011660	9.43	4,502	158.54	1,842.22	2,000.76
2452050011670	9.43	4,522	158.54	1,850.40	2,008.94
2452050011680	9.43	3,617	158.54	1,480.08	1,638.62
2452050011690	9.43	4,298	158.54	1,758.74	1,917.28
2452050011700	9.43	5,557	158.54	2,273.92	2,432.46
2452050011710	9.43	5,549	158.54	2,270.65	2,429.19
2452050011720	9.43	5,226	158.54	2,138.48	2,297.02
2452050011730	9.43	4,530	158.54	1,853.68	2,012.22
2452050011740	9.43	4,372	158.54	1,789.02	1,947.56
2452050011750	9.43	3,362	158.54	1,375.73	1,534.27
2452050011760	9.43	3,890	158.54	1,591.79	1,750.33
2452050011770	9.43	4,832	158.54	1,977.25	2,135.79
2452050011780	9.43	4,203	158.54	1,719.87	1,878.41
2452050011790	9.43	3,687	158.54	1,508.72	1,667.26
2452050011800	9.43	4,550	158.54	1,861.86	2,020.40
2452050011810	9.43	3,405	158.54	1,393.33	1,551.87
2452050011820	9.43	5,311	158.54	2,173.26	2,331.80
2452050011830	9.43	4,682	158.54	1,915.87	2,074.41
2452050011840	9.43	4,714	158.54	1,928.97	2,087.51
2452050011850	9.43	3,684	158.54	1,507.49	1,666.03
2452050011860	9.43	1,725	158.54	705.87	864.41
2452050011870	9.43	3,919	158.54	1,603.65	1,762.19
2452050011880	9.43	4,347	158.54	1,778.79	1,937.33
2452050011890	9.43	5,308	158.54	2,172.03	2,330.57
2452050011900	9.43	5,100	158.54	2,086.92	2,245.46
2452050011910	9.43	4,703	158.54	1,924.47	2,083.01
2452050011920	9.43	3,318	158.54	1,357.73	1,516.27
2452050011930	9.43	2,361	158.54	966.12	1,124.66
2452050011940	9.43	3,406	158.54	1,393.74	1,552.28
2452050011950	9.43	3,306	158.54	1,352.82	1,511.36
2452050011960	9.43	3,940	158.54	1,612.25	1,770.79
2452050011970	9.43	3,249	158.54	1,329.49	1,488.03
2452050011980	9.43	4,693	158.54	1,920.38	2,078.92
2452050011990	9.43	1,946	158.54	796.30	954.84
2452050012000	9.43	5,117	158.54	2,093.88	2,252.42
2452050012010	9.43	5,078	158.54	2,077.92	2,236.46
2452050012020	9.43	4,175	158.54	1,708.41	1,866.95
2452050012030	9.43	4,318	158.54	1,766.93	1,925.47
2452050012040	9.43	4,646	158.54	1,901.14	2,059.68
2452050012050	58.43	1,625	982.28	664.75	1,647.03
2452050012060	9.43	4,844	158.54	1,982.16	2,140.70
2452050012070	9.43	5,289	158.54	2,164.26	2,322.80
2452050012080	9.43	5,329	158.54	2,180.63	2,339.17
2452050012090	9.43	3,305	158.54	1,352.41	1,510.95
2452050012100	9.43	5,682	158.54	2,325.07	2,483.61
2452050012110	9.43	4,023	158.54	1,646.21	1,804.75
2452050012120	9.43	2,970	158.54	1,215.32	1,373.86

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050012130	9.43	4,944	158.54	2,023.08	2,181.62
2452050012140	9.43	3,774	158.54	1,544.32	1,702.86
2452050012150	9.43	4,682	158.54	1,915.87	2,074.41
2452050012160	9.43	4,394	158.54	1,798.02	1,956.56
2452050012180	9.43	4,667	158.54	1,909.74	2,068.28
2452050012190	9.43	3,830	158.54	1,567.24	1,725.78
2452050012200	9.43	5,195	158.54	2,125.79	2,284.33
2452050012210	9.43	3,971	158.54	1,624.93	1,783.47
2452050012220	9.43	5,033	158.54	2,059.50	2,218.04
2452050012230	9.43	4,920	158.54	2,013.26	2,171.80
2452050012240	9.43	4,410	158.54	1,804.57	1,963.11
2452050012250	9.43	3,166	158.54	1,295.53	1,454.07
2452050012260	9.43	4,868	158.54	1,991.99	2,150.53
2452050012270	9.43	4,263	158.54	1,744.42	1,902.96
2452050012280	9.43	3,328	158.54	1,361.82	1,520.36
2452050012290	9.43	4,741	158.54	1,940.02	2,098.56
2452050012300	9.43	4,761	158.54	1,948.20	2,106.74
2452050012310	9.43	4,756	158.54	1,946.16	2,104.70
2452050012320	9.43	4,774	158.54	1,953.52	2,112.06
2452050012330	9.43	4,082	158.54	1,670.35	1,828.89
2452050012340	9.43	5,287	158.54	2,163.44	2,321.98
2452050012350	9.43	4,148	158.54	1,697.36	1,855.90
2452050012360	9.43	4,955	158.54	2,027.59	2,186.13
2452050012370	9.43	3,271	158.54	1,338.49	1,497.03
2452050012380	9.43	6,088	158.54	2,491.21	2,649.75
2452050012390	9.43	5,085	158.54	2,080.78	2,239.32
2452050012400	9.43	3,306	158.54	1,352.82	1,511.36
2452050012410	9.43	4,454	158.54	1,822.58	1,981.12
2452050012420	9.43	6,349	158.54	2,598.01	2,756.55
2452050012430	9.43	5,198	158.54	2,127.02	2,285.56
2452050012440	9.43	4,536	158.54	1,856.13	2,014.67
2452050012450	9.43	5,033	158.54	2,059.50	2,218.04
2452050012460	9.43	2,441	158.54	998.86	1,157.40
2452050012470	9.43	4,826	158.54	1,974.80	2,133.34
2452050012480	9.43	4,933	158.54	2,018.58	2,177.12
2452050012490	9.43	5,310	158.54	2,172.85	2,331.39
2452050012500	9.43	5,805	158.54	2,375.41	2,533.95
2452050012510	9.43	4,507	158.54	1,844.26	2,002.80
2452050012520	9.43	3,888	158.54	1,590.97	1,749.51
2452050012530	9.43	4,344	158.54	1,777.56	1,936.10
2452050012540	9.43	4,536	158.54	1,856.13	2,014.67
2452050012550	9.43	3,111	158.54	1,273.02	1,431.56
2452050012560	9.43	4,506	158.54	1,843.86	2,002.40
2452050012570	9.43	5,996	158.54	2,453.56	2,612.10
2452050012580	9.43	4,148	158.54	1,697.36	1,855.90
2452050012590	9.43	5,151	158.54	2,107.79	2,266.33
2452050012600	9.43	3,661	158.54	1,498.08	1,656.62
2452050012610	9.43	3,650	158.54	1,493.58	1,652.12
2452050012620	9.43	4,213	158.54	1,723.96	1,882.50
2452050012630	9.43	5,322	158.54	2,177.76	2,336.30
2452050012640	9.43	2,483	158.54	1,016.04	1,174.58

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050012650	9.43	5,068	158.54	2,073.83	2,232.37
2452050012670	9.43	3,773	158.54	1,543.91	1,702.45
2452050012680	9.43	5,811	158.54	2,377.86	2,536.40
2452050012690	9.43	3,928	158.54	1,607.34	1,765.88
2452050012700	9.43	4,239	158.54	1,734.60	1,893.14
2452050012710	9.43	2,947	158.54	1,205.91	1,364.45
2452050012720	9.43	4,233	158.54	1,732.14	1,890.68
2452050012730	9.43	3,515	158.54	1,438.34	1,596.88
2452050012740	9.43	4,330	158.54	1,771.84	1,930.38
2452050012750	9.43	4,065	158.54	1,663.40	1,821.94
2452050012760	9.43	2,099	158.54	858.91	1,017.45
2452050012770	9.43	3,522	158.54	1,441.20	1,599.74
2452050012780	9.43	5,097	158.54	2,085.69	2,244.23
2452050012790	9.43	4,756	158.54	1,946.16	2,104.70
2452050012800	9.43	3,681	158.54	1,506.27	1,664.81
2452050012810	9.43	4,912	158.54	2,009.99	2,168.53
2452050012820	9.43	4,316	158.54	1,766.11	1,924.65
2452050012830	9.43	3,676	158.54	1,504.22	1,662.76
2452050012840	9.43	3,739	158.54	1,530.00	1,688.54
2452050012850	9.43	4,599	158.54	1,881.91	2,040.45
2452050012860	9.43	4,544	158.54	1,859.40	2,017.94
2452050012870	9.43	4,146	158.54	1,696.54	1,855.08
2452050012880	9.43	4,313	158.54	1,764.88	1,923.42
2452050012890	9.43	3,310	158.54	1,354.45	1,512.99
2452050013000	9.43	5,814	158.54	2,379.09	2,537.63
2452050013010	9.43	2,545	158.54	1,041.41	1,199.95
2452050013020	9.43	4,637	158.54	1,897.46	2,056.00
2452050013030	9.43	5,528	158.54	2,262.06	2,420.60
2452050013040	9.43	4,079	158.54	1,669.13	1,827.67
2452050013050	9.43	2,815	158.54	1,151.90	1,310.44
2452050013060	9.43	4,824	158.54	1,973.98	2,132.52
2452050013070	9.43	2,146	158.54	878.14	1,036.68
2452050013080	9.43	4,549	158.54	1,861.45	2,019.99
2452050013090	9.43	3,343	158.54	1,367.96	1,526.50
2452050013100	9.43	5,593	158.54	2,288.66	2,447.20
2452050013110	9.43	5,157	158.54	2,110.24	2,268.78
2452050013120	9.43	4,404	158.54	1,802.12	1,960.66
2452050013130	9.43	4,985	158.54	2,039.86	2,198.40
2452050013140	9.43	4,337	158.54	1,774.70	1,933.24
2452050013150	9.43	4,558	158.54	1,865.13	2,023.67
2452050013160	9.43	4,554	158.54	1,863.50	2,022.04
2452050013170	9.43	5,051	158.54	2,066.87	2,225.41
2452050013180	9.43	4,054	158.54	1,658.90	1,817.44
2452050013190	9.43	4,844	158.54	1,982.16	2,140.70
2452050013200	9.43	4,058	158.54	1,660.53	1,819.07
2452050013210	9.43	4,365	158.54	1,786.16	1,944.70
2452050013220	9.43	4,890	158.54	2,000.99	2,159.53
2452050013230	9.43	4,892	158.54	2,001.81	2,160.35
2452050013240	9.43	5,482	158.54	2,243.23	2,401.77
2452050013250	9.43	7,295	158.54	2,985.11	3,143.65
2452050013260	9.43	10,750	158.54	4,398.90	4,557.44

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050013270	9.43	7,192	158.54	2,942.97	3,101.51
2452050013290	9.43	14,269	158.54	5,838.87	5,997.41
2452050013300	9.43	11,933	158.54	4,882.98	5,041.52
2452050013310	9.43	10,604	158.54	4,339.16	4,497.70
2452050013320	9.43	10,080	158.54	4,124.74	4,283.28
2452050013330	9.43	12,877	158.54	5,269.27	5,427.81
2452050013340	9.43	11,747	158.54	4,806.87	4,965.41
2452050013350	9.43	11,831	158.54	4,841.25	4,999.79
2452050013360	9.43	10,770	158.54	4,407.08	4,565.62
2452050013370	9.43	9,472	158.54	3,875.94	4,034.48
2452050013380	9.43	10,053	158.54	4,113.69	4,272.23
2452050013390	9.43	7,263	158.54	2,972.02	3,130.56
2452050013400	9.43	9,743	158.54	3,986.84	4,145.38
2452050013410	9.43	9,303	158.54	3,806.79	3,965.33
2452050013420	9.43	14,847	158.54	6,075.39	6,233.93
2452050013430	9.43	8,115	158.54	3,320.66	3,479.20
2452050013440	9.43	4,557	158.54	1,864.72	2,023.26
2452050013450	9.43	3,901	158.54	1,596.29	1,754.83
2452050013460	9.43	4,008	158.54	1,640.07	1,798.61
2452050013470	9.43	4,225	158.54	1,728.87	1,887.41
2452050013480	9.43	4,134	158.54	1,691.63	1,850.17
2452050013490	9.43	4,202	158.54	1,719.46	1,878.00
2452050013500	9.43	5,016	158.54	2,052.55	2,211.09
2452050013510	9.43	4,069	158.54	1,665.03	1,823.57
2452050013530	9.43	4,164	158.54	1,703.91	1,862.45
2452050013540	9.43	2,032	158.54	831.49	990.03
2452050013550	9.43	3,444	158.54	1,409.28	1,567.82
2452050013560	9.43	3,750	158.54	1,534.50	1,693.04
2452050013570	9.43	4,586	158.54	1,876.59	2,035.13
2452050013580	9.43	2,491	158.54	1,019.32	1,177.86
2452050013590	9.43	3,833	158.54	1,568.46	1,727.00
2452050013600	9.43	3,754	158.54	1,536.14	1,694.68
2452050013610	9.43	4,375	158.54	1,790.25	1,948.79
2452050013620	9.43	3,971	158.54	1,624.93	1,783.47
2452050013630	9.43	4,866	158.54	1,991.17	2,149.71
2452050020040	9.43	2,677	158.54	1,095.43	1,253.97
2452050020050	9.43	4,256	158.54	1,741.56	1,900.10
2452050020060	9.43	4,140	158.54	1,694.09	1,852.63
2452050020070	9.43	6,679	158.54	2,733.05	2,891.59
2452050020080	9.43	4,852	158.54	1,985.44	2,143.98
2452050020090	9.43	4,677	158.54	1,913.83	2,072.37
2452050020100	9.43	4,626	158.54	1,892.96	2,051.50
2452050020110	9.43	4,494	158.54	1,838.94	1,997.48
2452050020120	9.43	4,187	158.54	1,713.32	1,871.86
2452050020130	9.43	3,644	158.54	1,491.12	1,649.66
2452050020140	9.43	4,197	158.54	1,717.41	1,875.95
2452050020150	9.43	3,595	158.54	1,471.07	1,629.61
2452050020160	9.43	3,755	158.54	1,536.55	1,695.09
2452050020170	9.43	4,235	158.54	1,732.96	1,891.50
2452050020180	9.43	4,080	158.54	1,669.54	1,828.08
2452050020190	9.43	2,838	158.54	1,161.31	1,319.85

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050020200	9.43	4,129	158.54	1,689.59	1,848.13
2452050020210	9.43	4,281	158.54	1,751.79	1,910.33
2452050020220	9.43	4,102	158.54	1,678.54	1,837.08
2452050020230	9.43	4,440	158.54	1,816.85	1,975.39
2452050020240	9.43	4,029	158.54	1,648.67	1,807.21
2452050020250	9.43	4,108	158.54	1,680.99	1,839.53
2452050020270	9.43	4,378	158.54	1,791.48	1,950.02
2452050020280	9.43	3,957	158.54	1,619.20	1,777.74
2452050020290	9.43	3,282	158.54	1,342.99	1,501.53
2452050020300	9.43	3,681	158.54	1,506.27	1,664.81
2452050020310	9.43	4,120	158.54	1,685.90	1,844.44
2452050020320	9.43	4,603	158.54	1,883.55	2,042.09
2452050020330	9.43	4,099	158.54	1,677.31	1,835.85
2452050020340	9.43	5,547	158.54	2,269.83	2,428.37
2452050020350	9.43	5,647	158.54	2,310.75	2,469.29
2452050020360	9.43	6,538	158.54	2,675.35	2,833.89
2452050020370	9.43	5,754	158.54	2,354.54	2,513.08
2452050020390	9.43	5,514	158.54	2,256.33	2,414.87
2452050030020	9.43	5,111	158.54	2,091.42	2,249.96
2452050030030	9.43	3,112	158.54	1,273.43	1,431.97
2452050030040	9.43	4,321	158.54	1,768.15	1,926.69
2452050030060	9.43	3,012	158.54	1,232.51	1,391.05
2452050030070	9.43	2,717	158.54	1,111.80	1,270.34
2452050030080	9.43	7,133	158.54	2,918.82	3,077.36
2452050040010	9.43	4,296	158.54	1,757.92	1,916.46
2452050040020	9.43	3,649	158.54	1,493.17	1,651.71
2452050040030	9.43	3,820	158.54	1,563.14	1,721.68
2452050040040	9.43	4,264	158.54	1,744.83	1,903.37
2452050040050	9.43	4,642	158.54	1,899.51	2,058.05
2452050040060	9.43	2,940	158.54	1,203.05	1,361.59
2452050040070	9.43	4,761	158.54	1,948.20	2,106.74
2452050040080	9.43	2,730	158.54	1,117.12	1,275.66
2452050040090	9.43	5,958	158.54	2,438.01	2,596.55
2452050040100	9.43	4,867	158.54	1,991.58	2,150.12
2452050040110	9.43	5,770	158.54	2,361.08	2,519.62
2452050040120	9.43	4,833	158.54	1,977.66	2,136.20
2452050040130	9.43	5,312	158.54	2,173.67	2,332.21
2452050040140	9.43	4,912	158.54	2,009.99	2,168.53
2452050040150	9.43	4,162	158.54	1,703.09	1,861.63
2452050040160	9.43	4,846	158.54	1,982.98	2,141.52
2452050040170	9.43	4,923	158.54	2,014.49	2,173.03
2452050040180	9.43	3,722	158.54	1,523.04	1,681.58
2452050040190	9.43	4,903	158.54	2,006.31	2,164.85
2452050040210	9.43	6,665	158.54	2,727.32	2,885.86
2452050040220	9.43	3,765	158.54	1,540.64	1,699.18
2452050040230	9.43	4,599	158.54	1,881.91	2,040.45
2452050040240	9.43	2,813	158.54	1,151.08	1,309.62
2452050040250	9.43	4,701	158.54	1,923.65	2,082.19
2452050040260	9.43	4,307	158.54	1,762.42	1,920.96
2452050040270	9.43	5,745	158.54	2,350.85	2,509.39
2452050070020	9.43	9,574	158.54	3,917.68	4,076.22

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050070030	9.43	5,739	158.54	2,348.40	2,506.94
2452050070040	9.43	5,908	158.54	2,417.55	2,576.09
2452050080010	9.43	8,802	158.54	3,601.78	3,760.32
2452050080020	9.43	5,936	158.54	2,429.01	2,587.55
2452050080030	9.43	8,421	158.54	3,445.87	3,604.41
2452050080040	9.43	8,867	158.54	3,628.38	3,786.92
2452050080050	9.43	7,980	158.54	3,265.42	3,423.96
2452050080060	9.43	6,915	158.54	2,829.62	2,988.16
2452050080070	9.43	6,900	158.54	2,823.48	2,982.02
2452050080080	9.43	5,157	158.54	2,110.24	2,268.78
2452050080090	9.43	6,032	158.54	2,468.29	2,626.83
2452050080100	9.43	5,995	158.54	2,453.15	2,611.69
2452050080110	9.43	5,636	158.54	2,306.25	2,464.79
2452050080120	9.43	6,159	158.54	2,520.26	2,678.80
2452050080130	9.43	5,175	158.54	2,117.61	2,276.15
2452050080140	9.43	6,017	158.54	2,462.16	2,620.70
2452050080150	9.43	6,591	158.54	2,697.04	2,855.58
2452050080160	9.43	4,475	158.54	1,831.17	1,989.71
2452050080170	9.43	4,827	158.54	1,975.21	2,133.75
2452050080180	9.43	4,521	158.54	1,849.99	2,008.53
2452050080190	9.43	4,817	158.54	1,971.12	2,129.66
2452050080200	9.43	5,236	158.54	2,142.57	2,301.11
2452050080210	9.43	5,739	158.54	2,348.40	2,506.94
2452050080220	9.43	6,952	158.54	2,844.76	3,003.30
2452050080230	9.43	6,588	158.54	2,695.81	2,854.35
2452050080240	9.43	7,919	158.54	3,240.45	3,398.99
2452050080250	9.43	7,094	158.54	2,902.86	3,061.40
2452050080260	9.43	9,804	158.54	4,011.80	4,170.34
2452050080270	9.43	8,900	158.54	3,641.88	3,800.42
2452050080280	9.43	8,638	158.54	3,534.67	3,693.21
2452050080290	9.43	7,746	158.54	3,169.66	3,328.20
2452050080300	9.43	10,167	158.54	4,160.34	4,318.88
2452050080310	9.43	9,314	158.54	3,811.29	3,969.83
2452050080320	9.43	8,234	158.54	3,369.35	3,527.89
2452050080390	9.43	9,125	158.54	3,733.95	3,892.49
2452050090010	9.43	8,372	158.54	3,425.82	3,584.36
2452050090020	9.43	7,589	158.54	3,105.42	3,263.96
2452050090030	9.43	7,667	158.54	3,137.34	3,295.88
2452050090040	9.43	6,833	158.54	2,796.06	2,954.60
2452050090060	9.43	9,139	158.54	3,739.68	3,898.22
2452050090070	9.43	13,092	158.54	5,357.25	5,515.79
2452050090080	9.43	13,089	158.54	5,356.02	5,514.56
2452050090100	9.43	13,925	158.54	5,698.11	5,856.65
2452050090120	9.43	7,042	158.54	2,881.59	3,040.13
2452050090130	9.43	8,311	158.54	3,400.86	3,559.40
2452050090140	9.43	10,207	158.54	4,176.70	4,335.24
2452050090150	9.43	9,629	158.54	3,940.19	4,098.73
2452050090161	9.43	10,060	158.54	4,116.55	4,275.09
2452050090170	9.43	8,965	158.54	3,668.48	3,827.02
2452050090190	9.43	7,663	158.54	3,135.70	3,294.24
2452050090200	9.43	11,686	158.54	4,781.91	4,940.45

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050090210	9.43	5,575	158.54	2,281.29	2,439.83
2452050090220	9.43	5,046	158.54	2,064.82	2,223.36
2452050090230	9.43	5,525	158.54	2,260.83	2,419.37
2452050090240	9.43	6,205	158.54	2,539.09	2,697.63
2452050090250	9.43	6,642	158.54	2,717.91	2,876.45
2452050090260	9.43	5,578	158.54	2,282.52	2,441.06
2452050090270	9.43	6,044	158.54	2,473.20	2,631.74
2452050090280	9.43	6,916	158.54	2,830.03	2,988.57
2452050090290	9.43	6,264	158.54	2,563.23	2,721.77
2452050090300	9.43	6,435	158.54	2,633.20	2,791.74
2452050090310	9.43	5,992	158.54	2,451.93	2,610.47
2452050090320	9.43	6,516	158.54	2,666.35	2,824.89
2452050090330	9.43	5,716	158.54	2,338.99	2,497.53
2452050090340	9.43	5,606	158.54	2,293.98	2,452.52
2452050090350	9.43	5,860	158.54	2,397.91	2,556.45
2452050090360	9.43	5,507	158.54	2,253.46	2,412.00
2452050090370	9.43	6,141	158.54	2,512.90	2,671.44
2452050090380	9.43	6,711	158.54	2,746.14	2,904.68
2452050090390	9.43	6,396	158.54	2,617.24	2,775.78
2452050090400	9.43	6,138	158.54	2,511.67	2,670.21
2452050100010	9.43	7,930	158.54	3,244.96	3,403.50
2452050100020	9.43	8,242	158.54	3,372.63	3,531.17
2452050100030	9.43	7,646	158.54	3,128.74	3,287.28
2452050100040	9.43	8,410	158.54	3,441.37	3,599.91
2452050100060	9.43	6,635	158.54	2,715.04	2,873.58
2452050100070	9.43	6,035	158.54	2,469.52	2,628.06
2452050100080	9.43	7,643	158.54	3,127.52	3,286.06
2452050100100	9.43	7,085	158.54	2,899.18	3,057.72
2452050100110	9.43	6,710	158.54	2,745.73	2,904.27
2452050100120	9.43	7,123	158.54	2,914.73	3,073.27
2452050100130	9.43	6,781	158.54	2,774.79	2,933.33
2452050100140	9.43	6,571	158.54	2,688.85	2,847.39
2452050100160	9.43	5,575	158.54	2,281.29	2,439.83
2452050100170	9.43	7,057	158.54	2,887.72	3,046.26
2452050100180	9.43	5,876	158.54	2,404.46	2,563.00
2452050100200	9.43	6,148	158.54	2,515.76	2,674.30
2452050100210	9.43	7,897	158.54	3,231.45	3,389.99
2452050100220	9.43	6,580	158.54	2,692.54	2,851.08
2452050100240	9.43	7,020	158.54	2,872.58	3,031.12
2452050100250	9.43	5,747	158.54	2,351.67	2,510.21
2452050100260	9.43	5,333	158.54	2,182.26	2,340.80
2452050100270	9.43	5,024	158.54	2,055.82	2,214.36
2452050100280	9.43	6,101	158.54	2,496.53	2,655.07
2452050100310	9.43	15,836	158.54	6,480.09	6,638.63
2452050100320	9.43	8,448	158.54	3,456.92	3,615.46
2452050100330	9.43	11,155	158.54	4,564.63	4,723.17
2452050100340	9.43	10,136	158.54	4,147.65	4,306.19
2452050100350	9.43	10,608	158.54	4,340.79	4,499.33
2452050100370	9.43	8,615	158.54	3,525.26	3,683.80
2452050100380	9.43	10,047	158.54	4,111.23	4,269.77
2452050100390	9.43	11,600	158.54	4,746.72	4,905.26

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050100400	9.43	10,031	158.54	4,104.69	4,263.23
2452050100430	9.43	15,209	158.54	6,223.52	6,382.06
2452050100440	9.43	8,249	158.54	3,375.49	3,534.03
2452050100450	9.43	15,548	158.54	6,362.24	6,520.78
2452050100470	9.43	6,501	158.54	2,660.21	2,818.75
2452050100480	9.43	8,704	158.54	3,561.68	3,720.22
2452050100490	9.43	7,633	158.54	3,123.42	3,281.96
2452050100500	9.43	9,147	158.54	3,742.95	3,901.49
2452050100510	9.43	8,555	158.54	3,500.71	3,659.25
2452050100520	9.43	8,877	158.54	3,632.47	3,791.01
2452050100530	9.43	5,781	158.54	2,365.59	2,524.13
2452050100540	9.43	9,533	158.54	3,900.90	4,059.44
2452050100560	9.43	5,613	158.54	2,296.84	2,455.38
2452050100570	9.43	6,401	158.54	2,619.29	2,777.83
2452050100580	9.43	7,280	158.54	2,978.98	3,137.52
2452050100590	9.43	8,790	158.54	3,596.87	3,755.41
2452050100600	9.43	6,395	158.54	2,616.83	2,775.37
2452050100610	9.43	7,937	158.54	3,247.82	3,406.36
2452050100620	9.43	6,878	158.54	2,814.48	2,973.02
2452050100630	9.43	7,903	158.54	3,233.91	3,392.45
2452050100640	9.43	7,190	158.54	2,942.15	3,100.69
2452050100690	9.43	6,974	158.54	2,853.76	3,012.30
2452050100700	9.43	5,753	158.54	2,354.13	2,512.67
2452050100701	9.43	6,781	158.54	2,774.79	2,933.33
2452050100735	9.43	8,281	158.54	3,388.59	3,547.13
2452050100740	9.43	9,278	158.54	3,796.56	3,955.10
2452050100751	9.43	4,601	158.54	1,882.73	2,041.27
2452050100770	9.43	8,267	158.54	3,382.86	3,541.40
2452050100790	9.43	8,537	158.54	3,493.34	3,651.88
2452050100800	9.43	5,688	158.54	2,327.53	2,486.07
2452050100810	9.43	7,085	158.54	2,899.18	3,057.72
2452050100850	9.43	7,772	158.54	3,180.30	3,338.84
2452050110010	9.43	6,818	158.54	2,789.93	2,948.47
2452050110020	9.43	9,890	158.54	4,046.99	4,205.53
2452050110030	9.43	8,427	158.54	3,448.33	3,606.87
2452050110040	9.43	7,422	158.54	3,037.08	3,195.62
2452050110050	9.43	7,104	158.54	2,906.96	3,065.50
2452050110060	9.43	9,792	158.54	4,006.89	4,165.43
2452050110070	9.43	9,554	158.54	3,909.50	4,068.04
2452050110090	9.43	5,398	158.54	2,208.86	2,367.40
2452050110110	9.43	6,793	158.54	2,779.70	2,938.24
2452050110120	9.43	8,387	158.54	3,431.96	3,590.50
2452050110130	9.43	8,239	158.54	3,371.40	3,529.94
2452050110140	9.43	9,127	158.54	3,734.77	3,893.31
2452050110150	9.43	8,356	158.54	3,419.28	3,577.82
2452050110160	9.43	7,580	158.54	3,101.74	3,260.28
2452050110170	9.43	6,835	158.54	2,796.88	2,955.42
2452050110180	9.43	12,584	158.54	5,149.37	5,307.91
2452050110190	9.43	8,047	158.54	3,292.83	3,451.37
2452050110200	9.43	7,298	158.54	2,986.34	3,144.88
2452050110210	9.43	9,205	158.54	3,766.69	3,925.23

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050110220	9.43	8,785	158.54	3,594.82	3,753.36
2452050110230	9.43	8,255	158.54	3,377.95	3,536.49
2452050110240	9.43	8,116	158.54	3,321.07	3,479.61
2452050110250	9.43	7,691	158.54	3,147.16	3,305.70
2452050110260	9.43	7,493	158.54	3,066.14	3,224.68
2452050110270	9.43	7,897	158.54	3,231.45	3,389.99
2452050110280	9.43	9,751	158.54	3,990.11	4,148.65
2452050110290	9.43	11,208	158.54	4,586.31	4,744.85
2452050110300	9.43	7,765	158.54	3,177.44	3,335.98
2452050110310	9.43	8,537	158.54	3,493.34	3,651.88
2452050110320	9.43	8,011	158.54	3,278.10	3,436.64
2452050110330	9.43	8,283	158.54	3,389.40	3,547.94
2452050110340	9.43	6,156	158.54	2,519.04	2,677.58
2452050110350	9.43	14,984	158.54	6,131.45	6,289.99
2452050110360	9.43	8,052	158.54	3,294.88	3,453.42
2452050110370	9.43	8,171	158.54	3,343.57	3,502.11
2452050110380	9.43	8,293	158.54	3,393.50	3,552.04
2452050110390	9.43	10,198	158.54	4,173.02	4,331.56
2452050110400	9.43	8,043	158.54	3,291.20	3,449.74
2452050110410	9.43	10,464	158.54	4,281.87	4,440.41
2452050110420	9.43	5,970	158.54	2,442.92	2,601.46
2452050110430	9.43	8,655	158.54	3,541.63	3,700.17
2452050110440	9.43	6,866	158.54	2,809.57	2,968.11
2452050110450	9.43	11,014	158.54	4,506.93	4,665.47
2452050130020	9.43	5,216	158.54	2,134.39	2,292.93
2452050130050	9.43	3,884	158.54	1,589.33	1,747.87
2452050130060	9.43	7,376	158.54	3,018.26	3,176.80
2452050130080	9.43	4,899	158.54	2,004.67	2,163.21
2452050170010	9.43	6,524	158.54	2,669.62	2,828.16
2452050170020	9.43	9,720	158.54	3,977.42	4,135.96
2452050170030	9.43	9,482	158.54	3,880.03	4,038.57
2452050170040	9.43	8,159	158.54	3,338.66	3,497.20
2452050170060	9.43	15,583	158.54	6,376.56	6,535.10
2452050170070	9.43	7,348	158.54	3,006.80	3,165.34
2452050170080	9.43	8,306	158.54	3,398.82	3,557.36
2452050170090	9.43	7,607	158.54	3,112.78	3,271.32
2452050170100	9.43	6,748	158.54	2,761.28	2,919.82
2452050170110	9.43	7,618	158.54	3,117.29	3,275.83
2452050170120	9.43	10,071	158.54	4,121.05	4,279.59
2452050170130	9.43	9,759	158.54	3,993.38	4,151.92
2452050170140	9.43	15,771	158.54	6,453.49	6,612.03
2452050170150	9.43	15,114	158.54	6,184.65	6,343.19
2452050170160	9.43	9,742	158.54	3,986.43	4,144.97
2452050170170	9.43	6,153	158.54	2,517.81	2,676.35
2452050170180	9.43	8,324	158.54	3,406.18	3,564.72
2452050170190	9.43	7,910	158.54	3,236.77	3,395.31
2452050170200	9.43	5,118	158.54	2,094.29	2,252.83
2452050240020	9.43	7,412	158.54	3,032.99	3,191.53
2452050240030	9.43	7,825	158.54	3,201.99	3,360.53
2452050240040	9.43	6,405	158.54	2,620.93	2,779.47
2452050240050	9.43	6,683	158.54	2,734.68	2,893.22

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050240060	9.43	8,053	158.54	3,295.29	3,453.83
2452050240070	9.43	9,832	158.54	4,023.25	4,181.79
2452050240080	9.43	8,771	158.54	3,589.09	3,747.63
2452050240090	9.43	12,360	158.54	5,057.71	5,216.25
2452050240100	9.43	9,590	158.54	3,924.23	4,082.77
2452050240110	9.43	8,218	158.54	3,362.81	3,521.35
2452050240120	9.43	8,362	158.54	3,421.73	3,580.27
2452050240130	9.43	8,668	158.54	3,546.95	3,705.49
2452050240140	9.43	9,165	158.54	3,750.32	3,908.86
2452050240150	9.43	9,767	158.54	3,996.66	4,155.20
2452050240160	9.43	9,301	158.54	3,805.97	3,964.51
2452050240180	9.43	7,318	158.54	2,994.53	3,153.07
2452050240190	9.43	9,126	158.54	3,734.36	3,892.90
2452050240200	9.43	9,737	158.54	3,984.38	4,142.92
2452050240210	9.43	8,072	158.54	3,303.06	3,461.60
2452050240220	9.43	7,521	158.54	3,077.59	3,236.13
2452050240230	9.43	9,640	158.54	3,944.69	4,103.23
2452050240240	9.43	7,857	158.54	3,215.08	3,373.62
2452050240270	9.43	14,489	158.54	5,928.90	6,087.44
2452050240280	9.43	18,636	158.54	7,625.85	7,784.39
2452050240290	9.43	16,675	158.54	6,823.41	6,981.95
2452050240310	9.43	11,830	158.54	4,840.84	4,999.38
2452050240320	9.43	11,490	158.54	4,701.71	4,860.25
2452050240330	9.43	8,964	158.54	3,668.07	3,826.61
2452050240340	9.43	6,850	158.54	2,803.02	2,961.56
2452050240350	9.43	14,922	158.54	6,106.08	6,264.62
2452050240370	9.43	10,418	158.54	4,263.05	4,421.59
2452050240380	9.43	8,352	158.54	3,417.64	3,576.18
2452050240390	9.43	8,532	158.54	3,491.29	3,649.83
2452050240400	9.43	7,135	158.54	2,919.64	3,078.18
2452050240410	9.43	8,601	158.54	3,519.53	3,678.07
2452050240430	9.43	21,515	158.54	8,803.94	8,962.48
2452050240450	9.43	10,187	158.54	4,168.52	4,327.06
2452050250020	9.43	11,366	158.54	4,650.97	4,809.51
2452050430010	9.43	6,899	158.54	2,823.07	2,981.61
2452050430020	9.43	12,477	158.54	5,105.59	5,264.13
2452050480010	4.54	2,977	76.33	1,218.19	1,294.52
2452050480020	4.54	2,977	76.33	1,218.19	1,294.52
2452050520010	4.54	5,076	76.33	2,077.10	2,153.43
2452050520020	4.54	5,076	76.33	2,077.10	2,153.43
2452050650010	4.54	2,285	76.33	935.02	1,011.35
2452050650020	4.54	2,285	76.33	935.02	1,011.35
2452050710010	4.54	2,131	76.33	872.01	948.34
2452050710020	4.54	2,131	76.33	872.01	948.34
2452050720010	4.54	2,847	76.33	1,164.99	1,241.32
2452050720020	4.54	2,847	76.33	1,164.99	1,241.32
2452050730010	4.54	1,863	76.33	762.34	838.67
2452050730020	4.54	1,863	76.33	762.34	838.67
2452050740010	4.54	2,648	76.33	1,083.56	1,159.89
2452050740020	4.54	2,648	76.33	1,083.56	1,159.89
2452050760010	4.54	1,579	76.33	646.13	722.46

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050760020	4.54	1,579	76.33	646.13	722.46
2452050770010	4.54	2,363	76.33	966.94	1,043.27
2452050770020	4.54	2,363	76.33	966.94	1,043.27
2452050780010	4.54	2,772	76.33	1,134.30	1,210.63
2452050780020	4.54	2,605	76.33	1,065.97	1,142.30
2452060010010	9.43	13,047	158.54	5,338.83	5,497.37
2452060010020	9.43	17,348	158.54	7,098.80	7,257.34
2452060010030	9.43	14,242	158.54	5,827.83	5,986.37
2452060010040	9.43	10,668	158.54	4,365.35	4,523.89
2452060020030	9.43	15,922	158.54	6,515.28	6,673.82
2452060030010	9.43	6,436	158.54	2,633.61	2,792.15
2452060030020	9.43	6,221	158.54	2,545.63	2,704.17
2452060030030	9.43	22,811	158.54	9,334.26	9,492.80
2452060030040	9.43	7,774	158.54	3,181.12	3,339.66
2452060040010	9.43	2,402	158.54	982.90	1,141.44
2452060040020	9.43	18,357	158.54	7,511.68	7,670.22
2442320020010	150.00	12,685	2,521.89	5,190.70	7,712.59
2442320020020	-	4,304	-	1,761.20	1,761.20
2442320020021	-	16,419	-	6,718.65	6,718.65
2442320020030	-	7,446	-	3,046.90	3,046.90
2442320020040	538.00	60,825	9,045.18	24,889.59	33,934.77
2442320020041	200.00	18,638	3,362.52	7,626.67	10,989.19
2442320020042	60.55	7,441	1,018.00	3,044.86	4,062.86
2442320020043	90.28	9,939	1,517.76	4,067.04	5,584.80
2442320020060	797.70	25,427	13,411.41	10,404.73	23,816.14
2442320020070	1,300.10	62,879	21,858.06	25,730.09	47,588.15
2442320020080	375.88	33,418	6,319.44	13,674.65	19,994.09
2442320020090	1,485.75	52,407	24,979.32	21,444.94	46,424.26
2442320020132	1,510.85	109,144	25,401.32	44,661.72	70,063.04
2442320020160	640.18	96,017	10,763.01	39,290.16	50,053.17
2442320030260	9.43	5,129	158.54	2,098.79	2,257.33
2442320040770	9.43	4,655	158.54	1,904.83	2,063.37
2442320041080	9.43	3,137	158.54	1,283.66	1,442.20
2442320060021	1,111.58	148,104	18,688.47	60,604.16	79,292.63
2442320060900	46.18	1,625	776.32	664.75	1,441.07
2442320080010	4.54	261	76.33	106.80	183.13
2442320080020	4.54	261	76.33	106.80	183.13
2442320080030	4.54	261	76.33	106.80	183.13
2442320080040	4.54	261	76.33	106.80	183.13
2442320080050	4.54	261	76.33	106.80	183.13
2442320080060	4.54	261	76.33	106.80	183.13
2442320080070	4.54	261	76.33	106.80	183.13
2442320080080	4.54	261	76.33	106.80	183.13
2442320080100	4.54	261	76.33	106.80	183.13
2442320080110	4.54	261	76.33	106.80	183.13
2442320080120	4.54	-	76.33	-	76.33
2442320080121	4.54	261	76.33	106.80	183.13
2442320080130	4.54	755	76.33	308.95	385.28
2442320080140	4.54	1,198	76.33	490.22	566.55
2442320080150	4.54	1,365	76.33	558.56	634.89
2442320080160	4.54	958	76.33	392.01	468.34

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320080170	4.54		711	76.33	290.94	367.27
2442320080180	4.54		690	76.33	282.35	358.68
2442320080190	4.54		690	76.33	282.35	358.68
2442320080200	4.54		958	76.33	392.01	468.34
2442320080210	4.54		958	76.33	392.01	468.34
2442320080220	4.54		980	76.33	401.02	477.35
2442320080230	4.54		980	76.33	401.02	477.35
2442320080240	4.54		1,365	76.33	558.56	634.89
2442320080250	4.54		958	76.33	392.01	468.34
2442320080260	4.54		711	76.33	290.94	367.27
2442320080270	4.54		690	76.33	282.35	358.68
2442320080280	4.54		690	76.33	282.35	358.68
2442320080290	4.54		958	76.33	392.01	468.34
2442320080300	4.54		958	76.33	392.01	468.34
2442320080310	4.54		980	76.33	401.02	477.35
2442320080320	4.54		980	76.33	401.02	477.35
2442320080330	4.54		1,365	76.33	558.56	634.89
2442320080340	4.54		958	76.33	392.01	468.34
2442320080350	4.54		711	76.33	290.94	367.27
2442320080360	4.54		690	76.33	282.35	358.68
2442320080370	4.54		690	76.33	282.35	358.68
2442320080380	4.54		958	76.33	392.01	468.34
2442320080390	4.54		958	76.33	392.01	468.34
2442320080400	4.54		980	76.33	401.02	477.35
2442320080410	4.54		980	76.33	401.02	477.35
2442320080420	4.54		1,365	76.33	558.56	634.89
2442320080430	4.54		958	76.33	392.01	468.34
2442320080440	4.54		711	76.33	290.94	367.27
2442320080450	4.54		690	76.33	282.35	358.68
2442320080460	4.54		690	76.33	282.35	358.68
2442320080470	4.54		958	76.33	392.01	468.34
2442320080480	4.54		958	76.33	392.01	468.34
2442320080490	4.54		980	76.33	401.02	477.35
2442320080500	4.54		980	76.33	401.02	477.35
2442320080510	4.54		1,365	76.33	558.56	634.89
2442320080520	4.54		958	76.33	392.01	468.34
2442320080530	4.54		711	76.33	290.94	367.27
2442320080540	4.54		690	76.33	282.35	358.68
2442320080550	4.54		690	76.33	282.35	358.68
2442320080560	4.54		958	76.33	392.01	468.34
2442320080570	4.54		958	76.33	392.01	468.34
2442320080580	4.54		980	76.33	401.02	477.35
2442320080590	4.54		980	76.33	401.02	477.35
2442320080600	4.54		1,365	76.33	558.56	634.89
2442320080610	4.54		958	76.33	392.01	468.34
2442320080620	4.54		711	76.33	290.94	367.27
2442320080630	4.54		690	76.33	282.35	358.68
2442320080640	4.54		690	76.33	282.35	358.68
2442320080650	4.54		958	76.33	392.01	468.34
2442320080660	4.54		958	76.33	392.01	468.34
2442320080670	4.54		980	76.33	401.02	477.35

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320080680	4.54	980	76.33	401.02	477.35
2442320080690	4.54	1,365	76.33	558.56	634.89
2442320080700	4.54	958	76.33	392.01	468.34
2442320080710	4.54	711	76.33	290.94	367.27
2442320080720	4.54	690	76.33	282.35	358.68
2442320080730	4.54	690	76.33	282.35	358.68
2442320080740	4.54	958	76.33	392.01	468.34
2442320080750	4.54	958	76.33	392.01	468.34
2442320080760	4.54	980	76.33	401.02	477.35
2442320080770	4.54	980	76.33	401.02	477.35
2442320080780	4.54	1,365	76.33	558.56	634.89
2442320080790	4.54	958	76.33	392.01	468.34
2442320080800	4.54	711	76.33	290.94	367.27
2442320080810	4.54	690	76.33	282.35	358.68
2442320080820	4.54	690	76.33	282.35	358.68
2442320080830	4.54	958	76.33	392.01	468.34
2442320080840	4.54	958	76.33	392.01	468.34
2442320080850	4.54	980	76.33	401.02	477.35
2442320080860	4.54	980	76.33	401.02	477.35
2442320080870	4.54	1,365	76.33	558.56	634.89
2442320080880	4.54	958	76.33	392.01	468.34
2442320080890	4.54	711	76.33	290.94	367.27
2442320080900	4.54	690	76.33	282.35	358.68
2442320080910	4.54	690	76.33	282.35	358.68
2442320080920	4.54	958	76.33	392.01	468.34
2442320080930	4.54	958	76.33	392.01	468.34
2442320080940	4.54	980	76.33	401.02	477.35
2442320080950	4.54	980	76.33	401.02	477.35
2442320080960	4.54	1,365	76.33	558.56	634.89
2442320080970	4.54	958	76.33	392.01	468.34
2442320080980	4.54	711	76.33	290.94	367.27
2442320080990	4.54	690	76.33	282.35	358.68
2442320081000	4.54	690	76.33	282.35	358.68
2442320081010	4.54	958	76.33	392.01	468.34
2442320081020	4.54	958	76.33	392.01	468.34
2442320081030	4.54	980	76.33	401.02	477.35
2442320081040	4.54	980	76.33	401.02	477.35
2442320081050	4.54	1,365	76.33	558.56	634.89
2442320081060	4.54	958	76.33	392.01	468.34
2442320081070	4.54	711	76.33	290.94	367.27
2442320081080	4.54	690	76.33	282.35	358.68
2442320081090	4.54	690	76.33	282.35	358.68
2442320081100	4.54	958	76.33	392.01	468.34
2442320081110	4.54	958	76.33	392.01	468.34
2442320081120	4.54	980	76.33	401.02	477.35
2442320081130	4.54	980	76.33	401.02	477.35
2442320081140	4.54	1,365	76.33	558.56	634.89
2442320081150	4.54	1,648	76.33	674.36	750.69
2442320081160	4.54	711	76.33	290.94	367.27
2442320081180	4.54	690	76.33	282.35	358.68
2442320081190	4.54	958	76.33	392.01	468.34

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320081200	4.54	958	76.33	392.01	468.34
2442320081210	4.54	980	76.33	401.02	477.35
2442320081220	4.54	980	76.33	401.02	477.35
2442320081230	4.54	1,365	76.33	558.56	634.89
2442320081240	4.54	958	76.33	392.01	468.34
2442320081250	4.54	711	76.33	290.94	367.27
2442320081260	4.54	690	76.33	282.35	358.68
2442320081270	4.54	690	76.33	282.35	358.68
2442320081280	4.54	958	76.33	392.01	468.34
2442320081290	4.54	958	76.33	392.01	468.34
2442320081300	4.54	980	76.33	401.02	477.35
2442320081310	4.54	980	76.33	401.02	477.35
2442320090010	4.54	2,411	76.33	986.58	1,062.91
2442320090020	4.54	3,152	76.33	1,289.80	1,366.13
2442320090030	4.54	2,055	76.33	840.91	917.24
2442320090040	4.54	3,152	76.33	1,289.80	1,366.13
2442320090050	4.54	2,055	76.33	840.91	917.24
2442320090060	4.54	3,152	76.33	1,289.80	1,366.13
2442320090070	4.54	2,055	76.33	840.91	917.24
2442320090080	4.54	3,152	76.33	1,289.80	1,366.13
2442320090090	4.54	2,055	76.33	840.91	917.24
2442320090100	4.54	3,152	76.33	1,289.80	1,366.13
2442320090110	4.54	2,411	76.33	986.58	1,062.91
2442320090120	4.54	2,411	76.33	986.58	1,062.91
2442320090130	4.54	2,055	76.33	840.91	917.24
2442320090140	4.54	2,055	76.33	840.91	917.24
2442320090150	4.54	2,055	76.33	840.91	917.24
2442320090160	4.54	2,055	76.33	840.91	917.24
2442320090170	4.54	2,411	76.33	986.58	1,062.91
2442320100010	4.54	648	76.33	265.16	341.49
2442320100020	4.54	631	76.33	258.21	334.54
2442320100030	4.54	631	76.33	258.21	334.54
2442320100040	4.54	631	76.33	258.21	334.54
2442320100050	4.54	648	76.33	265.16	341.49
2442320100060	4.54	631	76.33	258.21	334.54
2442320100070	4.54	631	76.33	258.21	334.54
2442320100080	4.54	631	76.33	258.21	334.54
2442320100090	4.54	648	76.33	265.16	341.49
2442320100100	4.54	631	76.33	258.21	334.54
2442320100110	4.54	631	76.33	258.21	334.54
2442320100120	4.54	631	76.33	258.21	334.54
2442320100130	4.54	648	76.33	265.16	341.49
2442320100140	4.54	631	76.33	258.21	334.54
2442320100150	4.54	631	76.33	258.21	334.54
2442320100160	4.54	631	76.33	258.21	334.54
2442320100170	4.54	648	76.33	265.16	341.49
2442320100180	4.54	631	76.33	258.21	334.54
2442320100190	4.54	631	76.33	258.21	334.54
2442320100200	4.54	631	76.33	258.21	334.54
2442320100210	4.54	648	76.33	265.16	341.49
2442320100220	4.54	631	76.33	258.21	334.54

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320100230	4.54		631	76.33	258.21	334.54
2442320100240	4.54		631	76.33	258.21	334.54
2442320100250	4.54		648	76.33	265.16	341.49
2442320100260	4.54		631	76.33	258.21	334.54
2442320100270	4.54		631	76.33	258.21	334.54
2442320100280	4.54		631	76.33	258.21	334.54
2442320100290	4.54		648	76.33	265.16	341.49
2442320100300	4.54		631	76.33	258.21	334.54
2442320100310	4.54		631	76.33	258.21	334.54
2442320100320	4.54		631	76.33	258.21	334.54
2442320100330	4.54		648	76.33	265.16	341.49
2442320100340	4.54		631	76.33	258.21	334.54
2442320100350	4.54		631	76.33	258.21	334.54
2442320100360	4.54		631	76.33	258.21	334.54
2442320100370	4.54		648	76.33	265.16	341.49
2442320100380	4.54		631	76.33	258.21	334.54
2442320100390	4.54		631	76.33	258.21	334.54
2442320100400	4.54		631	76.33	258.21	334.54
2442320100410	4.54		648	76.33	265.16	341.49
2442320100420	4.54		631	76.33	258.21	334.54
2442320100430	4.54		631	76.33	258.21	334.54
2442320100440	4.54		631	76.33	258.21	334.54
2442320100450	4.54		648	76.33	265.16	341.49
2442320100460	4.54		631	76.33	258.21	334.54
2442320100470	4.54		631	76.33	258.21	334.54
2442320100480	4.54		631	76.33	258.21	334.54
2442320100490	4.54		648	76.33	265.16	341.49
2442320100500	4.54		631	76.33	258.21	334.54
2442320100510	4.54		631	76.33	258.21	334.54
2442320100520	4.54		631	76.33	258.21	334.54
2442320100530	4.54		648	76.33	265.16	341.49
2442320100540	4.54		631	76.33	258.21	334.54
2442320100550	4.54		631	76.33	258.21	334.54
2442320100560	4.54		631	76.33	258.21	334.54
2442320100570	4.54		648	76.33	265.16	341.49
2442320100580	4.54		631	76.33	258.21	334.54
2442320100590	4.54		631	76.33	258.21	334.54
2442320100600	4.54		631	76.33	258.21	334.54
2442320100610	4.54		648	76.33	265.16	341.49
2442320100620	4.54		631	76.33	258.21	334.54
2442320100630	4.54		631	76.33	258.21	334.54
2442320100640	4.54		631	76.33	258.21	334.54
2442320100650	4.54		648	76.33	265.16	341.49
2442320100660	4.54		631	76.33	258.21	334.54
2442320100670	4.54		631	76.33	258.21	334.54
2442320100680	4.54		631	76.33	258.21	334.54
2442320100690	4.54		648	76.33	265.16	341.49
2442320100700	4.54		631	76.33	258.21	334.54
2442320100710	4.54		631	76.33	258.21	334.54
2442320100720	4.54		631	76.33	258.21	334.54
2442320110010	140.60		8,780	2,363.85	3,592.78	5,956.63

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320110020	1,421.20	29,439	23,894.07	12,046.44	35,940.51
2442320120010	4.54	847	76.33	346.59	422.92
2442320120020	4.54	847	76.33	346.59	422.92
2442320120030	4.54	369	76.33	150.99	227.32
2442320120040	4.54	369	76.33	150.99	227.32
2442320120050	4.54	553	76.33	226.29	302.62
2442320120060	4.54	553	76.33	226.29	302.62
2442320120070	4.54	553	76.33	226.29	302.62
2442320120080	4.54	553	76.33	226.29	302.62
2442320120090	4.54	553	76.33	226.29	302.62
2442320120100	4.54	553	76.33	226.29	302.62
2442320120110	4.54	645	76.33	263.93	340.26
2442320120120	4.54	847	76.33	346.59	422.92
2442320120130	4.54	847	76.33	346.59	422.92
2442320120140	4.54	369	76.33	150.99	227.32
2442320120150	4.54	369	76.33	150.99	227.32
2442320120160	4.54	553	76.33	226.29	302.62
2442320120170	4.54	553	76.33	226.29	302.62
2442320120180	4.54	553	76.33	226.29	302.62
2442320120190	4.54	553	76.33	226.29	302.62
2442320120200	4.54	553	76.33	226.29	302.62
2442320120210	4.54	553	76.33	226.29	302.62
2442320120220	4.54	553	76.33	226.29	302.62
2442320120230	4.54	553	76.33	226.29	302.62
2442320120240	4.54	553	76.33	226.29	302.62
2442320120250	4.54	553	76.33	226.29	302.62
2442320120260	4.54	645	76.33	263.93	340.26
2442320120270	4.54	645	76.33	263.93	340.26
2442320120280	4.54	847	76.33	346.59	422.92
2442320120290	4.54	847	76.33	346.59	422.92
2442320120300	4.54	369	76.33	150.99	227.32
2442320120310	4.54	369	76.33	150.99	227.32
2442320120320	4.54	553	76.33	226.29	302.62
2442320120330	4.54	553	76.33	226.29	302.62
2442320120340	4.54	553	76.33	226.29	302.62
2442320120350	4.54	553	76.33	226.29	302.62
2442320120360	4.54	553	76.33	226.29	302.62
2442320120370	4.54	553	76.33	226.29	302.62
2442320120380	4.54	553	76.33	226.29	302.62
2442320120390	4.54	553	76.33	226.29	302.62
2442320120400	4.54	553	76.33	226.29	302.62
2442320120410	4.54	553	76.33	226.29	302.62
2442320120420	4.54	645	76.33	263.93	340.26
2442320120430	4.54	645	76.33	263.93	340.26
2442320120440	4.54	847	76.33	346.59	422.92
2442320120450	4.54	847	76.33	346.59	422.92
2442320120460	4.54	369	76.33	150.99	227.32
2442320120470	4.54	369	76.33	150.99	227.32
2442320120480	4.54	553	76.33	226.29	302.62
2442320120490	4.54	553	76.33	226.29	302.62
2442320120500	4.54	553	76.33	226.29	302.62

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320120510	4.54		553	76.33	226.29	302.62
2442320120520	4.54		553	76.33	226.29	302.62
2442320120530	4.54		553	76.33	226.29	302.62
2442320120540	4.54		553	76.33	226.29	302.62
2442320120550	4.54		553	76.33	226.29	302.62
2442320120560	4.54		553	76.33	226.29	302.62
2442320120570	4.54		553	76.33	226.29	302.62
2442320120580	4.54		645	76.33	263.93	340.26
2442320120590	4.54		645	76.33	263.93	340.26
2442320120600	4.54		847	76.33	346.59	422.92
2442320120610	4.54		847	76.33	346.59	422.92
2442320120620	4.54		369	76.33	150.99	227.32
2442320120630	4.54		369	76.33	150.99	227.32
2442320120640	4.54		553	76.33	226.29	302.62
2442320120650	4.54		553	76.33	226.29	302.62
2442320120660	4.54		553	76.33	226.29	302.62
2442320120670	4.54		553	76.33	226.29	302.62
2442320120680	4.54		553	76.33	226.29	302.62
2442320120690	4.54		553	76.33	226.29	302.62
2442320120700	4.54		553	76.33	226.29	302.62
2442320120710	4.54		553	76.33	226.29	302.62
2442320120720	4.54		553	76.33	226.29	302.62
2442320120730	4.54		553	76.33	226.29	302.62
2442320120740	4.54		645	76.33	263.93	340.26
2442320120750	4.54		645	76.33	263.93	340.26
2442320120760	4.54		847	76.33	346.59	422.92
2442320120770	4.54		1,216	76.33	497.59	573.92
2442320120780	4.54		369	76.33	150.99	227.32
2442320120800	4.54		553	76.33	226.29	302.62
2442320120810	4.54		553	76.33	226.29	302.62
2442320120820	4.54		553	76.33	226.29	302.62
2442320120830	4.54		553	76.33	226.29	302.62
2442320120840	4.54		553	76.33	226.29	302.62
2442320120850	4.54		553	76.33	226.29	302.62
2442320120860	4.54		553	76.33	226.29	302.62
2442320120870	4.54		553	76.33	226.29	302.62
2442320120880	4.54		553	76.33	226.29	302.62
2442320120890	4.54		553	76.33	226.29	302.62
2442320120900	4.54		645	76.33	263.93	340.26
2442320120910	4.54		645	76.33	263.93	340.26
2442320120920	4.54		847	76.33	346.59	422.92
2442320120930	4.54		847	76.33	346.59	422.92
2442320120940	4.54		369	76.33	150.99	227.32
2442320120950	4.54		369	76.33	150.99	227.32
2442320120960	4.54		553	76.33	226.29	302.62
2442320120970	4.54		553	76.33	226.29	302.62
2442320120980	4.54		553	76.33	226.29	302.62
2442320120990	4.54		553	76.33	226.29	302.62
2442320121000	4.54		553	76.33	226.29	302.62
2442320121010	4.54		553	76.33	226.29	302.62
2442320121020	4.54		553	76.33	226.29	302.62

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320121030	4.54		553	76.33	226.29	302.62
2442320121040	4.54		553	76.33	226.29	302.62
2442320121050	4.54		553	76.33	226.29	302.62
2442320121060	4.54		645	76.33	263.93	340.26
2442320121070	4.54		645	76.33	263.93	340.26
2442320121080	4.54		847	76.33	346.59	422.92
2442320121090	4.54		847	76.33	346.59	422.92
2442320121100	4.54		369	76.33	150.99	227.32
2442320121110	4.54		369	76.33	150.99	227.32
2442320121120	4.54		553	76.33	226.29	302.62
2442320121130	4.54		553	76.33	226.29	302.62
2442320121140	4.54		553	76.33	226.29	302.62
2442320121150	4.54		553	76.33	226.29	302.62
2442320121160	4.54		553	76.33	226.29	302.62
2442320121170	4.54		553	76.33	226.29	302.62
2442320121180	4.54		553	76.33	226.29	302.62
2442320121190	4.54		553	76.33	226.29	302.62
2442320121200	4.54		553	76.33	226.29	302.62
2442320121210	4.54		553	76.33	226.29	302.62
2442320121220	4.54		645	76.33	263.93	340.26
2442320121230	4.54		645	76.33	263.93	340.26
2442320121240	4.54		847	76.33	346.59	422.92
2442320121250	4.54		847	76.33	346.59	422.92
2442320121260	4.54		369	76.33	150.99	227.32
2442320121270	4.54		369	76.33	150.99	227.32
2442320121280	4.54		553	76.33	226.29	302.62
2442320121290	4.54		553	76.33	226.29	302.62
2442320121300	4.54		553	76.33	226.29	302.62
2442320121310	4.54		553	76.33	226.29	302.62
2442320121320	4.54		553	76.33	226.29	302.62
2442320121330	4.54		553	76.33	226.29	302.62
2442320121340	4.54		553	76.33	226.29	302.62
2442320121350	4.54		553	76.33	226.29	302.62
2442320121360	4.54		553	76.33	226.29	302.62
2442320121370	4.54		553	76.33	226.29	302.62
2442320121380	4.54		645	76.33	263.93	340.26
2442320121390	4.54		645	76.33	263.93	340.26
2442320121400	4.54		847	76.33	346.59	422.92
2442320121410	4.54		847	76.33	346.59	422.92
2442320121420	4.54		369	76.33	150.99	227.32
2442320121440	4.54		553	76.33	226.29	302.62
2442320121450	4.54		922	76.33	377.28	453.61
2442320121460	4.54		553	76.33	226.29	302.62
2442320121470	4.54		553	76.33	226.29	302.62
2442320121480	4.54		553	76.33	226.29	302.62
2442320121490	4.54		553	76.33	226.29	302.62
2442320121500	4.54		553	76.33	226.29	302.62
2442320121510	4.54		553	76.33	226.29	302.62
2442320121520	4.54		553	76.33	226.29	302.62
2442320121530	4.54		553	76.33	226.29	302.62
2442320121540	4.54		645	76.33	263.93	340.26

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320121550	4.54		645	76.33	263.93	340.26
2442320121560	4.54		847	76.33	346.59	422.92
2442320121570	4.54		847	76.33	346.59	422.92
2442320121580	4.54		369	76.33	150.99	227.32
2442320121590	4.54		369	76.33	150.99	227.32
2442320121600	4.54		553	76.33	226.29	302.62
2442320121610	4.54		553	76.33	226.29	302.62
2442320121620	4.54		553	76.33	226.29	302.62
2442320121630	4.54		553	76.33	226.29	302.62
2442320121640	4.54		553	76.33	226.29	302.62
2442320121650	4.54		553	76.33	226.29	302.62
2442320121660	4.54		553	76.33	226.29	302.62
2442320121670	4.54		553	76.33	226.29	302.62
2442320121680	4.54		553	76.33	226.29	302.62
2442320121690	4.54		553	76.33	226.29	302.62
2442320121700	4.54		645	76.33	263.93	340.26
2442320121710	4.54		645	76.33	263.93	340.26
2442320121720	4.54		847	76.33	346.59	422.92
2442320121730	4.54		847	76.33	346.59	422.92
2442320121740	4.54		369	76.33	150.99	227.32
2442320121750	4.54		369	76.33	150.99	227.32
2442320121760	4.54		553	76.33	226.29	302.62
2442320121770	4.54		553	76.33	226.29	302.62
2442320121780	4.54		553	76.33	226.29	302.62
2442320121790	4.54		553	76.33	226.29	302.62
2442320121800	4.54		553	76.33	226.29	302.62
2442320121810	4.54		553	76.33	226.29	302.62
2442320121820	4.54		553	76.33	226.29	302.62
2442320121830	4.54		553	76.33	226.29	302.62
2442320121840	4.54		553	76.33	226.29	302.62
2442320121850	4.54		553	76.33	226.29	302.62
2442320121860	4.54		645	76.33	263.93	340.26
2442320121870	4.54		645	76.33	263.93	340.26
2442320130010	4.54		847	76.33	346.59	422.92
2442320130020	4.54		847	76.33	346.59	422.92
2442320130030	4.54		393	76.33	160.82	237.15
2442320130040	4.54		393	76.33	160.82	237.15
2442320130050	4.54		553	76.33	226.29	302.62
2442320130060	4.54		553	76.33	226.29	302.62
2442320130070	4.54		393	76.33	160.82	237.15
2442320130080	4.54		393	76.33	160.82	237.15
2442320130090	4.54		215	76.33	87.98	164.31
2442320130100	4.54		135	76.33	55.24	131.57
2442320130110	4.54		176	76.33	72.02	148.35
2442320130120	4.54		176	76.33	72.02	148.35
2442320130130	4.54		135	76.33	55.24	131.57
2442320130140	4.54		262	76.33	107.21	183.54
2442320130150	4.54		847	76.33	346.59	422.92
2442320130160	4.54		847	76.33	346.59	422.92
2442320130170	4.54		393	76.33	160.82	237.15
2442320130180	4.54		393	76.33	160.82	237.15

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320130190	4.54		553	76.33	226.29	302.62
2442320130200	4.54		553	76.33	226.29	302.62
2442320130210	4.54		393	76.33	160.82	237.15
2442320130220	4.54		393	76.33	160.82	237.15
2442320130230	4.54		553	76.33	226.29	302.62
2442320130240	4.54		553	76.33	226.29	302.62
2442320130250	4.54		553	76.33	226.29	302.62
2442320130260	4.54		553	76.33	226.29	302.62
2442320130270	4.54		553	76.33	226.29	302.62
2442320130280	4.54		553	76.33	226.29	302.62
2442320130290	4.54		593	76.33	242.66	318.99
2442320130300	4.54		593	76.33	242.66	318.99
2442320130310	4.54		847	76.33	346.59	422.92
2442320130320	4.54		847	76.33	346.59	422.92
2442320130330	4.54		393	76.33	160.82	237.15
2442320130340	4.54		393	76.33	160.82	237.15
2442320130350	4.54		553	76.33	226.29	302.62
2442320130360	4.54		772	76.33	315.90	392.23
2442320130370	4.54		393	76.33	160.82	237.15
2442320130380	4.54		393	76.33	160.82	237.15
2442320130390	4.54		553	76.33	226.29	302.62
2442320130400	4.54		553	76.33	226.29	302.62
2442320130410	4.54		553	76.33	226.29	302.62
2442320130420	4.54		553	76.33	226.29	302.62
2442320130430	4.54		553	76.33	226.29	302.62
2442320130440	4.54		553	76.33	226.29	302.62
2442320130450	4.54		593	76.33	242.66	318.99
2442320130460	4.54		593	76.33	242.66	318.99
2442320130470	4.54		847	76.33	346.59	422.92
2442320130480	4.54		847	76.33	346.59	422.92
2442320130490	4.54		393	76.33	160.82	237.15
2442320130500	4.54		393	76.33	160.82	237.15
2442320130510	4.54		553	76.33	226.29	302.62
2442320130520	4.54		553	76.33	226.29	302.62
2442320130530	4.54		393	76.33	160.82	237.15
2442320130540	4.54		393	76.33	160.82	237.15
2442320130550	4.54		553	76.33	226.29	302.62
2442320130560	4.54		553	76.33	226.29	302.62
2442320130580	4.54		553	76.33	226.29	302.62
2442320130590	4.54		1,106	76.33	452.58	528.91
2442320130600	4.54		553	76.33	226.29	302.62
2442320130610	4.54		593	76.33	242.66	318.99
2442320130620	4.54		593	76.33	242.66	318.99
2442320130630	4.54		847	76.33	346.59	422.92
2442320130640	4.54		847	76.33	346.59	422.92
2442320130650	4.54		393	76.33	160.82	237.15
2442320130660	4.54		393	76.33	160.82	237.15
2442320130670	4.54		553	76.33	226.29	302.62
2442320130680	4.54		553	76.33	226.29	302.62
2442320130690	4.54		393	76.33	160.82	237.15
2442320130700	4.54		393	76.33	160.82	237.15

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320130710	4.54		553	76.33	226.29	302.62
2442320130720	4.54		553	76.33	226.29	302.62
2442320130730	4.54		553	76.33	226.29	302.62
2442320130740	4.54		553	76.33	226.29	302.62
2442320130750	4.54		553	76.33	226.29	302.62
2442320130760	4.54		553	76.33	226.29	302.62
2442320130770	4.54		593	76.33	242.66	318.99
2442320130780	4.54		593	76.33	242.66	318.99
2442320130790	4.54		847	76.33	346.59	422.92
2442320130800	4.54		847	76.33	346.59	422.92
2442320130810	4.54		393	76.33	160.82	237.15
2442320130820	4.54		393	76.33	160.82	237.15
2442320130830	4.54		553	76.33	226.29	302.62
2442320130840	4.54		553	76.33	226.29	302.62
2442320130850	4.54		393	76.33	160.82	237.15
2442320130870	4.54		553	76.33	226.29	302.62
2442320130880	4.54		946	76.33	387.10	463.43
2442320130890	4.54		553	76.33	226.29	302.62
2442320130900	4.54		553	76.33	226.29	302.62
2442320130910	4.54		553	76.33	226.29	302.62
2442320130920	4.54		553	76.33	226.29	302.62
2442320130930	4.54		593	76.33	242.66	318.99
2442320130940	4.54		593	76.33	242.66	318.99
2442320130950	4.54		847	76.33	346.59	422.92
2442320130960	4.54		847	76.33	346.59	422.92
2442320130970	4.54		393	76.33	160.82	237.15
2442320130980	4.54		393	76.33	160.82	237.15
2442320130990	4.54		553	76.33	226.29	302.62
2442320131000	4.54		553	76.33	226.29	302.62
2442320131010	4.54		393	76.33	160.82	237.15
2442320131020	4.54		393	76.33	160.82	237.15
2442320131030	4.54		553	76.33	226.29	302.62
2442320131040	4.54		553	76.33	226.29	302.62
2442320131050	4.54		553	76.33	226.29	302.62
2442320131060	4.54		553	76.33	226.29	302.62
2442320131070	4.54		553	76.33	226.29	302.62
2442320131080	4.54		553	76.33	226.29	302.62
2442320131090	4.54		593	76.33	242.66	318.99
2442320131100	4.54		593	76.33	242.66	318.99
2442320131110	4.54		847	76.33	346.59	422.92
2442320131120	4.54		847	76.33	346.59	422.92
2442320131130	4.54		393	76.33	160.82	237.15
2442320131140	4.54		393	76.33	160.82	237.15
2442320131150	4.54		553	76.33	226.29	302.62
2442320131160	4.54		553	76.33	226.29	302.62
2442320131170	4.54		393	76.33	160.82	237.15
2442320131180	4.54		393	76.33	160.82	237.15
2442320131190	4.54		553	76.33	226.29	302.62
2442320131200	4.54		553	76.33	226.29	302.62
2442320131210	4.54		553	76.33	226.29	302.62
2442320131220	4.54		553	76.33	226.29	302.62

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320131230	4.54	553	76.33	226.29	302.62
2442320131250	4.54	593	76.33	242.66	318.99
2442320131260	4.54	1,146	76.33	468.94	545.27
2442320131270	4.54	847	76.33	346.59	422.92
2442320131280	4.54	847	76.33	346.59	422.92
2442320131290	4.54	393	76.33	160.82	237.15
2442320131300	4.54	393	76.33	160.82	237.15
2442320131310	4.54	553	76.33	226.29	302.62
2442320131320	4.54	553	76.33	226.29	302.62
2442320131330	4.54	393	76.33	160.82	237.15
2442320131340	4.54	393	76.33	160.82	237.15
2442320131350	4.54	553	76.33	226.29	302.62
2442320131360	4.54	553	76.33	226.29	302.62
2442320131370	4.54	553	76.33	226.29	302.62
2442320131380	4.54	553	76.33	226.29	302.62
2442320131390	4.54	553	76.33	226.29	302.62
2442320131400	4.54	553	76.33	226.29	302.62
2442320131410	4.54	593	76.33	242.66	318.99
2442320131420	4.54	593	76.33	242.66	318.99
2442320131430	4.54	847	76.33	346.59	422.92
2442320131440	4.54	847	76.33	346.59	422.92
2442320131450	4.54	393	76.33	160.82	237.15
2442320131460	4.54	393	76.33	160.82	237.15
2442320131470	4.54	553	76.33	226.29	302.62
2442320131480	4.54	553	76.33	226.29	302.62
2442320131490	4.54	393	76.33	160.82	237.15
2442320131500	4.54	393	76.33	160.82	237.15
2442320131510	4.54	553	76.33	226.29	302.62
2442320131520	4.54	553	76.33	226.29	302.62
2442320131540	4.54	553	76.33	226.29	302.62
2442320131550	4.54	1,106	76.33	452.58	528.91
2442320131560	4.54	553	76.33	226.29	302.62
2442320131570	4.54	593	76.33	242.66	318.99
2442320131580	4.54	593	76.33	242.66	318.99
2442320131590	4.54	847	76.33	346.59	422.92
2442320131600	4.54	847	76.33	346.59	422.92
2442320131610	4.54	393	76.33	160.82	237.15
2442320131620	4.54	393	76.33	160.82	237.15
2442320131630	4.54	553	76.33	226.29	302.62
2442320131640	4.54	553	76.33	226.29	302.62
2442320131660	4.54	393	76.33	160.82	237.15
2442320131670	4.54	946	76.33	387.10	463.43
2442320131680	4.54	553	76.33	226.29	302.62
2442320131690	4.54	553	76.33	226.29	302.62
2442320131700	4.54	553	76.33	226.29	302.62
2442320131710	4.54	1,146	76.33	468.94	545.27
2442320131720	4.54	553	76.33	226.29	302.62
2442320131740	4.54	593	76.33	242.66	318.99
2442320131750	4.54	847	76.33	346.59	422.92
2442320131760	4.54	847	76.33	346.59	422.92
2442320131770	4.54	393	76.33	160.82	237.15

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320131790	4.54		553	76.33	226.29	302.62
2442320131800	4.54		553	76.33	226.29	302.62
2442320131801	4.54		393	76.33	160.82	237.15
2442320131810	4.54		393	76.33	160.82	237.15
2442320131820	4.54		393	76.33	160.82	237.15
2442320131830	4.54		553	76.33	226.29	302.62
2442320131840	4.54		553	76.33	226.29	302.62
2442320131850	4.54		553	76.33	226.29	302.62
2442320131860	4.54		553	76.33	226.29	302.62
2442320131870	4.54		553	76.33	226.29	302.62
2442320131880	4.54		553	76.33	226.29	302.62
2442320131890	4.54		593	76.33	242.66	318.99
2442320131900	4.54		593	76.33	242.66	318.99
2442320140010	4.54		847	76.33	346.59	422.92
2442320140020	4.54		393	76.33	160.82	237.15
2442320140030	4.54		553	76.33	226.29	302.62
2442320140040	4.54		553	76.33	226.29	302.62
2442320140050	4.54		553	76.33	226.29	302.62
2442320140060	4.54		553	76.33	226.29	302.62
2442320140070	4.54		553	76.33	226.29	302.62
2442320140080	4.54		553	76.33	226.29	302.62
2442320140090	4.54		593	76.33	242.66	318.99
2442320140100	4.54		593	76.33	242.66	318.99
2442320140110	4.54		1,240	76.33	507.41	583.74
2442320140120	4.54		847	76.33	346.59	422.92
2442320140140	4.54		393	76.33	160.82	237.15
2442320140150	4.54		553	76.33	226.29	302.62
2442320140160	4.54		553	76.33	226.29	302.62
2442320140170	4.54		553	76.33	226.29	302.62
2442320140180	4.54		553	76.33	226.29	302.62
2442320140190	4.54		553	76.33	226.29	302.62
2442320140200	4.54		553	76.33	226.29	302.62
2442320140210	4.54		553	76.33	226.29	302.62
2442320140220	4.54		553	76.33	226.29	302.62
2442320140230	4.54		553	76.33	226.29	302.62
2442320140240	4.54		553	76.33	226.29	302.62
2442320140250	4.54		593	76.33	242.66	318.99
2442320140260	4.54		593	76.33	242.66	318.99
2442320140270	4.54		847	76.33	346.59	422.92
2442320140280	4.54		847	76.33	346.59	422.92
2442320140290	4.54		393	76.33	160.82	237.15
2442320140310	4.54		553	76.33	226.29	302.62
2442320140320	4.54		946	76.33	387.10	463.43
2442320140330	4.54		553	76.33	226.29	302.62
2442320140340	4.54		553	76.33	226.29	302.62
2442320140350	4.54		553	76.33	226.29	302.62
2442320140360	4.54		553	76.33	226.29	302.62
2442320140370	4.54		1,106	76.33	452.58	528.91
2442320140380	4.54		553	76.33	226.29	302.62
2442320140400	4.54		553	76.33	226.29	302.62
2442320140410	4.54		593	76.33	242.66	318.99

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320140420	4.54	593	76.33	242.66	318.99
2442320140430	4.54	847	76.33	346.59	422.92
2442320140440	4.54	847	76.33	346.59	422.92
2442320140450	4.54	393	76.33	160.82	237.15
2442320140460	4.54	393	76.33	160.82	237.15
2442320140470	4.54	553	76.33	226.29	302.62
2442320140490	4.54	553	76.33	226.29	302.62
2442320140500	4.54	1,106	76.33	452.58	528.91
2442320140510	4.54	553	76.33	226.29	302.62
2442320140520	4.54	553	76.33	226.29	302.62
2442320140530	4.54	553	76.33	226.29	302.62
2442320140540	4.54	553	76.33	226.29	302.62
2442320140550	4.54	553	76.33	226.29	302.62
2442320140560	4.54	553	76.33	226.29	302.62
2442320140570	4.54	593	76.33	242.66	318.99
2442320140580	4.54	593	76.33	242.66	318.99
2442320140590	4.54	847	76.33	346.59	422.92
2442320140600	4.54	847	76.33	346.59	422.92
2442320140610	4.54	393	76.33	160.82	237.15
2442320140620	4.54	393	76.33	160.82	237.15
2442320140630	4.54	553	76.33	226.29	302.62
2442320140640	4.54	553	76.33	226.29	302.62
2442320140650	4.54	553	76.33	226.29	302.62
2442320140660	4.54	553	76.33	226.29	302.62
2442320140670	4.54	553	76.33	226.29	302.62
2442320140680	4.54	553	76.33	226.29	302.62
2442320140690	4.54	553	76.33	226.29	302.62
2442320140700	4.54	553	76.33	226.29	302.62
2442320140710	4.54	553	76.33	226.29	302.62
2442320140720	4.54	553	76.33	226.29	302.62
2442320140730	4.54	593	76.33	242.66	318.99
2442320140740	4.54	593	76.33	242.66	318.99
2442320140750	4.54	847	76.33	346.59	422.92
2442320140760	4.54	847	76.33	346.59	422.92
2442320140770	4.54	393	76.33	160.82	237.15
2442320140780	4.54	393	76.33	160.82	237.15
2442320140790	4.54	553	76.33	226.29	302.62
2442320140800	4.54	553	76.33	226.29	302.62
2442320140810	4.54	553	76.33	226.29	302.62
2442320140820	4.54	553	76.33	226.29	302.62
2442320140830	4.54	553	76.33	226.29	302.62
2442320140840	4.54	553	76.33	226.29	302.62
2442320140850	4.54	553	76.33	226.29	302.62
2442320140860	4.54	553	76.33	226.29	302.62
2442320140870	4.54	553	76.33	226.29	302.62
2442320140880	4.54	553	76.33	226.29	302.62
2442320140890	4.54	593	76.33	242.66	318.99
2442320140900	4.54	593	76.33	242.66	318.99
2442320140910	4.54	847	76.33	346.59	422.92
2442320140920	4.54	847	76.33	346.59	422.92
2442320140930	4.54	393	76.33	160.82	237.15

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320140940	4.54		393	76.33	160.82	237.15
2442320140950	4.54		553	76.33	226.29	302.62
2442320140960	4.54		553	76.33	226.29	302.62
2442320140970	4.54		553	76.33	226.29	302.62
2442320140980	4.54		553	76.33	226.29	302.62
2442320140990	4.54		553	76.33	226.29	302.62
2442320141000	4.54		553	76.33	226.29	302.62
2442320141010	4.54		553	76.33	226.29	302.62
2442320141020	4.54		553	76.33	226.29	302.62
2442320141030	4.54		553	76.33	226.29	302.62
2442320141040	4.54		553	76.33	226.29	302.62
2442320141050	4.54		593	76.33	242.66	318.99
2442320141060	4.54		593	76.33	242.66	318.99
2442320141070	4.54		847	76.33	346.59	422.92
2442320141080	4.54		847	76.33	346.59	422.92
2442320141090	4.54		393	76.33	160.82	237.15
2442320141100	4.54		393	76.33	160.82	237.15
2442320141110	4.54		553	76.33	226.29	302.62
2442320141120	4.54		553	76.33	226.29	302.62
2442320141130	4.54		553	76.33	226.29	302.62
2442320141140	4.54		553	76.33	226.29	302.62
2442320141150	4.54		553	76.33	226.29	302.62
2442320141160	4.54		553	76.33	226.29	302.62
2442320141170	4.54		553	76.33	226.29	302.62
2442320141180	4.54		553	76.33	226.29	302.62
2442320141190	4.54		553	76.33	226.29	302.62
2442320141200	4.54		553	76.33	226.29	302.62
2442320141210	4.54		593	76.33	242.66	318.99
2442320141220	4.54		593	76.33	242.66	318.99
2442320141230	4.54		847	76.33	346.59	422.92
2442320141240	4.54		847	76.33	346.59	422.92
2442320141250	4.54		393	76.33	160.82	237.15
2442320141260	4.54		393	76.33	160.82	237.15
2442320141270	4.54		553	76.33	226.29	302.62
2442320141280	4.54		553	76.33	226.29	302.62
2442320141290	4.54		553	76.33	226.29	302.62
2442320141300	4.54		553	76.33	226.29	302.62
2442320141310	4.54		553	76.33	226.29	302.62
2442320141320	4.54		553	76.33	226.29	302.62
2442320141330	4.54		553	76.33	226.29	302.62
2442320141340	4.54		553	76.33	226.29	302.62
2442320141350	4.54		553	76.33	226.29	302.62
2442320141360	4.54		553	76.33	226.29	302.62
2442320141370	4.54		593	76.33	242.66	318.99
2442320141380	4.54		593	76.33	242.66	318.99
2442320141390	4.54		847	76.33	346.59	422.92
2442320141400	4.54		847	76.33	346.59	422.92
2442320141410	4.54		393	76.33	160.82	237.15
2442320141430	4.54		553	76.33	226.29	302.62
2442320141440	4.54		946	76.33	387.10	463.43
2442320141450	4.54		553	76.33	226.29	302.62

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320141460	4.54		553	76.33	226.29	302.62
2442320141470	4.54		553	76.33	226.29	302.62
2442320141480	4.54		553	76.33	226.29	302.62
2442320141490	4.54		553	76.33	226.29	302.62
2442320141500	4.54		553	76.33	226.29	302.62
2442320141510	4.54		553	76.33	226.29	302.62
2442320141520	4.54		553	76.33	226.29	302.62
2442320141530	4.54		593	76.33	242.66	318.99
2442320141540	4.54		593	76.33	242.66	318.99
2442320141550	4.54		847	76.33	346.59	422.92
2442320141560	4.54		847	76.33	346.59	422.92
2442320141570	4.54		393	76.33	160.82	237.15
2442320141580	4.54		393	76.33	160.82	237.15
2442320141590	4.54		553	76.33	226.29	302.62
2442320141600	4.54		553	76.33	226.29	302.62
2442320141610	4.54		553	76.33	226.29	302.62
2442320141620	4.54		553	76.33	226.29	302.62
2442320141630	4.54		553	76.33	226.29	302.62
2442320141640	4.54		553	76.33	226.29	302.62
2442320141650	4.54		553	76.33	226.29	302.62
2442320141660	4.54		553	76.33	226.29	302.62
2442320141670	4.54		553	76.33	226.29	302.62
2442320141680	4.54		553	76.33	226.29	302.62
2442320141690	4.54		593	76.33	242.66	318.99
2442320141700	4.54		593	76.33	242.66	318.99
2442320141710	4.54		847	76.33	346.59	422.92
2442320141720	4.54		847	76.33	346.59	422.92
2442320141730	4.54		393	76.33	160.82	237.15
2442320141740	4.54		393	76.33	160.82	237.15
2442320141750	4.54		553	76.33	226.29	302.62
2442320141760	4.54		553	76.33	226.29	302.62
2442320141770	4.54		553	76.33	226.29	302.62
2442320141780	4.54		553	76.33	226.29	302.62
2442320141790	4.54		553	76.33	226.29	302.62
2442320141800	4.54		553	76.33	226.29	302.62
2442320141810	4.54		1,106	76.33	452.58	528.91
2442320141820	4.54		553	76.33	226.29	302.62
2442320141840	4.54		553	76.33	226.29	302.62
2442320141850	4.54		593	76.33	242.66	318.99
2442320141860	4.54		593	76.33	242.66	318.99
2442320150010	4.54		944	76.33	386.28	462.61
2442320150020	4.54		661	76.33	270.48	346.81
2442320150030	4.54		661	76.33	270.48	346.81
2442320150040	4.54		944	76.33	386.28	462.61
2442320150050	4.54		944	76.33	386.28	462.61
2442320150060	4.54		661	76.33	270.48	346.81
2442320150070	4.54		661	76.33	270.48	346.81
2442320150080	4.54		944	76.33	386.28	462.61
2442320150090	4.54		944	76.33	386.28	462.61
2442320150100	4.54		661	76.33	270.48	346.81
2442320150110	4.54		661	76.33	270.48	346.81

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320150120	4.54	944	76.33	386.28	462.61
2442320150130	4.54	1,604	76.33	656.36	732.69
2442320150150	4.54	661	76.33	270.48	346.81
2442320150160	4.54	944	76.33	386.28	462.61
2442320150170	4.54	944	76.33	386.28	462.61
2442320150180	4.54	661	76.33	270.48	346.81
2442320150190	4.54	661	76.33	270.48	346.81
2442320150200	4.54	944	76.33	386.28	462.61
2442320150210	4.54	944	76.33	386.28	462.61
2442320150220	4.54	661	76.33	270.48	346.81
2442320150230	4.54	661	76.33	270.48	346.81
2442320150240	4.54	944	76.33	386.28	462.61
2442320150250	4.54	944	76.33	386.28	462.61
2442320150260	4.54	661	76.33	270.48	346.81
2442320150270	4.54	661	76.33	270.48	346.81
2442320150280	4.54	944	76.33	386.28	462.61
2442320150290	4.54	944	76.33	386.28	462.61
2442320150300	4.54	661	76.33	270.48	346.81
2442320150310	4.54	661	76.33	270.48	346.81
2442320150320	4.54	944	76.33	386.28	462.61
2442320150330	4.54	1,432	76.33	585.97	662.30
2442320150340	4.54	1,432	76.33	585.97	662.30
2442320150350	4.54	1,432	76.33	585.97	662.30
2442320160010	4.54	1,213	76.33	496.36	572.69
2442320160020	4.54	1,213	76.33	496.36	572.69
2442320160030	4.54	1,213	76.33	496.36	572.69
2442320160040	4.54	1,213	76.33	496.36	572.69
2442320160050	4.54	1,213	76.33	496.36	572.69
2442320160060	4.54	1,213	76.33	496.36	572.69
2442320160070	4.54	1,213	76.33	496.36	572.69
2442320160080	4.54	1,213	76.33	496.36	572.69
2442320160090	4.54	1,213	76.33	496.36	572.69
2442320160100	4.54	1,213	76.33	496.36	572.69
2442320160110	4.54	1,236	76.33	505.77	582.10
2442320160120	4.54	1,236	76.33	505.77	582.10
2442320160130	4.54	718	76.33	293.81	370.14
2442320160140	4.54	785	76.33	321.22	397.55
2442320160150	4.54	785	76.33	321.22	397.55
2442320160160	4.54	785	76.33	321.22	397.55
2442320160170	4.54	785	76.33	321.22	397.55
2442320160180	4.54	785	76.33	321.22	397.55
2442320160190	4.54	785	76.33	321.22	397.55
2442320160200	4.54	785	76.33	321.22	397.55
2442320160210	4.54	785	76.33	321.22	397.55
2442320160220	4.54	1,299	76.33	531.55	607.88
2442320160230	4.54	886	76.33	362.55	438.88
2442320160240	4.54	656	76.33	268.44	344.77
2442320160250	4.54	656	76.33	268.44	344.77
2442320160260	4.54	656	76.33	268.44	344.77
2442320160270	4.54	656	76.33	268.44	344.77
2442320160280	4.54	656	76.33	268.44	344.77

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320160290	4.54	656	76.33	268.44	344.77
2442320160300	4.54	656	76.33	268.44	344.77
2442320160310	4.54	1,278	76.33	522.96	599.29
2442320160320	4.54	938	76.33	383.83	460.16
2442320160330	4.54	592	76.33	242.25	318.58
2442320160340	4.54	592	76.33	242.25	318.58
2442320160350	4.54	592	76.33	242.25	318.58
2442320160370	4.54	592	76.33	242.25	318.58
2442320160380	4.54	592	76.33	242.25	318.58
2442320160390	4.54	592	76.33	242.25	318.58
2442320160400	4.54	1,226	76.33	501.68	578.01
2442320160410	4.54	845	76.33	345.77	422.10
2442320160420	4.54	862	76.33	352.73	429.06
2442320160430	4.54	862	76.33	352.73	429.06
2442320160440	4.54	862	76.33	352.73	429.06
2442320160450	4.54	862	76.33	352.73	429.06
2442320160460	4.54	862	76.33	352.73	429.06
2442320160470	4.54	1,406	76.33	575.34	651.67
2442320160480	4.54	1,090	76.33	446.03	522.36
2442320160490	4.54	862	76.33	352.73	429.06
2442320160500	4.54	862	76.33	352.73	429.06
2442320160510	4.54	862	76.33	352.73	429.06
2442320160520	4.54	862	76.33	352.73	429.06
2442320160530	4.54	862	76.33	352.73	429.06
2442320160540	4.54	1,406	76.33	575.34	651.67
2442320160550	4.54	1,051	76.33	430.07	506.40
2442320160560	4.54	856	76.33	350.28	426.61
2442320160570	4.54	856	76.33	350.28	426.61
2442320160580	4.54	856	76.33	350.28	426.61
2442320160590	4.54	1,510	76.33	617.89	694.22
2442320160600	4.54	1,104	76.33	451.76	528.09
2442320160610	4.54	856	76.33	350.28	426.61
2442320160620	4.54	856	76.33	350.28	426.61
2442320160630	4.54	856	76.33	350.28	426.61
2442320160640	4.54	1,510	76.33	617.89	694.22
2442320160650	4.54	1,066	76.33	436.21	512.54
2442320160660	4.54	1,393	76.33	570.02	646.35
2442320160670	4.54	1,406	76.33	575.34	651.67
2442320160680	4.54	1,090	76.33	446.03	522.36
2442320160690	4.54	1,393	76.33	570.02	646.35
2442320160700	4.54	1,406	76.33	575.34	651.67
2442320160710	4.54	1,051	76.33	430.07	506.40
2442320160720	4.54	564	76.33	230.79	307.12
2442320160730	4.54	564	76.33	230.79	307.12
2442320160740	4.54	564	76.33	230.79	307.12
2442320160750	4.54	564	76.33	230.79	307.12
2442320160760	4.54	564	76.33	230.79	307.12
2442320160770	4.54	564	76.33	230.79	307.12
2442320160780	4.54	564	76.33	230.79	307.12
2442320160790	4.54	564	76.33	230.79	307.12
2442320160800	4.54	564	76.33	230.79	307.12

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320160810	4.54	564	76.33	230.79	307.12
2442320160820	4.54	603	76.33	246.75	323.08
2442320160830	4.54	603	76.33	246.75	323.08
2442320160840	4.54	1,179	76.33	482.45	558.78
2442320160850	4.54	862	76.33	352.73	429.06
2442320160860	4.54	862	76.33	352.73	429.06
2442320160870	4.54	862	76.33	352.73	429.06
2442320160880	4.54	862	76.33	352.73	429.06
2442320160890	4.54	862	76.33	352.73	429.06
2442320160900	4.54	862	76.33	352.73	429.06
2442320160910	4.54	862	76.33	352.73	429.06
2442320160920	4.54	862	76.33	352.73	429.06
2442320160930	4.54	1,210	76.33	495.13	571.46
2442320160940	4.54	924	76.33	378.10	454.43
2442320160950	4.54	924	76.33	378.10	454.43
2442320160960	4.54	1,516	76.33	620.35	696.68
2442320160970	4.54	924	76.33	378.10	454.43
2442320160980	4.54	924	76.33	378.10	454.43
2442320160990	4.54	924	76.33	378.10	454.43
2442320161000	4.54	924	76.33	378.10	454.43
2442320161010	4.54	924	76.33	378.10	454.43
2442320161020	4.54	888	76.33	363.37	439.70
2442320161030	4.54	1,265	76.33	517.64	593.97
2442320161040	4.54	1,011	76.33	413.70	490.03
2442320161050	4.54	856	76.33	350.28	426.61
2442320161060	4.54	856	76.33	350.28	426.61
2442320161070	4.54	856	76.33	350.28	426.61
2442320161080	4.54	856	76.33	350.28	426.61
2442320161090	4.54	856	76.33	350.28	426.61
2442320161100	4.54	856	76.33	350.28	426.61
2442320161110	4.54	856	76.33	350.28	426.61
2442320161120	4.54	856	76.33	350.28	426.61
2442320161130	4.54	1,035	76.33	423.52	499.85
2442320161140	4.54	1,217	76.33	498.00	574.33
2442320161150	4.54	856	76.33	350.28	426.61
2442320161160	4.54	856	76.33	350.28	426.61
2442320161170	4.54	856	76.33	350.28	426.61
2442320161180	4.54	856	76.33	350.28	426.61
2442320161190	4.54	856	76.33	350.28	426.61
2442320161200	4.54	856	76.33	350.28	426.61
2442320161210	4.54	856	76.33	350.28	426.61
2442320161220	4.54	856	76.33	350.28	426.61
2442320161230	4.54	856	76.33	350.28	426.61
2442320161240	4.54	1,035	76.33	423.52	499.85
2442320161250	4.54	1,011	76.33	413.70	490.03
2442320161260	4.54	862	76.33	352.73	429.06
2442320161270	4.54	862	76.33	352.73	429.06
2442320161280	4.54	862	76.33	352.73	429.06
2442320161290	4.54	862	76.33	352.73	429.06
2442320161300	4.54	862	76.33	352.73	429.06
2442320161310	4.54	862	76.33	352.73	429.06

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320161320	4.54	862	76.33	352.73	429.06
2442320161330	4.54	862	76.33	352.73	429.06
2442320161340	4.54	1,217	76.33	498.00	574.33
2442320161350	4.54	1,011	76.33	413.70	490.03
2442320161360	4.54	862	76.33	352.73	429.06
2442320161370	4.54	862	76.33	352.73	429.06
2442320161380	4.54	862	76.33	352.73	429.06
2442320161390	4.54	862	76.33	352.73	429.06
2442320161400	4.54	862	76.33	352.73	429.06
2442320161410	4.54	862	76.33	352.73	429.06
2442320161420	4.54	862	76.33	352.73	429.06
2442320161430	4.54	862	76.33	352.73	429.06
2442320161440	4.54	1,217	76.33	498.00	574.33
2442320161450	4.54	1,193	76.33	488.18	564.51
2442320161460	4.54	856	76.33	350.28	426.61
2442320161470	4.54	856	76.33	350.28	426.61
2442320161480	4.54	856	76.33	350.28	426.61
2442320161490	4.54	856	76.33	350.28	426.61
2442320161500	4.54	856	76.33	350.28	426.61
2442320161510	4.54	856	76.33	350.28	426.61
2442320161520	4.54	856	76.33	350.28	426.61
2442320161530	4.54	856	76.33	350.28	426.61
2442320161540	4.54	1,035	76.33	423.52	499.85
2442320161550	4.54	1,193	76.33	488.18	564.51
2442320161560	4.54	856	76.33	350.28	426.61
2442320161570	4.54	856	76.33	350.28	426.61
2442320161580	4.54	856	76.33	350.28	426.61
2442320161590	4.54	856	76.33	350.28	426.61
2442320161600	4.54	856	76.33	350.28	426.61
2442320161610	4.54	856	76.33	350.28	426.61
2442320161620	4.54	856	76.33	350.28	426.61
2442320161630	4.54	856	76.33	350.28	426.61
2442320161640	4.54	1,217	76.33	498.00	574.33
2442320161650	4.54	1,193	76.33	488.18	564.51
2442320161660	4.54	609	76.33	249.20	325.53
2442320161670	4.54	609	76.33	249.20	325.53
2442320161680	4.54	609	76.33	249.20	325.53
2442320161690	4.54	609	76.33	249.20	325.53
2442320161700	4.54	609	76.33	249.20	325.53
2442320161720	4.54	609	76.33	249.20	325.53
2442320161730	4.54	609	76.33	249.20	325.53
2442320161740	4.54	1,217	76.33	498.00	574.33
2442320161750	4.54	1,193	76.33	488.18	564.51
2442320161760	4.54	862	76.33	352.73	429.06
2442320161780	4.54	862	76.33	352.73	429.06
2442320161790	4.54	862	76.33	352.73	429.06
2442320161800	4.54	862	76.33	352.73	429.06
2442320161810	4.54	862	76.33	352.73	429.06
2442320161820	4.54	862	76.33	352.73	429.06
2442320161830	4.54	862	76.33	352.73	429.06
2442320161840	4.54	1,035	76.33	423.52	499.85

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320161850	4.54	1,034	76.33	423.11	499.44
2442320161860	4.54	1,217	76.33	498.00	574.33
2442320161870	4.54	634	76.33	259.43	335.76
2442320161880	4.54	634	76.33	259.43	335.76
2442320161890	4.54	634	76.33	259.43	335.76
2442320161900	4.54	634	76.33	259.43	335.76
2442320161910	4.54	634	76.33	259.43	335.76
2442320161930	4.54	634	76.33	259.43	335.76
2442320161940	4.54	634	76.33	259.43	335.76
2442320161950	4.54	617	76.33	252.48	328.81
2442320161960	4.54	1,217	76.33	498.00	574.33
2442320161970	4.54	609	76.33	249.20	325.53
2442320161980	4.54	623	76.33	254.93	331.26
2442320161990	4.54	856	76.33	350.28	426.61
2442320162000	4.54	1,718	76.33	703.01	779.34
2442320162010	4.54	856	76.33	350.28	426.61
2442320162020	4.54	856	76.33	350.28	426.61
2442320162030	4.54	856	76.33	350.28	426.61
2442320162040	4.54	856	76.33	350.28	426.61
2442320162050	4.54	856	76.33	350.28	426.61
2442320162060	4.54	856	76.33	350.28	426.61
2442320162070	4.54	1,217	76.33	498.00	574.33
2442320162080	4.54	862	76.33	352.73	429.06
2442320162090	4.54	862	76.33	352.73	429.06
2442320162100	4.54	862	76.33	352.73	429.06
2442320162110	4.54	862	76.33	352.73	429.06
2442320162120	4.54	862	76.33	352.73	429.06
2442320162130	4.54	862	76.33	352.73	429.06
2442320162140	4.54	1,496	76.33	612.16	688.49
2442320162150	4.54	862	76.33	352.73	429.06
2442320162160	4.54	1,406	76.33	575.34	651.67
2442320162170	4.54	1,051	76.33	430.07	506.40
2442320162180	4.54	1,223	76.33	500.45	576.78
2442320162190	4.54	870	76.33	356.00	432.33
2442320162200	4.54	862	76.33	352.73	429.06
2442320162210	4.54	862	76.33	352.73	429.06
2442320162220	4.54	862	76.33	352.73	429.06
2442320162230	4.54	862	76.33	352.73	429.06
2442320162240	4.54	862	76.33	352.73	429.06
2442320162250	4.54	862	76.33	352.73	429.06
2442320162260	4.54	862	76.33	352.73	429.06
2442320162270	4.54	862	76.33	352.73	429.06
2442320162280	4.54	1,406	76.33	575.34	651.67
2442320162290	4.54	1,090	76.33	446.03	522.36
2442320162300	4.54	1,035	76.33	423.52	499.85
2442320162310	4.54	856	76.33	350.28	426.61
2442320162320	4.54	856	76.33	350.28	426.61
2442320162330	4.54	856	76.33	350.28	426.61
2442320162340	4.54	856	76.33	350.28	426.61
2442320162350	4.54	856	76.33	350.28	426.61
2442320162360	4.54	856	76.33	350.28	426.61

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320162370	4.54	1,510	76.33	617.89	694.22
2442320162380	4.54	1,066	76.33	436.21	512.54
2442320162390	4.54	856	76.33	350.28	426.61
2442320162400	4.54	856	76.33	350.28	426.61
2442320162410	4.54	856	76.33	350.28	426.61
2442320162420	4.54	856	76.33	350.28	426.61
2442320162430	4.54	856	76.33	350.28	426.61
2442320162440	4.54	856	76.33	350.28	426.61
2442320162450	4.54	1,510	76.33	617.89	694.22
2442320162460	4.54	1,104	76.33	451.76	528.09
2442320162470	4.54	1,221	76.33	499.63	575.96
2442320162480	4.54	873	76.33	357.23	433.56
2442320162490	4.54	862	76.33	352.73	429.06
2442320162500	4.54	862	76.33	352.73	429.06
2442320162510	4.54	862	76.33	352.73	429.06
2442320162520	4.54	862	76.33	352.73	429.06
2442320162530	4.54	1,406	76.33	575.34	651.67
2442320162540	4.54	1,051	76.33	430.07	506.40
2442320162550	4.54	862	76.33	352.73	429.06
2442320162560	4.54	862	76.33	352.73	429.06
2442320162570	4.54	862	76.33	352.73	429.06
2442320162580	4.54	862	76.33	352.73	429.06
2442320162590	4.54	1,406	76.33	575.34	651.67
2442320162600	4.54	1,090	76.33	446.03	522.36
2442320162610	4.54	1,034	76.33	423.11	499.44
2442320162620	4.54	1,046	76.33	428.02	504.35
2442320162630	4.54	1,046	76.33	428.02	504.35
2442320162640	4.54	1,051	76.33	430.07	506.40
2442320162650	4.54	1,034	76.33	423.11	499.44
2442320162660	4.54	1,046	76.33	428.02	504.35
2442320162670	4.54	1,046	76.33	428.02	504.35
2442320162680	4.54	1,090	76.33	446.03	522.36
2442320162690	4.54	1,819	76.33	744.33	820.66
2442320162700	4.54	1,456	76.33	595.80	672.13
2442320162710	4.54	1,719	76.33	703.41	779.74
2442320162720	4.54	1,456	76.33	595.80	672.13
2442320162730	4.54	1,719	76.33	703.41	779.74
2442320162740	4.54	1,456	76.33	595.80	672.13
2442320162750	4.54	1,719	76.33	703.41	779.74
2442320162760	4.54	1,516	76.33	620.35	696.68
2442320162770	4.54	1,776	76.33	726.74	803.07
2442320162780	4.54	1,456	76.33	595.80	672.13
2442320162790	4.54	1,719	76.33	703.41	779.74
2442320162800	4.54	1,559	76.33	637.94	714.27
2442320162810	4.54	1,819	76.33	744.33	820.66
2442320162820	4.54	1,516	76.33	620.35	696.68
2442320162830	4.54	1,819	76.33	744.33	820.66
2442320162840	4.54	1,456	76.33	595.80	672.13
2442320162850	4.54	1,719	76.33	703.41	779.74
2442320162860	4.54	1,559	76.33	637.94	714.27
2442320170010	4.54	873	76.33	357.23	433.56

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320170020	4.54		873	76.33	357.23	433.56
2442320170030	4.54		873	76.33	357.23	433.56
2442320170040	4.54		873	76.33	357.23	433.56
2442320170050	4.54		873	76.33	357.23	433.56
2442320170060	4.54		873	76.33	357.23	433.56
2442320170070	4.54		873	76.33	357.23	433.56
2442320170080	4.54		873	76.33	357.23	433.56
2442320170090	4.54		873	76.33	357.23	433.56
2442320170100	4.54		873	76.33	357.23	433.56
2442320170110	4.54		873	76.33	357.23	433.56
2442320170120	4.54		873	76.33	357.23	433.56
2442320170130	4.54		873	76.33	357.23	433.56
2442320170140	4.54		873	76.33	357.23	433.56
2442320170150	4.54		873	76.33	357.23	433.56
2442320180010	4.54		1,119	76.33	457.89	534.22
2442320180020	4.54		859	76.33	351.50	427.83
2442320180030	4.54		859	76.33	351.50	427.83
2442320180040	4.54		843	76.33	344.96	421.29
2442320180050	4.54		859	76.33	351.50	427.83
2442320180060	4.54		859	76.33	351.50	427.83
2442320180070	4.54		843	76.33	344.96	421.29
2442320180080	4.54		859	76.33	351.50	427.83
2442320180090	4.54		859	76.33	351.50	427.83
2442320180100	4.54		843	76.33	344.96	421.29
2442320180110	4.54		843	76.33	344.96	421.29
2442320180120	4.54		843	76.33	344.96	421.29
2442320180130	4.54		819	76.33	335.13	411.46
2442320180140	4.54		1,675	76.33	685.41	761.74
2442320180150	4.54		819	76.33	335.13	411.46
2442320180160	4.54		819	76.33	335.13	411.46
2442320180170	4.54		819	76.33	335.13	411.46
2442320180180	4.54		819	76.33	335.13	411.46
2442320180190	4.54		819	76.33	335.13	411.46
2442320180200	4.54		819	76.33	335.13	411.46
2442320180210	4.54		1,096	76.33	448.48	524.81
2442320180220	4.54		819	76.33	335.13	411.46
2442320180230	4.54		819	76.33	335.13	411.46
2442320180240	4.54		857	76.33	350.68	427.01
2442320180250	4.54		857	76.33	350.68	427.01
2442320180270	4.54		857	76.33	350.68	427.01
2442320180280	4.54		857	76.33	350.68	427.01
2442320180290	4.54		857	76.33	350.68	427.01
2442320180300	4.54		857	76.33	350.68	427.01
2442320180310	4.54		1,126	76.33	460.76	537.09
2442320180320	4.54		857	76.33	350.68	427.01
2442320180330	4.54		1,046	76.33	428.02	504.35
2442320180340	4.54		1,023	76.33	418.61	494.94
2442320180350	4.54		964	76.33	394.47	470.80
2442320180360	4.54		964	76.33	394.47	470.80
2442320180370	4.54		964	76.33	394.47	470.80
2442320180380	4.54		964	76.33	394.47	470.80

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320180390	4.54	964	76.33	394.47	470.80
2442320180400	4.54	964	76.33	394.47	470.80
2442320180410	4.54	964	76.33	394.47	470.80
2442320180420	4.54	964	76.33	394.47	470.80
2442320180430	4.54	1,374	76.33	562.24	638.57
2442320180440	4.54	1,025	76.33	419.43	495.76
2442320180450	4.54	765	76.33	313.04	389.37
2442320180460	4.54	864	76.33	353.55	429.88
2442320180470	4.54	864	76.33	353.55	429.88
2442320180480	4.54	864	76.33	353.55	429.88
2442320180490	4.54	864	76.33	353.55	429.88
2442320180500	4.54	864	76.33	353.55	429.88
2442320180510	4.54	1,126	76.33	460.76	537.09
2442320180520	4.54	864	76.33	353.55	429.88
2442320180530	4.54	1,241	76.33	507.82	584.15
2442320180540	4.54	1,046	76.33	428.02	504.35
2442320180550	4.54	1,241	76.33	507.82	584.15
2442320180560	4.54	1,126	76.33	460.76	537.09
2442320180570	4.54	859	76.33	351.50	427.83
2442320180580	4.54	1,126	76.33	460.76	537.09
2442320180590	4.54	1,126	76.33	460.76	537.09
2442320180600	4.54	1,126	76.33	460.76	537.09
2442320180610	4.54	857	76.33	350.68	427.01
2442320180620	4.54	1,292	76.33	528.69	605.02
2442320180630	4.54	901	76.33	368.69	445.02
2442320180640	4.54	857	76.33	350.68	427.01
2442320180650	4.54	857	76.33	350.68	427.01
2442320180660	4.54	857	76.33	350.68	427.01
2442320180670	4.54	857	76.33	350.68	427.01
2442320180680	4.54	857	76.33	350.68	427.01
2442320180690	4.54	1,241	76.33	507.82	584.15
2442320180700	4.54	1,046	76.33	428.02	504.35
2442320180710	4.54	889	76.33	363.78	440.11
2442320180720	4.54	901	76.33	368.69	445.02
2442320180730	4.54	901	76.33	368.69	445.02
2442320180740	4.54	901	76.33	368.69	445.02
2442320180750	4.54	938	76.33	383.83	460.16
2442320180760	4.54	901	76.33	368.69	445.02
2442320180770	4.54	889	76.33	363.78	440.11
2442320180780	4.54	901	76.33	368.69	445.02
2442320180790	4.54	901	76.33	368.69	445.02
2442320180800	4.54	901	76.33	368.69	445.02
2442320180810	4.54	901	76.33	368.69	445.02
2442320180820	4.54	811	76.33	331.86	408.19
2442320180830	4.54	830	76.33	339.64	415.97
2442320180840	4.54	830	76.33	339.64	415.97
2442320180850	4.54	830	76.33	339.64	415.97
2442320180860	4.54	830	76.33	339.64	415.97
2442320180870	4.54	830	76.33	339.64	415.97
2442320180880	4.54	830	76.33	339.64	415.97
2442320180890	4.54	830	76.33	339.64	415.97

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320180900	4.54	830	76.33	339.64	415.97
2442320180910	4.54	830	76.33	339.64	415.97
2442320180920	4.54	850	76.33	347.82	424.15
2442320180930	4.54	850	76.33	347.82	424.15
2442320180940	4.54	820	76.33	335.54	411.87
2442320180950	4.54	864	76.33	353.55	429.88
2442320180960	4.54	864	76.33	353.55	429.88
2442320180970	4.54	864	76.33	353.55	429.88
2442320180980	4.54	864	76.33	353.55	429.88
2442320180990	4.54	864	76.33	353.55	429.88
2442320181000	4.54	864	76.33	353.55	429.88
2442320181010	4.54	864	76.33	353.55	429.88
2442320181020	4.54	864	76.33	353.55	429.88
2442320181030	4.54	864	76.33	353.55	429.88
2442320181040	4.54	864	76.33	353.55	429.88
2442320181050	4.54	864	76.33	353.55	429.88
2442320181060	4.54	1,028	76.33	420.66	496.99
2442320181070	4.54	1,028	76.33	420.66	496.99
2442320181080	4.54	1,028	76.33	420.66	496.99
2442320181090	4.54	1,028	76.33	420.66	496.99
2442320181100	4.54	1,028	76.33	420.66	496.99
2442320181110	4.54	1,028	76.33	420.66	496.99
2442320181120	4.54	1,028	76.33	420.66	496.99
2442320181130	4.54	1,028	76.33	420.66	496.99
2442320181140	4.54	1,028	76.33	420.66	496.99
2442320181150	4.54	1,028	76.33	420.66	496.99
2442320181160	4.54	1,028	76.33	420.66	496.99
2442320181170	4.54	1,028	76.33	420.66	496.99
2442320181180	4.54	1,068	76.33	437.03	513.36
2442320181190	4.54	1,126	76.33	460.76	537.09
2442320181210	4.54	857	76.33	350.68	427.01
2442320181220	4.54	857	76.33	350.68	427.01
2442320181230	4.54	1,713	76.33	700.96	777.29
2442320181240	4.54	857	76.33	350.68	427.01
2442320181250	4.54	857	76.33	350.68	427.01
2442320181260	4.54	857	76.33	350.68	427.01
2442320181270	4.54	857	76.33	350.68	427.01
2442320181280	4.54	857	76.33	350.68	427.01
2442320181290	4.54	857	76.33	350.68	427.01
2442320181300	4.54	857	76.33	350.68	427.01
2442320181310	4.54	857	76.33	350.68	427.01
2442320181320	4.54	857	76.33	350.68	427.01
2442320181330	4.54	857	76.33	350.68	427.01
2442320181340	4.54	857	76.33	350.68	427.01
2442320181350	4.54	857	76.33	350.68	427.01
2442320181360	4.54	857	76.33	350.68	427.01
2442320181370	4.54	857	76.33	350.68	427.01
2442320181380	4.54	857	76.33	350.68	427.01
2442320181390	4.54	857	76.33	350.68	427.01
2442320181400	4.54	857	76.33	350.68	427.01
2442320181410	4.54	851	76.33	348.23	424.56

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320181420	4.54	857	76.33	350.68	427.01
2442320181430	4.54	857	76.33	350.68	427.01
2442320181440	4.54	857	76.33	350.68	427.01
2442320181460	4.54	857	76.33	350.68	427.01
2442320181470	4.54	857	76.33	350.68	427.01
2442320181480	4.54	857	76.33	350.68	427.01
2442320181490	4.54	857	76.33	350.68	427.01
2442320181500	4.54	857	76.33	350.68	427.01
2442320181510	4.54	857	76.33	350.68	427.01
2442320181520	4.54	864	76.33	353.55	429.88
2442320181530	4.54	864	76.33	353.55	429.88
2442320181540	4.54	864	76.33	353.55	429.88
2442320181550	4.54	864	76.33	353.55	429.88
2442320181560	4.54	864	76.33	353.55	429.88
2442320181570	4.54	864	76.33	353.55	429.88
2442320181580	4.54	864	76.33	353.55	429.88
2442320181590	4.54	864	76.33	353.55	429.88
2442320181600	4.54	864	76.33	353.55	429.88
2442320181610	4.54	864	76.33	353.55	429.88
2442320181620	4.54	864	76.33	353.55	429.88
2442320181630	4.54	864	76.33	353.55	429.88
2442320181640	4.54	603	76.33	246.75	323.08
2442320181650	4.54	603	76.33	246.75	323.08
2442320181660	4.54	857	76.33	350.68	427.01
2442320181670	4.54	857	76.33	350.68	427.01
2442320181680	4.54	857	76.33	350.68	427.01
2442320181690	4.54	857	76.33	350.68	427.01
2442320181700	4.54	857	76.33	350.68	427.01
2442320181710	4.54	857	76.33	350.68	427.01
2442320181720	4.54	857	76.33	350.68	427.01
2442320181730	4.54	857	76.33	350.68	427.01
2442320181740	4.54	857	76.33	350.68	427.01
2442320181750	4.54	857	76.33	350.68	427.01
2442320181760	4.54	857	76.33	350.68	427.01
2442320181770	4.54	857	76.33	350.68	427.01
2442320181780	4.54	857	76.33	350.68	427.01
2442320181790	4.54	857	76.33	350.68	427.01
2442320181800	4.54	857	76.33	350.68	427.01
2442320181810	4.54	857	76.33	350.68	427.01
2442320181820	4.54	857	76.33	350.68	427.01
2442320181830	4.54	857	76.33	350.68	427.01
2442320181840	4.54	857	76.33	350.68	427.01
2442320181850	4.54	857	76.33	350.68	427.01
2442320181860	4.54	857	76.33	350.68	427.01
2442320181870	4.54	1,126	76.33	460.76	537.09
2442320181880	4.54	1,126	76.33	460.76	537.09
2442320181890	4.54	1,126	76.33	460.76	537.09
2442320181900	4.54	1,126	76.33	460.76	537.09
2442320181910	4.54	1,126	76.33	460.76	537.09
2442320181920	4.54	1,126	76.33	460.76	537.09
2442320181930	4.54	1,126	76.33	460.76	537.09

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320181940	4.54	1,126	76.33	460.76	537.09
2442320181950	4.54	1,126	76.33	460.76	537.09
2442320181960	4.54	1,126	76.33	460.76	537.09
2442320181970	4.54	1,126	76.33	460.76	537.09
2442320181980	4.54	864	76.33	353.55	429.88
2442320181990	4.54	864	76.33	353.55	429.88
2442320182000	4.54	864	76.33	353.55	429.88
2442320182010	4.54	864	76.33	353.55	429.88
2442320182020	4.54	864	76.33	353.55	429.88
2442320182030	4.54	864	76.33	353.55	429.88
2442320182040	4.54	864	76.33	353.55	429.88
2442320182050	4.54	864	76.33	353.55	429.88
2442320182060	4.54	864	76.33	353.55	429.88
2442320182070	4.54	864	76.33	353.55	429.88
2442320182080	4.54	864	76.33	353.55	429.88
2442320182090	4.54	864	76.33	353.55	429.88
2442320182100	4.54	859	76.33	351.50	427.83
2442320182110	4.54	857	76.33	350.68	427.01
2442320182120	4.54	857	76.33	350.68	427.01
2442320182130	4.54	857	76.33	350.68	427.01
2442320182140	4.54	857	76.33	350.68	427.01
2442320182150	4.54	857	76.33	350.68	427.01
2442320182160	4.54	857	76.33	350.68	427.01
2442320182170	4.54	857	76.33	350.68	427.01
2442320182180	4.54	857	76.33	350.68	427.01
2442320182190	4.54	857	76.33	350.68	427.01
2442320182200	4.54	857	76.33	350.68	427.01
2442320182210	4.54	857	76.33	350.68	427.01
2442320182220	4.54	872	76.33	356.82	433.15
2442320182230	4.54	872	76.33	356.82	433.15
2442320182240	4.54	872	76.33	356.82	433.15
2442320182250	4.54	872	76.33	356.82	433.15
2442320182260	4.54	872	76.33	356.82	433.15
2442320182270	4.54	872	76.33	356.82	433.15
2442320182280	4.54	872	76.33	356.82	433.15
2442320182290	4.54	872	76.33	356.82	433.15
2442320182300	4.54	872	76.33	356.82	433.15
2442320182310	4.54	872	76.33	356.82	433.15
2442320182320	4.54	872	76.33	356.82	433.15
2442320182330	4.54	1,389	76.33	568.38	644.71
2442320182340	4.54	864	76.33	353.55	429.88
2442320182350	4.54	864	76.33	353.55	429.88
2442320182360	4.54	864	76.33	353.55	429.88
2442320182370	4.54	864	76.33	353.55	429.88
2442320182380	4.54	864	76.33	353.55	429.88
2442320182390	4.54	864	76.33	353.55	429.88
2442320182400	4.54	864	76.33	353.55	429.88
2442320182410	4.54	864	76.33	353.55	429.88
2442320182420	4.54	864	76.33	353.55	429.88
2442320182430	4.54	864	76.33	353.55	429.88
2442320182440	4.54	864	76.33	353.55	429.88

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320182450	4.54	1,382	76.33	565.51	641.84
2442320182460	4.54	857	76.33	350.68	427.01
2442320182470	4.54	857	76.33	350.68	427.01
2442320182480	4.54	857	76.33	350.68	427.01
2442320182490	4.54	857	76.33	350.68	427.01
2442320182500	4.54	857	76.33	350.68	427.01
2442320182510	4.54	857	76.33	350.68	427.01
2442320182520	4.54	857	76.33	350.68	427.01
2442320182530	4.54	857	76.33	350.68	427.01
2442320182540	4.54	857	76.33	350.68	427.01
2442320182550	4.54	1,292	76.33	528.69	605.02
2442320182560	4.54	941	76.33	385.06	461.39
2442320182570	4.54	857	76.33	350.68	427.01
2442320182580	4.54	857	76.33	350.68	427.01
2442320182590	4.54	857	76.33	350.68	427.01
2442320182600	4.54	857	76.33	350.68	427.01
2442320182610	4.54	857	76.33	350.68	427.01
2442320182620	4.54	857	76.33	350.68	427.01
2442320182630	4.54	857	76.33	350.68	427.01
2442320182640	4.54	857	76.33	350.68	427.01
2442320182650	4.54	1,757	76.33	718.96	795.29
2442320182660	4.54	1,292	76.33	528.69	605.02
2442320182670	4.54	901	76.33	368.69	445.02
2442320182680	4.54	864	76.33	353.55	429.88
2442320182690	4.54	864	76.33	353.55	429.88
2442320182700	4.54	864	76.33	353.55	429.88
2442320182710	4.54	864	76.33	353.55	429.88
2442320182720	4.54	864	76.33	353.55	429.88
2442320182730	4.54	864	76.33	353.55	429.88
2442320182740	4.54	864	76.33	353.55	429.88
2442320182750	4.54	1,293	76.33	529.10	605.43
2442320182760	4.54	941	76.33	385.06	461.39
2442320182770	4.54	864	76.33	353.55	429.88
2442320182780	4.54	864	76.33	353.55	429.88
2442320182790	4.54	864	76.33	353.55	429.88
2442320182800	4.54	864	76.33	353.55	429.88
2442320182810	4.54	864	76.33	353.55	429.88
2442320182820	4.54	864	76.33	353.55	429.88
2442320182830	4.54	864	76.33	353.55	429.88
2442320182840	4.54	1,293	76.33	529.10	605.43
2442320182860	4.54	857	76.33	350.68	427.01
2442320182870	4.54	857	76.33	350.68	427.01
2442320182880	4.54	857	76.33	350.68	427.01
2442320182890	4.54	857	76.33	350.68	427.01
2442320182900	4.54	857	76.33	350.68	427.01
2442320182910	4.54	1,292	76.33	528.69	605.02
2442320182920	4.54	941	76.33	385.06	461.39
2442320182930	4.54	857	76.33	350.68	427.01
2442320182940	4.54	857	76.33	350.68	427.01
2442320182950	4.54	857	76.33	350.68	427.01
2442320182960	4.54	857	76.33	350.68	427.01

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320182970	4.54	857	76.33	350.68	427.01
2442320182980	4.54	1,292	76.33	528.69	605.02
2442320182990	4.54	901	76.33	368.69	445.02
2442320183000	4.54	1,293	76.33	529.10	605.43
2442320183010	4.54	1,293	76.33	529.10	605.43
2442320183020	4.54	1,293	76.33	529.10	605.43
2442320183030	4.54	1,293	76.33	529.10	605.43
2442320183040	4.54	941	76.33	385.06	461.39
2442320183050	4.54	1,293	76.33	529.10	605.43
2442320183060	4.54	1,293	76.33	529.10	605.43
2442320183070	4.54	1,293	76.33	529.10	605.43
2442320183080	4.54	1,293	76.33	529.10	605.43
2442320183090	4.54	901	76.33	368.69	445.02
2442320183100	4.54	2,114	76.33	865.05	941.38
2442320183110	4.54	2,114	76.33	865.05	941.38
2442320183120	4.54	2,114	76.33	865.05	941.38
2442320183130	4.54	2,114	76.33	865.05	941.38
2442320183140	4.54	2,114	76.33	865.05	941.38
2442320190010	4.54	805	76.33	329.41	405.74
2442320190020	4.54	821	76.33	335.95	412.28
2442320190030	4.54	821	76.33	335.95	412.28
2442320190040	4.54	805	76.33	329.41	405.74
2442320190050	4.54	1,653	76.33	676.41	752.74
2442320190060	4.54	821	76.33	335.95	412.28
2442320190070	4.54	805	76.33	329.41	405.74
2442320190080	4.54	821	76.33	335.95	412.28
2442320190090	4.54	821	76.33	335.95	412.28
2442320190100	4.54	805	76.33	329.41	405.74
2442320190110	4.54	1,615	76.33	660.86	737.19
2442320190120	4.54	2,108	76.33	862.59	938.92
2442320190130	4.54	842	76.33	344.55	420.88
2442320190140	4.54	842	76.33	344.55	420.88
2442320190150	4.54	842	76.33	344.55	420.88
2442320190160	4.54	842	76.33	344.55	420.88
2442320190170	4.54	842	76.33	344.55	420.88
2442320190180	4.54	842	76.33	344.55	420.88
2442320190190	4.54	842	76.33	344.55	420.88
2442320190200	4.54	1,126	76.33	460.76	537.09
2442320190210	4.54	842	76.33	344.55	420.88
2442320190220	4.54	842	76.33	344.55	420.88
2442320190230	4.54	1,028	76.33	420.66	496.99
2442320190240	4.54	857	76.33	350.68	427.01
2442320190250	4.54	857	76.33	350.68	427.01
2442320190260	4.54	857	76.33	350.68	427.01
2442320190270	4.54	857	76.33	350.68	427.01
2442320190280	4.54	857	76.33	350.68	427.01
2442320190290	4.54	1,124	76.33	459.94	536.27
2442320190300	4.54	857	76.33	350.68	427.01
2442320190310	4.54	1,236	76.33	505.77	582.10
2442320190320	4.54	1,052	76.33	430.48	506.81
2442320190330	4.54	1,028	76.33	420.66	496.99

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320190340	4.54	1,018	76.33	416.57	492.90
2442320190350	4.54	1,018	76.33	416.57	492.90
2442320190360	4.54	1,018	76.33	416.57	492.90
2442320190370	4.54	1,018	76.33	416.57	492.90
2442320190380	4.54	1,018	76.33	416.57	492.90
2442320190390	4.54	1,018	76.33	416.57	492.90
2442320190400	4.54	1,425	76.33	583.11	659.44
2442320190410	4.54	1,086	76.33	444.39	520.72
2442320190420	4.54	845	76.33	345.77	422.10
2442320190430	4.54	865	76.33	353.96	430.29
2442320190440	4.54	865	76.33	353.96	430.29
2442320190450	4.54	865	76.33	353.96	430.29
2442320190460	4.54	1,124	76.33	459.94	536.27
2442320190470	4.54	865	76.33	353.96	430.29
2442320190480	4.54	1,236	76.33	505.77	582.10
2442320190490	4.54	1,052	76.33	430.48	506.81
2442320190500	4.54	831	76.33	340.05	416.38
2442320190510	4.54	831	76.33	340.05	416.38
2442320190520	4.54	831	76.33	340.05	416.38
2442320190530	4.54	831	76.33	340.05	416.38
2442320190540	4.54	1,302	76.33	532.78	609.11
2442320190550	4.54	907	76.33	371.14	447.47
2442320190560	4.54	1,124	76.33	459.94	536.27
2442320190570	4.54	1,124	76.33	459.94	536.27
2442320190580	4.54	857	76.33	350.68	427.01
2442320190590	4.54	1,236	76.33	505.77	582.10
2442320190600	4.54	1,052	76.33	430.48	506.81
2442320190610	4.54	857	76.33	350.68	427.01
2442320190620	4.54	857	76.33	350.68	427.01
2442320190630	4.54	1,302	76.33	532.78	609.11
2442320190640	4.54	907	76.33	371.14	447.47
2442320190650	4.54	1,236	76.33	505.77	582.10
2442320190660	4.54	1,236	76.33	505.77	582.10
2442320190670	4.54	1,052	76.33	430.48	506.81
2442320190680	4.54	896	76.33	366.64	442.97
2442320190690	4.54	907	76.33	371.14	447.47
2442320190700	4.54	813	76.33	332.68	409.01
2442320190710	4.54	832	76.33	340.45	416.78
2442320190720	4.54	832	76.33	340.45	416.78
2442320190730	4.54	832	76.33	340.45	416.78
2442320190750	4.54	832	76.33	340.45	416.78
2442320190760	4.54	832	76.33	340.45	416.78
2442320190770	4.54	832	76.33	340.45	416.78
2442320190780	4.54	832	76.33	340.45	416.78
2442320190790	4.54	832	76.33	340.45	416.78
2442320190800	4.54	820	76.33	335.54	411.87
2442320190810	4.54	865	76.33	353.96	430.29
2442320190820	4.54	865	76.33	353.96	430.29
2442320190830	4.54	865	76.33	353.96	430.29
2442320190840	4.54	865	76.33	353.96	430.29
2442320190850	4.54	865	76.33	353.96	430.29

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320190860	4.54	865	76.33	353.96	430.29
2442320190870	4.54	865	76.33	353.96	430.29
2442320190880	4.54	865	76.33	353.96	430.29
2442320190890	4.54	865	76.33	353.96	430.29
2442320190900	4.54	1,693	76.33	692.78	769.11
2442320190910	4.54	1,748	76.33	715.28	791.61
2442320190920	4.54	994	76.33	406.74	483.07
2442320190930	4.54	994	76.33	406.74	483.07
2442320190940	4.54	994	76.33	406.74	483.07
2442320190950	4.54	994	76.33	406.74	483.07
2442320190960	4.54	994	76.33	406.74	483.07
2442320190970	4.54	994	76.33	406.74	483.07
2442320190980	4.54	994	76.33	406.74	483.07
2442320190990	4.54	994	76.33	406.74	483.07
2442320191000	4.54	994	76.33	406.74	483.07
2442320191010	4.54	994	76.33	406.74	483.07
2442320191020	4.54	1,755	76.33	718.15	794.48
2442320191030	4.54	1,065	76.33	435.80	512.13
2442320191040	4.54	1,124	76.33	459.94	536.27
2442320191050	4.54	857	76.33	350.68	427.01
2442320191060	4.54	857	76.33	350.68	427.01
2442320191070	4.54	857	76.33	350.68	427.01
2442320191080	4.54	857	76.33	350.68	427.01
2442320191090	4.54	857	76.33	350.68	427.01
2442320191100	4.54	1,713	76.33	700.96	777.29
2442320191110	4.54	857	76.33	350.68	427.01
2442320191120	4.54	857	76.33	350.68	427.01
2442320191130	4.54	857	76.33	350.68	427.01
2442320191140	4.54	1,724	76.33	705.46	781.79
2442320191150	4.54	1,724	76.33	705.46	781.79
2442320191160	4.54	1,724	76.33	705.46	781.79
2442320191170	4.54	1,724	76.33	705.46	781.79
2442320191180	4.54	1,724	76.33	705.46	781.79
2442320191190	4.54	1,724	76.33	705.46	781.79
2442320191200	4.54	1,724	76.33	705.46	781.79
2442320191210	4.54	1,724	76.33	705.46	781.79
2442320191220	4.54	1,724	76.33	705.46	781.79
2442320191230	4.54	857	76.33	350.68	427.01
2442320191240	4.54	857	76.33	350.68	427.01
2442320191250	4.54	857	76.33	350.68	427.01
2442320191260	4.54	857	76.33	350.68	427.01
2442320191270	4.54	857	76.33	350.68	427.01
2442320191290	4.54	857	76.33	350.68	427.01
2442320191300	4.54	857	76.33	350.68	427.01
2442320191310	4.54	1,693	76.33	692.78	769.11
2442320191320	4.54	1,748	76.33	715.28	791.61
2442320191330	4.54	617	76.33	252.48	328.81
2442320191340	4.54	1,655	76.33	677.23	753.56
2442320191350	4.54	820	76.33	335.54	411.87
2442320191360	4.54	857	76.33	350.68	427.01
2442320191370	4.54	857	76.33	350.68	427.01

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320191380	4.54	857	76.33	350.68	427.01
2442320191390	4.54	857	76.33	350.68	427.01
2442320191400	4.54	857	76.33	350.68	427.01
2442320191410	4.54	857	76.33	350.68	427.01
2442320191420	4.54	857	76.33	350.68	427.01
2442320191430	4.54	857	76.33	350.68	427.01
2442320191440	4.54	857	76.33	350.68	427.01
2442320191450	4.54	857	76.33	350.68	427.01
2442320191460	4.54	857	76.33	350.68	427.01
2442320191470	4.54	857	76.33	350.68	427.01
2442320191480	4.54	857	76.33	350.68	427.01
2442320191490	4.54	857	76.33	350.68	427.01
2442320191500	4.54	857	76.33	350.68	427.01
2442320191510	4.54	857	76.33	350.68	427.01
2442320191520	4.54	857	76.33	350.68	427.01
2442320191530	4.54	1,119	76.33	457.89	534.22
2442320191540	4.54	1,119	76.33	457.89	534.22
2442320191550	4.54	1,119	76.33	457.89	534.22
2442320191560	4.54	1,119	76.33	457.89	534.22
2442320191570	4.54	1,119	76.33	457.89	534.22
2442320191580	4.54	1,119	76.33	457.89	534.22
2442320191590	4.54	1,119	76.33	457.89	534.22
2442320191600	4.54	1,119	76.33	457.89	534.22
2442320191610	4.54	1,119	76.33	457.89	534.22
2442320191620	4.54	1,119	76.33	457.89	534.22
2442320191630	4.54	1,254	76.33	513.14	589.47
2442320191640	4.54	865	76.33	353.96	430.29
2442320191650	4.54	865	76.33	353.96	430.29
2442320191660	4.54	865	76.33	353.96	430.29
2442320191670	4.54	865	76.33	353.96	430.29
2442320191680	4.54	865	76.33	353.96	430.29
2442320191690	4.54	865	76.33	353.96	430.29
2442320191700	4.54	865	76.33	353.96	430.29
2442320191710	4.54	865	76.33	353.96	430.29
2442320191720	4.54	865	76.33	353.96	430.29
2442320191730	4.54	865	76.33	353.96	430.29
2442320191740	4.54	1,655	76.33	677.23	753.56
2442320191750	4.54	864	76.33	353.55	429.88
2442320191760	4.54	864	76.33	353.55	429.88
2442320191770	4.54	864	76.33	353.55	429.88
2442320191780	4.54	1,729	76.33	707.51	783.84
2442320191790	4.54	864	76.33	353.55	429.88
2442320191800	4.54	864	76.33	353.55	429.88
2442320191810	4.54	864	76.33	353.55	429.88
2442320191820	4.54	864	76.33	353.55	429.88
2442320191830	4.54	864	76.33	353.55	429.88
2442320191840	4.54	864	76.33	353.55	429.88
2442320191850	4.54	886	76.33	362.55	438.88
2442320191860	4.54	886	76.33	362.55	438.88
2442320191870	4.54	886	76.33	362.55	438.88
2442320191880	4.54	886	76.33	362.55	438.88

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320191890	4.54	886	76.33	362.55	438.88
2442320191900	4.54	886	76.33	362.55	438.88
2442320191910	4.54	886	76.33	362.55	438.88
2442320191920	4.54	886	76.33	362.55	438.88
2442320191930	4.54	886	76.33	362.55	438.88
2442320191940	4.54	886	76.33	362.55	438.88
2442320191950	4.54	886	76.33	362.55	438.88
2442320191960	4.54	942	76.33	385.47	461.80
2442320191970	4.54	865	76.33	353.96	430.29
2442320191980	4.54	865	76.33	353.96	430.29
2442320191990	4.54	865	76.33	353.96	430.29
2442320192010	4.54	865	76.33	353.96	430.29
2442320192020	4.54	865	76.33	353.96	430.29
2442320192030	4.54	865	76.33	353.96	430.29
2442320192040	4.54	865	76.33	353.96	430.29
2442320192050	4.54	865	76.33	353.96	430.29
2442320192060	4.54	865	76.33	353.96	430.29
2442320192070	4.54	865	76.33	353.96	430.29
2442320192080	4.54	857	76.33	350.68	427.01
2442320192090	4.54	857	76.33	350.68	427.01
2442320192100	4.54	857	76.33	350.68	427.01
2442320192110	4.54	857	76.33	350.68	427.01
2442320192120	4.54	857	76.33	350.68	427.01
2442320192130	4.54	857	76.33	350.68	427.01
2442320192140	4.54	857	76.33	350.68	427.01
2442320192150	4.54	857	76.33	350.68	427.01
2442320192160	4.54	857	76.33	350.68	427.01
2442320192170	4.54	857	76.33	350.68	427.01
2442320192180	4.54	1,302	76.33	532.78	609.11
2442320192190	4.54	942	76.33	385.47	461.80
2442320192200	4.54	857	76.33	350.68	427.01
2442320192210	4.54	857	76.33	350.68	427.01
2442320192220	4.54	857	76.33	350.68	427.01
2442320192230	4.54	857	76.33	350.68	427.01
2442320192240	4.54	857	76.33	350.68	427.01
2442320192250	4.54	857	76.33	350.68	427.01
2442320192260	4.54	857	76.33	350.68	427.01
2442320192270	4.54	857	76.33	350.68	427.01
2442320192280	4.54	857	76.33	350.68	427.01
2442320192290	4.54	857	76.33	350.68	427.01
2442320192300	4.54	1,302	76.33	532.78	609.11
2442320192310	4.54	865	76.33	353.96	430.29
2442320192320	4.54	865	76.33	353.96	430.29
2442320192330	4.54	865	76.33	353.96	430.29
2442320192340	4.54	865	76.33	353.96	430.29
2442320192350	4.54	865	76.33	353.96	430.29
2442320192360	4.54	865	76.33	353.96	430.29
2442320192370	4.54	865	76.33	353.96	430.29
2442320192380	4.54	865	76.33	353.96	430.29
2442320192390	4.54	1,303	76.33	533.19	609.52
2442320192400	4.54	942	76.33	385.47	461.80

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320192410	4.54	865	76.33	353.96	430.29
2442320192420	4.54	865	76.33	353.96	430.29
2442320192430	4.54	865	76.33	353.96	430.29
2442320192440	4.54	865	76.33	353.96	430.29
2442320192450	4.54	865	76.33	353.96	430.29
2442320192460	4.54	865	76.33	353.96	430.29
2442320192470	4.54	865	76.33	353.96	430.29
2442320192480	4.54	865	76.33	353.96	430.29
2442320192490	4.54	1,303	76.33	533.19	609.52
2442320192500	4.54	907	76.33	371.14	447.47
2442320192510	4.54	857	76.33	350.68	427.01
2442320192520	4.54	857	76.33	350.68	427.01
2442320192530	4.54	857	76.33	350.68	427.01
2442320192540	4.54	857	76.33	350.68	427.01
2442320192550	4.54	857	76.33	350.68	427.01
2442320192560	4.54	857	76.33	350.68	427.01
2442320192570	4.54	1,302	76.33	532.78	609.11
2442320192580	4.54	942	76.33	385.47	461.80
2442320192590	4.54	857	76.33	350.68	427.01
2442320192600	4.54	857	76.33	350.68	427.01
2442320192610	4.54	857	76.33	350.68	427.01
2442320192620	4.54	857	76.33	350.68	427.01
2442320192630	4.54	857	76.33	350.68	427.01
2442320192640	4.54	857	76.33	350.68	427.01
2442320192650	4.54	1,302	76.33	532.78	609.11
2442320192660	4.54	907	76.33	371.14	447.47
2442320192670	4.54	865	76.33	353.96	430.29
2442320192680	4.54	865	76.33	353.96	430.29
2442320192690	4.54	865	76.33	353.96	430.29
2442320192700	4.54	865	76.33	353.96	430.29
2442320192710	4.54	1,303	76.33	533.19	609.52
2442320192720	4.54	942	76.33	385.47	461.80
2442320192730	4.54	865	76.33	353.96	430.29
2442320192740	4.54	865	76.33	353.96	430.29
2442320192750	4.54	865	76.33	353.96	430.29
2442320192760	4.54	865	76.33	353.96	430.29
2442320192770	4.54	1,303	76.33	533.19	609.52
2442320192780	4.54	907	76.33	371.14	447.47
2442320192790	4.54	1,292	76.33	528.69	605.02
2442320192800	4.54	1,303	76.33	533.19	609.52
2442320192810	4.54	1,303	76.33	533.19	609.52
2442320192820	4.54	942	76.33	385.47	461.80
2442320192830	4.54	1,292	76.33	528.69	605.02
2442320192840	4.54	1,303	76.33	533.19	609.52
2442320192850	4.54	1,303	76.33	533.19	609.52
2442320192860	4.54	907	76.33	371.14	447.47
2442320200010	4.54	631	76.33	258.21	334.54
2442320200020	4.54	631	76.33	258.21	334.54
2442320200030	4.54	631	76.33	258.21	334.54
2442320200040	4.54	631	76.33	258.21	334.54
2442320200050	4.54	631	76.33	258.21	334.54

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320200060	4.54		631	76.33	258.21	334.54
2442320200070	4.54		631	76.33	258.21	334.54
2442320200080	4.54		631	76.33	258.21	334.54
2442320200090	4.54		631	76.33	258.21	334.54
2442320200100	4.54		631	76.33	258.21	334.54
2442320200110	4.54		631	76.33	258.21	334.54
2442320200120	4.54		631	76.33	258.21	334.54
2442320200130	4.54		631	76.33	258.21	334.54
2442320200140	4.54		631	76.33	258.21	334.54
2442320200150	4.54		631	76.33	258.21	334.54
2442320200160	4.54		631	76.33	258.21	334.54
2442320200170	4.54		631	76.33	258.21	334.54
2442320200180	4.54		631	76.33	258.21	334.54
2442320200190	4.54		631	76.33	258.21	334.54
2442320200200	4.54		631	76.33	258.21	334.54
2442320200210	4.54		631	76.33	258.21	334.54
2442320200220	4.54		631	76.33	258.21	334.54
2442320200230	4.54		631	76.33	258.21	334.54
2442320200240	4.54		631	76.33	258.21	334.54
2442320200250	4.54		631	76.33	258.21	334.54
2442320200260	4.54		631	76.33	258.21	334.54
2442320200270	4.54		631	76.33	258.21	334.54
2442320200280	4.54		631	76.33	258.21	334.54
2442320200290	4.54		631	76.33	258.21	334.54
2442320200300	4.54		631	76.33	258.21	334.54
2442320200310	4.54		631	76.33	258.21	334.54
2442320200320	4.54		631	76.33	258.21	334.54
2442320200330	4.54		631	76.33	258.21	334.54
2442320200340	4.54		631	76.33	258.21	334.54
2442320200350	4.54		631	76.33	258.21	334.54
2442320200360	4.54		704	76.33	288.08	364.41
2442320200370	4.54		704	76.33	288.08	364.41
2442320200380	4.54		704	76.33	288.08	364.41
2442320200390	4.54		704	76.33	288.08	364.41
2442320200400	4.54		704	76.33	288.08	364.41
2442320200410	4.54		704	76.33	288.08	364.41
2442320200420	4.54		704	76.33	288.08	364.41
2442320200430	4.54		642	76.33	262.71	339.04
2442320200440	4.54		642	76.33	262.71	339.04
2442320200450	4.54		642	76.33	262.71	339.04
2442320200460	4.54		642	76.33	262.71	339.04
2442320200470	4.54		642	76.33	262.71	339.04
2442320200480	4.54		642	76.33	262.71	339.04
2442320200490	4.54		642	76.33	262.71	339.04
2442320200500	4.54		704	76.33	288.08	364.41
2442320200510	4.54		704	76.33	288.08	364.41
2442320200520	4.54		704	76.33	288.08	364.41
2442320200530	4.54		704	76.33	288.08	364.41
2442320200540	4.54		704	76.33	288.08	364.41
2442320200550	4.54		704	76.33	288.08	364.41
2442320200560	4.54		642	76.33	262.71	339.04

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320200570	4.54	642	76.33	262.71	339.04
2442320200580	4.54	642	76.33	262.71	339.04
2442320200590	4.54	642	76.33	262.71	339.04
2442320200600	4.54	642	76.33	262.71	339.04
2442320200610	4.54	642	76.33	262.71	339.04
2442320200620	4.54	587	76.33	240.20	316.53
2442320200630	4.54	587	76.33	240.20	316.53
2442320200640	4.54	587	76.33	240.20	316.53
2442320200650	4.54	587	76.33	240.20	316.53
2442320200660	4.54	587	76.33	240.20	316.53
2442320200670	4.54	587	76.33	240.20	316.53
2442320200680	4.54	587	76.33	240.20	316.53
2442320200690	4.54	587	76.33	240.20	316.53
2442320200700	4.54	587	76.33	240.20	316.53
2442320200710	4.54	587	76.33	240.20	316.53
2442320200720	4.54	587	76.33	240.20	316.53
2442320200730	4.54	587	76.33	240.20	316.53
2442320200740	4.54	587	76.33	240.20	316.53
2442320200750	4.54	587	76.33	240.20	316.53
2442320200760	4.54	631	76.33	258.21	334.54
2442320200770	4.54	631	76.33	258.21	334.54
2442320200780	4.54	631	76.33	258.21	334.54
2442320200790	4.54	631	76.33	258.21	334.54
2442320200800	4.54	631	76.33	258.21	334.54
2442320200810	4.54	631	76.33	258.21	334.54
2442320200820	4.54	631	76.33	258.21	334.54
2442320200830	4.54	631	76.33	258.21	334.54
2442320200840	4.54	631	76.33	258.21	334.54
2442320200850	4.54	631	76.33	258.21	334.54
2442320200860	4.54	631	76.33	258.21	334.54
2442320200870	4.54	631	76.33	258.21	334.54
2442320200880	4.54	631	76.33	258.21	334.54
2442320200890	4.54	631	76.33	258.21	334.54
2442320220010	27.73	2,064	466.13	844.74	1,310.87
2442320220020	21.05	2,064	353.91	844.74	1,198.65
2442320220030	21.58	2,064	362.73	844.74	1,207.47
2442320220040	21.53	2,064	361.89	844.74	1,206.63
2442320220050	21.53	2,064	361.89	844.74	1,206.63
2442320220060	21.73	2,064	365.25	844.74	1,209.99
2442320220070	21.73	2,064	365.25	844.74	1,209.99
2442320220080	25.98	2,064	436.71	844.74	1,281.45
2442320220090	26.10	2,064	438.81	844.74	1,283.55
2442320220100	26.10	2,064	438.81	844.74	1,283.55
2442320220110	26.10	2,064	438.81	844.74	1,283.55
2442320220120	26.10	2,064	438.81	844.74	1,283.55
2442320220130	26.10	2,064	438.81	844.74	1,283.55
2442320220140	25.80	2,064	433.77	844.74	1,278.51
2442320220150	9.68	2,064	162.66	844.74	1,007.40
2442320220160	19.63	2,064	329.95	844.74	1,174.69
2442320220170	19.75	2,064	332.05	844.74	1,176.79
2442320220180	9.68	2,064	162.66	844.74	1,007.40

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320220190	25.80	2,064	433.77	844.74	1,278.51
2442320220200	26.10	2,064	438.81	844.74	1,283.55
2442320220210	22.98	2,064	386.27	844.74	1,231.01
2442320220220	22.98	2,064	386.27	844.74	1,231.01
2442320220230	26.10	2,064	438.81	844.74	1,283.55
2442320220240	26.10	2,064	438.81	844.74	1,283.55
2442320220250	26.10	2,064	438.81	844.74	1,283.55
2442320220260	26.10	2,064	438.81	844.74	1,283.55
2442320220270	26.10	2,064	438.81	844.74	1,283.55
2442320220280	26.10	2,064	438.81	844.74	1,283.55
2442320220290	25.75	2,064	432.92	844.74	1,277.66
2442320220300	25.00	2,064	420.32	844.74	1,265.06
2442320220310	23.98	2,064	403.08	844.74	1,247.82
2442320220320	8.30	2,064	139.54	844.74	984.28
2442320220330	16.70	2,064	280.77	844.74	1,125.51
2442320220340	16.35	2,064	274.89	844.74	1,119.63
2442320220350	9.68	2,064	162.66	844.74	1,007.40
2442320220360	25.80	2,064	433.77	844.74	1,278.51
2442320220370	26.10	2,064	438.81	844.74	1,283.55
2442320220380	26.10	2,064	438.81	844.74	1,283.55
2442320220390	26.10	2,064	438.81	844.74	1,283.55
2442320220400	26.10	2,064	438.81	844.74	1,283.55
2442320220410	26.10	2,064	438.81	844.74	1,283.55
2442320220420	25.98	2,064	436.71	844.74	1,281.45
2442320220430	21.73	2,064	365.25	844.74	1,209.99
2442320220440	21.53	2,064	361.89	844.74	1,206.63
2442320220450	21.53	2,064	361.89	844.74	1,206.63
2442320220460	21.73	2,064	365.25	844.74	1,209.99
2442320220470	21.73	2,064	365.25	844.74	1,209.99
2442320220480	21.05	2,064	353.91	844.74	1,198.65
2442320220490	27.73	2,064	466.13	844.74	1,310.87
2442320220500	28.58	2,064	480.42	844.74	1,325.16
2442320220510	22.48	2,064	377.86	844.74	1,222.60
2442320220520	9.53	2,064	160.14	844.74	1,004.88
2442320220530	9.10	2,064	152.99	844.74	997.73
2442320220540	9.13	2,064	153.41	844.74	998.15
2442320220550	13.75	2,064	231.17	844.74	1,075.91
2442320230010	4.54	833	76.33	340.86	417.19
2442320230020	4.54	833	76.33	340.86	417.19
2442320230030	4.54	833	76.33	340.86	417.19
2442320230040	4.54	833	76.33	340.86	417.19
2442320230050	4.54	1,243	76.33	508.64	584.97
2442320230060	4.54	1,243	76.33	508.64	584.97
2442320230070	4.54	1,243	76.33	508.64	584.97
2442320230080	4.54	1,243	76.33	508.64	584.97
2442320230090	4.54	1,243	76.33	508.64	584.97
2442320230100	4.54	1,243	76.33	508.64	584.97
2442320230110	4.54	1,243	76.33	508.64	584.97
2442320230120	4.54	1,243	76.33	508.64	584.97
2442320230130	4.54	1,243	76.33	508.64	584.97
2442320230140	4.54	1,243	76.33	508.64	584.97

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320230150	4.54	1,243	76.33	508.64	584.97
2442320230170	4.54	833	76.33	340.86	417.19
2442320230180	4.54	833	76.33	340.86	417.19
2442320230190	4.54	833	76.33	340.86	417.19
2442320230200	4.54	833	76.33	340.86	417.19
2442320230210	4.54	1,243	76.33	508.64	584.97
2442320230220	4.54	1,243	76.33	508.64	584.97
2442320230230	4.54	1,243	76.33	508.64	584.97
2442320230240	4.54	1,243	76.33	508.64	584.97
2442320230250	4.54	1,487	76.33	608.48	684.81
2442320230260	4.54	1,487	76.33	608.48	684.81
2442320230270	4.54	1,487	76.33	608.48	684.81
2442320230280	4.54	1,487	76.33	608.48	684.81
2442320230290	4.54	1,243	76.33	508.64	584.97
2442320230300	4.54	1,243	76.33	508.64	584.97
2442320230310	4.54	1,243	76.33	508.64	584.97
2442320230320	4.54	1,243	76.33	508.64	584.97
2442320230330	4.54	1,243	76.33	508.64	584.97
2442320230340	4.54	1,243	76.33	508.64	584.97
2442320230350	4.54	1,243	76.33	508.64	584.97
2442320230360	4.54	1,243	76.33	508.64	584.97
2442320230370	4.54	1,243	76.33	508.64	584.97
2442320230380	4.54	1,243	76.33	508.64	584.97
2442320230390	4.54	1,243	76.33	508.64	584.97
2442320230400	4.54	1,243	76.33	508.64	584.97
2442320230410	4.54	1,487	76.33	608.48	684.81
2442320230420	4.54	1,487	76.33	608.48	684.81
2442320230430	4.54	1,487	76.33	608.48	684.81
2442320230440	4.54	1,487	76.33	608.48	684.81
2442320230450	4.54	1,487	76.33	608.48	684.81
2442320230460	4.54	1,487	76.33	608.48	684.81
2442320230470	4.54	1,487	76.33	608.48	684.81
2442320230480	4.54	1,487	76.33	608.48	684.81
2442320230490	4.54	1,243	76.33	508.64	584.97
2442320230500	4.54	1,243	76.33	508.64	584.97
2442320230510	4.54	1,243	76.33	508.64	584.97
2442320230520	4.54	1,243	76.33	508.64	584.97
2442320230530	4.54	1,243	76.33	508.64	584.97
2442320230540	4.54	1,243	76.33	508.64	584.97
2442320230550	4.54	1,243	76.33	508.64	584.97
2442320230560	4.54	1,243	76.33	508.64	584.97
2442320230570	4.54	1,243	76.33	508.64	584.97
2442320230580	4.54	1,243	76.33	508.64	584.97
2442320230590	4.54	1,243	76.33	508.64	584.97
2442320230600	4.54	1,243	76.33	508.64	584.97
2442320230610	4.54	833	76.33	340.86	417.19
2442320230620	4.54	833	76.33	340.86	417.19
2442320230630	4.54	833	76.33	340.86	417.19
2442320230640	4.54	833	76.33	340.86	417.19
2442320230650	4.54	1,487	76.33	608.48	684.81
2442320230660	4.54	1,487	76.33	608.48	684.81

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320230670	4.54	1,487	76.33	608.48	684.81
2442320230680	4.54	1,487	76.33	608.48	684.81
2442320230690	4.54	833	76.33	340.86	417.19
2442320230700	4.54	833	76.33	340.86	417.19
2442320230710	4.54	833	76.33	340.86	417.19
2442320230720	4.54	833	76.33	340.86	417.19
2442320230730	4.54	1,487	76.33	608.48	684.81
2442320230740	4.54	1,487	76.33	608.48	684.81
2442320230750	4.54	1,487	76.33	608.48	684.81
2442320230760	4.54	1,487	76.33	608.48	684.81
2442320230770	4.54	1,243	76.33	508.64	584.97
2442320230780	4.54	1,243	76.33	508.64	584.97
2442320230790	4.54	1,243	76.33	508.64	584.97
2442320230800	4.54	1,243	76.33	508.64	584.97
2442320230810	4.54	1,243	76.33	508.64	584.97
2442320230820	4.54	1,243	76.33	508.64	584.97
2442320230830	4.54	1,243	76.33	508.64	584.97
2442320230840	4.54	1,243	76.33	508.64	584.97
2442320230850	4.54	1,487	76.33	608.48	684.81
2442320230860	4.54	1,487	76.33	608.48	684.81
2442320230870	4.54	1,487	76.33	608.48	684.81
2442320230880	4.54	1,487	76.33	608.48	684.81
2442320230890	4.54	1,243	76.33	508.64	584.97
2442320230900	4.54	1,243	76.33	508.64	584.97
2442320230910	4.54	1,243	76.33	508.64	584.97
2442320230920	4.54	1,243	76.33	508.64	584.97
2442320230930	4.54	1,243	76.33	508.64	584.97
2442320230940	4.54	1,243	76.33	508.64	584.97
2442320230950	4.54	1,243	76.33	508.64	584.97
2442320230960	4.54	1,243	76.33	508.64	584.97
2442320230970	4.54	1,487	76.33	608.48	684.81
2442320230980	4.54	1,487	76.33	608.48	684.81
2442320230990	4.54	1,487	76.33	608.48	684.81
2442320231000	4.54	1,487	76.33	608.48	684.81
2442320231010	4.54	833	76.33	340.86	417.19
2442320231020	4.54	833	76.33	340.86	417.19
2442320231030	4.54	833	76.33	340.86	417.19
2442320231040	4.54	833	76.33	340.86	417.19
2442320231050	4.54	833	76.33	340.86	417.19
2442320231060	4.54	833	76.33	340.86	417.19
2442320231070	4.54	833	76.33	340.86	417.19
2442320231080	4.54	833	76.33	340.86	417.19
2442320231090	4.54	1,243	76.33	508.64	584.97
2442320231100	4.54	1,243	76.33	508.64	584.97
2442320231110	4.54	1,243	76.33	508.64	584.97
2442320231120	4.54	1,243	76.33	508.64	584.97
2442320231130	4.54	833	76.33	340.86	417.19
2442320231140	4.54	833	76.33	340.86	417.19
2442320231150	4.54	833	76.33	340.86	417.19
2442320231160	4.54	833	76.33	340.86	417.19
2442320231170	4.54	833	76.33	340.86	417.19

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320231180	4.54	833	76.33	340.86	417.19
2442320231190	4.54	833	76.33	340.86	417.19
2442320231200	4.54	833	76.33	340.86	417.19
2442320231210	4.54	1,487	76.33	608.48	684.81
2442320231220	4.54	1,487	76.33	608.48	684.81
2442320231230	4.54	1,487	76.33	608.48	684.81
2442320231240	4.54	1,487	76.33	608.48	684.81
2442320231250	4.54	833	76.33	340.86	417.19
2442320231260	4.54	833	76.33	340.86	417.19
2442320231270	4.54	833	76.33	340.86	417.19
2442320231280	4.54	833	76.33	340.86	417.19
2442320231290	4.54	1,487	76.33	608.48	684.81
2442320231300	4.54	1,487	76.33	608.48	684.81
2442320231310	4.54	1,487	76.33	608.48	684.81
2442320231320	4.54	1,487	76.33	608.48	684.81
2442320231330	4.54	833	76.33	340.86	417.19
2442320231340	4.54	833	76.33	340.86	417.19
2442320231350	4.54	833	76.33	340.86	417.19
2442320231360	4.54	833	76.33	340.86	417.19
2442320231370	4.54	1,487	76.33	608.48	684.81
2442320231380	4.54	1,487	76.33	608.48	684.81
2442320231390	4.54	1,487	76.33	608.48	684.81
2442320231400	4.54	1,487	76.33	608.48	684.81
2442320240010	4.54	1,018	76.33	416.57	492.90
2442320240020	4.54	1,018	76.33	416.57	492.90
2442320240030	4.54	1,018	76.33	416.57	492.90
2442320240040	4.54	1,018	76.33	416.57	492.90
2442320240050	4.54	1,018	76.33	416.57	492.90
2442320240060	4.54	1,018	76.33	416.57	492.90
2442320240070	4.54	1,018	76.33	416.57	492.90
2442320240080	4.54	959	76.33	392.42	468.75
2442320240090	4.54	959	76.33	392.42	468.75
2442320240100	4.54	959	76.33	392.42	468.75
2442320240110	4.54	959	76.33	392.42	468.75
2442320240120	4.54	962	76.33	393.65	469.98
2442320240130	4.54	962	76.33	393.65	469.98
2442320240140	4.54	962	76.33	393.65	469.98
2442320240150	4.54	962	76.33	393.65	469.98
2442320240160	4.54	895	76.33	366.23	442.56
2442320240170	4.54	895	76.33	366.23	442.56
2442320240180	4.54	895	76.33	366.23	442.56
2442320240190	4.54	895	76.33	366.23	442.56
2442320240200	4.54	895	76.33	366.23	442.56
2442320240210	4.54	895	76.33	366.23	442.56
2442320240220	4.54	895	76.33	366.23	442.56
2442320240230	4.54	895	76.33	366.23	442.56
2442320240240	4.54	962	76.33	393.65	469.98
2442320240250	4.54	962	76.33	393.65	469.98
2442320240260	4.54	962	76.33	393.65	469.98
2442320240270	4.54	962	76.33	393.65	469.98
2442320240280	4.54	962	76.33	393.65	469.98

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320240290	4.54	962	76.33	393.65	469.98
2442320240300	4.54	962	76.33	393.65	469.98
2442320240310	4.54	962	76.33	393.65	469.98
2442320240320	4.54	959	76.33	392.42	468.75
2442320240330	4.54	959	76.33	392.42	468.75
2442320240340	4.54	959	76.33	392.42	468.75
2442320240350	4.54	959	76.33	392.42	468.75
2442320240360	4.54	1,001	76.33	409.61	485.94
2442320240370	4.54	1,001	76.33	409.61	485.94
2442320240380	4.54	1,001	76.33	409.61	485.94
2442320240390	4.54	1,001	76.33	409.61	485.94
2442320240400	4.54	962	76.33	393.65	469.98
2442320240410	4.54	962	76.33	393.65	469.98
2442320240420	4.54	962	76.33	393.65	469.98
2442320240430	4.54	962	76.33	393.65	469.98
2442320240440	4.54	959	76.33	392.42	468.75
2442320240450	4.54	959	76.33	392.42	468.75
2442320240460	4.54	959	76.33	392.42	468.75
2442320240470	4.54	959	76.33	392.42	468.75
2442320240480	4.54	1,001	76.33	409.61	485.94
2442320240490	4.54	1,001	76.33	409.61	485.94
2442320240500	4.54	1,001	76.33	409.61	485.94
2442320240510	4.54	1,075	76.33	439.89	516.22
2442320240520	4.54	962	76.33	393.65	469.98
2442320240530	4.54	962	76.33	393.65	469.98
2442320240540	4.54	962	76.33	393.65	469.98
2442320240550	4.54	962	76.33	393.65	469.98
2442320240560	4.54	962	76.33	393.65	469.98
2442320240570	4.54	962	76.33	393.65	469.98
2442320240580	4.54	962	76.33	393.65	469.98
2442320240590	4.54	962	76.33	393.65	469.98
2442320240600	4.54	1,018	76.33	416.57	492.90
2442320240610	4.54	1,018	76.33	416.57	492.90
2442320240620	4.54	1,018	76.33	416.57	492.90
2442320240630	4.54	822	76.33	336.36	412.69
2442320240640	4.54	822	76.33	336.36	412.69
2442320240650	4.54	822	76.33	336.36	412.69
2442320240660	4.54	1,199	76.33	490.63	566.96
2442320240670	4.54	1,018	76.33	416.57	492.90
2442320240680	4.54	1,018	76.33	416.57	492.90
2442320240690	4.54	1,018	76.33	416.57	492.90
2442320240700	4.54	895	76.33	366.23	442.56
2442320240710	4.54	895	76.33	366.23	442.56
2442320240720	4.54	895	76.33	366.23	442.56
2442320240730	4.54	895	76.33	366.23	442.56
2442320240740	4.54	962	76.33	393.65	469.98
2442320240750	4.54	962	76.33	393.65	469.98
2442320240760	4.54	962	76.33	393.65	469.98
2442320240770	4.54	962	76.33	393.65	469.98
2442320240780	4.54	962	76.33	393.65	469.98
2442320240790	4.54	962	76.33	393.65	469.98

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320240800	4.54	962	76.33	393.65	469.98
2442320240810	4.54	962	76.33	393.65	469.98
2442320240820	4.54	895	76.33	366.23	442.56
2442320240830	4.54	895	76.33	366.23	442.56
2442320240840	4.54	895	76.33	366.23	442.56
2442320240850	4.54	895	76.33	366.23	442.56
2442320240860	4.54	895	76.33	366.23	442.56
2442320240870	4.54	895	76.33	366.23	442.56
2442320240880	4.54	895	76.33	366.23	442.56
2442320240890	4.54	895	76.33	366.23	442.56
2442320240900	4.54	959	76.33	392.42	468.75
2442320240910	4.54	959	76.33	392.42	468.75
2442320240920	4.54	959	76.33	392.42	468.75
2442320240930	4.54	959	76.33	392.42	468.75
2442320240940	4.54	895	76.33	366.23	442.56
2442320240950	4.54	895	76.33	366.23	442.56
2442320240960	4.54	895	76.33	366.23	442.56
2442320240970	4.54	895	76.33	366.23	442.56
2442320240980	4.54	895	76.33	366.23	442.56
2442320240990	4.54	895	76.33	366.23	442.56
2442320241000	4.54	895	76.33	366.23	442.56
2442320241010	4.54	895	76.33	366.23	442.56
2442320241020	4.54	1,200	76.33	491.04	567.37
2442320241030	4.54	1,018	76.33	416.57	492.90
2442320241040	4.54	1,018	76.33	416.57	492.90
2442320241050	4.54	822	76.33	336.36	412.69
2442320241060	4.54	822	76.33	336.36	412.69
2442320241070	4.54	822	76.33	336.36	412.69
2442320241071	4.54	520	76.33	212.78	289.11
2442320241072	4.54	520	76.33	212.78	289.11
2442320241080	4.54	1,269	76.33	519.27	595.60
2442320241090	4.54	1,001	76.33	409.61	485.94
2442320241100	4.54	1,001	76.33	409.61	485.94
2442320241110	4.54	1,142	76.33	467.31	543.64
2442320241120	4.54	962	76.33	393.65	469.98
2442320241130	4.54	962	76.33	393.65	469.98
2442320241140	4.54	962	76.33	393.65	469.98
2442320241150	4.54	962	76.33	393.65	469.98
2442320241160	4.54	895	76.33	366.23	442.56
2442320241170	4.54	895	76.33	366.23	442.56
2442320241180	4.54	895	76.33	366.23	442.56
2442320241190	4.54	895	76.33	366.23	442.56
2442320241200	4.54	895	76.33	366.23	442.56
2442320241210	4.54	895	76.33	366.23	442.56
2442320241220	4.54	895	76.33	366.23	442.56
2442320241230	4.54	895	76.33	366.23	442.56
2442320241240	4.54	1,001	76.33	409.61	485.94
2442320241250	4.54	1,001	76.33	409.61	485.94
2442320241260	4.54	1,001	76.33	409.61	485.94
2442320241270	4.54	1,001	76.33	409.61	485.94
2442320241280	4.54	895	76.33	366.23	442.56

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320241290	4.54	895	76.33	366.23	442.56
2442320241300	4.54	895	76.33	366.23	442.56
2442320241310	4.54	895	76.33	366.23	442.56
2442320241320	4.54	962	76.33	393.65	469.98
2442320241330	4.54	962	76.33	393.65	469.98
2442320241340	4.54	962	76.33	393.65	469.98
2442320241350	4.54	962	76.33	393.65	469.98
2442320241360	4.54	895	76.33	366.23	442.56
2442320241370	4.54	895	76.33	366.23	442.56
2442320241380	4.54	895	76.33	366.23	442.56
2442320241390	4.54	895	76.33	366.23	442.56
2442320241400	4.54	959	76.33	392.42	468.75
2442320241410	4.54	959	76.33	392.42	468.75
2442320241420	4.54	959	76.33	392.42	468.75
2442320241430	4.54	959	76.33	392.42	468.75
2442320241440	4.54	959	76.33	392.42	468.75
2442320241450	4.54	959	76.33	392.42	468.75
2442320241460	4.54	959	76.33	392.42	468.75
2442320241461	4.54	458	76.33	187.41	263.74
2442320241470	4.54	962	76.33	393.65	469.98
2442320241480	4.54	962	76.33	393.65	469.98
2442320241481	4.54	453	76.33	185.37	261.70
2442320241490	4.54	962	76.33	393.65	469.98
2442320241500	4.54	962	76.33	393.65	469.98
2442320241510	4.54	962	76.33	393.65	469.98
2442320241511	4.54	565	76.33	231.20	307.53
2442320241520	4.54	962	76.33	393.65	469.98
2442320241530	4.54	962	76.33	393.65	469.98
2442320241540	4.54	1,001	76.33	409.61	485.94
2442320241550	4.54	1,001	76.33	409.61	485.94
2442320241560	4.54	1,001	76.33	409.61	485.94
2442320241570	4.54	959	76.33	392.42	468.75
2442320241580	4.54	959	76.33	392.42	468.75
2442320241590	4.54	959	76.33	392.42	468.75
2442320241600	4.54	895	76.33	366.23	442.56
2442320241610	4.54	895	76.33	366.23	442.56
2442320241620	4.54	895	76.33	366.23	442.56
2442320241630	4.54	1,001	76.33	409.61	485.94
2442320241640	4.54	959	76.33	392.42	468.75
2442320241650	4.54	895	76.33	366.23	442.56
2442320241660	4.54	895	76.33	366.23	442.56
2442320241670	4.54	895	76.33	366.23	442.56
2442320241680	4.54	895	76.33	366.23	442.56
2442320241690	4.54	895	76.33	366.23	442.56
2442320241700	4.54	1,001	76.33	409.61	485.94
2442320241710	4.54	1,001	76.33	409.61	485.94
2442320241720	4.54	1,001	76.33	409.61	485.94
2442320241730	4.54	1,001	76.33	409.61	485.94
2442320241740	4.54	1,429	76.33	584.75	661.08
2442320241750	4.54	1,001	76.33	409.61	485.94
2442320241760	4.54	1,001	76.33	409.61	485.94

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320241770	4.54	1,001	76.33	409.61	485.94
2442320241780	4.54	895	76.33	366.23	442.56
2442320241790	4.54	895	76.33	366.23	442.56
2442320241800	4.54	895	76.33	366.23	442.56
2442320241810	4.54	895	76.33	366.23	442.56
2442320241820	4.54	962	76.33	393.65	469.98
2442320241830	4.54	962	76.33	393.65	469.98
2442320241840	4.54	962	76.33	393.65	469.98
2442320241850	4.54	962	76.33	393.65	469.98
2442320241860	4.54	962	76.33	393.65	469.98
2442320241870	4.54	962	76.33	393.65	469.98
2442320241880	4.54	962	76.33	393.65	469.98
2442320241890	4.54	962	76.33	393.65	469.98
2442320241900	4.54	895	76.33	366.23	442.56
2442320241910	4.54	895	76.33	366.23	442.56
2442320241920	4.54	895	76.33	366.23	442.56
2442320241930	4.54	895	76.33	366.23	442.56
2442320241940	4.54	959	76.33	392.42	468.75
2442320241950	4.54	959	76.33	392.42	468.75
2442320241960	4.54	959	76.33	392.42	468.75
2442320241970	4.54	959	76.33	392.42	468.75
2442320241980	4.54	1,427	76.33	583.93	660.26
2442320241990	4.54	1,093	76.33	447.26	523.59
2442320242000	4.54	1,152	76.33	471.40	547.73
2442320242010	4.54	1,040	76.33	425.57	501.90
2442320242020	4.54	1,018	76.33	416.57	492.90
2442320242030	4.54	1,018	76.33	416.57	492.90
2442320242040	4.54	1,160	76.33	474.67	551.00
2442320242050	4.54	1,018	76.33	416.57	492.90
2442320242060	4.54	962	76.33	393.65	469.98
2442320242070	4.54	962	76.33	393.65	469.98
2442320242080	4.54	962	76.33	393.65	469.98
2442320242090	4.54	1,217	76.33	498.00	574.33
2442320242100	4.54	1,018	76.33	416.57	492.90
2442320242110	4.54	1,018	76.33	416.57	492.90
2442320242120	4.54	1,018	76.33	416.57	492.90
2442320242130	4.54	1,001	76.33	409.61	485.94
2442320242140	4.54	1,001	76.33	409.61	485.94
2442320242150	4.54	1,001	76.33	409.61	485.94
2442320242160	4.54	1,001	76.33	409.61	485.94
2442320242170	4.54	895	76.33	366.23	442.56
2442320242180	4.54	895	76.33	366.23	442.56
2442320242190	4.54	895	76.33	366.23	442.56
2442320242200	4.54	895	76.33	366.23	442.56
2442320242210	4.54	962	76.33	393.65	469.98
2442320242220	4.54	962	76.33	393.65	469.98
2442320242230	4.54	962	76.33	393.65	469.98
2442320242240	4.54	962	76.33	393.65	469.98
2442320242241	4.54	749	76.33	306.49	382.82
2442320242242	4.54	643	76.33	263.12	339.45
2442320242250	4.54	1,001	76.33	409.61	485.94

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320242260	4.54	1,001	76.33	409.61	485.94
2442320242270	4.54	1,001	76.33	409.61	485.94
2442320242280	4.54	1,001	76.33	409.61	485.94
2442320242290	4.54	959	76.33	392.42	468.75
2442320242300	4.54	959	76.33	392.42	468.75
2442320242310	4.54	959	76.33	392.42	468.75
2442320242320	4.54	1,602	76.33	655.54	731.87
2442320242330	4.54	962	76.33	393.65	469.98
2442320242340	4.54	962	76.33	393.65	469.98
2442320242350	4.54	962	76.33	393.65	469.98
2442320242360	4.54	1,018	76.33	416.57	492.90
2442320242370	4.54	1,018	76.33	416.57	492.90
2442320242380	4.54	1,018	76.33	416.57	492.90
2442320242390	4.54	962	76.33	393.65	469.98
2442320242400	4.54	962	76.33	393.65	469.98
2442320242410	4.54	962	76.33	393.65	469.98
2442320242420	4.54	962	76.33	393.65	469.98
2442320242430	4.54	962	76.33	393.65	469.98
2442320242440	4.54	962	76.33	393.65	469.98
2442320242450	4.54	962	76.33	393.65	469.98
2442320242460	4.54	962	76.33	393.65	469.98
2442320242470	4.54	959	76.33	392.42	468.75
2442320242480	4.54	959	76.33	392.42	468.75
2442320242490	4.54	959	76.33	392.42	468.75
2442320242500	4.54	959	76.33	392.42	468.75
2442320242510	4.54	1,001	76.33	409.61	485.94
2442320242520	4.54	1,027	76.33	420.25	496.58
2442320242530	4.54	1,017	76.33	416.16	492.49
2442320242540	4.54	1,001	76.33	409.61	485.94
2442320242550	4.54	895	76.33	366.23	442.56
2442320242560	4.54	895	76.33	366.23	442.56
2442320242570	4.54	895	76.33	366.23	442.56
2442320242580	4.54	895	76.33	366.23	442.56
2442320242590	4.54	1,169	76.33	478.35	554.68
2442320242600	4.54	962	76.33	393.65	469.98
2442320242610	4.54	1,052	76.33	430.48	506.81
2442320242620	4.54	962	76.33	393.65	469.98
2442320242630	4.54	895	76.33	366.23	442.56
2442320242640	4.54	895	76.33	366.23	442.56
2442320242650	4.54	895	76.33	366.23	442.56
2442320242660	4.54	895	76.33	366.23	442.56
2442320242670	4.54	1,001	76.33	409.61	485.94
2442320242680	4.54	1,001	76.33	409.61	485.94
2442320242690	4.54	1,001	76.33	409.61	485.94
2442320242700	4.54	1,001	76.33	409.61	485.94
2442320242710	4.54	1,018	76.33	416.57	492.90
2442320242720	4.54	1,185	76.33	484.90	561.23
2442320242730	4.54	1,018	76.33	416.57	492.90
2442320242740	4.54	1,018	76.33	416.57	492.90
2442320242750	4.54	962	76.33	393.65	469.98
2442320242760	4.54	962	76.33	393.65	469.98

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320242770	4.54	962	76.33	393.65	469.98
2442320242780	4.54	962	76.33	393.65	469.98
2442320242790	4.54	1,327	76.33	543.01	619.34
2442320242800	4.54	1,018	76.33	416.57	492.90
2442320242810	4.54	1,018	76.33	416.57	492.90
2442320242820	4.54	1,159	76.33	474.26	550.59
2442320242830	4.54	895	76.33	366.23	442.56
2442320242840	4.54	895	76.33	366.23	442.56
2442320242850	4.54	895	76.33	366.23	442.56
2442320250010	4.54	1,050	76.33	429.66	505.99
2442320250020	4.54	1,050	76.33	429.66	505.99
2442320250030	4.54	1,050	76.33	429.66	505.99
2442320250040	4.54	1,050	76.33	429.66	505.99
2442320250050	4.54	1,050	76.33	429.66	505.99
2442320250060	4.54	1,050	76.33	429.66	505.99
2442320250070	4.54	1,050	76.33	429.66	505.99
2442320250080	4.54	1,050	76.33	429.66	505.99
2442320250090	4.54	1,335	76.33	546.28	622.61
2442320250100	4.54	1,335	76.33	546.28	622.61
2442320250110	4.54	1,050	76.33	429.66	505.99
2442320250120	4.54	1,050	76.33	429.66	505.99
2442320250130	4.54	1,050	76.33	429.66	505.99
2442320250140	4.54	1,050	76.33	429.66	505.99
2442320250150	4.54	1,335	76.33	546.28	622.61
2442320250160	4.54	1,335	76.33	546.28	622.61
2442320250170	4.54	1,050	76.33	429.66	505.99
2442320250180	4.54	1,050	76.33	429.66	505.99
2442320250190	4.54	1,050	76.33	429.66	505.99
2442320250200	4.54	1,050	76.33	429.66	505.99
2442320250210	4.54	1,335	76.33	546.28	622.61
2442320250220	4.54	1,335	76.33	546.28	622.61
2442320250230	4.54	1,050	76.33	429.66	505.99
2442320250240	4.54	1,050	76.33	429.66	505.99
2442320250250	4.54	1,335	76.33	546.28	622.61
2442320250260	4.54	1,335	76.33	546.28	622.61
2442320250270	4.54	1,335	76.33	546.28	622.61
2442320250280	4.54	1,335	76.33	546.28	622.61
2442320250290	4.54	1,335	76.33	546.28	622.61
2442320250300	4.54	1,335	76.33	546.28	622.61
2442320290010	4.54	1,271	76.33	520.09	596.42
2442320290020	4.54	946	76.33	387.10	463.43
2442320290030	4.54	979	76.33	400.61	476.94
2442320290040	4.54	783	76.33	320.40	396.73
2442320290050	4.54	985	76.33	403.06	479.39
2442320290060	4.54	2,044	76.33	836.40	912.73
2442320290070	4.54	2,040	76.33	834.77	911.10
2442320290080	4.54	2,040	76.33	834.77	911.10
2442320290090	4.54	2,040	76.33	834.77	911.10
2442320290100	4.54	2,040	76.33	834.77	911.10
2442320290110	4.54	2,040	76.33	834.77	911.10
2442320290120	4.54	2,040	76.33	834.77	911.10

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320290130	4.54	2,040	76.33	834.77	911.10
2442320290140	4.54	2,040	76.33	834.77	911.10
2442320290150	4.54	2,040	76.33	834.77	911.10
2442320290160	4.54	1,807	76.33	739.42	815.75
2442320290170	4.54	1,805	76.33	738.61	814.94
2442320290180	4.54	1,805	76.33	738.61	814.94
2442320290190	4.54	1,805	76.33	738.61	814.94
2442320290200	4.54	1,805	76.33	738.61	814.94
2442320290210	4.54	1,805	76.33	738.61	814.94
2442320290220	4.54	1,805	76.33	738.61	814.94
2442320290230	4.54	1,805	76.33	738.61	814.94
2442320290240	4.54	1,805	76.33	738.61	814.94
2442320290250	4.54	1,805	76.33	738.61	814.94
2442320290260	4.54	1,622	76.33	663.72	740.05
2442320290270	4.54	1,622	76.33	663.72	740.05
2442320290280	4.54	1,622	76.33	663.72	740.05
2442320290290	4.54	1,622	76.33	663.72	740.05
2442320290300	4.54	1,622	76.33	663.72	740.05
2442320290310	4.54	1,622	76.33	663.72	740.05
2442320290320	4.54	1,622	76.33	663.72	740.05
2442320290330	4.54	1,622	76.33	663.72	740.05
2442320290340	4.54	1,622	76.33	663.72	740.05
2442320290350	4.54	1,622	76.33	663.72	740.05
2442320290360	4.54	981	76.33	401.43	477.76
2442320290370	4.54	917	76.33	375.24	451.57
2442320290380	4.54	917	76.33	375.24	451.57
2442320290390	4.54	917	76.33	375.24	451.57
2442320290400	4.54	917	76.33	375.24	451.57
2442320290410	4.54	917	76.33	375.24	451.57
2442320290420	4.54	917	76.33	375.24	451.57
2442320290430	4.54	917	76.33	375.24	451.57
2442320290440	4.54	917	76.33	375.24	451.57
2442320290450	4.54	917	76.33	375.24	451.57
2442320290460	4.54	830	76.33	339.64	415.97
2442320290470	4.54	917	76.33	375.24	451.57
2442320290480	4.54	917	76.33	375.24	451.57
2442320290490	4.54	917	76.33	375.24	451.57
2442320290500	4.54	917	76.33	375.24	451.57
2442320290510	4.54	917	76.33	375.24	451.57
2442320290520	4.54	917	76.33	375.24	451.57
2442320290530	4.54	917	76.33	375.24	451.57
2442320290540	4.54	917	76.33	375.24	451.57
2442320290550	4.54	917	76.33	375.24	451.57
2442320290560	4.54	1,215	76.33	497.18	573.51
2442320290570	4.54	1,215	76.33	497.18	573.51
2442320290580	4.54	1,215	76.33	497.18	573.51
2442320290590	4.54	1,215	76.33	497.18	573.51
2442320290600	4.54	1,215	76.33	497.18	573.51
2442320290610	4.54	1,215	76.33	497.18	573.51
2442320290620	4.54	1,215	76.33	497.18	573.51
2442320290630	4.54	1,215	76.33	497.18	573.51

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320290640	4.54	1,215	76.33	497.18	573.51
2442320290650	4.54	2,957	76.33	1,210.00	1,286.33
2442320290660	4.54	2,563	76.33	1,048.78	1,125.11
2442320290670	4.54	918	76.33	375.65	451.98
2442320290680	4.54	931	76.33	380.97	457.30
2442320290690	4.54	1,215	76.33	497.18	573.51
2442320290700	4.54	4,268	76.33	1,746.47	1,822.80
2442320290710	4.54	3,989	76.33	1,632.30	1,708.63
2442320290720	4.54	1,269	76.33	519.27	595.60
2442320290730	4.54	946	76.33	387.10	463.43
2442320290740	4.54	979	76.33	400.61	476.94
2442320290750	4.54	783	76.33	320.40	396.73
2442320290760	4.54	985	76.33	403.06	479.39
2442320290770	4.54	2,044	76.33	836.40	912.73
2442320290780	4.54	2,038	76.33	833.95	910.28
2442320290790	4.54	2,038	76.33	833.95	910.28
2442320290800	4.54	2,038	76.33	833.95	910.28
2442320290810	4.54	2,038	76.33	833.95	910.28
2442320290820	4.54	2,038	76.33	833.95	910.28
2442320290830	4.54	2,038	76.33	833.95	910.28
2442320290840	4.54	2,038	76.33	833.95	910.28
2442320290850	4.54	2,038	76.33	833.95	910.28
2442320290860	4.54	2,038	76.33	833.95	910.28
2442320290870	4.54	1,807	76.33	739.42	815.75
2442320290880	4.54	1,813	76.33	741.88	818.21
2442320290890	4.54	1,813	76.33	741.88	818.21
2442320290900	4.54	1,813	76.33	741.88	818.21
2442320290910	4.54	1,813	76.33	741.88	818.21
2442320290920	4.54	1,813	76.33	741.88	818.21
2442320290930	4.54	1,813	76.33	741.88	818.21
2442320290940	4.54	1,813	76.33	741.88	818.21
2442320290950	4.54	1,813	76.33	741.88	818.21
2442320290960	4.54	1,813	76.33	741.88	818.21
2442320290970	4.54	1,622	76.33	663.72	740.05
2442320290980	4.54	1,617	76.33	661.68	738.01
2442320290990	4.54	1,617	76.33	661.68	738.01
2442320291000	4.54	1,617	76.33	661.68	738.01
2442320291010	4.54	1,617	76.33	661.68	738.01
2442320291020	4.54	1,617	76.33	661.68	738.01
2442320291030	4.54	1,617	76.33	661.68	738.01
2442320291040	4.54	1,617	76.33	661.68	738.01
2442320291050	4.54	1,617	76.33	661.68	738.01
2442320291060	4.54	1,617	76.33	661.68	738.01
2442320291070	4.54	917	76.33	375.24	451.57
2442320291080	4.54	917	76.33	375.24	451.57
2442320291090	4.54	917	76.33	375.24	451.57
2442320291100	4.54	917	76.33	375.24	451.57
2442320291110	4.54	917	76.33	375.24	451.57
2442320291120	4.54	917	76.33	375.24	451.57
2442320291130	4.54	917	76.33	375.24	451.57
2442320291140	4.54	917	76.33	375.24	451.57

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320291150	4.54	917	76.33	375.24	451.57
2442320291160	4.54	917	76.33	375.24	451.57
2442320291170	4.54	830	76.33	339.64	415.97
2442320291180	4.54	930	76.33	380.56	456.89
2442320291190	4.54	930	76.33	380.56	456.89
2442320291200	4.54	930	76.33	380.56	456.89
2442320291210	4.54	930	76.33	380.56	456.89
2442320291220	4.54	930	76.33	380.56	456.89
2442320291230	4.54	930	76.33	380.56	456.89
2442320291240	4.54	930	76.33	380.56	456.89
2442320291250	4.54	930	76.33	380.56	456.89
2442320291260	4.54	930	76.33	380.56	456.89
2442320291270	4.54	1,215	76.33	497.18	573.51
2442320291280	4.54	1,215	76.33	497.18	573.51
2442320291290	4.54	1,215	76.33	497.18	573.51
2442320291300	4.54	1,215	76.33	497.18	573.51
2442320291310	4.54	1,215	76.33	497.18	573.51
2442320291320	4.54	1,215	76.33	497.18	573.51
2442320291330	4.54	1,215	76.33	497.18	573.51
2442320291340	4.54	1,215	76.33	497.18	573.51
2442320291350	4.54	1,215	76.33	497.18	573.51
2442320291360	4.54	2,957	76.33	1,210.00	1,286.33
2442320291370	4.54	2,564	76.33	1,049.19	1,125.52
2442320291380	4.54	2,136	76.33	874.05	950.38
2442320291390	4.54	931	76.33	380.97	457.30
2442320291410	4.54	4,268	76.33	1,746.47	1,822.80
2442320291420	4.54	4,079	76.33	1,669.13	1,745.46
2442320291430	4.54	2,731	76.33	1,117.53	1,193.86
2442320291440	4.54	2,691	76.33	1,101.16	1,177.49
2442320291450	4.54	2,690	76.33	1,100.75	1,177.08
2442320291460	4.54	2,731	76.33	1,117.53	1,193.86
2442320291470	4.54	2,691	76.33	1,101.16	1,177.49
2442320291480	4.54	2,690	76.33	1,100.75	1,177.08
2442320291490	4.54	2,731	76.33	1,117.53	1,193.86
2442320291500	4.54	2,691	76.33	1,101.16	1,177.49
2442320291510	4.54	2,690	76.33	1,100.75	1,177.08
2442320291520	4.54	2,731	76.33	1,117.53	1,193.86
2442320291530	4.54	2,696	76.33	1,103.20	1,179.53
2442320291540	4.54	2,690	76.33	1,100.75	1,177.08
2442320640010	4.54	838	76.33	342.91	419.24
2442320640020	4.54	506	76.33	207.06	283.39
2442320640030	4.54	752	76.33	307.72	384.05
2442320640040	4.54	838	76.33	342.91	419.24
2442320640050	4.54	764	76.33	312.63	388.96
2442320640060	4.54	838	76.33	342.91	419.24
2442320640070	4.54	506	76.33	207.06	283.39
2442320640080	4.54	752	76.33	307.72	384.05
2442320640090	4.54	838	76.33	342.91	419.24
2442320640100	4.54	764	76.33	312.63	388.96
2442320640110	4.54	838	76.33	342.91	419.24
2442320640120	4.54	506	76.33	207.06	283.39

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2442320640130	4.54	752	76.33	307.72	384.05
2442320640140	4.54	838	76.33	342.91	419.24
2442320640150	4.54	764	76.33	312.63	388.96
2442320640160	4.54	838	76.33	342.91	419.24
2442320640170	4.54	506	76.33	207.06	283.39
2442320640180	4.54	752	76.33	307.72	384.05
2442320640190	4.54	838	76.33	342.91	419.24
2442320640200	4.54	764	76.33	312.63	388.96
2442320640210	4.54	838	76.33	342.91	419.24
2442320640220	4.54	506	76.33	207.06	283.39
2442320640230	4.54	752	76.33	307.72	384.05
2442320640240	4.54	838	76.33	342.91	419.24
2442320640250	4.54	764	76.33	312.63	388.96
2442320640260	4.54	838	76.33	342.91	419.24
2442320640270	4.54	506	76.33	207.06	283.39
2442320640280	4.54	752	76.33	307.72	384.05
2442320640290	4.54	838	76.33	342.91	419.24
2442320640300	4.54	764	76.33	312.63	388.96
2442320640310	4.54	838	76.33	342.91	419.24
2442320640320	4.54	506	76.33	207.06	283.39
2442320640330	4.54	752	76.33	307.72	384.05
2442320640340	4.54	838	76.33	342.91	419.24
2442320640350	4.54	764	76.33	312.63	388.96
2442320640360	4.54	838	76.33	342.91	419.24
2442320640370	4.54	506	76.33	207.06	283.39
2442320640380	4.54	752	76.33	307.72	384.05
2442320640390	4.54	838	76.33	342.91	419.24
2442320640400	4.54	764	76.33	312.63	388.96
2442320640410	4.54	838	76.33	342.91	419.24
2442320640420	4.54	506	76.33	207.06	283.39
2442320640430	4.54	752	76.33	307.72	384.05
2442320640440	4.54	838	76.33	342.91	419.24
2442320640450	4.54	764	76.33	312.63	388.96
2442320640460	4.54	1,525	76.33	624.03	700.36
2442320640470	4.54	1,346	76.33	550.78	627.11
2442320640480	4.54	769	76.33	314.67	391.00
2452040020030	116.53	50,039	1,959.09	20,475.96	22,435.05
2452040020090	4.54	-	76.33	-	76.33
2452040020093	-	40,035	-	16,382.32	16,382.32
2452040050010	4.54	1,820	76.33	744.74	821.07
2452040050020	4.54	1,820	76.33	744.74	821.07
2452040050030	4.54	1,820	76.33	744.74	821.07
2452040050040	4.54	3,034	76.33	1,241.51	1,317.84
2452040050050	4.54	2,670	76.33	1,092.56	1,168.89
2452040060010	4.54	1,820	76.33	744.74	821.07
2452040060020	4.54	1,820	76.33	744.74	821.07
2452040060030	4.54	1,820	76.33	744.74	821.07
2452040060040	4.54	2,670	76.33	1,092.56	1,168.89
2452040060050	4.54	1,820	76.33	744.74	821.07
2452040070010	4.54	1,820	76.33	744.74	821.07
2452040070020	4.54	1,820	76.33	744.74	821.07

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040070030	4.54	1,820	76.33	744.74	821.07
2452040070040	4.54	1,820	76.33	744.74	821.07
2452040070050	4.54	1,820	76.33	744.74	821.07
2452040070060	4.54	1,820	76.33	744.74	821.07
2452040080010	4.54	360	76.33	147.31	223.64
2452040080020	4.54	360	76.33	147.31	223.64
2452040080030	4.54	360	76.33	147.31	223.64
2452040080040	4.54	360	76.33	147.31	223.64
2452040080050	4.54	360	76.33	147.31	223.64
2452040080060	4.54	1,209	76.33	494.72	571.05
2452040080070	4.54	727	76.33	297.49	373.82
2452040080080	4.54	727	76.33	297.49	373.82
2452040080090	4.54	727	76.33	297.49	373.82
2452040080100	4.54	727	76.33	297.49	373.82
2452040080110	4.54	727	76.33	297.49	373.82
2452040080120	4.54	727	76.33	297.49	373.82
2452040080130	4.54	1,209	76.33	494.72	571.05
2452040080140	4.54	1,209	76.33	494.72	571.05
2452040080150	4.54	727	76.33	297.49	373.82
2452040080160	4.54	727	76.33	297.49	373.82
2452040080170	4.54	727	76.33	297.49	373.82
2452040080180	4.54	727	76.33	297.49	373.82
2452040080190	4.54	727	76.33	297.49	373.82
2452040080200	4.54	727	76.33	297.49	373.82
2452040080210	4.54	1,209	76.33	494.72	571.05
2452040080220	4.54	1,209	76.33	494.72	571.05
2452040080230	4.54	727	76.33	297.49	373.82
2452040080240	4.54	727	76.33	297.49	373.82
2452040080250	4.54	727	76.33	297.49	373.82
2452040080260	4.54	727	76.33	297.49	373.82
2452040080270	4.54	727	76.33	297.49	373.82
2452040080280	4.54	727	76.33	297.49	373.82
2452040080290	4.54	1,209	76.33	494.72	571.05
2452040080300	4.54	1,209	76.33	494.72	571.05
2452040080310	4.54	727	76.33	297.49	373.82
2452040080320	4.54	727	76.33	297.49	373.82
2452040080330	4.54	727	76.33	297.49	373.82
2452040080340	4.54	727	76.33	297.49	373.82
2452040080350	4.54	727	76.33	297.49	373.82
2452040080360	4.54	727	76.33	297.49	373.82
2452040080370	4.54	1,209	76.33	494.72	571.05
2452040080380	4.54	1,209	76.33	494.72	571.05
2452040080390	4.54	727	76.33	297.49	373.82
2452040080400	4.54	727	76.33	297.49	373.82
2452040080410	4.54	727	76.33	297.49	373.82
2452040080420	4.54	727	76.33	297.49	373.82
2452040080430	4.54	727	76.33	297.49	373.82
2452040080440	4.54	727	76.33	297.49	373.82
2452040080450	4.54	1,209	76.33	494.72	571.05
2452040080460	4.54	1,209	76.33	494.72	571.05
2452040080470	4.54	727	76.33	297.49	373.82

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040080480	4.54		727	76.33	297.49	373.82
2452040080490	4.54		727	76.33	297.49	373.82
2452040080500	4.54		727	76.33	297.49	373.82
2452040080510	4.54		727	76.33	297.49	373.82
2452040080520	4.54		727	76.33	297.49	373.82
2452040080530	4.54		1,209	76.33	494.72	571.05
2452040080540	4.54		1,209	76.33	494.72	571.05
2452040080550	4.54		727	76.33	297.49	373.82
2452040080560	4.54		727	76.33	297.49	373.82
2452040080570	4.54		727	76.33	297.49	373.82
2452040080580	4.54		727	76.33	297.49	373.82
2452040080590	4.54		727	76.33	297.49	373.82
2452040080600	4.54		727	76.33	297.49	373.82
2452040080610	4.54		1,209	76.33	494.72	571.05
2452040080620	4.54		1,209	76.33	494.72	571.05
2452040080630	4.54		727	76.33	297.49	373.82
2452040080640	4.54		727	76.33	297.49	373.82
2452040080650	4.54		727	76.33	297.49	373.82
2452040080660	4.54		727	76.33	297.49	373.82
2452040080670	4.54		727	76.33	297.49	373.82
2452040080680	4.54		727	76.33	297.49	373.82
2452040080690	4.54		1,209	76.33	494.72	571.05
2452040080700	4.54		1,209	76.33	494.72	571.05
2452040080710	4.54		727	76.33	297.49	373.82
2452040080720	4.54		727	76.33	297.49	373.82
2452040080730	4.54		727	76.33	297.49	373.82
2452040080740	4.54		727	76.33	297.49	373.82
2452040080750	4.54		727	76.33	297.49	373.82
2452040080760	4.54		727	76.33	297.49	373.82
2452040080770	4.54		1,209	76.33	494.72	571.05
2452040080780	4.54		1,209	76.33	494.72	571.05
2452040080790	4.54		727	76.33	297.49	373.82
2452040080800	4.54		727	76.33	297.49	373.82
2452040080810	4.54		727	76.33	297.49	373.82
2452040080820	4.54		727	76.33	297.49	373.82
2452040080830	4.54		727	76.33	297.49	373.82
2452040080840	4.54		727	76.33	297.49	373.82
2452040080850	4.54		1,209	76.33	494.72	571.05
2452040080860	4.54		1,209	76.33	494.72	571.05
2452040080870	4.54		727	76.33	297.49	373.82
2452040080880	4.54		727	76.33	297.49	373.82
2452040080890	4.54		727	76.33	297.49	373.82
2452040080900	4.54		727	76.33	297.49	373.82
2452040080910	4.54		727	76.33	297.49	373.82
2452040080920	4.54		727	76.33	297.49	373.82
2452040080930	4.54		1,209	76.33	494.72	571.05
2452040080940	4.54		1,936	76.33	792.21	868.54
2452040080960	4.54		727	76.33	297.49	373.82
2452040080970	4.54		727	76.33	297.49	373.82
2452040080980	4.54		727	76.33	297.49	373.82
2452040080990	4.54		727	76.33	297.49	373.82

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040081000	4.54	727	76.33	297.49	373.82
2452040081010	4.54	1,209	76.33	494.72	571.05
2452040081020	4.54	1,209	76.33	494.72	571.05
2452040081030	4.54	727	76.33	297.49	373.82
2452040081040	4.54	727	76.33	297.49	373.82
2452040081050	4.54	727	76.33	297.49	373.82
2452040081060	4.54	727	76.33	297.49	373.82
2452040081070	4.54	727	76.33	297.49	373.82
2452040081080	4.54	727	76.33	297.49	373.82
2452040081090	4.54	1,209	76.33	494.72	571.05
2452040081100	4.54	1,209	76.33	494.72	571.05
2452040081110	4.54	727	76.33	297.49	373.82
2452040081120	4.54	727	76.33	297.49	373.82
2452040081130	4.54	727	76.33	297.49	373.82
2452040081140	4.54	727	76.33	297.49	373.82
2452040081150	4.54	727	76.33	297.49	373.82
2452040081160	4.54	727	76.33	297.49	373.82
2452040081170	4.54	1,209	76.33	494.72	571.05
2452040081180	4.54	1,209	76.33	494.72	571.05
2452040081190	4.54	727	76.33	297.49	373.82
2452040081200	4.54	727	76.33	297.49	373.82
2452040081210	4.54	727	76.33	297.49	373.82
2452040081220	4.54	727	76.33	297.49	373.82
2452040081230	4.54	727	76.33	297.49	373.82
2452040081240	4.54	727	76.33	297.49	373.82
2452040081250	4.54	1,209	76.33	494.72	571.05
2452040081260	4.54	1,209	76.33	494.72	571.05
2452040081270	4.54	727	76.33	297.49	373.82
2452040081280	4.54	727	76.33	297.49	373.82
2452040081290	4.54	727	76.33	297.49	373.82
2452040081300	4.54	727	76.33	297.49	373.82
2452040081310	4.54	727	76.33	297.49	373.82
2452040081320	4.54	727	76.33	297.49	373.82
2452040081330	4.54	1,209	76.33	494.72	571.05
2452040081340	4.54	1,209	76.33	494.72	571.05
2452040081350	4.54	727	76.33	297.49	373.82
2452040081360	4.54	727	76.33	297.49	373.82
2452040081370	4.54	727	76.33	297.49	373.82
2452040081380	4.54	727	76.33	297.49	373.82
2452040081390	4.54	727	76.33	297.49	373.82
2452040081400	4.54	727	76.33	297.49	373.82
2452040081410	4.54	1,209	76.33	494.72	571.05
2452040081420	4.54	1,209	76.33	494.72	571.05
2452040081430	4.54	727	76.33	297.49	373.82
2452040081440	4.54	727	76.33	297.49	373.82
2452040081450	4.54	727	76.33	297.49	373.82
2452040081460	4.54	727	76.33	297.49	373.82
2452040081470	4.54	727	76.33	297.49	373.82
2452040081480	4.54	727	76.33	297.49	373.82
2452040081490	4.54	1,209	76.33	494.72	571.05
2452040081500	4.54	1,209	76.33	494.72	571.05

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040081510	4.54	727	76.33	297.49	373.82
2452040081520	4.54	727	76.33	297.49	373.82
2452040081530	4.54	727	76.33	297.49	373.82
2452040081540	4.54	727	76.33	297.49	373.82
2452040081550	4.54	727	76.33	297.49	373.82
2452040081560	4.54	727	76.33	297.49	373.82
2452040081570	4.54	1,209	76.33	494.72	571.05
2452040081580	4.54	1,209	76.33	494.72	571.05
2452040081590	4.54	727	76.33	297.49	373.82
2452040081600	4.54	727	76.33	297.49	373.82
2452040081610	4.54	727	76.33	297.49	373.82
2452040081620	4.54	727	76.33	297.49	373.82
2452040081630	4.54	727	76.33	297.49	373.82
2452040081640	4.54	727	76.33	297.49	373.82
2452040081650	4.54	1,209	76.33	494.72	571.05
2452040081660	4.54	1,209	76.33	494.72	571.05
2452040081670	4.54	727	76.33	297.49	373.82
2452040081680	4.54	727	76.33	297.49	373.82
2452040081690	4.54	727	76.33	297.49	373.82
2452040081700	4.54	727	76.33	297.49	373.82
2452040081710	4.54	727	76.33	297.49	373.82
2452040081720	4.54	727	76.33	297.49	373.82
2452040081730	4.54	1,209	76.33	494.72	571.05
2452040081740	4.54	1,209	76.33	494.72	571.05
2452040081750	4.54	727	76.33	297.49	373.82
2452040081760	4.54	727	76.33	297.49	373.82
2452040081770	4.54	727	76.33	297.49	373.82
2452040081780	4.54	727	76.33	297.49	373.82
2452040081790	4.54	727	76.33	297.49	373.82
2452040081800	4.54	727	76.33	297.49	373.82
2452040081810	4.54	1,209	76.33	494.72	571.05
2452040081820	4.54	1,209	76.33	494.72	571.05
2452040081830	4.54	727	76.33	297.49	373.82
2452040081840	4.54	727	76.33	297.49	373.82
2452040081850	4.54	727	76.33	297.49	373.82
2452040081860	4.54	727	76.33	297.49	373.82
2452040081870	4.54	727	76.33	297.49	373.82
2452040081880	4.54	727	76.33	297.49	373.82
2452040081890	4.54	1,209	76.33	494.72	571.05
2452040081900	4.54	1,209	76.33	494.72	571.05
2452040081910	4.54	727	76.33	297.49	373.82
2452040081920	4.54	727	76.33	297.49	373.82
2452040081930	4.54	727	76.33	297.49	373.82
2452040081940	4.54	727	76.33	297.49	373.82
2452040081950	4.54	727	76.33	297.49	373.82
2452040081960	4.54	727	76.33	297.49	373.82
2452040081970	4.54	1,209	76.33	494.72	571.05
2452040081980	4.54	1,209	76.33	494.72	571.05
2452040081990	4.54	1,453	76.33	594.57	670.90
2452040082010	4.54	727	76.33	297.49	373.82
2452040082020	4.54	727	76.33	297.49	373.82

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040082030	4.54	663	76.33	271.30	347.63
2452040082040	4.54	676	76.33	276.62	352.95
2452040082050	4.54	1,209	76.33	494.72	571.05
2452040082060	4.54	404	76.33	165.32	241.65
2452040082070	4.54	404	76.33	165.32	241.65
2452040082080	4.54	404	76.33	165.32	241.65
2452040082090	4.54	404	76.33	165.32	241.65
2452040082100	4.54	404	76.33	165.32	241.65
2452040082110	4.54	404	76.33	165.32	241.65
2452040082120	4.54	404	76.33	165.32	241.65
2452040082130	4.54	404	76.33	165.32	241.65
2452040082140	4.54	404	76.33	165.32	241.65
2452040082150	4.54	404	76.33	165.32	241.65
2452040082160	4.54	404	76.33	165.32	241.65
2452040082170	4.54	404	76.33	165.32	241.65
2452040082180	4.54	404	76.33	165.32	241.65
2452040082190	4.54	404	76.33	165.32	241.65
2452040082200	4.54	404	76.33	165.32	241.65
2452040082210	4.54	404	76.33	165.32	241.65
2452040082220	4.54	404	76.33	165.32	241.65
2452040082230	4.54	404	76.33	165.32	241.65
2452040082240	4.54	404	76.33	165.32	241.65
2452040082250	4.54	404	76.33	165.32	241.65
2452040082260	4.54	404	76.33	165.32	241.65
2452040082270	4.54	404	76.33	165.32	241.65
2452040082280	4.54	404	76.33	165.32	241.65
2452040082290	4.54	404	76.33	165.32	241.65
2452040082300	4.54	404	76.33	165.32	241.65
2452040082310	4.54	404	76.33	165.32	241.65
2452040082320	4.54	404	76.33	165.32	241.65
2452040082330	4.54	404	76.33	165.32	241.65
2452040082340	4.54	404	76.33	165.32	241.65
2452040082350	4.54	404	76.33	165.32	241.65
2452040082360	4.54	404	76.33	165.32	241.65
2452040082370	4.54	404	76.33	165.32	241.65
2452040090010	4.54	1,345	76.33	550.37	626.70
2452040090020	4.54	1,664	76.33	680.91	757.24
2452040090030	4.54	1,345	76.33	550.37	626.70
2452040090040	4.54	1,345	76.33	550.37	626.70
2452040090050	4.54	1,345	76.33	550.37	626.70
2452040090060	4.54	1,345	76.33	550.37	626.70
2452040090070	4.54	885	76.33	362.14	438.47
2452040090080	4.54	1,345	76.33	550.37	626.70
2452040090090	4.54	1,345	76.33	550.37	626.70
2452040090100	4.54	1,345	76.33	550.37	626.70
2452040090110	4.54	1,345	76.33	550.37	626.70
2452040090120	4.54	1,664	76.33	680.91	757.24
2452040090130	4.54	1,345	76.33	550.37	626.70
2452040090140	4.54	1,664	76.33	680.91	757.24
2452040090150	4.54	1,345	76.33	550.37	626.70
2452040090160	4.54	1,345	76.33	550.37	626.70

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040090170	4.54	1,345	76.33	550.37	626.70
2452040090180	4.54	1,345	76.33	550.37	626.70
2452040090190	4.54	885	76.33	362.14	438.47
2452040090200	4.54	1,345	76.33	550.37	626.70
2452040090210	4.54	1,345	76.33	550.37	626.70
2452040090220	4.54	1,345	76.33	550.37	626.70
2452040090230	4.54	1,345	76.33	550.37	626.70
2452040090240	4.54	1,664	76.33	680.91	757.24
2452040090250	4.54	1,345	76.33	550.37	626.70
2452040090260	4.54	1,664	76.33	680.91	757.24
2452040090270	4.54	1,345	76.33	550.37	626.70
2452040090280	4.54	1,345	76.33	550.37	626.70
2452040090290	4.54	1,345	76.33	550.37	626.70
2452040090300	4.54	1,345	76.33	550.37	626.70
2452040090310	4.54	885	76.33	362.14	438.47
2452040090320	4.54	1,345	76.33	550.37	626.70
2452040090330	4.54	1,345	76.33	550.37	626.70
2452040090340	4.54	1,345	76.33	550.37	626.70
2452040090350	4.54	1,345	76.33	550.37	626.70
2452040090360	4.54	1,664	76.33	680.91	757.24
2452040090370	4.54	1,345	76.33	550.37	626.70
2452040090380	4.54	1,664	76.33	680.91	757.24
2452040090390	4.54	1,345	76.33	550.37	626.70
2452040090400	4.54	1,345	76.33	550.37	626.70
2452040090410	4.54	1,345	76.33	550.37	626.70
2452040090420	4.54	1,345	76.33	550.37	626.70
2452040090430	4.54	885	76.33	362.14	438.47
2452040090440	4.54	1,345	76.33	550.37	626.70
2452040090450	4.54	1,345	76.33	550.37	626.70
2452040090460	4.54	1,345	76.33	550.37	626.70
2452040090470	4.54	1,345	76.33	550.37	626.70
2452040090480	4.54	1,664	76.33	680.91	757.24
2452040090490	4.54	1,345	76.33	550.37	626.70
2452040090500	4.54	1,664	76.33	680.91	757.24
2452040090510	4.54	1,345	76.33	550.37	626.70
2452040090520	4.54	1,345	76.33	550.37	626.70
2452040090530	4.54	1,345	76.33	550.37	626.70
2452040090540	4.54	1,345	76.33	550.37	626.70
2452040090550	4.54	885	76.33	362.14	438.47
2452040090560	4.54	1,345	76.33	550.37	626.70
2452040090570	4.54	1,345	76.33	550.37	626.70
2452040090580	4.54	1,345	76.33	550.37	626.70
2452040090590	4.54	1,345	76.33	550.37	626.70
2452040090600	4.54	1,664	76.33	680.91	757.24
2452040100010	4.54	555	76.33	227.11	303.44
2452040100020	4.54	555	76.33	227.11	303.44
2452040100030	4.54	439	76.33	179.64	255.97
2452040100040	4.54	439	76.33	179.64	255.97
2452040100050	4.54	439	76.33	179.64	255.97
2452040100060	4.54	439	76.33	179.64	255.97
2452040100070	4.54	555	76.33	227.11	303.44

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040100080	4.54		555	76.33	227.11	303.44
2452040100090	4.54		555	76.33	227.11	303.44
2452040100100	4.54		555	76.33	227.11	303.44
2452040100110	4.54		439	76.33	179.64	255.97
2452040100120	4.54		439	76.33	179.64	255.97
2452040100130	4.54		439	76.33	179.64	255.97
2452040100140	4.54		439	76.33	179.64	255.97
2452040100150	4.54		555	76.33	227.11	303.44
2452040100160	4.54		555	76.33	227.11	303.44
2452040100170	4.54		555	76.33	227.11	303.44
2452040100180	4.54		555	76.33	227.11	303.44
2452040100190	4.54		439	76.33	179.64	255.97
2452040100200	4.54		439	76.33	179.64	255.97
2452040100210	4.54		439	76.33	179.64	255.97
2452040100220	4.54		439	76.33	179.64	255.97
2452040100230	4.54		555	76.33	227.11	303.44
2452040100240	4.54		555	76.33	227.11	303.44
2452040100250	4.54		555	76.33	227.11	303.44
2452040100260	4.54		555	76.33	227.11	303.44
2452040100270	4.54		439	76.33	179.64	255.97
2452040100280	4.54		439	76.33	179.64	255.97
2452040100290	4.54		439	76.33	179.64	255.97
2452040100300	4.54		439	76.33	179.64	255.97
2452040100310	4.54		555	76.33	227.11	303.44
2452040100320	4.54		555	76.33	227.11	303.44
2452040100330	4.54		555	76.33	227.11	303.44
2452040100340	4.54		555	76.33	227.11	303.44
2452040100350	4.54		439	76.33	179.64	255.97
2452040100360	4.54		439	76.33	179.64	255.97
2452040100370	4.54		439	76.33	179.64	255.97
2452040100380	4.54		439	76.33	179.64	255.97
2452040100390	4.54		555	76.33	227.11	303.44
2452040100400	4.54		555	76.33	227.11	303.44
2452040100410	4.54		555	76.33	227.11	303.44
2452040100420	4.54		555	76.33	227.11	303.44
2452040100430	4.54		439	76.33	179.64	255.97
2452040100440	4.54		439	76.33	179.64	255.97
2452040100450	4.54		439	76.33	179.64	255.97
2452040100460	4.54		439	76.33	179.64	255.97
2452040100470	4.54		555	76.33	227.11	303.44
2452040100480	4.54		555	76.33	227.11	303.44
2452040100490	4.54		555	76.33	227.11	303.44
2452040100500	4.54		555	76.33	227.11	303.44
2452040100510	4.54		439	76.33	179.64	255.97
2452040100520	4.54		439	76.33	179.64	255.97
2452040100530	4.54		439	76.33	179.64	255.97
2452040100540	4.54		439	76.33	179.64	255.97
2452040100550	4.54		555	76.33	227.11	303.44
2452040100560	4.54		555	76.33	227.11	303.44
2452040100570	4.54		555	76.33	227.11	303.44
2452040100580	4.54		555	76.33	227.11	303.44

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040100590	4.54		439	76.33	179.64	255.97
2452040100600	4.54		439	76.33	179.64	255.97
2452040100610	4.54		439	76.33	179.64	255.97
2452040100620	4.54		439	76.33	179.64	255.97
2452040100630	4.54		555	76.33	227.11	303.44
2452040100640	4.54		555	76.33	227.11	303.44
2452040100650	4.54		555	76.33	227.11	303.44
2452040100660	4.54		555	76.33	227.11	303.44
2452040100670	4.54		439	76.33	179.64	255.97
2452040100680	4.54		439	76.33	179.64	255.97
2452040100690	4.54		439	76.33	179.64	255.97
2452040100700	4.54		439	76.33	179.64	255.97
2452040100710	4.54		555	76.33	227.11	303.44
2452040100720	4.54		555	76.33	227.11	303.44
2452040100730	4.54		555	76.33	227.11	303.44
2452040100740	4.54		993	76.33	406.34	482.67
2452040100760	4.54		439	76.33	179.64	255.97
2452040100770	4.54		439	76.33	179.64	255.97
2452040100780	4.54		439	76.33	179.64	255.97
2452040100790	4.54		555	76.33	227.11	303.44
2452040100800	4.54		555	76.33	227.11	303.44
2452040100810	4.54		555	76.33	227.11	303.44
2452040100820	4.54		555	76.33	227.11	303.44
2452040100830	4.54		439	76.33	179.64	255.97
2452040100840	4.54		439	76.33	179.64	255.97
2452040100850	4.54		439	76.33	179.64	255.97
2452040100860	4.54		439	76.33	179.64	255.97
2452040100870	4.54		555	76.33	227.11	303.44
2452040100880	4.54		555	76.33	227.11	303.44
2452040100890	4.54		555	76.33	227.11	303.44
2452040100900	4.54		555	76.33	227.11	303.44
2452040100910	4.54		439	76.33	179.64	255.97
2452040100920	4.54		439	76.33	179.64	255.97
2452040100930	4.54		439	76.33	179.64	255.97
2452040100940	4.54		439	76.33	179.64	255.97
2452040100950	4.54		555	76.33	227.11	303.44
2452040100960	4.54		555	76.33	227.11	303.44
2452040100970	4.54		555	76.33	227.11	303.44
2452040100980	4.54		555	76.33	227.11	303.44
2452040100990	4.54		439	76.33	179.64	255.97
2452040101000	4.54		374	76.33	153.04	229.37
2452040101010	4.54		439	76.33	179.64	255.97
2452040101020	4.54		439	76.33	179.64	255.97
2452040101030	4.54		555	76.33	227.11	303.44
2452040101040	4.54		555	76.33	227.11	303.44
2452040101050	4.54		555	76.33	227.11	303.44
2452040101060	4.54		555	76.33	227.11	303.44
2452040101070	4.54		439	76.33	179.64	255.97
2452040101080	4.54		439	76.33	179.64	255.97
2452040101090	4.54		439	76.33	179.64	255.97
2452040101100	4.54		439	76.33	179.64	255.97

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040101110	4.54		555	76.33	227.11	303.44
2452040101120	4.54		555	76.33	227.11	303.44
2452040101130	4.54		555	76.33	227.11	303.44
2452040101140	4.54		993	76.33	406.34	482.67
2452040101160	4.54		439	76.33	179.64	255.97
2452040101170	4.54		439	76.33	179.64	255.97
2452040101180	4.54		439	76.33	179.64	255.97
2452040101190	4.54		555	76.33	227.11	303.44
2452040101200	4.54		555	76.33	227.11	303.44
2452040101210	4.54		555	76.33	227.11	303.44
2452040101220	4.54		555	76.33	227.11	303.44
2452040101230	4.54		439	76.33	179.64	255.97
2452040101240	4.54		439	76.33	179.64	255.97
2452040101250	4.54		439	76.33	179.64	255.97
2452040101260	4.54		439	76.33	179.64	255.97
2452040101270	4.54		555	76.33	227.11	303.44
2452040101280	4.54		555	76.33	227.11	303.44
2452040101290	4.54		555	76.33	227.11	303.44
2452040101300	4.54		555	76.33	227.11	303.44
2452040101310	4.54		439	76.33	179.64	255.97
2452040101320	4.54		439	76.33	179.64	255.97
2452040101330	4.54		439	76.33	179.64	255.97
2452040101340	4.54		439	76.33	179.64	255.97
2452040101350	4.54		555	76.33	227.11	303.44
2452040101360	4.54		555	76.33	227.11	303.44
2452040101370	4.54		555	76.33	227.11	303.44
2452040101380	4.54		555	76.33	227.11	303.44
2452040101390	4.54		439	76.33	179.64	255.97
2452040101400	4.54		439	76.33	179.64	255.97
2452040101410	4.54		439	76.33	179.64	255.97
2452040101420	4.54		439	76.33	179.64	255.97
2452040101430	4.54		1,110	76.33	454.21	530.54
2452040101450	4.54		555	76.33	227.11	303.44
2452040101460	4.54		555	76.33	227.11	303.44
2452040101470	4.54		439	76.33	179.64	255.97
2452040101480	4.54		439	76.33	179.64	255.97
2452040101490	4.54		439	76.33	179.64	255.97
2452040101500	4.54		439	76.33	179.64	255.97
2452040101510	4.54		555	76.33	227.11	303.44
2452040101520	4.54		555	76.33	227.11	303.44
2452040101530	4.54		555	76.33	227.11	303.44
2452040101540	4.54		555	76.33	227.11	303.44
2452040101550	4.54		439	76.33	179.64	255.97
2452040101560	4.54		439	76.33	179.64	255.97
2452040101570	4.54		439	76.33	179.64	255.97
2452040101580	4.54		439	76.33	179.64	255.97
2452040101590	4.54		555	76.33	227.11	303.44
2452040101600	4.54		555	76.33	227.11	303.44
2452040101610	4.54		555	76.33	227.11	303.44
2452040101620	4.54		555	76.33	227.11	303.44
2452040101630	4.54		439	76.33	179.64	255.97

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040101640	4.54		439	76.33	179.64	255.97
2452040101650	4.54		439	76.33	179.64	255.97
2452040101660	4.54		439	76.33	179.64	255.97
2452040101670	4.54		555	76.33	227.11	303.44
2452040101680	4.54		555	76.33	227.11	303.44
2452040101690	4.54		555	76.33	227.11	303.44
2452040101700	4.54		555	76.33	227.11	303.44
2452040101710	4.54		439	76.33	179.64	255.97
2452040101720	4.54		439	76.33	179.64	255.97
2452040101730	4.54		439	76.33	179.64	255.97
2452040101740	4.54		439	76.33	179.64	255.97
2452040101750	4.54		555	76.33	227.11	303.44
2452040101760	4.54		555	76.33	227.11	303.44
2452040101770	4.54		555	76.33	227.11	303.44
2452040101780	4.54		555	76.33	227.11	303.44
2452040101790	4.54		439	76.33	179.64	255.97
2452040101800	4.54		439	76.33	179.64	255.97
2452040101810	4.54		439	76.33	179.64	255.97
2452040101820	4.54		439	76.33	179.64	255.97
2452040101830	4.54		555	76.33	227.11	303.44
2452040101840	4.54		555	76.33	227.11	303.44
2452040101850	4.54		555	76.33	227.11	303.44
2452040101860	4.54		555	76.33	227.11	303.44
2452040101870	4.54		439	76.33	179.64	255.97
2452040101880	4.54		439	76.33	179.64	255.97
2452040101890	4.54		439	76.33	179.64	255.97
2452040101900	4.54		439	76.33	179.64	255.97
2452040101910	4.54		555	76.33	227.11	303.44
2452040101920	4.54		555	76.33	227.11	303.44
2452040101930	4.54		555	76.33	227.11	303.44
2452040101940	4.54		555	76.33	227.11	303.44
2452040101950	4.54		694	76.33	283.98	360.31
2452040101970	4.54		687	76.33	281.12	357.45
2452040101980	4.54		555	76.33	227.11	303.44
2452040101990	4.54		555	76.33	227.11	303.44
2452040102000	4.54		555	76.33	227.11	303.44
2452040102010	4.54		555	76.33	227.11	303.44
2452040102020	4.54		347	76.33	141.99	218.32
2452040102030	4.54		347	76.33	141.99	218.32
2452040102040	4.54		687	76.33	281.12	357.45
2452040102050	4.54		555	76.33	227.11	303.44
2452040102060	4.54		555	76.33	227.11	303.44
2452040102070	4.54		555	76.33	227.11	303.44
2452040102080	4.54		555	76.33	227.11	303.44
2452040102090	4.54		347	76.33	141.99	218.32
2452040102100	4.54		347	76.33	141.99	218.32
2452040102110	4.54		687	76.33	281.12	357.45
2452040102120	4.54		555	76.33	227.11	303.44
2452040102130	4.54		555	76.33	227.11	303.44
2452040102140	4.54		555	76.33	227.11	303.44
2452040102150	4.54		902	76.33	369.10	445.43

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040102170	4.54		347	76.33	141.99	218.32
2452040102180	4.54		687	76.33	281.12	357.45
2452040102190	4.54		555	76.33	227.11	303.44
2452040102200	4.54		555	76.33	227.11	303.44
2452040102210	4.54		555	76.33	227.11	303.44
2452040102220	4.54		555	76.33	227.11	303.44
2452040102230	4.54		347	76.33	141.99	218.32
2452040102240	4.54		347	76.33	141.99	218.32
2452040102250	4.54		687	76.33	281.12	357.45
2452040102260	4.54		555	76.33	227.11	303.44
2452040102270	4.54		555	76.33	227.11	303.44
2452040102280	4.54		555	76.33	227.11	303.44
2452040102290	4.54		555	76.33	227.11	303.44
2452040102300	4.54		347	76.33	141.99	218.32
2452040102310	4.54		347	76.33	141.99	218.32
2452040102320	4.54		687	76.33	281.12	357.45
2452040102330	4.54		555	76.33	227.11	303.44
2452040102340	4.54		555	76.33	227.11	303.44
2452040102350	4.54		555	76.33	227.11	303.44
2452040102360	4.54		555	76.33	227.11	303.44
2452040102370	4.54		347	76.33	141.99	218.32
2452040102380	4.54		347	76.33	141.99	218.32
2452040102390	4.54		687	76.33	281.12	357.45
2452040102400	4.54		555	76.33	227.11	303.44
2452040102410	4.54		555	76.33	227.11	303.44
2452040102420	4.54		555	76.33	227.11	303.44
2452040102430	4.54		555	76.33	227.11	303.44
2452040102440	4.54		347	76.33	141.99	218.32
2452040102450	4.54		347	76.33	141.99	218.32
2452040102460	4.54		687	76.33	281.12	357.45
2452040102470	4.54		555	76.33	227.11	303.44
2452040102480	4.54		555	76.33	227.11	303.44
2452040102490	4.54		555	76.33	227.11	303.44
2452040102500	4.54		555	76.33	227.11	303.44
2452040102510	4.54		347	76.33	141.99	218.32
2452040102520	4.54		347	76.33	141.99	218.32
2452040102530	4.54		687	76.33	281.12	357.45
2452040102540	4.54		555	76.33	227.11	303.44
2452040102550	4.54		555	76.33	227.11	303.44
2452040102560	4.54		555	76.33	227.11	303.44
2452040102570	4.54		555	76.33	227.11	303.44
2452040102590	4.54		694	76.33	283.98	360.31
2452040102600	4.54		687	76.33	281.12	357.45
2452040102610	4.54		555	76.33	227.11	303.44
2452040102620	4.54		555	76.33	227.11	303.44
2452040102630	4.54		555	76.33	227.11	303.44
2452040102640	4.54		902	76.33	369.10	445.43
2452040102660	4.54		347	76.33	141.99	218.32
2452040102670	4.54		687	76.33	281.12	357.45
2452040102680	4.54		555	76.33	227.11	303.44
2452040102690	4.54		555	76.33	227.11	303.44

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040102700	4.54		555	76.33	227.11	303.44
2452040102710	4.54		555	76.33	227.11	303.44
2452040102720	4.54		439	76.33	179.64	255.97
2452040102730	4.54		439	76.33	179.64	255.97
2452040102740	4.54		439	76.33	179.64	255.97
2452040102750	4.54		439	76.33	179.64	255.97
2452040102760	4.54		555	76.33	227.11	303.44
2452040102770	4.54		555	76.33	227.11	303.44
2452040102780	4.54		555	76.33	227.11	303.44
2452040102790	4.54		555	76.33	227.11	303.44
2452040102800	4.54		439	76.33	179.64	255.97
2452040102810	4.54		439	76.33	179.64	255.97
2452040102820	4.54		439	76.33	179.64	255.97
2452040102830	4.54		439	76.33	179.64	255.97
2452040102840	4.54		555	76.33	227.11	303.44
2452040102850	4.54		555	76.33	227.11	303.44
2452040102860	4.54		555	76.33	227.11	303.44
2452040102870	4.54		555	76.33	227.11	303.44
2452040102880	4.54		439	76.33	179.64	255.97
2452040102890	4.54		439	76.33	179.64	255.97
2452040102900	4.54		439	76.33	179.64	255.97
2452040102910	4.54		439	76.33	179.64	255.97
2452040102920	4.54		555	76.33	227.11	303.44
2452040102930	4.54		555	76.33	227.11	303.44
2452040102940	4.54		555	76.33	227.11	303.44
2452040102950	4.54		555	76.33	227.11	303.44
2452040102960	4.54		439	76.33	179.64	255.97
2452040102970	4.54		439	76.33	179.64	255.97
2452040102980	4.54		439	76.33	179.64	255.97
2452040102990	4.54		439	76.33	179.64	255.97
2452040103000	4.54		555	76.33	227.11	303.44
2452040103010	4.54		555	76.33	227.11	303.44
2452040103020	4.54		555	76.33	227.11	303.44
2452040103030	4.54		555	76.33	227.11	303.44
2452040103040	4.54		439	76.33	179.64	255.97
2452040103050	4.54		439	76.33	179.64	255.97
2452040103060	4.54		439	76.33	179.64	255.97
2452040103070	4.54		439	76.33	179.64	255.97
2452040103080	4.54		555	76.33	227.11	303.44
2452040103090	4.54		555	76.33	227.11	303.44
2452040103100	4.54		555	76.33	227.11	303.44
2452040103110	4.54		555	76.33	227.11	303.44
2452040103120	4.54		439	76.33	179.64	255.97
2452040103130	4.54		439	76.33	179.64	255.97
2452040103140	4.54		439	76.33	179.64	255.97
2452040103150	4.54		439	76.33	179.64	255.97
2452040103160	4.54		555	76.33	227.11	303.44
2452040103170	4.54		555	76.33	227.11	303.44
2452040103180	4.54		555	76.33	227.11	303.44
2452040103190	4.54		555	76.33	227.11	303.44
2452040103200	4.54		439	76.33	179.64	255.97

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040103210	4.54		439	76.33	179.64	255.97
2452040103220	4.54		439	76.33	179.64	255.97
2452040103230	4.54		439	76.33	179.64	255.97
2452040103240	4.54		1,110	76.33	454.21	530.54
2452040103260	4.54		555	76.33	227.11	303.44
2452040103270	4.54		555	76.33	227.11	303.44
2452040103280	4.54		439	76.33	179.64	255.97
2452040103290	4.54		439	76.33	179.64	255.97
2452040103300	4.54		439	76.33	179.64	255.97
2452040103310	4.54		439	76.33	179.64	255.97
2452040103320	4.54		555	76.33	227.11	303.44
2452040103330	4.54		555	76.33	227.11	303.44
2452040103340	4.54		423	76.33	173.09	249.42
2452040103350	4.54		555	76.33	227.11	303.44
2452040103360	4.54		439	76.33	179.64	255.97
2452040103370	4.54		439	76.33	179.64	255.97
2452040103380	4.54		439	76.33	179.64	255.97
2452040103390	4.54		439	76.33	179.64	255.97
2452040103400	4.54		555	76.33	227.11	303.44
2452040103410	4.54		555	76.33	227.11	303.44
2452040103420	4.54		555	76.33	227.11	303.44
2452040103430	4.54		555	76.33	227.11	303.44
2452040103440	4.54		439	76.33	179.64	255.97
2452040103450	4.54		439	76.33	179.64	255.97
2452040103460	4.54		439	76.33	179.64	255.97
2452040103470	4.54		439	76.33	179.64	255.97
2452040103480	4.54		555	76.33	227.11	303.44
2452040103490	4.54		555	76.33	227.11	303.44
2452040103500	4.54		555	76.33	227.11	303.44
2452040103510	4.54		555	76.33	227.11	303.44
2452040103520	4.54		439	76.33	179.64	255.97
2452040103530	4.54		439	76.33	179.64	255.97
2452040103540	4.54		439	76.33	179.64	255.97
2452040103550	4.54		439	76.33	179.64	255.97
2452040103560	4.54		555	76.33	227.11	303.44
2452040103570	4.54		555	76.33	227.11	303.44
2452040103580	4.54		555	76.33	227.11	303.44
2452040103590	4.54		555	76.33	227.11	303.44
2452040103600	4.54		439	76.33	179.64	255.97
2452040103610	4.54		439	76.33	179.64	255.97
2452040103620	4.54		439	76.33	179.64	255.97
2452040103630	4.54		439	76.33	179.64	255.97
2452040103640	4.54		555	76.33	227.11	303.44
2452040103650	4.54		555	76.33	227.11	303.44
2452040103660	4.54		555	76.33	227.11	303.44
2452040103670	4.54		555	76.33	227.11	303.44
2452040103680	4.54		439	76.33	179.64	255.97
2452040103690	4.54		439	76.33	179.64	255.97
2452040103700	4.54		439	76.33	179.64	255.97
2452040103710	4.54		439	76.33	179.64	255.97
2452040103720	4.54		555	76.33	227.11	303.44

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040103730	4.54		555	76.33	227.11	303.44
2452040103740	4.54		555	76.33	227.11	303.44
2452040103750	4.54		555	76.33	227.11	303.44
2452040103760	4.54		439	76.33	179.64	255.97
2452040103770	4.54		439	76.33	179.64	255.97
2452040103780	4.54		439	76.33	179.64	255.97
2452040103790	4.54		439	76.33	179.64	255.97
2452040103800	4.54		555	76.33	227.11	303.44
2452040103810	4.54		555	76.33	227.11	303.44
2452040103820	4.54		555	76.33	227.11	303.44
2452040103830	4.54		555	76.33	227.11	303.44
2452040103840	4.54		439	76.33	179.64	255.97
2452040103850	4.54		439	76.33	179.64	255.97
2452040103860	4.54		439	76.33	179.64	255.97
2452040103870	4.54		439	76.33	179.64	255.97
2452040103880	4.54		555	76.33	227.11	303.44
2452040103890	4.54		555	76.33	227.11	303.44
2452040103900	4.54		555	76.33	227.11	303.44
2452040103910	4.54		555	76.33	227.11	303.44
2452040103920	4.54		439	76.33	179.64	255.97
2452040103930	4.54		439	76.33	179.64	255.97
2452040103940	4.54		439	76.33	179.64	255.97
2452040103950	4.54		439	76.33	179.64	255.97
2452040103960	4.54		555	76.33	227.11	303.44
2452040103970	4.54		555	76.33	227.11	303.44
2452040103980	4.54		555	76.33	227.11	303.44
2452040103990	4.54		555	76.33	227.11	303.44
2452040104000	4.54		439	76.33	179.64	255.97
2452040104010	4.54		439	76.33	179.64	255.97
2452040104020	4.54		439	76.33	179.64	255.97
2452040104030	4.54		439	76.33	179.64	255.97
2452040104040	4.54		555	76.33	227.11	303.44
2452040104050	4.54		555	76.33	227.11	303.44
2452040104060	4.54		555	76.33	227.11	303.44
2452040104070	4.54		555	76.33	227.11	303.44
2452040104080	4.54		439	76.33	179.64	255.97
2452040104090	4.54		439	76.33	179.64	255.97
2452040104100	4.54		439	76.33	179.64	255.97
2452040104110	4.54		439	76.33	179.64	255.97
2452040104120	4.54		555	76.33	227.11	303.44
2452040104130	4.54		555	76.33	227.11	303.44
2452040104140	4.54		555	76.33	227.11	303.44
2452040104150	4.54		555	76.33	227.11	303.44
2452040104160	4.54		439	76.33	179.64	255.97
2452040104170	4.54		439	76.33	179.64	255.97
2452040104180	4.54		439	76.33	179.64	255.97
2452040104190	4.54		439	76.33	179.64	255.97
2452040104200	4.54		555	76.33	227.11	303.44
2452040104210	4.54		555	76.33	227.11	303.44
2452040104220	4.54		555	76.33	227.11	303.44
2452040104230	4.54		555	76.33	227.11	303.44

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040104240	4.54		439	76.33	179.64	255.97
2452040104250	4.54		439	76.33	179.64	255.97
2452040104260	4.54		439	76.33	179.64	255.97
2452040104270	4.54		439	76.33	179.64	255.97
2452040104280	4.54		555	76.33	227.11	303.44
2452040104290	4.54		555	76.33	227.11	303.44
2452040104300	4.54		555	76.33	227.11	303.44
2452040104310	4.54		555	76.33	227.11	303.44
2452040104320	4.54		439	76.33	179.64	255.97
2452040104330	4.54		439	76.33	179.64	255.97
2452040104340	4.54		439	76.33	179.64	255.97
2452040104350	4.54		439	76.33	179.64	255.97
2452040104360	4.54		555	76.33	227.11	303.44
2452040104370	4.54		555	76.33	227.11	303.44
2452040104380	4.54		555	76.33	227.11	303.44
2452040104390	4.54		555	76.33	227.11	303.44
2452040104400	4.54		439	76.33	179.64	255.97
2452040104410	4.54		439	76.33	179.64	255.97
2452040104420	4.54		439	76.33	179.64	255.97
2452040104430	4.54		439	76.33	179.64	255.97
2452040104440	4.54		555	76.33	227.11	303.44
2452040104450	4.54		555	76.33	227.11	303.44
2452040104460	4.54		555	76.33	227.11	303.44
2452040104470	4.54		555	76.33	227.11	303.44
2452040104480	4.54		439	76.33	179.64	255.97
2452040104490	4.54		439	76.33	179.64	255.97
2452040104500	4.54		439	76.33	179.64	255.97
2452040104510	4.54		439	76.33	179.64	255.97
2452040104520	4.54		555	76.33	227.11	303.44
2452040104530	4.54		555	76.33	227.11	303.44
2452040104540	4.54		555	76.33	227.11	303.44
2452040104550	4.54		555	76.33	227.11	303.44
2452040104560	4.54		439	76.33	179.64	255.97
2452040104570	4.54		439	76.33	179.64	255.97
2452040104580	4.54		439	76.33	179.64	255.97
2452040104590	4.54		439	76.33	179.64	255.97
2452040104600	4.54		555	76.33	227.11	303.44
2452040104610	4.54		555	76.33	227.11	303.44
2452040104620	4.54		555	76.33	227.11	303.44
2452040104630	4.54		748	76.33	306.08	382.41
2452040104640	4.54		497	76.33	203.37	279.70
2452040104650	4.54		347	76.33	141.99	218.32
2452040104660	4.54		347	76.33	141.99	218.32
2452040104670	4.54		555	76.33	227.11	303.44
2452040104680	4.54		555	76.33	227.11	303.44
2452040104690	4.54		555	76.33	227.11	303.44
2452040104700	4.54		748	76.33	306.08	382.41
2452040104710	4.54		497	76.33	203.37	279.70
2452040104720	4.54		347	76.33	141.99	218.32
2452040104730	4.54		347	76.33	141.99	218.32
2452040104740	4.54		555	76.33	227.11	303.44

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040104750	4.54		555	76.33	227.11	303.44
2452040104760	4.54		555	76.33	227.11	303.44
2452040104770	4.54		748	76.33	306.08	382.41
2452040104780	4.54		497	76.33	203.37	279.70
2452040104790	4.54		347	76.33	141.99	218.32
2452040104800	4.54		347	76.33	141.99	218.32
2452040104810	4.54		555	76.33	227.11	303.44
2452040104820	4.54		555	76.33	227.11	303.44
2452040104830	4.54		555	76.33	227.11	303.44
2452040104840	4.54		748	76.33	306.08	382.41
2452040104850	4.54		497	76.33	203.37	279.70
2452040104860	4.54		347	76.33	141.99	218.32
2452040104870	4.54		347	76.33	141.99	218.32
2452040104880	4.54		555	76.33	227.11	303.44
2452040104890	4.54		555	76.33	227.11	303.44
2452040104900	4.54		555	76.33	227.11	303.44
2452040104910	4.54		748	76.33	306.08	382.41
2452040104920	4.54		497	76.33	203.37	279.70
2452040104930	4.54		347	76.33	141.99	218.32
2452040104940	4.54		347	76.33	141.99	218.32
2452040104950	4.54		555	76.33	227.11	303.44
2452040104960	4.54		555	76.33	227.11	303.44
2452040104970	4.54		555	76.33	227.11	303.44
2452040104980	4.54		748	76.33	306.08	382.41
2452040104990	4.54		497	76.33	203.37	279.70
2452040105000	4.54		347	76.33	141.99	218.32
2452040105010	4.54		347	76.33	141.99	218.32
2452040105020	4.54		555	76.33	227.11	303.44
2452040105030	4.54		555	76.33	227.11	303.44
2452040105040	4.54		555	76.33	227.11	303.44
2452040105050	4.54		748	76.33	306.08	382.41
2452040105060	4.54		497	76.33	203.37	279.70
2452040105070	4.54		347	76.33	141.99	218.32
2452040105080	4.54		347	76.33	141.99	218.32
2452040105090	4.54		555	76.33	227.11	303.44
2452040105100	4.54		555	76.33	227.11	303.44
2452040105110	4.54		555	76.33	227.11	303.44
2452040105120	4.54		748	76.33	306.08	382.41
2452040105130	4.54		497	76.33	203.37	279.70
2452040105140	4.54		347	76.33	141.99	218.32
2452040105150	4.54		347	76.33	141.99	218.32
2452040105160	4.54		555	76.33	227.11	303.44
2452040105170	4.54		555	76.33	227.11	303.44
2452040105180	4.54		555	76.33	227.11	303.44
2452040105190	4.54		748	76.33	306.08	382.41
2452040105200	4.54		497	76.33	203.37	279.70
2452040105210	4.54		347	76.33	141.99	218.32
2452040105220	4.54		347	76.33	141.99	218.32
2452040105230	4.54		555	76.33	227.11	303.44
2452040105240	4.54		555	76.33	227.11	303.44
2452040105250	4.54		555	76.33	227.11	303.44

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040105260	4.54	748	76.33	306.08	382.41
2452040105270	4.54	497	76.33	203.37	279.70
2452040105280	4.54	347	76.33	141.99	218.32
2452040105290	4.54	347	76.33	141.99	218.32
2452040105300	4.54	555	76.33	227.11	303.44
2452040105310	4.54	555	76.33	227.11	303.44
2452040105320	4.54	555	76.33	227.11	303.44
2452040105330	4.54	748	76.33	306.08	382.41
2452040105340	4.54	497	76.33	203.37	279.70
2452040105350	4.54	347	76.33	141.99	218.32
2452040105360	4.54	347	76.33	141.99	218.32
2452040105370	4.54	555	76.33	227.11	303.44
2452040105380	4.54	555	76.33	227.11	303.44
2452040110010	4.54	815	76.33	333.50	409.83
2452040110020	4.54	815	76.33	333.50	409.83
2452040110030	4.54	815	76.33	333.50	409.83
2452040110040	4.54	815	76.33	333.50	409.83
2452040110050	4.54	815	76.33	333.50	409.83
2452040110060	4.54	815	76.33	333.50	409.83
2452040110070	4.54	815	76.33	333.50	409.83
2452040110080	4.54	1,630	76.33	667.00	743.33
2452040110090	4.54	1,254	76.33	513.14	589.47
2452040110100	4.54	815	76.33	333.50	409.83
2452040110110	4.54	815	76.33	333.50	409.83
2452040110120	4.54	1,013	76.33	414.52	490.85
2452040110130	4.54	815	76.33	333.50	409.83
2452040110140	4.54	815	76.33	333.50	409.83
2452040110150	4.54	815	76.33	333.50	409.83
2452040110160	4.54	815	76.33	333.50	409.83
2452040110180	4.54	815	76.33	333.50	409.83
2452040110190	4.54	1,002	76.33	410.02	486.35
2452040110200	4.54	1,002	76.33	410.02	486.35
2452040110210	4.54	1,002	76.33	410.02	486.35
2452040110220	4.54	1,002	76.33	410.02	486.35
2452040110230	4.54	1,066	76.33	436.21	512.54
2452040110240	4.54	1,002	76.33	410.02	486.35
2452040110250	4.54	1,002	76.33	410.02	486.35
2452040110260	4.54	1,002	76.33	410.02	486.35
2452040110270	4.54	1,473	76.33	602.75	679.08
2452040110280	4.54	1,002	76.33	410.02	486.35
2452040110290	4.54	1,002	76.33	410.02	486.35
2452040110300	4.54	1,002	76.33	410.02	486.35
2452040110310	4.54	1,002	76.33	410.02	486.35
2452040110320	4.54	1,002	76.33	410.02	486.35
2452040110330	4.54	1,002	76.33	410.02	486.35
2452040110340	4.54	1,002	76.33	410.02	486.35
2452040110350	4.54	1,002	76.33	410.02	486.35
2452040110360	4.54	1,002	76.33	410.02	486.35
2452040110370	4.54	939	76.33	384.24	460.57
2452040110380	4.54	939	76.33	384.24	460.57
2452040110390	4.54	939	76.33	384.24	460.57

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040110400	4.54		939	76.33	384.24	460.57
2452040110410	4.54		939	76.33	384.24	460.57
2452040110420	4.54		939	76.33	384.24	460.57
2452040110430	4.54		939	76.33	384.24	460.57
2452040110440	4.54		939	76.33	384.24	460.57
2452040110450	4.54		939	76.33	384.24	460.57
2452040110460	4.54		939	76.33	384.24	460.57
2452040110470	4.54		939	76.33	384.24	460.57
2452040110480	4.54		939	76.33	384.24	460.57
2452040110490	4.54		939	76.33	384.24	460.57
2452040110500	4.54		939	76.33	384.24	460.57
2452040110510	4.54		939	76.33	384.24	460.57
2452040110520	4.54		939	76.33	384.24	460.57
2452040110530	4.54		939	76.33	384.24	460.57
2452040110540	4.54		939	76.33	384.24	460.57
2452040110550	4.54		750	76.33	306.90	383.23
2452040110560	4.54		750	76.33	306.90	383.23
2452040110570	4.54		750	76.33	306.90	383.23
2452040110580	4.54		750	76.33	306.90	383.23
2452040110590	4.54		750	76.33	306.90	383.23
2452040110600	4.54		750	76.33	306.90	383.23
2452040110610	4.54		750	76.33	306.90	383.23
2452040110620	4.54		750	76.33	306.90	383.23
2452040110630	4.54		750	76.33	306.90	383.23
2452040110640	4.54		750	76.33	306.90	383.23
2452040110650	4.54		750	76.33	306.90	383.23
2452040110660	4.54		750	76.33	306.90	383.23
2452040110670	4.54		750	76.33	306.90	383.23
2452040110680	4.54		750	76.33	306.90	383.23
2452040110690	4.54		750	76.33	306.90	383.23
2452040110700	4.54		750	76.33	306.90	383.23
2452040110710	4.54		750	76.33	306.90	383.23
2452040110720	4.54		750	76.33	306.90	383.23
2452040110730	4.54		906	76.33	370.74	447.07
2452040110740	4.54		906	76.33	370.74	447.07
2452040110750	4.54		906	76.33	370.74	447.07
2452040110760	4.54		906	76.33	370.74	447.07
2452040110770	4.54		906	76.33	370.74	447.07
2452040110780	4.54		906	76.33	370.74	447.07
2452040110790	4.54		906	76.33	370.74	447.07
2452040110800	4.54		906	76.33	370.74	447.07
2452040110810	4.54		906	76.33	370.74	447.07
2452040110820	4.54		906	76.33	370.74	447.07
2452040110830	4.54		906	76.33	370.74	447.07
2452040110840	4.54		906	76.33	370.74	447.07
2452040110850	4.54		906	76.33	370.74	447.07
2452040110860	4.54		906	76.33	370.74	447.07
2452040110870	4.54		906	76.33	370.74	447.07
2452040110880	4.54		906	76.33	370.74	447.07
2452040110890	4.54		906	76.33	370.74	447.07
2452040110900	4.54		906	76.33	370.74	447.07

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040110910	4.54	663	76.33	271.30	347.63
2452040110920	4.54	663	76.33	271.30	347.63
2452040110930	4.54	663	76.33	271.30	347.63
2452040110940	4.54	663	76.33	271.30	347.63
2452040110950	4.54	750	76.33	306.90	383.23
2452040110960	4.54	663	76.33	271.30	347.63
2452040110970	4.54	663	76.33	271.30	347.63
2452040110980	4.54	663	76.33	271.30	347.63
2452040111000	4.54	663	76.33	271.30	347.63
2452040111010	4.54	663	76.33	271.30	347.63
2452040111020	4.54	663	76.33	271.30	347.63
2452040111030	4.54	663	76.33	271.30	347.63
2452040111040	4.54	663	76.33	271.30	347.63
2452040111050	4.54	663	76.33	271.30	347.63
2452040111060	4.54	663	76.33	271.30	347.63
2452040111070	4.54	663	76.33	271.30	347.63
2452040111080	4.54	663	76.33	271.30	347.63
2452040111090	4.54	663	76.33	271.30	347.63
2452040111100	4.54	663	76.33	271.30	347.63
2452040111110	4.54	663	76.33	271.30	347.63
2452040111120	4.54	663	76.33	271.30	347.63
2452040111130	4.54	663	76.33	271.30	347.63
2452040111140	4.54	663	76.33	271.30	347.63
2452040111150	4.54	663	76.33	271.30	347.63
2452040111160	4.54	663	76.33	271.30	347.63
2452040111170	4.54	1,326	76.33	542.60	618.93
2452040111180	4.54	663	76.33	271.30	347.63
2452040111190	4.54	663	76.33	271.30	347.63
2452040111200	4.54	663	76.33	271.30	347.63
2452040111210	4.54	663	76.33	271.30	347.63
2452040111220	4.54	663	76.33	271.30	347.63
2452040111230	4.54	663	76.33	271.30	347.63
2452040111240	4.54	663	76.33	271.30	347.63
2452040111250	4.54	663	76.33	271.30	347.63
2452040111260	4.54	663	76.33	271.30	347.63
2452040111270	4.54	57	76.33	23.32	99.65
2452040111280	4.54	44	76.33	18.00	94.33
2452040111290	4.54	44	76.33	18.00	94.33
2452040111300	4.54	57	76.33	23.32	99.65
2452040111310	4.54	381	76.33	155.91	232.24
2452040111320	4.54	218	76.33	89.21	165.54
2452040111330	4.54	202	76.33	82.66	158.99
2452040120010	4.54	2,378	76.33	973.08	1,049.41
2452040120020	4.54	2,378	76.33	973.08	1,049.41
2452040120030	4.54	2,378	76.33	973.08	1,049.41
2452040120040	4.54	2,378	76.33	973.08	1,049.41
2452040120050	4.54	2,378	76.33	973.08	1,049.41
2452040120070	4.54	2,378	76.33	973.08	1,049.41
2452040120080	4.54	2,378	76.33	973.08	1,049.41
2452040120090	4.54	2,378	76.33	973.08	1,049.41
2452040120100	4.54	2,378	76.33	973.08	1,049.41

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040120110	4.54	2,378	76.33	973.08	1,049.41
2452040120120	4.54	2,378	76.33	973.08	1,049.41
2452040120130	4.54	2,378	76.33	973.08	1,049.41
2452040120140	4.54	2,378	76.33	973.08	1,049.41
2452040120150	4.54	2,378	76.33	973.08	1,049.41
2452040120160	4.54	2,378	76.33	973.08	1,049.41
2452040120170	4.54	2,378	76.33	973.08	1,049.41
2452040120180	4.54	2,378	76.33	973.08	1,049.41
2452040120190	4.54	2,378	76.33	973.08	1,049.41
2452040120200	4.54	2,378	76.33	973.08	1,049.41
2452040120210	4.54	2,378	76.33	973.08	1,049.41
2452040120220	4.54	2,378	76.33	973.08	1,049.41
2452040120230	4.54	2,378	76.33	973.08	1,049.41
2452040120240	4.54	2,378	76.33	973.08	1,049.41
2452040120250	4.54	2,378	76.33	973.08	1,049.41
2452040120260	4.54	2,378	76.33	973.08	1,049.41
2452040120270	4.54	2,378	76.33	973.08	1,049.41
2452040120280	4.54	2,378	76.33	973.08	1,049.41
2452040120290	4.54	2,378	76.33	973.08	1,049.41
2452040120300	4.54	2,378	76.33	973.08	1,049.41
2452040120310	4.54	2,378	76.33	973.08	1,049.41
2452040120320	4.54	2,378	76.33	973.08	1,049.41
2452040120330	4.54	2,378	76.33	973.08	1,049.41
2452040120340	4.54	2,378	76.33	973.08	1,049.41
2452040120350	4.54	2,378	76.33	973.08	1,049.41
2452040120360	4.54	2,378	76.33	973.08	1,049.41
2452040120370	4.54	2,378	76.33	973.08	1,049.41
2452040120380	4.54	2,378	76.33	973.08	1,049.41
2452040120390	4.54	2,378	76.33	973.08	1,049.41
2452040120400	4.54	2,378	76.33	973.08	1,049.41
2452040120410	4.54	2,378	76.33	973.08	1,049.41
2452040120420	4.54	2,378	76.33	973.08	1,049.41
2452040120430	4.54	2,378	76.33	973.08	1,049.41
2452040120440	4.54	2,378	76.33	973.08	1,049.41
2452040120450	4.54	2,378	76.33	973.08	1,049.41
2452040120460	4.54	2,378	76.33	973.08	1,049.41
2452040120470	4.54	2,378	76.33	973.08	1,049.41
2452040120480	4.54	2,378	76.33	973.08	1,049.41
2452040120490	4.54	2,378	76.33	973.08	1,049.41
2452040120500	4.54	2,378	76.33	973.08	1,049.41
2452040120510	4.54	2,378	76.33	973.08	1,049.41
2452040120520	4.54	2,378	76.33	973.08	1,049.41
2452040120530	4.54	2,378	76.33	973.08	1,049.41
2452040120540	4.54	2,378	76.33	973.08	1,049.41
2452040120550	4.54	2,378	76.33	973.08	1,049.41
2452040120560	4.54	2,378	76.33	973.08	1,049.41
2452040120570	4.54	2,378	76.33	973.08	1,049.41
2452040120580	4.54	2,378	76.33	973.08	1,049.41
2452040120590	4.54	2,378	76.33	973.08	1,049.41
2452040120600	4.54	2,378	76.33	973.08	1,049.41
2452040120610	4.54	2,378	76.33	973.08	1,049.41

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040120620	4.54		2,378	76.33	973.08	1,049.41
2452040120630	4.54		2,378	76.33	973.08	1,049.41
2452040120640	4.54		2,378	76.33	973.08	1,049.41
2452040120650	4.54		2,378	76.33	973.08	1,049.41
2452040120660	4.54		2,378	76.33	973.08	1,049.41
2452040120670	4.54		2,378	76.33	973.08	1,049.41
2452040120680	4.54		2,378	76.33	973.08	1,049.41
2452040120690	4.54		2,378	76.33	973.08	1,049.41
2452040120700	4.54		2,378	76.33	973.08	1,049.41
2452040120710	4.54		2,378	76.33	973.08	1,049.41
2452040130010	4.54		1,717	76.33	702.60	778.93
2452040130020	4.54		1,355	76.33	554.47	630.80
2452040130030	4.54		1,355	76.33	554.47	630.80
2452040130040	4.54		1,355	76.33	554.47	630.80
2452040130050	4.54		1,355	76.33	554.47	630.80
2452040130060	4.54		1,355	76.33	554.47	630.80
2452040130070	4.54		1,355	76.33	554.47	630.80
2452040130080	4.54		1,355	76.33	554.47	630.80
2452040130090	4.54		1,355	76.33	554.47	630.80
2452040130100	4.54		1,355	76.33	554.47	630.80
2452040130110	4.54		1,355	76.33	554.47	630.80
2452040130120	4.54		1,717	76.33	702.60	778.93
2452040140010	4.54		1,560	76.33	638.35	714.68
2452040140020	4.54		2,609	76.33	1,067.60	1,143.93
2452040140030	4.54		1,560	76.33	638.35	714.68
2452040140040	4.54		2,098	76.33	858.50	934.83
2452040140050	4.54		1,560	76.33	638.35	714.68
2452040140060	4.54		2,609	76.33	1,067.60	1,143.93
2452040140070	4.54		1,560	76.33	638.35	714.68
2452040140080	4.54		2,098	76.33	858.50	934.83
2452040140090	4.54		1,560	76.33	638.35	714.68
2452040140100	4.54		2,609	76.33	1,067.60	1,143.93
2452040140110	4.54		1,560	76.33	638.35	714.68
2452040140120	4.54		2,098	76.33	858.50	934.83
2452040140130	4.54		1,560	76.33	638.35	714.68
2452040140140	4.54		2,609	76.33	1,067.60	1,143.93
2452040140150	4.54		1,560	76.33	638.35	714.68
2452040140160	4.54		2,098	76.33	858.50	934.83
2452040140170	4.54		1,560	76.33	638.35	714.68
2452040140180	4.54		2,609	76.33	1,067.60	1,143.93
2452040140190	4.54		1,560	76.33	638.35	714.68
2452040140200	4.54		2,098	76.33	858.50	934.83
2452040140210	4.54		1,560	76.33	638.35	714.68
2452040140220	4.54		2,609	76.33	1,067.60	1,143.93
2452040140230	4.54		1,560	76.33	638.35	714.68
2452040140240	4.54		2,098	76.33	858.50	934.83
2452040140250	4.54		1,560	76.33	638.35	714.68
2452040140260	4.54		2,609	76.33	1,067.60	1,143.93
2452040140270	4.54		1,560	76.33	638.35	714.68
2452040140280	4.54		2,098	76.33	858.50	934.83
2452040140290	4.54		1,560	76.33	638.35	714.68

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040140300	4.54	2,609	76.33	1,067.60	1,143.93
2452040140320	4.54	2,609	76.33	1,067.60	1,143.93
2452040140330	4.54	1,560	76.33	638.35	714.68
2452040140340	4.54	2,098	76.33	858.50	934.83
2452040140350	4.54	1,560	76.33	638.35	714.68
2452040140360	4.54	2,609	76.33	1,067.60	1,143.93
2452040140370	4.54	1,560	76.33	638.35	714.68
2452040140380	4.54	2,098	76.33	858.50	934.83
2452040140390	4.54	1,560	76.33	638.35	714.68
2452040140400	4.54	2,609	76.33	1,067.60	1,143.93
2452040140410	4.54	1,560	76.33	638.35	714.68
2452040140420	4.54	2,098	76.33	858.50	934.83
2452040140430	4.54	1,560	76.33	638.35	714.68
2452040140440	4.54	2,609	76.33	1,067.60	1,143.93
2452040140450	4.54	1,560	76.33	638.35	714.68
2452040140460	4.54	2,098	76.33	858.50	934.83
2452040140470	4.54	1,560	76.33	638.35	714.68
2452040140480	4.54	2,609	76.33	1,067.60	1,143.93
2452040140490	4.54	1,560	76.33	638.35	714.68
2452040140500	4.54	2,098	76.33	858.50	934.83
2452040140510	4.54	1,560	76.33	638.35	714.68
2452040140520	4.54	2,609	76.33	1,067.60	1,143.93
2452040140530	4.54	1,560	76.33	638.35	714.68
2452040140540	4.54	2,098	76.33	858.50	934.83
2452040140550	4.54	1,560	76.33	638.35	714.68
2452040140560	4.54	2,609	76.33	1,067.60	1,143.93
2452040140570	4.54	1,560	76.33	638.35	714.68
2452040140580	4.54	2,098	76.33	858.50	934.83
2452040140590	4.54	1,560	76.33	638.35	714.68
2452040140600	4.54	2,609	76.33	1,067.60	1,143.93
2452040150010	29.80	2,200	501.02	900.23	1,401.25
2452040150020	30.95	2,285	520.35	934.97	1,455.32
2452040150030	33.00	2,436	554.82	996.90	1,551.72
2452040150040	27.25	2,012	458.14	823.19	1,281.33
2452040150050	28.30	2,089	475.80	854.91	1,330.71
2452040150060	30.88	2,279	519.09	932.70	1,451.79
2452040150070	13.25	978	222.77	400.27	623.04
2452040150080	17.48	1,290	293.80	527.90	821.70
2452040150090	18.45	1,362	310.19	557.36	867.55
2452040150100	16.70	1,233	280.77	504.49	785.26
2452040150110	16.13	1,190	271.10	487.12	758.22
2452040150120	16.13	1,190	271.10	487.12	758.22
2452040150130	11.30	834	189.98	341.36	531.34
2452040150140	23.05	1,702	387.53	696.32	1,083.85
2452040150150	19.00	1,403	319.44	573.97	893.41
2452040150160	34.53	2,549	580.46	1,042.97	1,623.43
2452040150170	16.15	1,192	271.52	487.88	759.40
2452040150180	13.25	978	222.77	400.27	623.04
2452040150190	26.38	1,947	443.43	796.76	1,240.19
2452040150200	16.43	1,213	276.15	496.18	772.33
2452040150210	14.88	1,098	250.09	449.36	699.45

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040150220	21.38	1,578	359.37	645.72	1,005.09
2452040150230	20.00	1,476	336.25	604.18	940.43
2452040150240	52.03	3,841	874.68	1,571.62	2,446.30
2452040150250	23.00	1,698	386.69	694.81	1,081.50
2452040150260	23.00	1,698	386.69	694.81	1,081.50
2452040150270	18.33	1,353	308.09	553.58	861.67
2452040150280	24.33	1,796	408.97	734.83	1,143.80
2452040150290	16.80	1,240	282.45	507.51	789.96
2452040150300	20.55	1,517	345.50	620.79	966.29
2452040150310	17.13	1,264	287.92	517.33	805.25
2452040150320	11.28	832	189.56	340.61	530.17
2452040150330	12.55	926	211.00	379.12	590.12
2452040150340	13.10	967	220.25	395.74	615.99
2452040150350	14.30	1,056	240.42	431.99	672.41
2452040150360	14.90	1,100	250.51	450.11	700.62
2452040150370	17.28	1,275	290.44	521.86	812.30
2452040150380	16.93	1,249	284.55	511.29	795.84
2452040150390	19.55	1,443	328.69	590.59	919.28
2452040160010	4.54	758	76.33	310.17	386.50
2452040160020	4.54	758	76.33	310.17	386.50
2452040160030	4.54	758	76.33	310.17	386.50
2452040160040	4.54	758	76.33	310.17	386.50
2452040160050	4.54	758	76.33	310.17	386.50
2452040160060	4.54	758	76.33	310.17	386.50
2452040160070	4.54	758	76.33	310.17	386.50
2452040160080	4.54	758	76.33	310.17	386.50
2452040160090	4.54	758	76.33	310.17	386.50
2452040160100	4.54	612	76.33	250.43	326.76
2452040160110	4.54	612	76.33	250.43	326.76
2452040160120	4.54	612	76.33	250.43	326.76
2452040160130	4.54	612	76.33	250.43	326.76
2452040160140	4.54	612	76.33	250.43	326.76
2452040160150	4.54	612	76.33	250.43	326.76
2452040160160	4.54	612	76.33	250.43	326.76
2452040160170	4.54	612	76.33	250.43	326.76
2452040160180	4.54	612	76.33	250.43	326.76
2452040160190	4.54	846	76.33	346.18	422.51
2452040160200	4.54	846	76.33	346.18	422.51
2452040160210	4.54	846	76.33	346.18	422.51
2452040160220	4.54	846	76.33	346.18	422.51
2452040160230	4.54	846	76.33	346.18	422.51
2452040160240	4.54	846	76.33	346.18	422.51
2452040160250	4.54	846	76.33	346.18	422.51
2452040160260	4.54	846	76.33	346.18	422.51
2452040160270	4.54	846	76.33	346.18	422.51
2452040160280	4.54	723	76.33	295.85	372.18
2452040160300	4.54	723	76.33	295.85	372.18
2452040160310	4.54	723	76.33	295.85	372.18
2452040160320	4.54	723	76.33	295.85	372.18
2452040160330	4.54	723	76.33	295.85	372.18
2452040160340	4.54	723	76.33	295.85	372.18

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040160350	4.54	594	76.33	243.06	319.39
2452040160360	4.54	1,317	76.33	538.92	615.25
2452040160370	4.54	594	76.33	243.06	319.39
2452040160380	4.54	594	76.33	243.06	319.39
2452040160390	4.54	594	76.33	243.06	319.39
2452040160400	4.54	594	76.33	243.06	319.39
2452040160410	4.54	594	76.33	243.06	319.39
2452040170010	4.54	1,052	76.33	430.48	506.81
2452040170020	4.54	1,052	76.33	430.48	506.81
2452040170030	4.54	1,052	76.33	430.48	506.81
2452040170040	4.54	1,052	76.33	430.48	506.81
2452040170050	4.54	1,287	76.33	526.64	602.97
2452040170060	4.54	1,132	76.33	463.21	539.54
2452040170070	4.54	1,132	76.33	463.21	539.54
2452040170080	4.54	1,132	76.33	463.21	539.54
2452040170090	4.54	897	76.33	367.05	443.38
2452040170100	4.54	897	76.33	367.05	443.38
2452040170110	4.54	897	76.33	367.05	443.38
2452040170120	4.54	897	76.33	367.05	443.38
2452040170130	4.54	897	76.33	367.05	443.38
2452040170140	4.54	897	76.33	367.05	443.38
2452040170150	4.54	897	76.33	367.05	443.38
2452040170160	4.54	897	76.33	367.05	443.38
2452040170170	4.54	897	76.33	367.05	443.38
2452040170180	4.54	897	76.33	367.05	443.38
2452040170190	4.54	811	76.33	331.86	408.19
2452040170200	4.54	811	76.33	331.86	408.19
2452040170210	4.54	811	76.33	331.86	408.19
2452040170220	4.54	811	76.33	331.86	408.19
2452040170230	4.54	811	76.33	331.86	408.19
2452040170240	4.54	811	76.33	331.86	408.19
2452040170250	4.54	811	76.33	331.86	408.19
2452040170260	4.54	811	76.33	331.86	408.19
2452040170270	4.54	811	76.33	331.86	408.19
2452040170280	4.54	811	76.33	331.86	408.19
2452040170290	4.54	897	76.33	367.05	443.38
2452040170300	4.54	897	76.33	367.05	443.38
2452040170310	4.54	897	76.33	367.05	443.38
2452040170320	4.54	897	76.33	367.05	443.38
2452040170330	4.54	897	76.33	367.05	443.38
2452040170340	4.54	897	76.33	367.05	443.38
2452040170350	4.54	897	76.33	367.05	443.38
2452040170360	4.54	897	76.33	367.05	443.38
2452040170370	4.54	897	76.33	367.05	443.38
2452040170380	4.54	897	76.33	367.05	443.38
2452040170390	4.54	1,132	76.33	463.21	539.54
2452040170400	4.54	1,132	76.33	463.21	539.54
2452040170410	4.54	1,132	76.33	463.21	539.54
2452040170420	4.54	1,132	76.33	463.21	539.54
2452040170430	4.54	1,052	76.33	430.48	506.81
2452040170440	4.54	1,052	76.33	430.48	506.81

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452040170450	4.54	1,052	76.33	430.48	506.81
2452040170460	4.54	1,052	76.33	430.48	506.81
2452050010010	371.35	15,447	6,243.36	6,320.91	12,564.27
2452050010080	645.98	62,081	10,860.52	25,403.55	36,264.07
2452050010100	4.54	17,578	76.33	7,192.92	7,269.25
2452050010101	354.35	12,092	5,957.54	4,948.05	10,905.59
2452050010170	9.43	5,707	158.54	2,335.30	2,493.84
2452050011000	9.43	7,782	158.54	3,184.39	3,342.93
2452050020260	9.43	3,731	158.54	1,526.73	1,685.27
2452050030050	9.43	3,656	158.54	1,496.04	1,654.58
2452050100460	9.43	10,853	158.54	4,441.05	4,599.59
2452050100760	9.43	4,548	158.54	1,861.04	2,019.58
2452050130040	9.43	12,833	158.54	5,251.26	5,409.80
2452050140090	558.98	25,494	9,397.82	10,432.14	19,829.96
2452050160010	4.54	1,268	76.33	518.87	595.20
2452050160020	4.54	1,238	76.33	506.59	582.92
2452050160030	4.54	1,238	76.33	506.59	582.92
2452050160040	4.54	1,268	76.33	518.87	595.20
2452050160050	4.54	1,268	76.33	518.87	595.20
2452050160060	4.54	1,238	76.33	506.59	582.92
2452050160070	4.54	1,238	76.33	506.59	582.92
2452050160080	4.54	1,268	76.33	518.87	595.20
2452050160090	4.54	1,220	76.33	499.22	575.55
2452050160100	4.54	1,246	76.33	509.86	586.19
2452050160110	4.54	1,268	76.33	518.87	595.20
2452050160120	4.54	1,238	76.33	506.59	582.92
2452050160130	4.54	1,238	76.33	506.59	582.92
2452050160140	4.54	1,268	76.33	518.87	595.20
2452050160150	4.54	1,268	76.33	518.87	595.20
2452050160160	4.54	1,238	76.33	506.59	582.92
2452050160170	4.54	1,238	76.33	506.59	582.92
2452050160180	4.54	1,268	76.33	518.87	595.20
2452050160190	4.54	1,220	76.33	499.22	575.55
2452050180010	4.54	1,836	76.33	751.29	827.62
2452050180020	4.54	1,836	76.33	751.29	827.62
2452050180030	4.54	1,836	76.33	751.29	827.62
2452050180040	4.54	1,836	76.33	751.29	827.62
2452050180050	4.54	1,836	76.33	751.29	827.62
2452050180060	4.54	1,836	76.33	751.29	827.62
2452050180070	4.54	1,836	76.33	751.29	827.62
2452050180080	4.54	1,836	76.33	751.29	827.62
2452050180090	4.54	1,836	76.33	751.29	827.62
2452050180100	4.54	1,836	76.33	751.29	827.62
2452050180110	4.54	1,836	76.33	751.29	827.62
2452050180120	4.54	1,836	76.33	751.29	827.62
2452050190080	1,155.23	55,233	19,422.34	22,601.34	42,023.68
2452050210010	4.54	1,084	76.33	443.57	519.90
2452050210020	4.54	1,438	76.33	588.43	664.76
2452050210030	4.54	1,104	76.33	451.76	528.09
2452050210040	4.54	1,160	76.33	474.67	551.00
2452050210050	4.54	1,084	76.33	443.57	519.90

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050210060	4.54	1,084	76.33	443.57	519.90
2452050210070	4.54	1,028	76.33	420.66	496.99
2452050210080	4.54	880	76.33	360.10	436.43
2452050210090	4.54	897	76.33	367.05	443.38
2452050210100	4.54	1,641	76.33	671.50	747.83
2452050220010	4.54	1,093	76.33	447.26	523.59
2452050220020	4.54	747	76.33	305.67	382.00
2452050220030	4.54	747	76.33	305.67	382.00
2452050220040	4.54	830	76.33	339.64	415.97
2452050220050	4.54	1,093	76.33	447.26	523.59
2452050220060	4.54	830	76.33	339.64	415.97
2452050220070	4.54	747	76.33	305.67	382.00
2452050220080	4.54	747	76.33	305.67	382.00
2452050220090	4.54	1,093	76.33	447.26	523.59
2452050220100	4.54	1,093	76.33	447.26	523.59
2452050220110	4.54	747	76.33	305.67	382.00
2452050220120	4.54	747	76.33	305.67	382.00
2452050220130	4.54	830	76.33	339.64	415.97
2452050220140	4.54	1,093	76.33	447.26	523.59
2452050220150	4.54	1,093	76.33	447.26	523.59
2452050220160	4.54	830	76.33	339.64	415.97
2452050220170	4.54	747	76.33	305.67	382.00
2452050220180	4.54	747	76.33	305.67	382.00
2452050220190	4.54	1,093	76.33	447.26	523.59
2452050220200	4.54	1,093	76.33	447.26	523.59
2452050220210	4.54	747	76.33	305.67	382.00
2452050220220	4.54	747	76.33	305.67	382.00
2452050220230	4.54	830	76.33	339.64	415.97
2452050220240	4.54	1,093	76.33	447.26	523.59
2452050220260	4.54	830	76.33	339.64	415.97
2452050220270	4.54	747	76.33	305.67	382.00
2452050220280	4.54	747	76.33	305.67	382.00
2452050220290	4.54	1,093	76.33	447.26	523.59
2452050230010	4.54	1,668	76.33	682.55	758.88
2452050230020	4.54	1,668	76.33	682.55	758.88
2452050230030	4.54	988	76.33	404.29	480.62
2452050230040	4.54	988	76.33	404.29	480.62
2452050230050	4.54	1,668	76.33	682.55	758.88
2452050230060	4.54	1,668	76.33	682.55	758.88
2452050230070	4.54	1,668	76.33	682.55	758.88
2452050230080	4.54	1,668	76.33	682.55	758.88
2452050230090	4.54	1,975	76.33	808.17	884.50
2452050230100	4.54	1,975	76.33	808.17	884.50
2452050230110	4.54	1,975	76.33	808.17	884.50
2452050230120	4.54	1,975	76.33	808.17	884.50
2452050230130	4.54	1,668	76.33	682.55	758.88
2452050230140	4.54	1,668	76.33	682.55	758.88
2452050240170	9.43	6,823	158.54	2,791.97	2,950.51
2452050240440	9.43	11,829	158.54	4,840.43	4,998.97
2452050260010	4.54	853	76.33	349.05	425.38
2452050260020	4.54	853	76.33	349.05	425.38

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050260030	4.54	853	76.33	349.05	425.38
2452050260040	4.54	853	76.33	349.05	425.38
2452050260050	4.54	1,294	76.33	529.50	605.83
2452050260060	4.54	1,294	76.33	529.50	605.83
2452050260070	4.54	668	76.33	273.35	349.68
2452050260080	4.54	1,294	76.33	529.50	605.83
2452050260090	4.54	1,294	76.33	529.50	605.83
2452050260100	4.54	1,294	76.33	529.50	605.83
2452050260110	4.54	853	76.33	349.05	425.38
2452050260120	4.54	853	76.33	349.05	425.38
2452050260130	4.54	853	76.33	349.05	425.38
2452050260140	4.54	853	76.33	349.05	425.38
2452050260150	4.54	853	76.33	349.05	425.38
2452050260160	4.54	853	76.33	349.05	425.38
2452050260170	4.54	853	76.33	349.05	425.38
2452050260180	4.54	853	76.33	349.05	425.38
2452050260190	4.54	1,294	76.33	529.50	605.83
2452050260200	4.54	1,294	76.33	529.50	605.83
2452050260210	4.54	1,294	76.33	529.50	605.83
2452050260220	4.54	1,294	76.33	529.50	605.83
2452050260230	4.54	1,294	76.33	529.50	605.83
2452050260240	4.54	1,294	76.33	529.50	605.83
2452050260250	4.54	853	76.33	349.05	425.38
2452050260260	4.54	853	76.33	349.05	425.38
2452050260270	4.54	853	76.33	349.05	425.38
2452050260280	4.54	853	76.33	349.05	425.38
2452050260290	4.54	853	76.33	349.05	425.38
2452050260300	4.54	853	76.33	349.05	425.38
2452050260310	4.54	853	76.33	349.05	425.38
2452050260320	4.54	853	76.33	349.05	425.38
2452050260330	4.54	1,294	76.33	529.50	605.83
2452050260340	4.54	1,294	76.33	529.50	605.83
2452050260350	4.54	1,294	76.33	529.50	605.83
2452050260360	4.54	1,294	76.33	529.50	605.83
2452050260370	4.54	1,294	76.33	529.50	605.83
2452050260380	4.54	1,294	76.33	529.50	605.83
2452050260390	4.54	853	76.33	349.05	425.38
2452050260400	4.54	853	76.33	349.05	425.38
2452050260410	4.54	853	76.33	349.05	425.38
2452050260420	4.54	853	76.33	349.05	425.38
2452050270010	4.54	374	76.33	153.04	229.37
2452050270020	4.54	926	76.33	378.92	455.25
2452050270030	4.54	926	76.33	378.92	455.25
2452050270040	4.54	825	76.33	337.59	413.92
2452050270050	4.54	825	76.33	337.59	413.92
2452050270060	4.54	573	76.33	234.47	310.80
2452050270070	4.54	926	76.33	378.92	455.25
2452050270080	4.54	926	76.33	378.92	455.25
2452050270090	4.54	825	76.33	337.59	413.92
2452050270100	4.54	825	76.33	337.59	413.92
2452050270110	4.54	589	76.33	241.02	317.35

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050270120	4.54	926	76.33	378.92	455.25
2452050270130	4.54	926	76.33	378.92	455.25
2452050270140	4.54	825	76.33	337.59	413.92
2452050270150	4.54	825	76.33	337.59	413.92
2452050270160	4.54	589	76.33	241.02	317.35
2452050270170	4.54	926	76.33	378.92	455.25
2452050270180	4.54	926	76.33	378.92	455.25
2452050270190	4.54	825	76.33	337.59	413.92
2452050270200	4.54	825	76.33	337.59	413.92
2452050270210	4.54	589	76.33	241.02	317.35
2452050280010	4.54	605	76.33	247.57	323.90
2452050280030	4.54	578	76.33	236.52	312.85
2452050280040	4.54	1,183	76.33	484.08	560.41
2452050280050	4.54	605	76.33	247.57	323.90
2452050280060	4.54	605	76.33	247.57	323.90
2452050280070	4.54	605	76.33	247.57	323.90
2452050280080	4.54	578	76.33	236.52	312.85
2452050280090	4.54	605	76.33	247.57	323.90
2452050280100	4.54	605	76.33	247.57	323.90
2452050280110	4.54	578	76.33	236.52	312.85
2452050280120	4.54	578	76.33	236.52	312.85
2452050280130	4.54	605	76.33	247.57	323.90
2452050280140	4.54	605	76.33	247.57	323.90
2452050280150	4.54	578	76.33	236.52	312.85
2452050280160	4.54	578	76.33	236.52	312.85
2452050280170	4.54	605	76.33	247.57	323.90
2452050280180	4.54	605	76.33	247.57	323.90
2452050280190	4.54	578	76.33	236.52	312.85
2452050280200	4.54	578	76.33	236.52	312.85
2452050280210	4.54	605	76.33	247.57	323.90
2452050280220	4.54	605	76.33	247.57	323.90
2452050280230	4.54	578	76.33	236.52	312.85
2452050280240	4.54	578	76.33	236.52	312.85
2452050280250	4.54	605	76.33	247.57	323.90
2452050280260	4.54	605	76.33	247.57	323.90
2452050280270	4.54	578	76.33	236.52	312.85
2452050280280	4.54	578	76.33	236.52	312.85
2452050290010	4.54	791	76.33	323.68	400.01
2452050290020	4.54	739	76.33	302.40	378.73
2452050290030	4.54	827	76.33	338.41	414.74
2452050290040	4.54	791	76.33	323.68	400.01
2452050290050	4.54	739	76.33	302.40	378.73
2452050290060	4.54	827	76.33	338.41	414.74
2452050290070	4.54	791	76.33	323.68	400.01
2452050290080	4.54	739	76.33	302.40	378.73
2452050290090	4.54	827	76.33	338.41	414.74
2452050290100	4.54	791	76.33	323.68	400.01
2452050290110	4.54	739	76.33	302.40	378.73
2452050290120	4.54	827	76.33	338.41	414.74
2452050290130	4.54	791	76.33	323.68	400.01
2452050290140	4.54	739	76.33	302.40	378.73

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050290150	4.54	827	76.33	338.41	414.74
2452050290160	4.54	791	76.33	323.68	400.01
2452050290170	4.54	739	76.33	302.40	378.73
2452050290180	4.54	827	76.33	338.41	414.74
2452050290190	4.54	791	76.33	323.68	400.01
2452050290200	4.54	739	76.33	302.40	378.73
2452050290210	4.54	827	76.33	338.41	414.74
2452050300010	4.54	947	76.33	387.51	463.84
2452050300020	4.54	747	76.33	305.67	382.00
2452050300030	4.54	747	76.33	305.67	382.00
2452050300040	4.54	947	76.33	387.51	463.84
2452050300050	4.54	1,070	76.33	437.84	514.17
2452050300060	4.54	1,070	76.33	437.84	514.17
2452050300070	4.54	671	76.33	274.57	350.90
2452050300080	4.54	706	76.33	288.90	365.23
2452050300090	4.54	1,070	76.33	437.84	514.17
2452050300100	4.54	947	76.33	387.51	463.84
2452050300110	4.54	747	76.33	305.67	382.00
2452050300120	4.54	747	76.33	305.67	382.00
2452050300130	4.54	947	76.33	387.51	463.84
2452050300140	4.54	947	76.33	387.51	463.84
2452050300150	4.54	747	76.33	305.67	382.00
2452050300160	4.54	747	76.33	305.67	382.00
2452050300170	4.54	947	76.33	387.51	463.84
2452050300180	4.54	1,070	76.33	437.84	514.17
2452050300190	4.54	1,070	76.33	437.84	514.17
2452050300200	4.54	1,095	76.33	448.07	524.40
2452050300210	4.54	706	76.33	288.90	365.23
2452050300220	4.54	1,070	76.33	437.84	514.17
2452050300230	4.54	947	76.33	387.51	463.84
2452050300240	4.54	747	76.33	305.67	382.00
2452050300250	4.54	747	76.33	305.67	382.00
2452050300260	4.54	947	76.33	387.51	463.84
2452050300270	4.54	947	76.33	387.51	463.84
2452050300280	4.54	747	76.33	305.67	382.00
2452050300290	4.54	747	76.33	305.67	382.00
2452050300300	4.54	947	76.33	387.51	463.84
2452050300310	4.54	1,070	76.33	437.84	514.17
2452050300320	4.54	1,070	76.33	437.84	514.17
2452050300330	4.54	1,095	76.33	448.07	524.40
2452050300340	4.54	706	76.33	288.90	365.23
2452050300350	4.54	1,070	76.33	437.84	514.17
2452050300360	4.54	947	76.33	387.51	463.84
2452050300370	4.54	747	76.33	305.67	382.00
2452050300380	4.54	747	76.33	305.67	382.00
2452050300390	4.54	947	76.33	387.51	463.84
2452050310010	4.54	698	76.33	285.62	361.95
2452050310020	4.54	698	76.33	285.62	361.95
2452050310030	4.54	698	76.33	285.62	361.95
2452050310040	4.54	698	76.33	285.62	361.95
2452050310050	4.54	698	76.33	285.62	361.95

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050310060	4.54		698	76.33	285.62	361.95
2452050310070	4.54		698	76.33	285.62	361.95
2452050310080	4.54		698	76.33	285.62	361.95
2452050310090	4.54		698	76.33	285.62	361.95
2452050310100	4.54		698	76.33	285.62	361.95
2452050310110	4.54		698	76.33	285.62	361.95
2452050310120	4.54		698	76.33	285.62	361.95
2452050310130	4.54		698	76.33	285.62	361.95
2452050310140	4.54		698	76.33	285.62	361.95
2452050310150	4.54		698	76.33	285.62	361.95
2452050310160	4.54		698	76.33	285.62	361.95
2452050310170	4.54		698	76.33	285.62	361.95
2452050310180	4.54		698	76.33	285.62	361.95
2452050310190	4.54		698	76.33	285.62	361.95
2452050310200	4.54		698	76.33	285.62	361.95
2452050310210	4.54		698	76.33	285.62	361.95
2452050310220	4.54		698	76.33	285.62	361.95
2452050310230	4.54		698	76.33	285.62	361.95
2452050310240	4.54		698	76.33	285.62	361.95
2452050310250	4.54		698	76.33	285.62	361.95
2452050310260	4.54		698	76.33	285.62	361.95
2452050310270	4.54		698	76.33	285.62	361.95
2452050310280	4.54		698	76.33	285.62	361.95
2452050310290	4.54		698	76.33	285.62	361.95
2452050310300	4.54		698	76.33	285.62	361.95
2452050310310	4.54		698	76.33	285.62	361.95
2452050310320	4.54		698	76.33	285.62	361.95
2452050310330	4.54		698	76.33	285.62	361.95
2452050310340	4.54		698	76.33	285.62	361.95
2452050310350	4.54		698	76.33	285.62	361.95
2452050310360	4.54		698	76.33	285.62	361.95
2452050310370	4.54		698	76.33	285.62	361.95
2452050310380	4.54		698	76.33	285.62	361.95
2452050310390	4.54		698	76.33	285.62	361.95
2452050310400	4.54		698	76.33	285.62	361.95
2452050310410	4.54		698	76.33	285.62	361.95
2452050310420	4.54		698	76.33	285.62	361.95
2452050310430	4.54		698	76.33	285.62	361.95
2452050310440	4.54		698	76.33	285.62	361.95
2452050310450	4.54		698	76.33	285.62	361.95
2452050310460	4.54		698	76.33	285.62	361.95
2452050310470	4.54		698	76.33	285.62	361.95
2452050310480	4.54		698	76.33	285.62	361.95
2452050310490	4.54		698	76.33	285.62	361.95
2452050310500	4.54		698	76.33	285.62	361.95
2452050310510	4.54		698	76.33	285.62	361.95
2452050310520	4.54		698	76.33	285.62	361.95
2452050310530	4.54		698	76.33	285.62	361.95
2452050310540	4.54		698	76.33	285.62	361.95
2452050310550	4.54		698	76.33	285.62	361.95
2452050310560	4.54		698	76.33	285.62	361.95

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050310570	4.54		698	76.33	285.62	361.95
2452050310580	4.54		698	76.33	285.62	361.95
2452050310590	4.54		698	76.33	285.62	361.95
2452050310600	4.54		698	76.33	285.62	361.95
2452050310610	4.54		698	76.33	285.62	361.95
2452050310620	4.54		698	76.33	285.62	361.95
2452050310630	4.54		698	76.33	285.62	361.95
2452050310640	4.54		698	76.33	285.62	361.95
2452050320010	4.54		937	76.33	383.42	459.75
2452050320020	4.54		937	76.33	383.42	459.75
2452050320030	4.54		791	76.33	323.68	400.01
2452050320040	4.54		791	76.33	323.68	400.01
2452050320050	4.54		791	76.33	323.68	400.01
2452050320060	4.54		791	76.33	323.68	400.01
2452050320070	4.54		791	76.33	323.68	400.01
2452050320080	4.54		791	76.33	323.68	400.01
2452050320090	4.54		791	76.33	323.68	400.01
2452050320100	4.54		791	76.33	323.68	400.01
2452050320110	4.54		937	76.33	383.42	459.75
2452050320120	4.54		937	76.33	383.42	459.75
2452050320130	4.54		937	76.33	383.42	459.75
2452050320140	4.54		937	76.33	383.42	459.75
2452050320150	4.54		791	76.33	323.68	400.01
2452050320160	4.54		791	76.33	323.68	400.01
2452050320170	4.54		791	76.33	323.68	400.01
2452050320180	4.54		791	76.33	323.68	400.01
2452050320190	4.54		791	76.33	323.68	400.01
2452050320200	4.54		791	76.33	323.68	400.01
2452050320210	4.54		791	76.33	323.68	400.01
2452050320220	4.54		791	76.33	323.68	400.01
2452050320230	4.54		937	76.33	383.42	459.75
2452050320240	4.54		937	76.33	383.42	459.75
2452050320250	4.54		937	76.33	383.42	459.75
2452050320260	4.54		937	76.33	383.42	459.75
2452050320270	4.54		791	76.33	323.68	400.01
2452050320280	4.54		791	76.33	323.68	400.01
2452050320290	4.54		791	76.33	323.68	400.01
2452050320300	4.54		791	76.33	323.68	400.01
2452050320310	4.54		791	76.33	323.68	400.01
2452050320320	4.54		791	76.33	323.68	400.01
2452050320330	4.54		791	76.33	323.68	400.01
2452050320340	4.54		791	76.33	323.68	400.01
2452050320350	4.54		937	76.33	383.42	459.75
2452050320360	4.54		937	76.33	383.42	459.75
2452050320370	4.54		937	76.33	383.42	459.75
2452050320380	4.54		937	76.33	383.42	459.75
2452050320390	4.54		791	76.33	323.68	400.01
2452050320400	4.54		791	76.33	323.68	400.01
2452050320410	4.54		791	76.33	323.68	400.01
2452050320420	4.54		791	76.33	323.68	400.01
2452050320430	4.54		791	76.33	323.68	400.01

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050320440	4.54		791	76.33	323.68	400.01
2452050320450	4.54		791	76.33	323.68	400.01
2452050320460	4.54		791	76.33	323.68	400.01
2452050320470	4.54		937	76.33	383.42	459.75
2452050320480	4.54		937	76.33	383.42	459.75
2452050320490	4.54		937	76.33	383.42	459.75
2452050320500	4.54		937	76.33	383.42	459.75
2452050320510	4.54		791	76.33	323.68	400.01
2452050320520	4.54		791	76.33	323.68	400.01
2452050320530	4.54		791	76.33	323.68	400.01
2452050320540	4.54		791	76.33	323.68	400.01
2452050320550	4.54		791	76.33	323.68	400.01
2452050320560	4.54		791	76.33	323.68	400.01
2452050320570	4.54		791	76.33	323.68	400.01
2452050320580	4.54		791	76.33	323.68	400.01
2452050320590	4.54		937	76.33	383.42	459.75
2452050320600	4.54		937	76.33	383.42	459.75
2452050320610	4.54		937	76.33	383.42	459.75
2452050320620	4.54		937	76.33	383.42	459.75
2452050320630	4.54		791	76.33	323.68	400.01
2452050320640	4.54		791	76.33	323.68	400.01
2452050320650	4.54		791	76.33	323.68	400.01
2452050320660	4.54		791	76.33	323.68	400.01
2452050320670	4.54		791	76.33	323.68	400.01
2452050320680	4.54		791	76.33	323.68	400.01
2452050320690	4.54		791	76.33	323.68	400.01
2452050320700	4.54		791	76.33	323.68	400.01
2452050320710	4.54		937	76.33	383.42	459.75
2452050320720	4.54		937	76.33	383.42	459.75
2452050320730	4.54		937	76.33	383.42	459.75
2452050320740	4.54		937	76.33	383.42	459.75
2452050320750	4.54		791	76.33	323.68	400.01
2452050320760	4.54		791	76.33	323.68	400.01
2452050320770	4.54		791	76.33	323.68	400.01
2452050320780	4.54		791	76.33	323.68	400.01
2452050320790	4.54		791	76.33	323.68	400.01
2452050320800	4.54		791	76.33	323.68	400.01
2452050320810	4.54		791	76.33	323.68	400.01
2452050320820	4.54		791	76.33	323.68	400.01
2452050320830	4.54		937	76.33	383.42	459.75
2452050320840	4.54		937	76.33	383.42	459.75
2452050320850	4.54		937	76.33	383.42	459.75
2452050320860	4.54		937	76.33	383.42	459.75
2452050320870	4.54		791	76.33	323.68	400.01
2452050320880	4.54		791	76.33	323.68	400.01
2452050320890	4.54		791	76.33	323.68	400.01
2452050320900	4.54		791	76.33	323.68	400.01
2452050320910	4.54		791	76.33	323.68	400.01
2452050320920	4.54		791	76.33	323.68	400.01
2452050320930	4.54		791	76.33	323.68	400.01
2452050320940	4.54		791	76.33	323.68	400.01

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050320950	4.54	937	76.33	383.42	459.75
2452050320960	4.54	937	76.33	383.42	459.75
2452050320970	4.54	937	76.33	383.42	459.75
2452050320980	4.54	937	76.33	383.42	459.75
2452050320990	4.54	791	76.33	323.68	400.01
2452050321000	4.54	791	76.33	323.68	400.01
2452050321010	4.54	791	76.33	323.68	400.01
2452050321020	4.54	791	76.33	323.68	400.01
2452050321030	4.54	791	76.33	323.68	400.01
2452050321040	4.54	791	76.33	323.68	400.01
2452050321050	4.54	791	76.33	323.68	400.01
2452050321060	4.54	791	76.33	323.68	400.01
2452050321070	4.54	937	76.33	383.42	459.75
2452050321080	4.54	937	76.33	383.42	459.75
2452050321090	4.54	937	76.33	383.42	459.75
2452050321100	4.54	937	76.33	383.42	459.75
2452050321110	4.54	791	76.33	323.68	400.01
2452050321120	4.54	791	76.33	323.68	400.01
2452050321130	4.54	791	76.33	323.68	400.01
2452050321140	4.54	791	76.33	323.68	400.01
2452050321150	4.54	791	76.33	323.68	400.01
2452050321160	4.54	791	76.33	323.68	400.01
2452050321170	4.54	791	76.33	323.68	400.01
2452050321180	4.54	791	76.33	323.68	400.01
2452050321190	4.54	937	76.33	383.42	459.75
2452050321200	4.54	937	76.33	383.42	459.75
2452050330010	4.54	830	76.33	339.64	415.97
2452050330020	4.54	830	76.33	339.64	415.97
2452050330030	4.54	830	76.33	339.64	415.97
2452050330040	4.54	830	76.33	339.64	415.97
2452050330050	4.54	830	76.33	339.64	415.97
2452050330060	4.54	830	76.33	339.64	415.97
2452050330070	4.54	830	76.33	339.64	415.97
2452050330080	4.54	830	76.33	339.64	415.97
2452050330090	4.54	830	76.33	339.64	415.97
2452050330100	4.54	830	76.33	339.64	415.97
2452050330110	4.54	830	76.33	339.64	415.97
2452050330120	4.54	830	76.33	339.64	415.97
2452050330130	4.54	1,221	76.33	499.63	575.96
2452050330140	4.54	1,154	76.33	472.22	548.55
2452050340010	4.54	854	76.33	349.46	425.79
2452050340020	4.54	854	76.33	349.46	425.79
2452050340030	4.54	854	76.33	349.46	425.79
2452050340040	4.54	854	76.33	349.46	425.79
2452050340050	4.54	854	76.33	349.46	425.79
2452050340060	4.54	854	76.33	349.46	425.79
2452050340070	4.54	854	76.33	349.46	425.79
2452050340080	4.54	854	76.33	349.46	425.79
2452050340090	4.54	854	76.33	349.46	425.79
2452050340100	4.54	854	76.33	349.46	425.79
2452050340110	4.54	854	76.33	349.46	425.79

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050340120	4.54	854	76.33	349.46	425.79
2452050340130	4.54	1,257	76.33	514.36	590.69
2452050340140	4.54	1,188	76.33	486.13	562.46
2452050350010	4.54	800	76.33	327.36	403.69
2452050350020	4.54	766	76.33	313.45	389.78
2452050350030	4.54	800	76.33	327.36	403.69
2452050350040	4.54	800	76.33	327.36	403.69
2452050350050	4.54	766	76.33	313.45	389.78
2452050350060	4.54	800	76.33	327.36	403.69
2452050350070	4.54	800	76.33	327.36	403.69
2452050350080	4.54	766	76.33	313.45	389.78
2452050350090	4.54	800	76.33	327.36	403.69
2452050350100	4.54	800	76.33	327.36	403.69
2452050350110	4.54	766	76.33	313.45	389.78
2452050350120	4.54	800	76.33	327.36	403.69
2452050350130	4.54	800	76.33	327.36	403.69
2452050350140	4.54	766	76.33	313.45	389.78
2452050350150	4.54	800	76.33	327.36	403.69
2452050350160	4.54	800	76.33	327.36	403.69
2452050350170	4.54	766	76.33	313.45	389.78
2452050350180	4.54	800	76.33	327.36	403.69
2452050350190	4.54	800	76.33	327.36	403.69
2452050350200	4.54	766	76.33	313.45	389.78
2452050350210	4.54	800	76.33	327.36	403.69
2452050350220	4.54	800	76.33	327.36	403.69
2452050350230	4.54	766	76.33	313.45	389.78
2452050350240	4.54	800	76.33	327.36	403.69
2452050360010	4.54	755	76.33	308.95	385.28
2452050360020	4.54	755	76.33	308.95	385.28
2452050360030	4.54	835	76.33	341.68	418.01
2452050360040	4.54	774	76.33	316.72	393.05
2452050360050	4.54	835	76.33	341.68	418.01
2452050360060	4.54	835	76.33	341.68	418.01
2452050360070	4.54	755	76.33	308.95	385.28
2452050360080	4.54	755	76.33	308.95	385.28
2452050360090	4.54	835	76.33	341.68	418.01
2452050360100	4.54	774	76.33	316.72	393.05
2452050360110	4.54	835	76.33	341.68	418.01
2452050360120	4.54	835	76.33	341.68	418.01
2452050360130	4.54	755	76.33	308.95	385.28
2452050360140	4.54	755	76.33	308.95	385.28
2452050360150	4.54	835	76.33	341.68	418.01
2452050360160	4.54	774	76.33	316.72	393.05
2452050360170	4.54	835	76.33	341.68	418.01
2452050360180	4.54	835	76.33	341.68	418.01
2452050360190	4.54	755	76.33	308.95	385.28
2452050360200	4.54	755	76.33	308.95	385.28
2452050360210	4.54	835	76.33	341.68	418.01
2452050360220	4.54	774	76.33	316.72	393.05
2452050360230	4.54	835	76.33	341.68	418.01
2452050360240	4.54	835	76.33	341.68	418.01

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050380010	4.54	1,001	76.33	409.61	485.94
2452050380020	4.54	771	76.33	315.49	391.82
2452050380030	4.54	771	76.33	315.49	391.82
2452050380040	4.54	1,001	76.33	409.61	485.94
2452050380050	4.54	1,083	76.33	443.16	519.49
2452050380060	4.54	1,072	76.33	438.66	514.99
2452050380070	4.54	832	76.33	340.45	416.78
2452050380080	4.54	854	76.33	349.46	425.79
2452050380090	4.54	1,072	76.33	438.66	514.99
2452050380100	4.54	1,083	76.33	443.16	519.49
2452050380110	4.54	1,001	76.33	409.61	485.94
2452050380120	4.54	771	76.33	315.49	391.82
2452050380130	4.54	771	76.33	315.49	391.82
2452050380140	4.54	1,001	76.33	409.61	485.94
2452050380150	4.54	1,001	76.33	409.61	485.94
2452050380160	4.54	771	76.33	315.49	391.82
2452050380170	4.54	771	76.33	315.49	391.82
2452050380180	4.54	1,001	76.33	409.61	485.94
2452050380190	4.54	1,083	76.33	443.16	519.49
2452050380200	4.54	1,072	76.33	438.66	514.99
2452050380210	4.54	832	76.33	340.45	416.78
2452050380220	4.54	1,116	76.33	456.67	533.00
2452050380230	4.54	854	76.33	349.46	425.79
2452050380240	4.54	1,072	76.33	438.66	514.99
2452050380250	4.54	1,083	76.33	443.16	519.49
2452050380260	4.54	1,001	76.33	409.61	485.94
2452050380270	4.54	771	76.33	315.49	391.82
2452050380280	4.54	771	76.33	315.49	391.82
2452050380290	4.54	1,001	76.33	409.61	485.94
2452050380300	4.54	1,001	76.33	409.61	485.94
2452050380310	4.54	771	76.33	315.49	391.82
2452050380320	4.54	771	76.33	315.49	391.82
2452050380330	4.54	1,001	76.33	409.61	485.94
2452050380340	4.54	1,083	76.33	443.16	519.49
2452050380350	4.54	1,072	76.33	438.66	514.99
2452050380360	4.54	832	76.33	340.45	416.78
2452050380370	4.54	1,116	76.33	456.67	533.00
2452050380380	4.54	854	76.33	349.46	425.79
2452050380390	4.54	1,072	76.33	438.66	514.99
2452050380400	4.54	1,083	76.33	443.16	519.49
2452050380410	4.54	1,001	76.33	409.61	485.94
2452050380420	4.54	771	76.33	315.49	391.82
2452050380430	4.54	771	76.33	315.49	391.82
2452050380440	4.54	1,001	76.33	409.61	485.94
2452050380450	4.54	1,001	76.33	409.61	485.94
2452050380460	4.54	771	76.33	315.49	391.82
2452050380470	4.54	771	76.33	315.49	391.82
2452050380480	4.54	1,001	76.33	409.61	485.94
2452050380490	4.54	1,083	76.33	443.16	519.49
2452050380500	4.54	1,072	76.33	438.66	514.99
2452050380510	4.54	832	76.33	340.45	416.78

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050380520	4.54	854	76.33	349.46	425.79
2452050380530	4.54	1,072	76.33	438.66	514.99
2452050380540	4.54	1,083	76.33	443.16	519.49
2452050380550	4.54	1,001	76.33	409.61	485.94
2452050380560	4.54	771	76.33	315.49	391.82
2452050380570	4.54	771	76.33	315.49	391.82
2452050380580	4.54	1,001	76.33	409.61	485.94
2452050380590	4.54	1,001	76.33	409.61	485.94
2452050380600	4.54	771	76.33	315.49	391.82
2452050380610	4.54	771	76.33	315.49	391.82
2452050380620	4.54	1,001	76.33	409.61	485.94
2452050380630	4.54	1,083	76.33	443.16	519.49
2452050380640	4.54	1,072	76.33	438.66	514.99
2452050380650	4.54	832	76.33	340.45	416.78
2452050380660	4.54	1,116	76.33	456.67	533.00
2452050380670	4.54	854	76.33	349.46	425.79
2452050380680	4.54	1,072	76.33	438.66	514.99
2452050380690	4.54	1,083	76.33	443.16	519.49
2452050380700	4.54	1,001	76.33	409.61	485.94
2452050380710	4.54	771	76.33	315.49	391.82
2452050380720	4.54	771	76.33	315.49	391.82
2452050380730	4.54	1,001	76.33	409.61	485.94
2452050380740	4.54	1,001	76.33	409.61	485.94
2452050380750	4.54	771	76.33	315.49	391.82
2452050380760	4.54	771	76.33	315.49	391.82
2452050380770	4.54	1,001	76.33	409.61	485.94
2452050380780	4.54	1,083	76.33	443.16	519.49
2452050380790	4.54	1,072	76.33	438.66	514.99
2452050380800	4.54	832	76.33	340.45	416.78
2452050380810	4.54	1,116	76.33	456.67	533.00
2452050380820	4.54	854	76.33	349.46	425.79
2452050380830	4.54	1,072	76.33	438.66	514.99
2452050380840	4.54	1,083	76.33	443.16	519.49
2452050380850	4.54	1,001	76.33	409.61	485.94
2452050380860	4.54	771	76.33	315.49	391.82
2452050380870	4.54	771	76.33	315.49	391.82
2452050380880	4.54	1,001	76.33	409.61	485.94
2452050390010	4.54	774	76.33	316.72	393.05
2452050390020	4.54	787	76.33	322.04	398.37
2452050390030	4.54	800	76.33	327.36	403.69
2452050390040	4.54	774	76.33	316.72	393.05
2452050390050	4.54	787	76.33	322.04	398.37
2452050390060	4.54	800	76.33	327.36	403.69
2452050390070	4.54	774	76.33	316.72	393.05
2452050390080	4.54	787	76.33	322.04	398.37
2452050390090	4.54	800	76.33	327.36	403.69
2452050390100	4.54	774	76.33	316.72	393.05
2452050390110	4.54	787	76.33	322.04	398.37
2452050390120	4.54	800	76.33	327.36	403.69
2452050400010	4.54	904	76.33	369.92	446.25
2452050400020	4.54	904	76.33	369.92	446.25

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050400030	4.54	904	76.33	369.92	446.25
2452050400040	4.54	904	76.33	369.92	446.25
2452050400050	4.54	1,084	76.33	443.57	519.90
2452050400060	4.54	1,084	76.33	443.57	519.90
2452050400070	4.54	1,720	76.33	703.82	780.15
2452050400080	4.54	860	76.33	351.91	428.24
2452050400100	4.54	860	76.33	351.91	428.24
2452050400110	4.54	2,360	76.33	965.71	1,042.04
2452050410010	31.95	2,798	537.16	1,144.99	1,682.15
2452050410020	23.03	2,016	387.11	825.14	1,212.25
2452050410030	23.03	2,016	387.11	825.14	1,212.25
2452050410040	23.03	2,016	387.11	825.14	1,212.25
2452050410050	21.63	1,894	363.57	774.97	1,138.54
2452050410060	36.10	3,162	606.93	1,293.71	1,900.64
2452050420010	4.54	1,054	76.33	431.30	507.63
2452050420020	4.54	1,054	76.33	431.30	507.63
2452050420030	4.54	1,054	76.33	431.30	507.63
2452050420040	4.54	1,054	76.33	431.30	507.63
2452050420050	4.54	1,054	76.33	431.30	507.63
2452050420060	4.54	1,054	76.33	431.30	507.63
2452050420070	4.54	1,054	76.33	431.30	507.63
2452050420080	4.54	1,076	76.33	440.30	516.63
2452050420090	4.54	1,054	76.33	431.30	507.63
2452050420100	4.54	1,054	76.33	431.30	507.63
2452050420110	4.54	1,054	76.33	431.30	507.63
2452050420120	4.54	1,054	76.33	431.30	507.63
2452050420130	4.54	1,076	76.33	440.30	516.63
2452050420140	4.54	1,054	76.33	431.30	507.63
2452050420150	4.54	1,054	76.33	431.30	507.63
2452050420160	4.54	1,054	76.33	431.30	507.63
2452050420170	4.54	1,054	76.33	431.30	507.63
2452050420180	4.54	1,054	76.33	431.30	507.63
2452050420190	4.54	1,054	76.33	431.30	507.63
2452050420200	4.54	1,054	76.33	431.30	507.63
2452050420210	4.54	1,076	76.33	440.30	516.63
2452050420220	4.54	1,054	76.33	431.30	507.63
2452050420230	4.54	1,054	76.33	431.30	507.63
2452050420240	4.54	1,054	76.33	431.30	507.63
2452050420250	4.54	1,054	76.33	431.30	507.63
2452050420260	4.54	1,076	76.33	440.30	516.63
2452050420270	4.54	1,054	76.33	431.30	507.63
2452050420280	4.54	1,054	76.33	431.30	507.63
2452050420290	4.54	1,054	76.33	431.30	507.63
2452050420300	4.54	1,054	76.33	431.30	507.63
2452050420310	4.54	1,054	76.33	431.30	507.63
2452050420320	4.54	1,054	76.33	431.30	507.63
2452050420330	4.54	1,054	76.33	431.30	507.63
2452050420340	4.54	1,076	76.33	440.30	516.63
2452050420350	4.54	1,054	76.33	431.30	507.63
2452050420360	4.54	1,054	76.33	431.30	507.63
2452050420370	4.54	1,054	76.33	431.30	507.63

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050420380	4.54	1,054	76.33	431.30	507.63
2452050420390	4.54	1,076	76.33	440.30	516.63
2452050450010	4.54	1,520	76.33	621.98	698.31
2452050450020	4.54	1,520	76.33	621.98	698.31
2452050450030	4.54	1,939	76.33	793.44	869.77
2452050450040	4.54	1,520	76.33	621.98	698.31
2452050450050	4.54	1,520	76.33	621.98	698.31
2452050450060	4.54	1,520	76.33	621.98	698.31
2452050450070	4.54	1,520	76.33	621.98	698.31
2452050450080	4.54	1,520	76.33	621.98	698.31
2452050450090	4.54	1,520	76.33	621.98	698.31
2452050450100	4.54	1,520	76.33	621.98	698.31
2452050450110	4.54	1,520	76.33	621.98	698.31
2452050450120	4.54	1,520	76.33	621.98	698.31
2452050450130	4.54	1,520	76.33	621.98	698.31
2452050450140	4.54	1,520	76.33	621.98	698.31
2452050450150	4.54	1,520	76.33	621.98	698.31
2452050450160	4.54	1,520	76.33	621.98	698.31
2452050450170	4.54	1,520	76.33	621.98	698.31
2452050450180	4.54	1,520	76.33	621.98	698.31
2452050450190	4.54	1,520	76.33	621.98	698.31
2452050450200	4.54	1,520	76.33	621.98	698.31
2452050450210	4.54	1,520	76.33	621.98	698.31
2452050450220	4.54	1,520	76.33	621.98	698.31
2452050450230	4.54	1,520	76.33	621.98	698.31
2452050450240	4.54	1,520	76.33	621.98	698.31
2452050450250	4.54	1,520	76.33	621.98	698.31
2452050450260	4.54	1,520	76.33	621.98	698.31
2452050450270	4.54	1,520	76.33	621.98	698.31
2452050450280	4.54	1,520	76.33	621.98	698.31
2452050450290	4.54	1,520	76.33	621.98	698.31
2452050450300	4.54	1,520	76.33	621.98	698.31
2452050450310	4.54	1,520	76.33	621.98	698.31
2452050450320	4.54	1,520	76.33	621.98	698.31
2452050450330	4.54	1,520	76.33	621.98	698.31
2452050450340	4.54	1,520	76.33	621.98	698.31
2452050450350	4.54	1,520	76.33	621.98	698.31
2452050450360	4.54	1,520	76.33	621.98	698.31
2452050450370	4.54	1,520	76.33	621.98	698.31
2452050450380	4.54	1,520	76.33	621.98	698.31
2452050450390	4.54	1,520	76.33	621.98	698.31
2452050450400	4.54	1,520	76.33	621.98	698.31
2452050450410	4.54	1,520	76.33	621.98	698.31
2452050450420	4.54	1,520	76.33	621.98	698.31
2452050450430	4.54	1,520	76.33	621.98	698.31
2452050450440	4.54	1,348	76.33	551.60	627.93
2452050450450	4.54	1,348	76.33	551.60	627.93
2452050450460	4.54	1,348	76.33	551.60	627.93
2452050450470	4.54	1,251	76.33	511.91	588.24
2452050450480	4.54	1,555	76.33	636.31	712.64
2452050450490	4.54	1,348	76.33	551.60	627.93

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050450500	4.54	1,348	76.33	551.60	627.93
2452050450510	4.54	1,348	76.33	551.60	627.93
2452050450520	4.54	1,348	76.33	551.60	627.93
2452050450530	4.54	1,348	76.33	551.60	627.93
2452050450540	4.54	1,348	76.33	551.60	627.93
2452050450550	4.54	1,348	76.33	551.60	627.93
2452050450560	4.54	1,348	76.33	551.60	627.93
2452050450570	4.54	1,348	76.33	551.60	627.93
2452050460010	6,875.00	574,099	115,586.63	234,921.31	350,507.94
2452050470010	9.43	4,853	158.54	1,985.85	2,144.39
2452050470020	9.43	4,652	158.54	1,903.60	2,062.14
2452050470030	9.43	4,806	158.54	1,966.62	2,125.16
2452050470040	9.43	4,968	158.54	2,032.91	2,191.45
2452050470050	9.43	4,913	158.54	2,010.40	2,168.94
2452050470060	9.43	4,924	158.54	2,014.90	2,173.44
2452050470070	9.43	4,924	158.54	2,014.90	2,173.44
2452050470080	9.43	4,924	158.54	2,014.90	2,173.44
2452050470090	9.43	4,928	158.54	2,016.54	2,175.08
2452050470100	9.43	5,218	158.54	2,135.21	2,293.75
2452050470110	9.43	5,218	158.54	2,135.21	2,293.75
2452050470120	9.43	4,553	158.54	1,863.09	2,021.63
2452050470420	9.43	4,807	158.54	1,967.02	2,125.56
2452050470430	9.43	4,621	158.54	1,890.91	2,049.45
2452050470440	9.43	4,596	158.54	1,880.68	2,039.22
2452050470450	9.43	4,381	158.54	1,792.71	1,951.25
2452050470460	9.43	4,320	158.54	1,767.74	1,926.28
2452050470470	9.43	4,631	158.54	1,895.01	2,053.55
2452050470480	9.43	4,551	158.54	1,862.27	2,020.81
2452050470490	9.43	4,764	158.54	1,949.43	2,107.97
2452050470500	9.43	4,016	158.54	1,643.35	1,801.89
2452050470510	9.43	4,951	158.54	2,025.95	2,184.49
2452050470520	9.43	5,063	158.54	2,071.78	2,230.32
2452050470530	9.43	4,805	158.54	1,966.21	2,124.75
2452050470540	9.43	4,339	158.54	1,775.52	1,934.06
2452050470550	9.43	4,478	158.54	1,832.40	1,990.94
2452050470560	9.43	4,267	158.54	1,746.06	1,904.60
2452050470570	9.43	4,392	158.54	1,797.21	1,955.75
2452050490010	4.54	1,229	76.33	502.91	579.24
2452050490020	4.54	921	76.33	376.87	453.20
2452050490030	4.54	1,144	76.33	468.12	544.45
2452050490040	4.54	1,268	76.33	518.87	595.20
2452050490050	4.54	972	76.33	397.74	474.07
2452050490060	4.54	972	76.33	397.74	474.07
2452050490070	4.54	972	76.33	397.74	474.07
2452050490080	4.54	972	76.33	397.74	474.07
2452050490090	4.54	1,003	76.33	410.43	486.76
2452050490100	4.54	1,003	76.33	410.43	486.76
2452050490110	4.54	1,003	76.33	410.43	486.76
2452050490120	4.54	1,003	76.33	410.43	486.76
2452050490130	4.54	1,877	76.33	768.07	844.40
2452050490140	4.54	1,877	76.33	768.07	844.40

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050490150	4.54	1,877	76.33	768.07	844.40
2452050490160	4.54	1,151	76.33	470.99	547.32
2452050490170	4.54	1,151	76.33	470.99	547.32
2452050490180	4.54	1,151	76.33	470.99	547.32
2452050490190	4.54	1,151	76.33	470.99	547.32
2452050490200	4.54	1,151	76.33	470.99	547.32
2452050490210	4.54	1,151	76.33	470.99	547.32
2452050490220	4.54	1,151	76.33	470.99	547.32
2452050490230	4.54	1,151	76.33	470.99	547.32
2452050490240	4.54	1,151	76.33	470.99	547.32
2452050490250	4.54	1,151	76.33	470.99	547.32
2452050490260	4.54	1,151	76.33	470.99	547.32
2452050490270	4.54	1,358	76.33	555.69	632.02
2452050490280	4.54	1,358	76.33	555.69	632.02
2452050490290	4.54	1,358	76.33	555.69	632.02
2452050490300	4.54	1,358	76.33	555.69	632.02
2452050490310	4.54	1,358	76.33	555.69	632.02
2452050490320	4.54	1,358	76.33	555.69	632.02
2452050490330	4.54	1,358	76.33	555.69	632.02
2452050490340	4.54	1,358	76.33	555.69	632.02
2452050490350	4.54	1,358	76.33	555.69	632.02
2452050490360	4.54	1,358	76.33	555.69	632.02
2452050490370	4.54	1,358	76.33	555.69	632.02
2452050490380	4.54	1,284	76.33	525.41	601.74
2452050490390	4.54	1,284	76.33	525.41	601.74
2452050490400	4.54	1,284	76.33	525.41	601.74
2452050490410	4.54	1,284	76.33	525.41	601.74
2452050490420	4.54	1,428	76.33	584.34	660.67
2452050490430	4.54	1,428	76.33	584.34	660.67
2452050490440	4.54	1,428	76.33	584.34	660.67
2452050490450	4.54	1,428	76.33	584.34	660.67
2452050490460	4.54	1,296	76.33	530.32	606.65
2452050490470	4.54	1,296	76.33	530.32	606.65
2452050490480	4.54	1,296	76.33	530.32	606.65
2452050490490	4.54	1,296	76.33	530.32	606.65
2452050490500	4.54	1,296	76.33	530.32	606.65
2452050490510	4.54	1,296	76.33	530.32	606.65
2452050490520	4.54	1,296	76.33	530.32	606.65
2452050490530	4.54	1,491	76.33	610.12	686.45
2452050490540	4.54	1,491	76.33	610.12	686.45
2452050490550	4.54	1,491	76.33	610.12	686.45
2452050490560	4.54	1,491	76.33	610.12	686.45
2452050490570	4.54	1,491	76.33	610.12	686.45
2452050490580	4.54	1,491	76.33	610.12	686.45
2452050490590	4.54	1,491	76.33	610.12	686.45
2452050490600	4.54	1,296	76.33	530.32	606.65
2452050490610	4.54	1,296	76.33	530.32	606.65
2452050490620	4.54	1,296	76.33	530.32	606.65
2452050490630	4.54	1,296	76.33	530.32	606.65
2452050490640	4.54	1,296	76.33	530.32	606.65
2452050490650	4.54	1,296	76.33	530.32	606.65

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050490660	4.54	1,296	76.33	530.32	606.65
2452050490670	4.54	1,284	76.33	525.41	601.74
2452050490680	4.54	1,284	76.33	525.41	601.74
2452050490690	4.54	1,284	76.33	525.41	601.74
2452050490700	4.54	1,284	76.33	525.41	601.74
2452050490710	4.54	1,428	76.33	584.34	660.67
2452050490720	4.54	1,428	76.33	584.34	660.67
2452050490730	4.54	1,428	76.33	584.34	660.67
2452050490740	4.54	1,428	76.33	584.34	660.67
2452050490750	4.54	1,877	76.33	768.07	844.40
2452050490760	4.54	1,877	76.33	768.07	844.40
2452050490770	4.54	1,877	76.33	768.07	844.40
2452050490780	4.54	1,358	76.33	555.69	632.02
2452050490790	4.54	1,358	76.33	555.69	632.02
2452050490800	4.54	1,358	76.33	555.69	632.02
2452050490810	4.54	1,358	76.33	555.69	632.02
2452050490820	4.54	1,358	76.33	555.69	632.02
2452050490830	4.54	1,358	76.33	555.69	632.02
2452050490840	4.54	1,358	76.33	555.69	632.02
2452050490850	4.54	1,358	76.33	555.69	632.02
2452050490860	4.54	1,358	76.33	555.69	632.02
2452050490870	4.54	1,358	76.33	555.69	632.02
2452050490880	4.54	1,358	76.33	555.69	632.02
2452050490890	4.54	1,151	76.33	470.99	547.32
2452050490900	4.54	1,151	76.33	470.99	547.32
2452050490910	4.54	1,151	76.33	470.99	547.32
2452050490920	4.54	1,151	76.33	470.99	547.32
2452050490930	4.54	1,151	76.33	470.99	547.32
2452050490940	4.54	1,151	76.33	470.99	547.32
2452050490950	4.54	1,151	76.33	470.99	547.32
2452050490960	4.54	1,151	76.33	470.99	547.32
2452050490970	4.54	1,151	76.33	470.99	547.32
2452050490980	4.54	1,151	76.33	470.99	547.32
2452050490990	4.54	1,151	76.33	470.99	547.32
2452050491000	4.54	972	76.33	397.74	474.07
2452050491010	4.54	972	76.33	397.74	474.07
2452050491020	4.54	972	76.33	397.74	474.07
2452050491030	4.54	972	76.33	397.74	474.07
2452050491040	4.54	1,003	76.33	410.43	486.76
2452050491050	4.54	1,003	76.33	410.43	486.76
2452050491060	4.54	1,003	76.33	410.43	486.76
2452050491070	4.54	1,003	76.33	410.43	486.76
2452050491080	4.54	687	76.33	281.12	357.45
2452050491090	4.54	687	76.33	281.12	357.45
2452050491100	4.54	687	76.33	281.12	357.45
2452050491110	4.54	687	76.33	281.12	357.45
2452050491120	4.54	671	76.33	274.57	350.90
2452050491130	4.54	671	76.33	274.57	350.90
2452050491140	4.54	671	76.33	274.57	350.90
2452050491150	4.54	687	76.33	281.12	357.45
2452050491160	4.54	687	76.33	281.12	357.45

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050491170	4.54	687	76.33	281.12	357.45
2452050491180	4.54	687	76.33	281.12	357.45
2452050491190	4.54	687	76.33	281.12	357.45
2452050491200	4.54	687	76.33	281.12	357.45
2452050491210	4.54	687	76.33	281.12	357.45
2452050491220	4.54	687	76.33	281.12	357.45
2452050491230	4.54	757	76.33	309.76	386.09
2452050491240	4.54	757	76.33	309.76	386.09
2452050491250	4.54	757	76.33	309.76	386.09
2452050491260	4.54	687	76.33	281.12	357.45
2452050491270	4.54	687	76.33	281.12	357.45
2452050491280	4.54	687	76.33	281.12	357.45
2452050491290	4.54	687	76.33	281.12	357.45
2452050491300	4.54	2,888	76.33	1,181.77	1,258.10
2452050491310	4.54	1,296	76.33	530.32	606.65
2452050491320	4.54	1,491	76.33	610.12	686.45
2452050491330	4.54	1,296	76.33	530.32	606.65
2452050491340	4.54	2,888	76.33	1,181.77	1,258.10
2452050491350	4.54	3,001	76.33	1,228.01	1,304.34
2452050491360	4.54	3,938	76.33	1,611.43	1,687.76
2452050491380	4.54	3,001	76.33	1,228.01	1,304.34
2452050500010	4.54	1,275	76.33	521.73	598.06
2452050500020	4.54	1,275	76.33	521.73	598.06
2452050500030	4.54	1,275	76.33	521.73	598.06
2452050500040	4.54	1,529	76.33	625.67	702.00
2452050500050	4.54	1,529	76.33	625.67	702.00
2452050500060	4.54	1,529	76.33	625.67	702.00
2452050500070	4.54	1,529	76.33	625.67	702.00
2452050500080	4.54	1,374	76.33	562.24	638.57
2452050500090	4.54	1,374	76.33	562.24	638.57
2452050500100	4.54	1,374	76.33	562.24	638.57
2452050500110	4.54	1,374	76.33	562.24	638.57
2452050500120	4.54	1,374	76.33	562.24	638.57
2452050500130	4.54	1,727	76.33	706.69	783.02
2452050500140	4.54	1,727	76.33	706.69	783.02
2452050500150	4.54	1,727	76.33	706.69	783.02
2452050500160	4.54	1,727	76.33	706.69	783.02
2452050500170	4.54	1,727	76.33	706.69	783.02
2452050500180	4.54	1,275	76.33	521.73	598.06
2452050500190	4.54	1,275	76.33	521.73	598.06
2452050500200	4.54	1,275	76.33	521.73	598.06
2452050500210	4.54	1,275	76.33	521.73	598.06
2452050500220	4.54	1,275	76.33	521.73	598.06
2452050500230	4.54	1,529	76.33	625.67	702.00
2452050500240	4.54	1,529	76.33	625.67	702.00
2452050500250	4.54	1,529	76.33	625.67	702.00
2452050500260	4.54	1,529	76.33	625.67	702.00
2452050500270	4.54	1,529	76.33	625.67	702.00
2452050500280	4.54	1,374	76.33	562.24	638.57
2452050500290	4.54	1,374	76.33	562.24	638.57
2452050500300	4.54	1,374	76.33	562.24	638.57

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050500310	4.54	1,374	76.33	562.24	638.57
2452050500320	4.54	1,374	76.33	562.24	638.57
2452050500330	4.54	1,529	76.33	625.67	702.00
2452050500340	4.54	1,529	76.33	625.67	702.00
2452050500350	4.54	1,529	76.33	625.67	702.00
2452050500360	4.54	1,529	76.33	625.67	702.00
2452050510010	4.54	989	76.33	404.70	481.03
2452050510020	4.54	989	76.33	404.70	481.03
2452050510030	4.54	989	76.33	404.70	481.03
2452050510040	4.54	811	76.33	331.86	408.19
2452050510050	4.54	811	76.33	331.86	408.19
2452050510060	4.54	811	76.33	331.86	408.19
2452050510070	4.54	921	76.33	376.87	453.20
2452050510080	4.54	921	76.33	376.87	453.20
2452050510090	4.54	921	76.33	376.87	453.20
2452050510100	4.54	701	76.33	286.85	363.18
2452050510110	4.54	701	76.33	286.85	363.18
2452050510120	4.54	701	76.33	286.85	363.18
2452050510130	4.54	701	76.33	286.85	363.18
2452050510140	4.54	701	76.33	286.85	363.18
2452050510150	4.54	701	76.33	286.85	363.18
2452050510160	4.54	921	76.33	376.87	453.20
2452050510170	4.54	921	76.33	376.87	453.20
2452050510180	4.54	921	76.33	376.87	453.20
2452050510190	4.54	811	76.33	331.86	408.19
2452050510200	4.54	811	76.33	331.86	408.19
2452050510210	4.54	811	76.33	331.86	408.19
2452050510220	4.54	989	76.33	404.70	481.03
2452050510230	4.54	989	76.33	404.70	481.03
2452050510240	4.54	989	76.33	404.70	481.03
2452050510250	4.54	605	76.33	247.57	323.90
2452050510260	4.54	605	76.33	247.57	323.90
2452050510270	4.54	605	76.33	247.57	323.90
2452050510280	4.54	1,415	76.33	579.02	655.35
2452050510290	4.54	1,415	76.33	579.02	655.35
2452050510300	4.54	605	76.33	247.57	323.90
2452050510310	4.54	605	76.33	247.57	323.90
2452050510320	4.54	605	76.33	247.57	323.90
2452050530010	4.54	422	76.33	172.68	249.01
2452050530020	4.54	422	76.33	172.68	249.01
2452050530030	4.54	349	76.33	142.81	219.14
2452050530040	4.54	452	76.33	184.96	261.29
2452050530050	4.54	452	76.33	184.96	261.29
2452050530060	4.54	452	76.33	184.96	261.29
2452050530070	4.54	452	76.33	184.96	261.29
2452050530080	4.54	452	76.33	184.96	261.29
2452050530090	4.54	452	76.33	184.96	261.29
2452050530100	4.54	349	76.33	142.81	219.14
2452050530110	4.54	349	76.33	142.81	219.14
2452050530120	4.54	563	76.33	230.38	306.71
2452050530130	4.54	586	76.33	239.79	316.12

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050530140	4.54	422	76.33	172.68	249.01
2452050530150	4.54	422	76.33	172.68	249.01
2452050530160	4.54	349	76.33	142.81	219.14
2452050530170	4.54	452	76.33	184.96	261.29
2452050530180	4.54	452	76.33	184.96	261.29
2452050530190	4.54	452	76.33	184.96	261.29
2452050530200	4.54	452	76.33	184.96	261.29
2452050530210	4.54	452	76.33	184.96	261.29
2452050530220	4.54	452	76.33	184.96	261.29
2452050530230	4.54	349	76.33	142.81	219.14
2452050530240	4.54	349	76.33	142.81	219.14
2452050530250	4.54	563	76.33	230.38	306.71
2452050530260	4.54	586	76.33	239.79	316.12
2452050530270	4.54	422	76.33	172.68	249.01
2452050530280	4.54	422	76.33	172.68	249.01
2452050530290	4.54	349	76.33	142.81	219.14
2452050530300	4.54	452	76.33	184.96	261.29
2452050530310	4.54	452	76.33	184.96	261.29
2452050530320	4.54	452	76.33	184.96	261.29
2452050530330	4.54	452	76.33	184.96	261.29
2452050530340	4.54	452	76.33	184.96	261.29
2452050530350	4.54	452	76.33	184.96	261.29
2452050530360	4.54	349	76.33	142.81	219.14
2452050530370	4.54	349	76.33	142.81	219.14
2452050530380	4.54	563	76.33	230.38	306.71
2452050530390	4.54	586	76.33	239.79	316.12
2452050530400	4.54	422	76.33	172.68	249.01
2452050530410	4.54	422	76.33	172.68	249.01
2452050530420	4.54	349	76.33	142.81	219.14
2452050530430	4.54	452	76.33	184.96	261.29
2452050530440	4.54	452	76.33	184.96	261.29
2452050530450	4.54	452	76.33	184.96	261.29
2452050530460	4.54	452	76.33	184.96	261.29
2452050530470	4.54	452	76.33	184.96	261.29
2452050530480	4.54	452	76.33	184.96	261.29
2452050530490	4.54	349	76.33	142.81	219.14
2452050530500	4.54	349	76.33	142.81	219.14
2452050530510	4.54	563	76.33	230.38	306.71
2452050530530	4.54	422	76.33	172.68	249.01
2452050530540	4.54	422	76.33	172.68	249.01
2452050530550	4.54	349	76.33	142.81	219.14
2452050530560	4.54	452	76.33	184.96	261.29
2452050530570	4.54	452	76.33	184.96	261.29
2452050530580	4.54	452	76.33	184.96	261.29
2452050530590	4.54	452	76.33	184.96	261.29
2452050530600	4.54	452	76.33	184.96	261.29
2452050530610	4.54	452	76.33	184.96	261.29
2452050530620	4.54	349	76.33	142.81	219.14
2452050530630	4.54	349	76.33	142.81	219.14
2452050530640	4.54	563	76.33	230.38	306.71
2452050530650	4.54	586	76.33	239.79	316.12

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050530660	4.54	845	76.33	345.77	422.10
2452050530680	4.54	349	76.33	142.81	219.14
2452050530690	4.54	452	76.33	184.96	261.29
2452050530700	4.54	452	76.33	184.96	261.29
2452050530710	4.54	452	76.33	184.96	261.29
2452050530720	4.54	452	76.33	184.96	261.29
2452050530730	4.54	452	76.33	184.96	261.29
2452050530740	4.54	452	76.33	184.96	261.29
2452050530750	4.54	349	76.33	142.81	219.14
2452050530760	4.54	349	76.33	142.81	219.14
2452050530770	4.54	563	76.33	230.38	306.71
2452050530780	4.54	586	76.33	239.79	316.12
2452050530790	4.54	422	76.33	172.68	249.01
2452050530800	4.54	422	76.33	172.68	249.01
2452050530810	4.54	349	76.33	142.81	219.14
2452050530820	4.54	452	76.33	184.96	261.29
2452050530830	4.54	452	76.33	184.96	261.29
2452050530840	4.54	452	76.33	184.96	261.29
2452050530850	4.54	452	76.33	184.96	261.29
2452050530860	4.54	452	76.33	184.96	261.29
2452050530870	4.54	452	76.33	184.96	261.29
2452050530880	4.54	349	76.33	142.81	219.14
2452050530890	4.54	349	76.33	142.81	219.14
2452050530900	4.54	563	76.33	230.38	306.71
2452050530910	4.54	586	76.33	239.79	316.12
2452050540010	4.54	823	76.33	336.77	413.10
2452050540020	4.54	1,720	76.33	703.82	780.15
2452050540030	4.54	1,720	76.33	703.82	780.15
2452050540040	4.54	1,720	76.33	703.82	780.15
2452050540050	4.54	1,720	76.33	703.82	780.15
2452050540060	4.54	1,720	76.33	703.82	780.15
2452050540070	4.54	1,720	76.33	703.82	780.15
2452050540080	4.54	1,720	76.33	703.82	780.15
2452050540090	4.54	1,720	76.33	703.82	780.15
2452050540100	4.54	1,720	76.33	703.82	780.15
2452050540110	4.54	1,720	76.33	703.82	780.15
2452050540120	4.54	1,720	76.33	703.82	780.15
2452050540130	4.54	1,720	76.33	703.82	780.15
2452050540140	4.54	1,720	76.33	703.82	780.15
2452050540150	4.54	1,795	76.33	734.51	810.84
2452050540160	4.54	1,300	76.33	531.96	608.29
2452050540170	4.54	1,300	76.33	531.96	608.29
2452050540180	4.54	1,300	76.33	531.96	608.29
2452050540190	4.54	1,300	76.33	531.96	608.29
2452050540200	4.54	1,300	76.33	531.96	608.29
2452050540210	4.54	1,300	76.33	531.96	608.29
2452050540220	4.54	1,300	76.33	531.96	608.29
2452050540230	4.54	1,300	76.33	531.96	608.29
2452050540240	4.54	1,300	76.33	531.96	608.29
2452050540250	4.54	1,300	76.33	531.96	608.29
2452050540260	4.54	1,300	76.33	531.96	608.29

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050540270	4.54	1,300	76.33	531.96	608.29
2452050540280	4.54	1,300	76.33	531.96	608.29
2452050540290	4.54	1,411	76.33	577.38	653.71
2452050540300	4.54	1,547	76.33	633.03	709.36
2452050540310	4.54	1,547	76.33	633.03	709.36
2452050540320	4.54	1,547	76.33	633.03	709.36
2452050540330	4.54	1,547	76.33	633.03	709.36
2452050540340	4.54	1,547	76.33	633.03	709.36
2452050540350	4.54	1,547	76.33	633.03	709.36
2452050540360	4.54	1,547	76.33	633.03	709.36
2452050540370	4.54	1,547	76.33	633.03	709.36
2452050540380	4.54	1,547	76.33	633.03	709.36
2452050540390	4.54	1,547	76.33	633.03	709.36
2452050540400	4.54	1,547	76.33	633.03	709.36
2452050540410	4.54	1,547	76.33	633.03	709.36
2452050540420	4.54	1,547	76.33	633.03	709.36
2452050540430	4.54	1,547	76.33	633.03	709.36
2452050540440	4.54	1,665	76.33	681.32	757.65
2452050540450	4.54	1,547	76.33	633.03	709.36
2452050540460	4.54	1,547	76.33	633.03	709.36
2452050540470	4.54	1,547	76.33	633.03	709.36
2452050540480	4.54	1,547	76.33	633.03	709.36
2452050540490	4.54	1,547	76.33	633.03	709.36
2452050540500	4.54	1,547	76.33	633.03	709.36
2452050540510	4.54	1,547	76.33	633.03	709.36
2452050540520	4.54	1,547	76.33	633.03	709.36
2452050540530	4.54	1,547	76.33	633.03	709.36
2452050540540	4.54	1,547	76.33	633.03	709.36
2452050540550	4.54	1,547	76.33	633.03	709.36
2452050540560	4.54	1,547	76.33	633.03	709.36
2452050540570	4.54	1,547	76.33	633.03	709.36
2452050540580	4.54	1,547	76.33	633.03	709.36
2452050540590	4.54	1,547	76.33	633.03	709.36
2452050540600	4.54	1,300	76.33	531.96	608.29
2452050540610	4.54	1,300	76.33	531.96	608.29
2452050540620	4.54	1,300	76.33	531.96	608.29
2452050540630	4.54	1,300	76.33	531.96	608.29
2452050540640	4.54	1,300	76.33	531.96	608.29
2452050540650	4.54	1,300	76.33	531.96	608.29
2452050540660	4.54	1,300	76.33	531.96	608.29
2452050540670	4.54	1,300	76.33	531.96	608.29
2452050540680	4.54	1,300	76.33	531.96	608.29
2452050540690	4.54	1,300	76.33	531.96	608.29
2452050540700	4.54	1,300	76.33	531.96	608.29
2452050540710	4.54	1,300	76.33	531.96	608.29
2452050540720	4.54	2,599	76.33	1,063.51	1,139.84
2452050540740	4.54	1,300	76.33	531.96	608.29
2452050540750	4.54	1,300	76.33	531.96	608.29
2452050540760	4.54	2,599	76.33	1,063.51	1,139.84
2452050540770	4.54	1,727	76.33	706.69	783.02
2452050540780	4.54	1,727	76.33	706.69	783.02

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050540790	4.54	1,727	76.33	706.69	783.02
2452050540800	4.54	1,727	76.33	706.69	783.02
2452050540810	4.54	1,727	76.33	706.69	783.02
2452050540820	4.54	1,727	76.33	706.69	783.02
2452050540830	4.54	1,727	76.33	706.69	783.02
2452050540840	4.54	1,727	76.33	706.69	783.02
2452050540850	4.54	1,727	76.33	706.69	783.02
2452050540860	4.54	1,727	76.33	706.69	783.02
2452050540870	4.54	1,727	76.33	706.69	783.02
2452050540880	4.54	1,727	76.33	706.69	783.02
2452050540890	4.54	1,727	76.33	706.69	783.02
2452050540900	4.54	1,727	76.33	706.69	783.02
2452050540910	4.54	1,727	76.33	706.69	783.02
2452050540920	4.54	1,727	76.33	706.69	783.02
2452050540930	4.54	1,727	76.33	706.69	783.02
2452050540940	4.54	1,764	76.33	721.83	798.16
2452050550010	4.54	1,727	76.33	706.69	783.02
2452050550020	4.54	1,727	76.33	706.69	783.02
2452050550030	4.54	1,727	76.33	706.69	783.02
2452050550040	4.54	1,727	76.33	706.69	783.02
2452050550050	4.54	1,727	76.33	706.69	783.02
2452050550060	4.54	1,727	76.33	706.69	783.02
2452050550070	4.54	1,727	76.33	706.69	783.02
2452050550080	4.54	1,727	76.33	706.69	783.02
2452050550090	4.54	1,727	76.33	706.69	783.02
2452050550100	4.54	1,727	76.33	706.69	783.02
2452050550110	4.54	1,727	76.33	706.69	783.02
2452050550120	4.54	1,727	76.33	706.69	783.02
2452050550130	4.54	1,727	76.33	706.69	783.02
2452050550140	4.54	1,727	76.33	706.69	783.02
2452050550150	4.54	1,727	76.33	706.69	783.02
2452050550160	4.54	1,727	76.33	706.69	783.02
2452050550170	4.54	1,300	76.33	531.96	608.29
2452050550180	4.54	1,300	76.33	531.96	608.29
2452050550190	4.54	1,300	76.33	531.96	608.29
2452050550200	4.54	1,300	76.33	531.96	608.29
2452050550210	4.54	1,300	76.33	531.96	608.29
2452050550220	4.54	1,300	76.33	531.96	608.29
2452050550230	4.54	1,300	76.33	531.96	608.29
2452050550240	4.54	1,300	76.33	531.96	608.29
2452050550250	4.54	1,300	76.33	531.96	608.29
2452050550260	4.54	1,300	76.33	531.96	608.29
2452050550270	4.54	1,300	76.33	531.96	608.29
2452050550280	4.54	1,300	76.33	531.96	608.29
2452050550290	4.54	1,300	76.33	531.96	608.29
2452050550300	4.54	1,300	76.33	531.96	608.29
2452050550310	4.54	1,300	76.33	531.96	608.29
2452050550320	4.54	1,300	76.33	531.96	608.29
2452050550330	4.54	1,547	76.33	633.03	709.36
2452050550340	4.54	1,547	76.33	633.03	709.36
2452050550350	4.54	1,547	76.33	633.03	709.36

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050550360	4.54	1,547	76.33	633.03	709.36
2452050550370	4.54	1,547	76.33	633.03	709.36
2452050550380	4.54	1,547	76.33	633.03	709.36
2452050550390	4.54	1,547	76.33	633.03	709.36
2452050550400	4.54	1,547	76.33	633.03	709.36
2452050550410	4.54	1,547	76.33	633.03	709.36
2452050550420	4.54	1,547	76.33	633.03	709.36
2452050550430	4.54	1,547	76.33	633.03	709.36
2452050550440	4.54	1,547	76.33	633.03	709.36
2452050550450	4.54	1,547	76.33	633.03	709.36
2452050550460	4.54	1,547	76.33	633.03	709.36
2452050550470	4.54	1,547	76.33	633.03	709.36
2452050550480	4.54	1,547	76.33	633.03	709.36
2452050550490	4.54	1,547	76.33	633.03	709.36
2452050550500	4.54	1,547	76.33	633.03	709.36
2452050550510	4.54	1,547	76.33	633.03	709.36
2452050550520	4.54	1,547	76.33	633.03	709.36
2452050550530	4.54	1,547	76.33	633.03	709.36
2452050550540	4.54	1,547	76.33	633.03	709.36
2452050550550	4.54	1,547	76.33	633.03	709.36
2452050550560	4.54	1,547	76.33	633.03	709.36
2452050550570	4.54	1,547	76.33	633.03	709.36
2452050550580	4.54	1,547	76.33	633.03	709.36
2452050550590	4.54	1,547	76.33	633.03	709.36
2452050550600	4.54	1,547	76.33	633.03	709.36
2452050550610	4.54	1,547	76.33	633.03	709.36
2452050550620	4.54	1,547	76.33	633.03	709.36
2452050550630	4.54	2,599	76.33	1,063.51	1,139.84
2452050550650	4.54	1,300	76.33	531.96	608.29
2452050550660	4.54	1,300	76.33	531.96	608.29
2452050550670	4.54	1,300	76.33	531.96	608.29
2452050550680	4.54	1,300	76.33	531.96	608.29
2452050550690	4.54	1,300	76.33	531.96	608.29
2452050550700	4.54	1,300	76.33	531.96	608.29
2452050550710	4.54	1,300	76.33	531.96	608.29
2452050550720	4.54	1,300	76.33	531.96	608.29
2452050550730	4.54	1,300	76.33	531.96	608.29
2452050550740	4.54	1,300	76.33	531.96	608.29
2452050550750	4.54	1,300	76.33	531.96	608.29
2452050550760	4.54	1,300	76.33	531.96	608.29
2452050550770	4.54	1,300	76.33	531.96	608.29
2452050550780	4.54	1,300	76.33	531.96	608.29
2452050550790	4.54	823	76.33	336.77	413.10
2452050550800	4.54	1,727	76.33	706.69	783.02
2452050550810	4.54	1,727	76.33	706.69	783.02
2452050550820	4.54	1,727	76.33	706.69	783.02
2452050550830	4.54	1,727	76.33	706.69	783.02
2452050550840	4.54	1,727	76.33	706.69	783.02
2452050550850	4.54	1,727	76.33	706.69	783.02
2452050550860	4.54	1,727	76.33	706.69	783.02
2452050550870	4.54	1,727	76.33	706.69	783.02

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050550880	4.54	1,727	76.33	706.69	783.02
2452050550890	4.54	1,727	76.33	706.69	783.02
2452050550900	4.54	1,727	76.33	706.69	783.02
2452050550910	4.54	1,727	76.33	706.69	783.02
2452050550920	4.54	1,727	76.33	706.69	783.02
2452050550930	4.54	1,727	76.33	706.69	783.02
2452050550940	4.54	1,727	76.33	706.69	783.02
2452050550950	4.54	1,727	76.33	706.69	783.02
2452050550960	4.54	2,853	76.33	1,167.45	1,243.78
2452050550970	4.54	2,995	76.33	1,225.55	1,301.88
2452050550980	4.54	2,995	76.33	1,225.55	1,301.88
2452050550990	4.54	2,853	76.33	1,167.45	1,243.78
2452050551000	4.54	3,162	76.33	1,293.89	1,370.22
2452050551010	4.54	3,162	76.33	1,293.89	1,370.22
2452050560010	4.54	1,052	76.33	430.48	506.81
2452050560020	4.54	1,052	76.33	430.48	506.81
2452050560030	4.54	1,052	76.33	430.48	506.81
2452050560040	4.54	1,052	76.33	430.48	506.81
2452050560050	4.54	1,132	76.33	463.21	539.54
2452050560060	4.54	1,132	76.33	463.21	539.54
2452050560070	4.54	1,132	76.33	463.21	539.54
2452050560080	4.54	1,132	76.33	463.21	539.54
2452050560090	4.54	897	76.33	367.05	443.38
2452050560100	4.54	897	76.33	367.05	443.38
2452050560110	4.54	897	76.33	367.05	443.38
2452050560120	4.54	897	76.33	367.05	443.38
2452050560130	4.54	972	76.33	397.74	474.07
2452050560140	4.54	897	76.33	367.05	443.38
2452050560150	4.54	897	76.33	367.05	443.38
2452050560160	4.54	897	76.33	367.05	443.38
2452050560170	4.54	897	76.33	367.05	443.38
2452050560180	4.54	897	76.33	367.05	443.38
2452050560190	4.54	811	76.33	331.86	408.19
2452050560200	4.54	811	76.33	331.86	408.19
2452050560210	4.54	811	76.33	331.86	408.19
2452050560220	4.54	811	76.33	331.86	408.19
2452050560230	4.54	811	76.33	331.86	408.19
2452050560240	4.54	811	76.33	331.86	408.19
2452050560250	4.54	811	76.33	331.86	408.19
2452050560260	4.54	811	76.33	331.86	408.19
2452050560270	4.54	811	76.33	331.86	408.19
2452050560280	4.54	811	76.33	331.86	408.19
2452050560290	4.54	897	76.33	367.05	443.38
2452050560300	4.54	897	76.33	367.05	443.38
2452050560310	4.54	897	76.33	367.05	443.38
2452050560320	4.54	897	76.33	367.05	443.38
2452050560330	4.54	897	76.33	367.05	443.38
2452050560340	4.54	897	76.33	367.05	443.38
2452050560350	4.54	897	76.33	367.05	443.38
2452050560360	4.54	897	76.33	367.05	443.38
2452050560370	4.54	897	76.33	367.05	443.38

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050560380	4.54	972	76.33	397.74	474.07
2452050560390	4.54	1,287	76.33	526.64	602.97
2452050560400	4.54	1,132	76.33	463.21	539.54
2452050560410	4.54	1,132	76.33	463.21	539.54
2452050560420	4.54	1,132	76.33	463.21	539.54
2452050560430	4.54	1,052	76.33	430.48	506.81
2452050560440	4.54	1,052	76.33	430.48	506.81
2452050560450	4.54	1,052	76.33	430.48	506.81
2452050560460	4.54	1,052	76.33	430.48	506.81
2452050570010	4.54	1,640	76.33	671.09	747.42
2452050570020	4.54	1,374	76.33	562.24	638.57
2452050570030	4.54	1,374	76.33	562.24	638.57
2452050570040	4.54	1,529	76.33	625.67	702.00
2452050570050	4.54	1,529	76.33	625.67	702.00
2452050570060	4.54	1,529	76.33	625.67	702.00
2452050570070	4.54	2,116	76.33	865.87	942.20
2452050570080	4.54	2,116	76.33	865.87	942.20
2452050570090	4.54	1,374	76.33	562.24	638.57
2452050570100	4.54	1,374	76.33	562.24	638.57
2452050570110	4.54	1,374	76.33	562.24	638.57
2452050570120	4.54	1,374	76.33	562.24	638.57
2452050570130	4.54	1,374	76.33	562.24	638.57
2452050570140	4.54	1,529	76.33	625.67	702.00
2452050570150	4.54	1,529	76.33	625.67	702.00
2452050570160	4.54	1,529	76.33	625.67	702.00
2452050570170	4.54	1,529	76.33	625.67	702.00
2452050570180	4.54	1,529	76.33	625.67	702.00
2452050570190	4.54	1,275	76.33	521.73	598.06
2452050570200	4.54	1,275	76.33	521.73	598.06
2452050570210	4.54	1,275	76.33	521.73	598.06
2452050570220	4.54	1,838	76.33	752.11	828.44
2452050570230	4.54	1,529	76.33	625.67	702.00
2452050570240	4.54	1,529	76.33	625.67	702.00
2452050570250	4.54	1,529	76.33	625.67	702.00
2452050570260	4.54	1,529	76.33	625.67	702.00
2452050570270	4.54	1,529	76.33	625.67	702.00
2452050570280	4.54	1,529	76.33	625.67	702.00
2452050570290	4.54	1,275	76.33	521.73	598.06
2452050570300	4.54	1,275	76.33	521.73	598.06
2452050570310	4.54	1,275	76.33	521.73	598.06
2452050570320	4.54	1,838	76.33	752.11	828.44
2452050570330	4.54	1,529	76.33	625.67	702.00
2452050570340	4.54	1,529	76.33	625.67	702.00
2452050570350	4.54	1,529	76.33	625.67	702.00
2452050570360	4.54	1,529	76.33	625.67	702.00
2452050570370	4.54	1,529	76.33	625.67	702.00
2452050570380	4.54	1,374	76.33	562.24	638.57
2452050570390	4.54	1,374	76.33	562.24	638.57
2452050570400	4.54	1,374	76.33	562.24	638.57
2452050570410	4.54	1,374	76.33	562.24	638.57
2452050570420	4.54	1,374	76.33	562.24	638.57

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050570430	4.54	1,374	76.33	562.24	638.57
2452050570440	4.54	1,529	76.33	625.67	702.00
2452050570450	4.54	1,529	76.33	625.67	702.00
2452050570460	4.54	2,116	76.33	865.87	942.20
2452050570470	4.54	2,116	76.33	865.87	942.20
2452050570480	4.54	1,640	76.33	671.09	747.42
2452050570490	4.54	1,374	76.33	562.24	638.57
2452050570500	4.54	1,374	76.33	562.24	638.57
2452050580010	9.43	6,070	158.54	2,483.84	2,642.38
2452050580020	9.43	6,057	158.54	2,478.52	2,637.06
2452050580030	9.43	4,412	158.54	1,805.39	1,963.93
2452050580040	9.43	4,675	158.54	1,913.01	2,071.55
2452050580050	9.43	4,539	158.54	1,857.36	2,015.90
2452050580060	9.43	4,197	158.54	1,717.41	1,875.95
2452050580070	9.43	4,717	158.54	1,930.20	2,088.74
2452050580080	9.43	4,671	158.54	1,911.37	2,069.91
2452050580090	9.43	4,562	158.54	1,866.77	2,025.31
2452050580100	9.43	6,527	158.54	2,670.85	2,829.39
2452050580110	9.43	5,150	158.54	2,107.38	2,265.92
2452050580120	9.43	4,507	158.54	1,844.26	2,002.80
2452050580130	9.43	4,872	158.54	1,993.62	2,152.16
2452050580140	9.43	4,941	158.54	2,021.86	2,180.40
2452050580150	9.43	3,907	158.54	1,598.74	1,757.28
2452050580160	9.43	4,929	158.54	2,016.95	2,175.49
2452050580170	9.43	5,197	158.54	2,126.61	2,285.15
2452050580180	9.43	5,267	158.54	2,155.26	2,313.80
2452050580190	9.43	5,630	158.54	2,303.80	2,462.34
2452050580200	9.43	5,640	158.54	2,307.89	2,466.43
2452050580210	9.43	5,615	158.54	2,297.66	2,456.20
2452050590010	4.54	1,727	76.33	706.69	783.02
2452050590020	4.54	1,727	76.33	706.69	783.02
2452050590030	4.54	1,727	76.33	706.69	783.02
2452050590040	4.54	1,727	76.33	706.69	783.02
2452050590050	4.54	1,727	76.33	706.69	783.02
2452050590060	4.54	1,727	76.33	706.69	783.02
2452050590070	4.54	1,727	76.33	706.69	783.02
2452050590080	4.54	1,727	76.33	706.69	783.02
2452050590090	4.54	1,727	76.33	706.69	783.02
2452050590100	4.54	1,727	76.33	706.69	783.02
2452050590110	4.54	1,727	76.33	706.69	783.02
2452050590120	4.54	1,727	76.33	706.69	783.02
2452050590130	4.54	1,727	76.33	706.69	783.02
2452050590140	4.54	1,727	76.33	706.69	783.02
2452050590150	4.54	1,727	76.33	706.69	783.02
2452050590160	4.54	1,727	76.33	706.69	783.02
2452050590170	4.54	1,727	76.33	706.69	783.02
2452050590180	4.54	1,850	76.33	757.02	833.35
2452050590190	4.54	1,300	76.33	531.96	608.29
2452050590200	4.54	1,300	76.33	531.96	608.29
2452050590210	4.54	1,300	76.33	531.96	608.29
2452050590220	4.54	1,300	76.33	531.96	608.29

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050590230	4.54	1,300	76.33	531.96	608.29
2452050590240	4.54	1,300	76.33	531.96	608.29
2452050590250	4.54	1,300	76.33	531.96	608.29
2452050590260	4.54	1,300	76.33	531.96	608.29
2452050590270	4.54	1,300	76.33	531.96	608.29
2452050590280	4.54	1,300	76.33	531.96	608.29
2452050590290	4.54	1,300	76.33	531.96	608.29
2452050590300	4.54	1,300	76.33	531.96	608.29
2452050590310	4.54	1,300	76.33	531.96	608.29
2452050590320	4.54	1,300	76.33	531.96	608.29
2452050590330	4.54	1,300	76.33	531.96	608.29
2452050590340	4.54	1,300	76.33	531.96	608.29
2452050590350	4.54	1,300	76.33	531.96	608.29
2452050590360	4.54	1,547	76.33	633.03	709.36
2452050590370	4.54	1,547	76.33	633.03	709.36
2452050590380	4.54	1,547	76.33	633.03	709.36
2452050590390	4.54	1,547	76.33	633.03	709.36
2452050590400	4.54	1,547	76.33	633.03	709.36
2452050590410	4.54	1,547	76.33	633.03	709.36
2452050590420	4.54	1,547	76.33	633.03	709.36
2452050590430	4.54	1,547	76.33	633.03	709.36
2452050590440	4.54	1,547	76.33	633.03	709.36
2452050590450	4.54	1,547	76.33	633.03	709.36
2452050590460	4.54	1,547	76.33	633.03	709.36
2452050590470	4.54	1,547	76.33	633.03	709.36
2452050590480	4.54	1,547	76.33	633.03	709.36
2452050590490	4.54	2,847	76.33	1,164.99	1,241.32
2452050590500	4.54	1,547	76.33	633.03	709.36
2452050590510	4.54	1,547	76.33	633.03	709.36
2452050590520	4.54	1,547	76.33	633.03	709.36
2452050590530	4.54	1,547	76.33	633.03	709.36
2452050590540	4.54	1,547	76.33	633.03	709.36
2452050590550	4.54	1,547	76.33	633.03	709.36
2452050590560	4.54	1,547	76.33	633.03	709.36
2452050590570	4.54	1,547	76.33	633.03	709.36
2452050590580	4.54	1,547	76.33	633.03	709.36
2452050590590	4.54	1,547	76.33	633.03	709.36
2452050590600	4.54	1,547	76.33	633.03	709.36
2452050590610	4.54	1,547	76.33	633.03	709.36
2452050590620	4.54	1,547	76.33	633.03	709.36
2452050590630	4.54	1,547	76.33	633.03	709.36
2452050590640	4.54	1,547	76.33	633.03	709.36
2452050590650	4.54	1,665	76.33	681.32	757.65
2452050590660	4.54	1,300	76.33	531.96	608.29
2452050590670	4.54	1,300	76.33	531.96	608.29
2452050590680	4.54	1,300	76.33	531.96	608.29
2452050590690	4.54	1,300	76.33	531.96	608.29
2452050590700	4.54	1,300	76.33	531.96	608.29
2452050590710	4.54	1,300	76.33	531.96	608.29
2452050590720	4.54	1,300	76.33	531.96	608.29
2452050590730	4.54	1,300	76.33	531.96	608.29

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050590740	4.54	1,300	76.33	531.96	608.29
2452050590750	4.54	1,300	76.33	531.96	608.29
2452050590760	4.54	1,300	76.33	531.96	608.29
2452050590770	4.54	1,300	76.33	531.96	608.29
2452050590780	4.54	1,300	76.33	531.96	608.29
2452050590790	4.54	1,411	76.33	577.38	653.71
2452050590800	4.54	823	76.33	336.77	413.10
2452050590810	4.54	1,720	76.33	703.82	780.15
2452050590820	4.54	1,720	76.33	703.82	780.15
2452050590830	4.54	1,720	76.33	703.82	780.15
2452050590840	4.54	1,720	76.33	703.82	780.15
2452050590850	4.54	1,720	76.33	703.82	780.15
2452050590860	4.54	1,720	76.33	703.82	780.15
2452050590870	4.54	1,720	76.33	703.82	780.15
2452050590880	4.54	1,720	76.33	703.82	780.15
2452050590890	4.54	1,720	76.33	703.82	780.15
2452050590900	4.54	1,720	76.33	703.82	780.15
2452050590910	4.54	1,720	76.33	703.82	780.15
2452050590920	4.54	1,720	76.33	703.82	780.15
2452050590930	4.54	1,720	76.33	703.82	780.15
2452050590940	4.54	1,795	76.33	734.51	810.84
2452050600010	4.54	1,542	76.33	630.99	707.32
2452050600020	4.54	1,542	76.33	630.99	707.32
2452050600030	4.54	1,542	76.33	630.99	707.32
2452050600040	4.54	1,542	76.33	630.99	707.32
2452050600050	4.54	1,542	76.33	630.99	707.32
2452050600060	4.54	1,542	76.33	630.99	707.32
2452050600070	4.54	1,542	76.33	630.99	707.32
2452050600080	4.54	1,542	76.33	630.99	707.32
2452050600090	4.54	1,542	76.33	630.99	707.32
2452050600100	4.54	1,542	76.33	630.99	707.32
2452050600110	4.54	1,542	76.33	630.99	707.32
2452050600120	4.54	1,542	76.33	630.99	707.32
2452050600130	4.54	1,542	76.33	630.99	707.32
2452050600140	4.54	1,542	76.33	630.99	707.32
2452050600150	4.54	1,542	76.33	630.99	707.32
2452050600160	4.54	1,542	76.33	630.99	707.32
2452050600170	4.54	1,542	76.33	630.99	707.32
2452050600180	4.54	1,542	76.33	630.99	707.32
2452050600190	4.54	1,542	76.33	630.99	707.32
2452050600200	4.54	1,542	76.33	630.99	707.32
2452050600210	4.54	1,542	76.33	630.99	707.32
2452050600220	4.54	1,542	76.33	630.99	707.32
2452050600230	4.54	1,542	76.33	630.99	707.32
2452050600240	4.54	1,417	76.33	579.84	656.17
2452050600250	4.54	1,417	76.33	579.84	656.17
2452050600260	4.54	1,417	76.33	579.84	656.17
2452050600270	4.54	1,417	76.33	579.84	656.17
2452050600280	4.54	1,417	76.33	579.84	656.17
2452050600290	4.54	1,417	76.33	579.84	656.17
2452050600300	4.54	1,417	76.33	579.84	656.17

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050600310	4.54	1,417	76.33	579.84	656.17
2452050600320	4.54	1,417	76.33	579.84	656.17
2452050600330	4.54	1,417	76.33	579.84	656.17
2452050600340	4.54	1,417	76.33	579.84	656.17
2452050600350	4.54	1,436	76.33	587.61	663.94
2452050600360	4.54	1,436	76.33	587.61	663.94
2452050600370	4.54	1,436	76.33	587.61	663.94
2452050600380	4.54	1,436	76.33	587.61	663.94
2452050600390	4.54	1,436	76.33	587.61	663.94
2452050600400	4.54	1,436	76.33	587.61	663.94
2452050600410	4.54	1,436	76.33	587.61	663.94
2452050600420	4.54	1,436	76.33	587.61	663.94
2452050600430	4.54	1,436	76.33	587.61	663.94
2452050600440	4.54	1,436	76.33	587.61	663.94
2452050600450	4.54	1,436	76.33	587.61	663.94
2452050600460	4.54	1,144	76.33	468.12	544.45
2452050600470	4.54	1,144	76.33	468.12	544.45
2452050600480	4.54	1,144	76.33	468.12	544.45
2452050600490	4.54	1,144	76.33	468.12	544.45
2452050600500	4.54	1,144	76.33	468.12	544.45
2452050600510	4.54	1,144	76.33	468.12	544.45
2452050600520	4.54	1,144	76.33	468.12	544.45
2452050600530	4.54	1,144	76.33	468.12	544.45
2452050600540	4.54	1,144	76.33	468.12	544.45
2452050600550	4.54	1,144	76.33	468.12	544.45
2452050600560	4.54	1,144	76.33	468.12	544.45
2452050600570	4.54	1,144	76.33	468.12	544.45
2452050600580	4.54	1,144	76.33	468.12	544.45
2452050600590	4.54	1,144	76.33	468.12	544.45
2452050600600	4.54	1,144	76.33	468.12	544.45
2452050600610	4.54	1,144	76.33	468.12	544.45
2452050600620	4.54	1,144	76.33	468.12	544.45
2452050600630	4.54	1,144	76.33	468.12	544.45
2452050600640	4.54	1,144	76.33	468.12	544.45
2452050600650	4.54	1,144	76.33	468.12	544.45
2452050600660	4.54	964	76.33	394.47	470.80
2452050600670	4.54	1,237	76.33	506.18	582.51
2452050600680	4.54	1,108	76.33	453.39	529.72
2452050600690	4.54	1,108	76.33	453.39	529.72
2452050600700	4.54	1,108	76.33	453.39	529.72
2452050600710	4.54	1,108	76.33	453.39	529.72
2452050600720	4.54	1,108	76.33	453.39	529.72
2452050600730	4.54	1,108	76.33	453.39	529.72
2452050600740	4.54	1,108	76.33	453.39	529.72
2452050600750	4.54	1,108	76.33	453.39	529.72
2452050600760	4.54	1,108	76.33	453.39	529.72
2452050600770	4.54	1,108	76.33	453.39	529.72
2452050600780	4.54	1,237	76.33	506.18	582.51
2452050600790	4.54	1,108	76.33	453.39	529.72
2452050600800	4.54	1,108	76.33	453.39	529.72
2452050600810	4.54	1,108	76.33	453.39	529.72

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050600820	4.54	1,108	76.33	453.39	529.72
2452050600830	4.54	1,108	76.33	453.39	529.72
2452050600840	4.54	1,108	76.33	453.39	529.72
2452050600850	4.54	1,108	76.33	453.39	529.72
2452050600860	4.54	1,108	76.33	453.39	529.72
2452050600870	4.54	1,108	76.33	453.39	529.72
2452050600880	4.54	1,108	76.33	453.39	529.72
2452050600890	4.54	2,088	76.33	854.41	930.74
2452050600900	4.54	2,088	76.33	854.41	930.74
2452050600910	4.54	1,436	76.33	587.61	663.94
2452050600920	4.54	1,144	76.33	468.12	544.45
2452050600930	4.54	1,144	76.33	468.12	544.45
2452050600940	4.54	1,108	76.33	453.39	529.72
2452050600950	4.54	1,108	76.33	453.39	529.72
2452050600960	4.54	3,747	76.33	1,533.27	1,609.60
2452050600980	4.54	1,436	76.33	587.61	663.94
2452050600990	4.54	1,144	76.33	468.12	544.45
2452050601000	4.54	1,144	76.33	468.12	544.45
2452050601010	4.54	1,725	76.33	705.87	782.20
2452050610010	4.54	1,759	76.33	719.78	796.11
2452050610020	4.54	1,759	76.33	719.78	796.11
2452050610030	4.54	1,759	76.33	719.78	796.11
2452050610040	4.54	1,759	76.33	719.78	796.11
2452050610050	4.54	1,759	76.33	719.78	796.11
2452050610060	4.54	1,759	76.33	719.78	796.11
2452050610070	4.54	1,759	76.33	719.78	796.11
2452050610080	4.54	3,951	76.33	1,616.75	1,693.08
2452050610090	4.54	3,951	76.33	1,616.75	1,693.08
2452050610100	4.54	3,951	76.33	1,616.75	1,693.08
2452050610110	4.54	3,951	76.33	1,616.75	1,693.08
2452050610120	4.54	3,951	76.33	1,616.75	1,693.08
2452050610130	4.54	3,951	76.33	1,616.75	1,693.08
2452050610140	4.54	3,951	76.33	1,616.75	1,693.08
2452050610150	4.54	3,951	76.33	1,616.75	1,693.08
2452050610160	4.54	3,951	76.33	1,616.75	1,693.08
2452050610170	4.54	3,951	76.33	1,616.75	1,693.08
2452050610180	4.54	3,951	76.33	1,616.75	1,693.08
2452050610190	4.54	3,951	76.33	1,616.75	1,693.08
2452050610200	4.54	3,951	76.33	1,616.75	1,693.08
2452050610210	4.54	3,951	76.33	1,616.75	1,693.08
2452050610220	4.54	1,759	76.33	719.78	796.11
2452050610230	4.54	1,759	76.33	719.78	796.11
2452050610240	4.54	1,759	76.33	719.78	796.11
2452050610250	4.54	1,759	76.33	719.78	796.11
2452050610260	4.54	1,759	76.33	719.78	796.11
2452050610270	4.54	1,759	76.33	719.78	796.11
2452050610280	4.54	1,759	76.33	719.78	796.11
2452050610290	4.54	7,357	76.33	3,010.48	3,086.81
2452050610300	4.54	7,357	76.33	3,010.48	3,086.81
2452050610310	4.54	7,357	76.33	3,010.48	3,086.81
2452050610320	4.54	7,357	76.33	3,010.48	3,086.81

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050610330	4.54	7,357	76.33	3,010.48	3,086.81
2452050610340	4.54	7,357	76.33	3,010.48	3,086.81
2452050610350	4.54	7,716	76.33	3,157.39	3,233.72
2452050610360	4.54	1,871	76.33	765.61	841.94
2452050610370	4.54	1,871	76.33	765.61	841.94
2452050610380	4.54	1,871	76.33	765.61	841.94
2452050610390	4.54	1,871	76.33	765.61	841.94
2452050610400	4.54	1,871	76.33	765.61	841.94
2452050610410	4.54	1,871	76.33	765.61	841.94
2452050610420	4.54	1,759	76.33	719.78	796.11
2452050610430	4.54	1,759	76.33	719.78	796.11
2452050610440	4.54	1,759	76.33	719.78	796.11
2452050610450	4.54	1,759	76.33	719.78	796.11
2452050610460	4.54	1,759	76.33	719.78	796.11
2452050610470	4.54	1,759	76.33	719.78	796.11
2452050610480	4.54	1,759	76.33	719.78	796.11
2452050610490	4.54	3,951	76.33	1,616.75	1,693.08
2452050610500	4.54	3,951	76.33	1,616.75	1,693.08
2452050610510	4.54	3,951	76.33	1,616.75	1,693.08
2452050610520	4.54	3,951	76.33	1,616.75	1,693.08
2452050610530	4.54	3,951	76.33	1,616.75	1,693.08
2452050610540	4.54	3,951	76.33	1,616.75	1,693.08
2452050610550	4.54	3,951	76.33	1,616.75	1,693.08
2452050610560	4.54	3,951	76.33	1,616.75	1,693.08
2452050610570	4.54	3,951	76.33	1,616.75	1,693.08
2452050610580	4.54	3,951	76.33	1,616.75	1,693.08
2452050610590	4.54	3,951	76.33	1,616.75	1,693.08
2452050610600	4.54	3,951	76.33	1,616.75	1,693.08
2452050610610	4.54	3,951	76.33	1,616.75	1,693.08
2452050610620	4.54	3,951	76.33	1,616.75	1,693.08
2452050610630	4.54	1,750	76.33	716.10	792.43
2452050610640	4.54	1,750	76.33	716.10	792.43
2452050610650	4.54	1,750	76.33	716.10	792.43
2452050610660	4.54	1,750	76.33	716.10	792.43
2452050610670	4.54	1,750	76.33	716.10	792.43
2452050610680	4.54	1,750	76.33	716.10	792.43
2452050610690	4.54	1,750	76.33	716.10	792.43
2452050610700	4.54	1,750	76.33	716.10	792.43
2452050610710	4.54	1,750	76.33	716.10	792.43
2452050610720	4.54	1,750	76.33	716.10	792.43
2452050610730	4.54	1,750	76.33	716.10	792.43
2452050610740	4.54	1,750	76.33	716.10	792.43
2452050610750	4.54	1,750	76.33	716.10	792.43
2452050610760	4.54	1,750	76.33	716.10	792.43
2452050610770	4.54	3,951	76.33	1,616.75	1,693.08
2452050610780	4.54	3,951	76.33	1,616.75	1,693.08
2452050610790	4.54	3,951	76.33	1,616.75	1,693.08
2452050610800	4.54	3,951	76.33	1,616.75	1,693.08
2452050610810	4.54	3,951	76.33	1,616.75	1,693.08
2452050610820	4.54	3,951	76.33	1,616.75	1,693.08
2452050610830	4.54	3,951	76.33	1,616.75	1,693.08

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050610840	4.54	4,156	76.33	1,700.64	1,776.97
2452050610850	4.54	4,156	76.33	1,700.64	1,776.97
2452050610860	4.54	4,156	76.33	1,700.64	1,776.97
2452050610870	4.54	4,156	76.33	1,700.64	1,776.97
2452050610880	4.54	4,156	76.33	1,700.64	1,776.97
2452050610890	4.54	4,156	76.33	1,700.64	1,776.97
2452050610900	4.54	4,156	76.33	1,700.64	1,776.97
2452050610910	4.54	1,647	76.33	673.95	750.28
2452050610920	4.54	1,647	76.33	673.95	750.28
2452050610930	4.54	1,647	76.33	673.95	750.28
2452050610940	4.54	1,647	76.33	673.95	750.28
2452050610950	4.54	1,647	76.33	673.95	750.28
2452050610960	4.54	1,647	76.33	673.95	750.28
2452050610970	4.54	1,647	76.33	673.95	750.28
2452050610980	4.54	1,647	76.33	673.95	750.28
2452050610990	4.54	1,647	76.33	673.95	750.28
2452050611000	4.54	1,647	76.33	673.95	750.28
2452050611010	4.54	1,647	76.33	673.95	750.28
2452050611020	4.54	1,647	76.33	673.95	750.28
2452050611030	4.54	1,647	76.33	673.95	750.28
2452050611040	4.54	1,647	76.33	673.95	750.28
2452050611050	4.54	2,085	76.33	853.18	929.51
2452050611060	4.54	2,085	76.33	853.18	929.51
2452050611070	4.54	2,085	76.33	853.18	929.51
2452050611080	4.54	2,085	76.33	853.18	929.51
2452050611090	4.54	2,085	76.33	853.18	929.51
2452050611100	4.54	2,085	76.33	853.18	929.51
2452050611110	4.54	2,085	76.33	853.18	929.51
2452050611120	4.54	2,476	76.33	1,013.18	1,089.51
2452050611130	4.54	2,476	76.33	1,013.18	1,089.51
2452050611140	4.54	2,476	76.33	1,013.18	1,089.51
2452050611150	4.54	2,476	76.33	1,013.18	1,089.51
2452050611160	4.54	2,476	76.33	1,013.18	1,089.51
2452050611170	4.54	2,476	76.33	1,013.18	1,089.51
2452050611180	4.54	2,476	76.33	1,013.18	1,089.51
2452050611190	4.54	3,402	76.33	1,392.10	1,468.43
2452050611200	4.54	3,402	76.33	1,392.10	1,468.43
2452050611210	4.54	3,402	76.33	1,392.10	1,468.43
2452050611220	4.54	3,402	76.33	1,392.10	1,468.43
2452050611230	4.54	3,681	76.33	1,506.27	1,582.60
2452050611240	4.54	3,681	76.33	1,506.27	1,582.60
2452050611250	4.54	3,681	76.33	1,506.27	1,582.60
2452050611260	4.54	3,681	76.33	1,506.27	1,582.60
2452050611270	4.54	1,759	76.33	719.78	796.11
2452050611280	4.54	1,759	76.33	719.78	796.11
2452050611290	4.54	1,759	76.33	719.78	796.11
2452050611300	4.54	1,759	76.33	719.78	796.11
2452050611310	4.54	1,759	76.33	719.78	796.11
2452050611320	4.54	1,759	76.33	719.78	796.11
2452050611330	4.54	1,750	76.33	716.10	792.43
2452050611340	4.54	1,750	76.33	716.10	792.43

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050611350	4.54	1,750	76.33	716.10	792.43
2452050611360	4.54	1,750	76.33	716.10	792.43
2452050611370	4.54	1,750	76.33	716.10	792.43
2452050611380	4.54	1,750	76.33	716.10	792.43
2452050611390	4.54	3,639	76.33	1,489.08	1,565.41
2452050611400	4.54	3,639	76.33	1,489.08	1,565.41
2452050611410	4.54	3,639	76.33	1,489.08	1,565.41
2452050611420	4.54	3,639	76.33	1,489.08	1,565.41
2452050611430	4.54	3,639	76.33	1,489.08	1,565.41
2452050611440	4.54	1,750	76.33	716.10	792.43
2452050611450	4.54	1,750	76.33	716.10	792.43
2452050611460	4.54	1,750	76.33	716.10	792.43
2452050611470	4.54	1,750	76.33	716.10	792.43
2452050611480	4.54	1,750	76.33	716.10	792.43
2452050611490	4.54	1,750	76.33	716.10	792.43
2452050611500	4.54	1,750	76.33	716.10	792.43
2452050611510	4.54	1,750	76.33	716.10	792.43
2452050611520	4.54	1,750	76.33	716.10	792.43
2452050611530	4.54	1,750	76.33	716.10	792.43
2452050611540	4.54	3,951	76.33	1,616.75	1,693.08
2452050611550	4.54	3,951	76.33	1,616.75	1,693.08
2452050611560	4.54	3,951	76.33	1,616.75	1,693.08
2452050611570	4.54	3,951	76.33	1,616.75	1,693.08
2452050611580	4.54	3,951	76.33	1,616.75	1,693.08
2452050611590	4.54	1,750	76.33	716.10	792.43
2452050611600	4.54	1,750	76.33	716.10	792.43
2452050611610	4.54	1,750	76.33	716.10	792.43
2452050611620	4.54	1,750	76.33	716.10	792.43
2452050611630	4.54	3,951	76.33	1,616.75	1,693.08
2452050611640	4.54	3,951	76.33	1,616.75	1,693.08
2452050611650	4.54	3,951	76.33	1,616.75	1,693.08
2452050611660	4.54	3,951	76.33	1,616.75	1,693.08
2452050611670	4.54	3,951	76.33	1,616.75	1,693.08
2452050611680	4.54	3,951	76.33	1,616.75	1,693.08
2452050611690	4.54	1,750	76.33	716.10	792.43
2452050611700	4.54	1,750	76.33	716.10	792.43
2452050611710	4.54	1,750	76.33	716.10	792.43
2452050611720	4.54	1,750	76.33	716.10	792.43
2452050611730	4.54	1,759	76.33	719.78	796.11
2452050611740	4.54	1,759	76.33	719.78	796.11
2452050611750	4.54	1,759	76.33	719.78	796.11
2452050611760	4.54	1,759	76.33	719.78	796.11
2452050611770	4.54	1,759	76.33	719.78	796.11
2452050611780	4.54	1,759	76.33	719.78	796.11
2452050611790	4.54	1,759	76.33	719.78	796.11
2452050611800	4.54	1,759	76.33	719.78	796.11
2452050611810	4.54	1,759	76.33	719.78	796.11
2452050611820	4.54	1,759	76.33	719.78	796.11
2452050611830	4.54	5,933	76.33	2,427.78	2,504.11
2452050611840	4.54	3,681	76.33	1,506.27	1,582.60
2452050611850	4.54	1,750	76.33	716.10	792.43

Folio	Trips Generated	IA Sq FT		Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050611860	4.54		1,750	76.33	716.10	792.43
2452050611870	4.54		1,750	76.33	716.10	792.43
2452050611880	4.54		1,759	76.33	719.78	796.11
2452050611890	4.54		-	76.33	-	76.33
2452050620010	330.80		33,012	5,561.61	13,508.51	19,070.12
2452050630010	60.08		5,367	1,010.02	2,196.33	3,206.35
2452050630020	989.13		88,373	16,629.76	36,162.25	52,792.01
2452050630030	33.78		3,018	567.85	1,234.81	1,802.66
2452050630040	34.25		3,060	575.83	1,252.17	1,828.00
2452050630050	45.15		4,034	759.09	1,650.68	2,409.77
2452050630060	46.20		4,128	776.74	1,689.06	2,465.80
2452050630070	44.70		3,994	751.52	1,634.22	2,385.74
2452050630080	67.43		6,024	1,133.59	2,465.05	3,598.64
2452050630090	28.08		2,508	472.01	1,026.42	1,498.43
2452050630100	68.68		6,136	1,154.61	2,510.75	3,665.36
2452050630110	22.35		1,997	375.76	817.11	1,192.87
2452050630120	22.58		2,017	379.54	825.34	1,204.88
2452050630130	22.58		2,017	379.54	825.34	1,204.88
2452050630140	21.85		1,952	367.36	798.83	1,166.19
2452050630150	67.13		5,997	1,128.55	2,454.08	3,582.63
2452050630160	44.55		3,980	749.00	1,628.74	2,377.74
2452050630170	74.63		6,667	1,254.64	2,728.28	3,982.92
2452050630180	83.93		7,498	1,411.00	3,068.28	4,479.28
2452050630190	26.23		2,343	440.91	958.78	1,399.69
2452050630200	18.80		1,680	316.08	687.32	1,003.40
2452050630210	26.23		2,343	440.91	958.78	1,399.69
2452050630220	26.38		2,356	443.43	964.27	1,407.70
2452050630230	26.45		2,363	444.69	967.01	1,411.70
2452050630240	26.28		2,348	441.75	960.61	1,402.36
2452050630250	300.00		2,680	5,043.78	1,096.80	6,140.58
2452050640010	4.54		1,520	76.33	621.98	698.31
2452050640020	4.54		1,409	76.33	576.56	652.89
2452050640030	4.54		1,520	76.33	621.98	698.31
2452050640040	4.54		1,345	76.33	550.37	626.70
2452050640050	4.54		1,345	76.33	550.37	626.70
2452050640060	4.54		1,345	76.33	550.37	626.70
2452050640070	4.54		1,345	76.33	550.37	626.70
2452050640080	4.54		1,345	76.33	550.37	626.70
2452050640090	4.54		1,345	76.33	550.37	626.70
2452050640100	4.54		1,345	76.33	550.37	626.70
2452050640110	4.54		1,345	76.33	550.37	626.70
2452050640120	4.54		1,345	76.33	550.37	626.70
2452050640130	4.54		1,345	76.33	550.37	626.70
2452050640140	4.54		1,345	76.33	550.37	626.70
2452050640150	4.54		1,456	76.33	595.80	672.13
2452050640160	4.54		1,553	76.33	635.49	711.82
2452050640170	4.54		1,553	76.33	635.49	711.82
2452050640180	4.54		1,553	76.33	635.49	711.82
2452050640190	4.54		1,553	76.33	635.49	711.82
2452050640200	4.54		1,553	76.33	635.49	711.82
2452050640210	4.54		1,553	76.33	635.49	711.82

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050640220	4.54	1,553	76.33	635.49	711.82
2452050640230	4.54	1,553	76.33	635.49	711.82
2452050640240	4.54	1,553	76.33	635.49	711.82
2452050640250	4.54	1,553	76.33	635.49	711.82
2452050640260	4.54	1,553	76.33	635.49	711.82
2452050640270	4.54	1,553	76.33	635.49	711.82
2452050640280	4.54	1,553	76.33	635.49	711.82
2452050640290	4.54	1,623	76.33	664.13	740.46
2452050640300	4.54	2,095	76.33	857.27	933.60
2452050640310	4.54	1,612	76.33	659.63	735.96
2452050640320	4.54	1,612	76.33	659.63	735.96
2452050640330	4.54	1,612	76.33	659.63	735.96
2452050640340	4.54	1,612	76.33	659.63	735.96
2452050640350	4.54	1,612	76.33	659.63	735.96
2452050640360	4.54	1,612	76.33	659.63	735.96
2452050640370	4.54	1,612	76.33	659.63	735.96
2452050640380	4.54	1,612	76.33	659.63	735.96
2452050640390	4.54	1,612	76.33	659.63	735.96
2452050640400	4.54	1,612	76.33	659.63	735.96
2452050640410	4.54	1,612	76.33	659.63	735.96
2452050640420	4.54	1,612	76.33	659.63	735.96
2452050640430	4.54	1,682	76.33	688.27	764.60
2452050640440	4.54	1,553	76.33	635.49	711.82
2452050640450	4.54	1,553	76.33	635.49	711.82
2452050640460	4.54	1,553	76.33	635.49	711.82
2452050640470	4.54	1,553	76.33	635.49	711.82
2452050640480	4.54	1,553	76.33	635.49	711.82
2452050640490	4.54	1,553	76.33	635.49	711.82
2452050640500	4.54	1,553	76.33	635.49	711.82
2452050640510	4.54	1,553	76.33	635.49	711.82
2452050640520	4.54	1,553	76.33	635.49	711.82
2452050640530	4.54	1,553	76.33	635.49	711.82
2452050640540	4.54	1,553	76.33	635.49	711.82
2452050640550	4.54	1,553	76.33	635.49	711.82
2452050640560	4.54	1,553	76.33	635.49	711.82
2452050640570	4.54	1,908	76.33	780.75	857.08
2452050640580	4.54	1,908	76.33	780.75	857.08
2452050640590	4.54	1,908	76.33	780.75	857.08
2452050640600	4.54	1,908	76.33	780.75	857.08
2452050640610	4.54	1,908	76.33	780.75	857.08
2452050640620	4.54	1,908	76.33	780.75	857.08
2452050640630	4.54	1,908	76.33	780.75	857.08
2452050640640	4.54	1,908	76.33	780.75	857.08
2452050640650	4.54	1,908	76.33	780.75	857.08
2452050640660	4.54	1,908	76.33	780.75	857.08
2452050640670	4.54	1,908	76.33	780.75	857.08
2452050640680	4.54	1,908	76.33	780.75	857.08
2452050640690	4.54	1,908	76.33	780.75	857.08
2452050640700	4.54	2,469	76.33	1,010.31	1,086.64
2452050640710	4.54	1,908	76.33	780.75	857.08
2452050640720	4.54	1,908	76.33	780.75	857.08

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050640730	4.54	1,908	76.33	780.75	857.08
2452050640740	4.54	1,908	76.33	780.75	857.08
2452050640750	4.54	1,908	76.33	780.75	857.08
2452050640760	4.54	1,908	76.33	780.75	857.08
2452050640770	4.54	1,908	76.33	780.75	857.08
2452050640780	4.54	1,908	76.33	780.75	857.08
2452050640790	4.54	1,908	76.33	780.75	857.08
2452050640800	4.54	1,908	76.33	780.75	857.08
2452050640810	4.54	1,908	76.33	780.75	857.08
2452050640820	4.54	1,908	76.33	780.75	857.08
2452050640830	4.54	1,998	76.33	817.58	893.91
2452050640840	4.54	2,216	76.33	906.79	983.12
2452050640850	4.54	2,216	76.33	906.79	983.12
2452050640860	4.54	2,216	76.33	906.79	983.12
2452050640870	4.54	2,216	76.33	906.79	983.12
2452050640880	4.54	2,216	76.33	906.79	983.12
2452050640890	4.54	2,216	76.33	906.79	983.12
2452050640900	4.54	2,216	76.33	906.79	983.12
2452050640910	4.54	2,216	76.33	906.79	983.12
2452050640920	4.54	2,216	76.33	906.79	983.12
2452050640930	4.54	2,216	76.33	906.79	983.12
2452050640940	4.54	2,216	76.33	906.79	983.12
2452050640950	4.54	2,216	76.33	906.79	983.12
2452050640960	4.54	2,216	76.33	906.79	983.12
2452050640970	4.54	2,320	76.33	949.34	1,025.67
2452050640980	4.54	4,074	76.33	1,667.08	1,743.41
2452050640990	4.54	3,222	76.33	1,318.44	1,394.77
2452050641000	4.54	3,222	76.33	1,318.44	1,394.77
2452050641010	4.54	3,222	76.33	1,318.44	1,394.77
2452050641020	4.54	3,222	76.33	1,318.44	1,394.77
2452050641030	4.54	3,222	76.33	1,318.44	1,394.77
2452050641040	4.54	3,222	76.33	1,318.44	1,394.77
2452050641050	4.54	3,222	76.33	1,318.44	1,394.77
2452050641060	4.54	3,222	76.33	1,318.44	1,394.77
2452050641070	4.54	3,222	76.33	1,318.44	1,394.77
2452050641080	4.54	3,222	76.33	1,318.44	1,394.77
2452050641090	4.54	3,222	76.33	1,318.44	1,394.77
2452050641100	4.54	3,222	76.33	1,318.44	1,394.77
2452050641110	4.54	3,373	76.33	1,380.23	1,456.56
2452050660010	4.54	4,279	76.33	1,750.97	1,827.30
2452050660020	4.54	3,344	76.33	1,368.36	1,444.69
2452050660030	4.54	3,344	76.33	1,368.36	1,444.69
2452050660040	4.54	3,344	76.33	1,368.36	1,444.69
2452050660050	4.54	3,344	76.33	1,368.36	1,444.69
2452050660060	4.54	3,344	76.33	1,368.36	1,444.69
2452050660070	4.54	3,344	76.33	1,368.36	1,444.69
2452050660080	4.54	3,344	76.33	1,368.36	1,444.69
2452050660090	4.54	3,344	76.33	1,368.36	1,444.69
2452050660100	4.54	3,344	76.33	1,368.36	1,444.69
2452050660110	4.54	3,344	76.33	1,368.36	1,444.69
2452050660120	4.54	3,344	76.33	1,368.36	1,444.69

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050660130	4.54	3,344	76.33	1,368.36	1,444.69
2452050660140	4.54	3,376	76.33	1,381.46	1,457.79
2452050660150	4.54	2,216	76.33	906.79	983.12
2452050660160	4.54	2,216	76.33	906.79	983.12
2452050660170	4.54	2,216	76.33	906.79	983.12
2452050660180	4.54	2,216	76.33	906.79	983.12
2452050660190	4.54	2,216	76.33	906.79	983.12
2452050660200	4.54	2,216	76.33	906.79	983.12
2452050660210	4.54	2,216	76.33	906.79	983.12
2452050660220	4.54	2,216	76.33	906.79	983.12
2452050660230	4.54	2,216	76.33	906.79	983.12
2452050660240	4.54	2,216	76.33	906.79	983.12
2452050660250	4.54	2,216	76.33	906.79	983.12
2452050660260	4.54	2,216	76.33	906.79	983.12
2452050660270	4.54	2,216	76.33	906.79	983.12
2452050660280	4.54	2,320	76.33	949.34	1,025.67
2452050660290	4.54	2,506	76.33	1,025.46	1,101.79
2452050660300	4.54	1,908	76.33	780.75	857.08
2452050660310	4.54	1,908	76.33	780.75	857.08
2452050660320	4.54	1,908	76.33	780.75	857.08
2452050660330	4.54	1,908	76.33	780.75	857.08
2452050660340	4.54	1,908	76.33	780.75	857.08
2452050660350	4.54	1,908	76.33	780.75	857.08
2452050660360	4.54	1,908	76.33	780.75	857.08
2452050660370	4.54	1,908	76.33	780.75	857.08
2452050660380	4.54	1,908	76.33	780.75	857.08
2452050660390	4.54	1,908	76.33	780.75	857.08
2452050660400	4.54	1,908	76.33	780.75	857.08
2452050660410	4.54	1,908	76.33	780.75	857.08
2452050660420	4.54	2,017	76.33	825.36	901.69
2452050660430	4.54	1,908	76.33	780.75	857.08
2452050660440	4.54	1,908	76.33	780.75	857.08
2452050660450	4.54	1,908	76.33	780.75	857.08
2452050660460	4.54	1,908	76.33	780.75	857.08
2452050660470	4.54	1,908	76.33	780.75	857.08
2452050660480	4.54	1,908	76.33	780.75	857.08
2452050660490	4.54	1,908	76.33	780.75	857.08
2452050660500	4.54	1,908	76.33	780.75	857.08
2452050660510	4.54	1,908	76.33	780.75	857.08
2452050660520	4.54	1,908	76.33	780.75	857.08
2452050660530	4.54	1,908	76.33	780.75	857.08
2452050660540	4.54	1,908	76.33	780.75	857.08
2452050660550	4.54	1,908	76.33	780.75	857.08
2452050660560	4.54	1,553	76.33	635.49	711.82
2452050660570	4.54	1,553	76.33	635.49	711.82
2452050660580	4.54	1,553	76.33	635.49	711.82
2452050660590	4.54	1,553	76.33	635.49	711.82
2452050660600	4.54	1,553	76.33	635.49	711.82
2452050660610	4.54	1,553	76.33	635.49	711.82
2452050660620	4.54	1,553	76.33	635.49	711.82
2452050660630	4.54	1,553	76.33	635.49	711.82

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050660640	4.54	1,553	76.33	635.49	711.82
2452050660650	4.54	1,553	76.33	635.49	711.82
2452050660660	4.54	1,553	76.33	635.49	711.82
2452050660670	4.54	1,553	76.33	635.49	711.82
2452050660680	4.54	1,553	76.33	635.49	711.82
2452050660690	4.54	2,098	76.33	858.50	934.83
2452050660700	4.54	1,612	76.33	659.63	735.96
2452050660710	4.54	1,612	76.33	659.63	735.96
2452050660720	4.54	1,612	76.33	659.63	735.96
2452050660730	4.54	1,612	76.33	659.63	735.96
2452050660740	4.54	1,612	76.33	659.63	735.96
2452050660750	4.54	1,612	76.33	659.63	735.96
2452050660760	4.54	1,612	76.33	659.63	735.96
2452050660770	4.54	1,612	76.33	659.63	735.96
2452050660780	4.54	1,612	76.33	659.63	735.96
2452050660790	4.54	1,612	76.33	659.63	735.96
2452050660800	4.54	1,612	76.33	659.63	735.96
2452050660810	4.54	1,612	76.33	659.63	735.96
2452050660820	4.54	1,682	76.33	688.27	764.60
2452050660830	4.54	1,553	76.33	635.49	711.82
2452050660840	4.54	1,553	76.33	635.49	711.82
2452050660850	4.54	1,553	76.33	635.49	711.82
2452050660860	4.54	1,553	76.33	635.49	711.82
2452050660870	4.54	1,553	76.33	635.49	711.82
2452050660880	4.54	1,553	76.33	635.49	711.82
2452050660890	4.54	1,553	76.33	635.49	711.82
2452050660900	4.54	1,553	76.33	635.49	711.82
2452050660910	4.54	1,553	76.33	635.49	711.82
2452050660920	4.54	1,553	76.33	635.49	711.82
2452050660930	4.54	1,553	76.33	635.49	711.82
2452050660940	4.54	1,553	76.33	635.49	711.82
2452050660950	4.54	1,553	76.33	635.49	711.82
2452050660960	4.54	1,622	76.33	663.72	740.05
2452050660970	4.54	1,972	76.33	806.94	883.27
2452050660980	4.54	1,924	76.33	787.30	863.63
2452050660990	4.54	1,863	76.33	762.34	838.67
2452050661000	4.54	1,863	76.33	762.34	838.67
2452050661010	4.54	1,863	76.33	762.34	838.67
2452050661020	4.54	1,863	76.33	762.34	838.67
2452050661030	4.54	1,863	76.33	762.34	838.67
2452050661040	4.54	1,863	76.33	762.34	838.67
2452050661050	4.54	1,863	76.33	762.34	838.67
2452050661060	4.54	1,863	76.33	762.34	838.67
2452050661070	4.54	1,863	76.33	762.34	838.67
2452050661080	4.54	1,863	76.33	762.34	838.67
2452050661090	4.54	1,863	76.33	762.34	838.67
2452050661100	4.54	1,863	76.33	762.34	838.67
2452050661110	4.54	1,992	76.33	815.13	891.46
2452050670010	4.54	1,650	76.33	675.18	751.51
2452050670020	4.54	1,650	76.33	675.18	751.51
2452050670030	4.54	1,650	76.33	675.18	751.51

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050670040	4.54	1,545	76.33	632.21	708.54
2452050670050	4.54	1,545	76.33	632.21	708.54
2452050670060	4.54	1,545	76.33	632.21	708.54
2452050670070	4.54	1,545	76.33	632.21	708.54
2452050670080	4.54	1,345	76.33	550.37	626.70
2452050670090	4.54	1,345	76.33	550.37	626.70
2452050670100	4.54	1,345	76.33	550.37	626.70
2452050670110	4.54	1,345	76.33	550.37	626.70
2452050670120	4.54	1,721	76.33	704.23	780.56
2452050670130	4.54	1,721	76.33	704.23	780.56
2452050670140	4.54	1,721	76.33	704.23	780.56
2452050670150	4.54	1,721	76.33	704.23	780.56
2452050670160	4.54	1,345	76.33	550.37	626.70
2452050670170	4.54	1,345	76.33	550.37	626.70
2452050670180	4.54	1,345	76.33	550.37	626.70
2452050670190	4.54	1,345	76.33	550.37	626.70
2452050670200	4.54	1,545	76.33	632.21	708.54
2452050670210	4.54	1,545	76.33	632.21	708.54
2452050670220	4.54	1,545	76.33	632.21	708.54
2452050670230	4.54	1,545	76.33	632.21	708.54
2452050670240	4.54	1,345	76.33	550.37	626.70
2452050670250	4.54	1,345	76.33	550.37	626.70
2452050670260	4.54	1,345	76.33	550.37	626.70
2452050670270	4.54	1,345	76.33	550.37	626.70
2452050670280	4.54	1,660	76.33	679.27	755.60
2452050670290	4.54	1,660	76.33	679.27	755.60
2452050670300	4.54	1,660	76.33	679.27	755.60
2452050670310	4.54	1,650	76.33	675.18	751.51
2452050670320	4.54	2,148	76.33	878.96	955.29
2452050670330	4.54	1,345	76.33	550.37	626.70
2452050670340	4.54	1,721	76.33	704.23	780.56
2452050670350	4.54	1,345	76.33	550.37	626.70
2452050670360	4.54	1,545	76.33	632.21	708.54
2452050670370	4.54	2,566	76.33	1,050.01	1,126.34
2452050670380	4.54	1,660	76.33	679.27	755.60
2452050680010	4.54	2,167	76.33	886.74	963.07
2452050680020	4.54	1,926	76.33	788.12	864.45
2452050680030	4.54	1,926	76.33	788.12	864.45
2452050680040	4.54	1,926	76.33	788.12	864.45
2452050680050	4.54	1,926	76.33	788.12	864.45
2452050680060	4.54	2,084	76.33	852.77	929.10
2452050680070	4.54	1,610	76.33	658.81	735.14
2452050680080	4.54	1,610	76.33	658.81	735.14
2452050680090	4.54	1,610	76.33	658.81	735.14
2452050680100	4.54	1,610	76.33	658.81	735.14
2452050680110	4.54	1,610	76.33	658.81	735.14
2452050680120	4.54	1,629	76.33	666.59	742.92
2452050680130	4.54	1,629	76.33	666.59	742.92
2452050680140	4.54	1,629	76.33	666.59	742.92
2452050680150	4.54	1,629	76.33	666.59	742.92
2452050680160	4.54	1,629	76.33	666.59	742.92

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050680170	4.54	1,610	76.33	658.81	735.14
2452050680180	4.54	1,610	76.33	658.81	735.14
2452050680190	4.54	1,610	76.33	658.81	735.14
2452050680200	4.54	1,610	76.33	658.81	735.14
2452050680210	4.54	1,610	76.33	658.81	735.14
2452050680220	4.54	1,610	76.33	658.81	735.14
2452050680230	4.54	1,610	76.33	658.81	735.14
2452050680240	4.54	1,610	76.33	658.81	735.14
2452050680250	4.54	1,124	76.33	459.94	536.27
2452050680260	4.54	1,533	76.33	627.30	703.63
2452050680270	4.54	1,533	76.33	627.30	703.63
2452050680280	4.54	1,533	76.33	627.30	703.63
2452050680290	4.54	1,533	76.33	627.30	703.63
2452050680300	4.54	1,533	76.33	627.30	703.63
2452050680310	4.54	1,548	76.33	633.44	709.77
2452050680320	4.54	1,913	76.33	782.80	859.13
2452050680330	4.54	1,913	76.33	782.80	859.13
2452050680340	4.54	1,913	76.33	782.80	859.13
2452050680350	4.54	1,913	76.33	782.80	859.13
2452050680360	4.54	1,913	76.33	782.80	859.13
2452050680370	4.54	1,426	76.33	583.52	659.85
2452050680380	4.54	1,883	76.33	770.52	846.85
2452050680390	4.54	1,883	76.33	770.52	846.85
2452050680400	4.54	1,883	76.33	770.52	846.85
2452050680410	4.54	1,883	76.33	770.52	846.85
2452050680420	4.54	1,883	76.33	770.52	846.85
2452050680430	4.54	1,023	76.33	418.61	494.94
2452050680440	4.54	1,533	76.33	627.30	703.63
2452050680450	4.54	1,533	76.33	627.30	703.63
2452050680460	4.54	1,533	76.33	627.30	703.63
2452050680470	4.54	1,533	76.33	627.30	703.63
2452050680480	4.54	1,533	76.33	627.30	703.63
2452050680490	4.54	1,154	76.33	472.22	548.55
2452050680500	4.54	1,610	76.33	658.81	735.14
2452050680510	4.54	1,610	76.33	658.81	735.14
2452050680520	4.54	1,610	76.33	658.81	735.14
2452050680530	4.54	1,610	76.33	658.81	735.14
2452050680540	4.54	1,610	76.33	658.81	735.14
2452050680550	4.54	985	76.33	403.06	479.39
2452050680560	4.54	1,610	76.33	658.81	735.14
2452050680570	4.54	1,610	76.33	658.81	735.14
2452050680580	4.54	1,610	76.33	658.81	735.14
2452050680590	4.54	1,610	76.33	658.81	735.14
2452050680600	4.54	2,167	76.33	886.74	963.07
2452050680610	4.54	1,926	76.33	788.12	864.45
2452050680620	4.54	1,926	76.33	788.12	864.45
2452050680630	4.54	1,926	76.33	788.12	864.45
2452050680640	4.54	1,926	76.33	788.12	864.45
2452050680650	4.54	2,178	76.33	891.24	967.57
2452050680660	4.54	1,629	76.33	666.59	742.92
2452050680670	4.54	1,610	76.33	658.81	735.14

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050680680	4.54	1,610	76.33	658.81	735.14
2452050680690	4.54	1,533	76.33	627.30	703.63
2452050680700	4.54	1,913	76.33	782.80	859.13
2452050680710	4.54	1,883	76.33	770.52	846.85
2452050680720	4.54	1,533	76.33	627.30	703.63
2452050680730	4.54	1,610	76.33	658.81	735.14
2452050680740	4.54	2,178	76.33	891.24	967.57
2452050680750	4.54	1,926	76.33	788.12	864.45
2452050700010	4.54	884	76.33	361.73	438.06
2452050700020	4.54	1,055	76.33	431.71	508.04
2452050700030	4.54	870	76.33	356.00	432.33
2452050700040	4.54	613	76.33	250.84	327.17
2452050700050	4.54	794	76.33	324.90	401.23
2452050700060	4.54	794	76.33	324.90	401.23
2452050700070	4.54	755	76.33	308.95	385.28
2452050700080	4.54	912	76.33	373.19	449.52
2452050700090	4.54	784	76.33	320.81	397.14
2452050700100	4.54	823	76.33	336.77	413.10
2452050700110	4.54	862	76.33	352.73	429.06
2452050700120	4.54	786	76.33	321.63	397.96
2452050700130	4.54	823	76.33	336.77	413.10
2452050700140	4.54	868	76.33	355.19	431.52
2452050700150	4.54	786	76.33	321.63	397.96
2452050700160	4.54	755	76.33	308.95	385.28
2452050700170	4.54	912	76.33	373.19	449.52
2452050700180	4.54	799	76.33	326.95	403.28
2452050700190	4.54	597	76.33	244.29	320.62
2452050700200	4.54	794	76.33	324.90	401.23
2452050700210	4.54	794	76.33	324.90	401.23
2452050700220	4.54	884	76.33	361.73	438.06
2452050700230	4.54	1,055	76.33	431.71	508.04
2452050700240	4.54	870	76.33	356.00	432.33
2452050700250	4.54	563	76.33	230.38	306.71
2452050700260	4.54	550	76.33	225.06	301.39
2452050700270	4.54	550	76.33	225.06	301.39
2452050700280	4.54	1,220	76.33	499.22	575.55
2452050700290	4.54	1,148	76.33	469.76	546.09
2452050700300	4.54	542	76.33	221.79	298.12
2452050700310	4.54	550	76.33	225.06	301.39
2452050700320	4.54	550	76.33	225.06	301.39
2452050750010	4.54	892	76.33	365.01	441.34
2452050750020	4.54	842	76.33	344.55	420.88
2452050750030	4.54	651	76.33	266.39	342.72
2452050750040	4.54	815	76.33	333.50	409.83
2452050750050	4.54	651	76.33	266.39	342.72
2452050750060	4.54	842	76.33	344.55	420.88
2452050750070	4.54	842	76.33	344.55	420.88
2452050750080	4.54	1,016	76.33	415.75	492.08
2452050750090	4.54	842	76.33	344.55	420.88
2452050750100	4.54	842	76.33	344.55	420.88
2452050750110	4.54	1,016	76.33	415.75	492.08

Folio	Trips Generated	IA Sq FT	Maximum Base Fee	Maximum Impervious Area	Maximum Total
2452050750120	4.54	842	76.33	344.55	420.88
2452050750130	4.54	842	76.33	344.55	420.88
2452050750140	4.54	651	76.33	266.39	342.72
2452050750150	4.54	815	76.33	333.50	409.83
2452050750160	4.54	651	76.33	266.39	342.72
2452050750170	4.54	842	76.33	344.55	420.88
2452050750180	4.54	892	76.33	365.01	441.34
2452050750190	4.54	892	76.33	365.01	441.34
2452050750200	4.54	842	76.33	344.55	420.88
2452050750210	4.54	651	76.33	266.39	342.72
2452050750220	4.54	892	76.33	365.01	441.34
2452050750230	4.54	651	76.33	266.39	342.72
2452050750240	4.54	842	76.33	344.55	420.88
2452050750250	4.54	842	76.33	344.55	420.88
2452050750260	4.54	1,016	76.33	415.75	492.08
2452050750270	4.54	842	76.33	344.55	420.88
2452050750280	4.54	842	76.33	344.55	420.88
2452050750290	4.54	1,016	76.33	415.75	492.08
2452050750300	4.54	842	76.33	344.55	420.88
2452050750310	4.54	842	76.33	344.55	420.88
2452050750320	4.54	651	76.33	266.39	342.72
2452050750330	4.54	892	76.33	365.01	441.34
2452050750340	4.54	651	76.33	266.39	342.72
2452050750350	4.54	842	76.33	344.55	420.88
2452050750360	4.54	892	76.33	365.01	441.34
2452050790010	4.54	2,169	76.33	887.55	963.88
2452050790020	4.54	2,022	76.33	827.40	903.73
2452050790030	4.54	2,022	76.33	827.40	903.73
2452050790040	4.54	2,011	76.33	822.90	899.23
2452050790050	4.54	2,011	76.33	822.90	899.23
2452050790060	4.54	2,447	76.33	1,001.31	1,077.64
2452050790070	4.54	2,011	76.33	822.90	899.23
2452050790080	4.54	2,011	76.33	822.90	899.23
2452050790090	4.54	2,000	76.33	818.40	894.73
2452050790100	4.54	2,000	76.33	818.40	894.73
2452050790110	4.54	2,000	76.33	818.40	894.73
2442320041160	9.43	5,500	158.54	2,250.60	2,409.14
2442320060865	4.54	3,270	76.33	1,338.08	1,414.41
2442320062340	9.43	4,604	158.54	1,883.96	2,042.50
2442320062370	9.43	4,509	158.54	1,845.08	2,003.62
2442320180260	4.54	1,532	76.33	626.89	703.22
2442320310020	4.54	2,069	76.33	846.63	922.96
2442320320010	4.54	2,048	76.33	838.04	914.37
2452050012170	9.54	5,614	160.39	2,297.25	2,457.64

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19th, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Milling and Paving of Village Roadways Work Order

RECOMMENDATION

Request the Village Council authorizes the Village Manager to execute a work order, not to exceed $492,850, with The Stout Group LLC to perform milling and paving services across various Village roadways (see attached map). The award shall not exceed the established unit price schedule and total budget allocation.

DISCUSSION

Purpose: This work order enables the Village to conduct critical resurfacing and roadway rehabilitation projects that preserve infrastructure integrity, improve safety, and maintain drivability.

Background: The Village issued ITB No. 2025-10 to secure a qualified contractor for comprehensive milling and paving services. The scope includes full removal and replacement of asphalt, ADA-compliant restoration, and reinstallation of traffic-calming features. Four responses were received, and a thorough evaluation determined The Stout Group LLC offered the best combination of experience, responsiveness, and readiness. Metro Express Inc., a highly qualified secondary vendor, is designated as a backup contractor.

Justification: The Village's roadway network is subject to consistent vehicular use and environmental exposure, leading to natural deterioration over time. Milling and resurfacing are essential maintenance activities that extend the service life of pavement, enhance safety, and reduce long-term repair costs. The selected contractor, The Stout Group LLC, has demonstrated the capability to deliver these services efficiently and at competitive unit prices. Proceeding with this contract will ensure that critical segments of the Village's roadway infrastructure are rehabilitated promptly, in line with scheduled capital improvement priorities.

Implementation/Integration Plan: Upon Council approval, the Public Works Department will coordinate phased execution to minimize traffic disruption. Residents will be notified in advance of any work. The secondary vendor may only be activated under clear and documented conditions where the primary vendor is unable to perform.

Cost Overview by Road Segment:

- **Calusa Park:** 3,399 SY – $ 78,186

- **Cape Florida Drive:** 4,679 SY – $ 107,617
- **Knollwood Drive:** 3,154 SY – $ 72,553
- **Island Drive:** 7,750 SY – $170,498
- **Mariner Drive:** 2,782 SY – $63,995
- **Total Estimated Cost:** $492,850

These costs are based on the square yard unit pricing submitted by The Stout Group, varying by roadway size and asphalt thickness. Final costs may vary should unforeseen site conditions arise during milling or resurfacing operations.

RESOURCE IMPACT

Recurring Funding: Capital Budgets / Maintenance & Repair

FUNDING SOURCES

- **GL Code**: 301-41-541-63097
- **Budget Line-Item**: REPAVE ROADWAY VILLAGE-WIDE / Capital Projects
- **Amount**: As noted above: "Cost Overview by Segment

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

- Goal - Accessible, Connected, and Mobile Transportation Network
- Focus Area – Alleviate Traffic
- Action - Repave residential roadways to improve traffic mobility and safety and drainage

- Goal – Safe & Secure Village
- Focus Area – Maintain Safe Streets

ATTACHMENT(S)

- Milling & Repaving Segments Area Map
- Proposal - The Stout Group LLC.

Prepared by: Christopher Miranda, Public Works Director

Reviewed by: Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025- _____

A CAPITAL PROJECT AUTHORIZING RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AUTHORIZING THE VILLAGE MANAGER TO ISSUE A WORK ORDER TO THE STOUT GROUP LLC FOR ROADWAY MILLING AND PAVING IN AN AMOUNT NOT TO EXCEED $492,850; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on March 27, 2025, the Village of Key Biscayne (the "Village") issued Invitation to Bid No. 2025-10 (the "ITB") seeking bids from qualified firms for milling and paving roadway construction services (the "Services") on an as-needed basis; and

WHEREAS, on June 10, 2025, the Village Council adopted Resolution No. 2025-23, selecting The Stout Group LLC (the "Contractor") as the primary contractor to provide the Services and authorized the Village Manager to negotiate and execute an agreement with the Contractor for the Services; and

WHEREAS, on July 30, 2025, the Village entered into a contract with the Contractor for the Services (the "Agreement"); and

WHEREAS, the Village is in need of the Services for the roadways located along Calusa Park, Cape Florida Drive, Knollwood Drive, Island Drive, and Mariner Drive (collectively, the "Project"); and

WHEREAS, the Village Council desires to authorize the Village Manager to issue a work order to the Contractor for the Project in an amount not to exceed $492,850 pursuant to the terms and conditions of the Agreement; and

WHEREAS, the Village Council finds that this Capital Project Authorizing Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. **Recitals.** That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **Authorization.** That the Village Council hereby authorizes the Village Manager to issue a work order to the Contractor to provide the Services for the Project in an amount not to exceed $492,850 pursuant to the terms and conditions of the Agreement.

Section 3. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

Milling & Repaving Segments

VILLAGE OF KEY BISCAYNE, FL

LEGEND

- Calusa Park
- Cape Florida Dr
- Island Dr
- Knollwood Dr
- Mariner Dr

US Feet 0 75 150

N W E S

CREATED BY
ALVARO ZAYAS

DATE PRINTED
8/7/2025

Segment	SQFT	SQYD	Unit Cost	Estimate
Calusa Park	30,595	3,399	$ 23.00	$ 78,186
Cape Florida Dr	42,111	4,679	$ 23.00	$ 107,617
Knollwood Dr	28,390	3,154	$ 23.00	$ 72,553
Island Dr	69,749	7,750	$ 22.00	$ 170,498
Mariner Dr	25,041	2,782	$ 23.00	$ 63,995
Total	195,887	21,765		**$492,850**

EXHIBIT A

CALUSA PARK

CURTISWOOD DR

W MASHTA DR

SEAVIEW DR

ISLAND DR

CRANDON BLVD

KNOLLWOOD DR

HARBOR DR

MARINER DR

CAPE FLORIDA DR

SECTION 5. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- [x] Form 1: Response Checklist
- [x] Form 2: Addendum Acknowledgment
- [x] Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - Form 3B: Certificate of Authority (for Individuals)
- [x] Form 4: Proposer's Statement of Organization
- [x] Form 5: References
- [x] Form 6: Affidavits
  - Form 6A: Single Execution Affidavits
  - Form 6B: Independence Affidavit
  - Form 6C: Non-Collusion Affidavit
- [x] Form 7: Drug Free Workplace
- [x] Form 8: Certification to Accuracy of Proposal
- [x] Form 9: Scrutinized Companies
- [x] Form 10: Pu ic Entity Cr nes
- [x] Form 11: Dis ute Dis re
- [x] Form 12: List of Proposed Subcontractors
- [ ] Form 13: Form of Performance Bond
- [ ] Form 14: Form of Payment Bond
- [x] Form 16: Insurance and License Certificates

ATTACHMENTS

- [ ] A: Draft Contract

EXHIBITS

- [x] A: Scope of Services
- [x] B: Fee Schedule/Price Proposal
- [x] C: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
MILLING AND PAVING ROADWAYS IN VILLAGE OF KEY BISCAYNE
Solicitation No.:
ITB # 2025-10

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. 1, Dated 04/18/2025
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: The Stout Group, LLC

Authorized Representative's Name: Jose M. Sanchez

Title: Manager

Email: jsanchez@thestoutgroup.com

Phone Number: (786) 452-1481

Address: 10850 NW 138th Street Bay #3, Hialeah Gardens, FL 33018

Authorized Signature: _____

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of _____

The Stout Group, LLC

_____ a business existing under the laws of the State of Florida, (the "Entity") held on May 2, 2025, the following resolution was duly passed and adopted:

"RESOLVED, that, Jose M. Sanchez, as Manager of the Entity, be and is hereby authorized to execute this Proposal dated May 2, 2025 on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this 2 day of May, 2025.

Secretary: Yvette Zuluaga

Print Name: Yvette Zuluaga

President: _____

Print Name: Jose M. Sanchez

(Seal)

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I, N/A ("Affiant") being first duly sworn, deposes and says:

1. I am the _____

   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: _____

   _____ doing

   business as _____, the

   Contractor that has submitted the attached Proposal.

2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.

3. I am authorized to execute the Proposal dated _____, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, , will be the official act and deed of this attestation.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

ACKNOWLEDGMENT

State of Florida
County of _____

On this _____ day of _____, 20___, before me the undersigned, personally appeared _____, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   The Stout Group, LLC

2. Principal Business Address, Phone and Email Address:

   10850 NW 138th Street Bay #3, Hialeah Gardens, FL 33018

3. Principal Contact Person(s):

   Jose M. Sanchez

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):

   A. If a corporation, in what state incorporated: Florida
   B. Date Incorporated: 05/18/2012
   C. Federal ID Number (EIN) 45-5312119
   D. If a joint Venture or Partnership, date of Agreement: N/A
   E. Name and address of all partners (state whether general or limited partnership):
   F. If other than a corporation or partnership describe, organization and name of principals.

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Yvette Zuluaga	Manager
Jose M. Sanchez	Manager

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this ITB Agreement. 12 Years

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	N/A		
B.			
C.			
D.			

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. N/A
   B.

C. _____

D. _____

9. County or municipal business tax receipt number (attach copies):
   County: Miami-Dade
   Municipal: Hialeah Gardens

10. Have you ever failed to complete any work awarded to you?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

12. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

14. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any other Florida public entity?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

15. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

16. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

17. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

18. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
    Yes ____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency,

criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes ____ No X **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes ____ No X **If yes, attach a separate sheet of explanation.**

21. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** X **If yes, attach a separate sheet of explanation.**

22. Have you made a site visit? X Yes, _____ No

23. How soon after the award can you begin work? 14 Days.

24. List any licenses, permits or certifications, etc., you hold for performing this type of work:
General Contractor / CGC1507974
Underground Utility / CUC1224022
Professional Engineer / PE67764

25. **How did you hear about the ITB?** Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. _____

Signature (Blue ink only)

Jose M. Sanchez
Print Name

Manager
Title

May 2, 2025
Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 2nd day of May, 2025
by Jose M. Sanchez as Manager
(Name of person acknowledging) *(Title)*
for The Stout Group, LLC.
(Company name)
Personally known to me X or has produced Identification ____, type of identification produced _____

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Francis S. Varela
PRINT, TYPE/STAMP NAME OF NOTARY

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

FORM 5

CLIENT REFERENCES

PLEASE PRINT CLEARLY

REFERENCE #1

Name of Company: Florida Department of Transportation

Reference Contact Name: Matthew Pearson

Contact Title: Construction Project Administrator

Contact Telephone: (954) 958-7683

Contact Email: Matthew.Pearson@dot.state.fl.us

Contract Start Date: 09/2024 **Contract End Date:** Ongoing

REFERENCE #2

Name of Company: Miami Dade Water & Sewer

Reference Contact Name: Mayra Espinosa

Contact Title: W&S Paving Construction Program Manager

Contact Telephone: (786) 268-5044

Contact Email: Mayra.Espinosa@miamidade.gov

Contract Start Date: 10/2023 **Contract End Date:** Ongoing

REFERENCE #3

Name of Company: City of Miramar

Reference Contact Name: Marilyn Markwei

Contact Title: Engineering Manager

Contact Telephone: (954) 883-6806

Contact Email: mmmarkwei@miramarfl.gov

Contract Start Date: 12/2023 **Contract End Date:** Ongoing

REFERENCE #4

Name of Company: Horizon Contractors Inc.

Reference Contact Name: Xavier Salvat

Contact Title: Project Manager

Contact Telephone: (305) 828-2050

Contact Email: xs@hcimail.net

Contract Start Date: 01/2024 **Contract End Date:** 07/2024

REFERENCE #5

Name of Company: City of Hollywood

Reference Contact Name: Donnelly Chin

Contact Title: Consultant Public Utilities

Contact Telephone: (954) 921-3930

Contact Email: dchin@hollywood.org

Contract Start Date: 04/2023 **Contract End Date:** Ongoing

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Jose M. Sanchez

For (Name of Proposing or Bidding Entity): The Stout Group, LLC

Whose business address is: 10850 NW 138th Street Bay #3, Hialeah Gardens, FL 33018

And (if applicable) its Federal Employer Identification Number (FEIN) is: 45-5312119

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#: N/A)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[X] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.

CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **MILLING AND PAVING ROADWAYS IN VILLAGE OF KEY BISCAYNE** and any addendum/addenda related thereto.

2. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
3. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Witness #1 Print Name: Yvette Zuluaga

Witness #2 Print Name: _____

Signed, sealed and delivered by:

Print Name: Jose M. Sanchez

Title: Manager

ACKNOWLEDGMENT

State of Florida

County of Miami-Dade

On this 2nd day of May, 2025, before me the undersigned, personally appeared Jose M. Sanchez, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or

_____ Produced identification (Type of Identification: _____)

_____ Did take an oath; or

X Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am Manager of The Stout Group, LLC, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

Signature (Blue ink only)

Jose M. Sanchez

Print Name

Manager

Title

May 2, 2025

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 2nd day of May, 2025

by Jose M. Sanchez as Manager

(Name of person acknowledging) *(Title)*

for The Stout Group, LLC.

(Company name)

Personally known to me X or has produced Identification ____, type of identification produced____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

Francis S. Varela

PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Manager of The Stout Group, LLC, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached ITB is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

Jose M. Sanchez

Print Name

Manager

Title

May 2, 2025

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 2nd day of May, 2025

by Jose M. Sanchez as Manager
(Name of person acknowledging) *(Title)*

for The Stout Group, LLC.
(Company name)

Personally known to me X or has produced Identification ____, type of identification produced ____.

(NOTARY SEAL HERE)

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

SIGNATURE OF NOTARY PUBLIC

Francis S. Varela

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that The Stout Group, LLC does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the ITB document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the ITB or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

Jose M. Sanchez

Print Name

Manager

Title

May 2, 2025

Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 2nd day of May, 2025

by Jose M. Sanchez as Manager

(Name of person acknowledging) *(Title)*

for The Stout Group, LLC.

(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

Francis S. Varela

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the ITB and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the ITB and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Manager of The Stout Group, LLC, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 2nd day of May, 2025

by Jose M. Sanchez as Manager
(Name of person acknowledging) *(Title)*

for The Stout Group, LLC.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

SIGNATURE OF NOTARY PUBLIC
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

Jose M. Sanchez
Print Name

Manager
Title

May 2, 2025
Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 2nd day of May, 2025 by Jose M. Sanchez as Manager
(Name of person acknowledging) *(Title)*
for The Stout Group, LLC.
(Company name)

Personally known to me X or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

Notary Public State of Florida
Francis S. Varela
My Commission HH 857294
Expires 4/5/2029

SIGNATURE OF NOTARY PUBLIC

Francis S. Varela
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. ITB# 2025-10

2. This sworn statement is submitted by: The Stout Group, LLC
(name of entity submitting sworn statement)

whose business address is: 10850 NW 138 Street Bay 3

Hialeah Gardens, FL 33018

Federal Identification Number (FEIN) is: 45-5312119

(if applicable)

Social Security Number: N/A

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: Jose M. Sanchez

(print name of individual signing this document)

and my relationship to the entity is: Manager

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:
   (a) A predecessor or successor of a person or a corporation convicted of a public

entity crime; or

(b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. X Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, and (Please indicate which additional statement applies)

      1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or

affiliate from the convicted vendor list. (Please attach a copy of the final order)

3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services)

Signature

May 2, 2025
Date

STATE OF Florida)
COUNTY OF Miami-Dade)

The foregoing instrument was acknowledged before me this 2nd day of May, 2025

by Jose M. Sanchez as Manager

(Name of person acknowledging) *(Title)*

for The Stout Group, LLC.

(Company name)

Personally known to me X or has produced Identification ____, type of identification produced____.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

Francis S. Varela
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO __X_____

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO __X_____

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO __X_____

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: The Stout Group, LLC

Authorized Signature: _____

Print or Type Name: Jose M. Sanchez

Title: Manager

Date: May 2, 2025.

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
	TBD.		

Firm: The Stout Group, LLC

Authorized Signature: _____

Print or Type Name: Jose M. Sanchez

Title: Manager

Date: May 2, 2025.

FORM 15 N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

BIDDER'S REPRESENTATION

MILLING AND PAVING ROADWAYS IN VILLAGE OF KEY BISCAYNE

Proposal of The Stout Group, LLC

(Name)

10850 NW 138th Street Bay #3, Hialeah Gardens, FL 33018

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

MILLING AND PAVING ROADWAYS IN VILLAGE OF KEY BISCAYNE
("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.

The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No. E1400317

Bidder's Occupational License No. CUC1224022 / CGC1507974

WITNESS:

By: _____
Signature of Authorized Agent

[SEAL]

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☒ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

Yvette Zuluaga

Witness #1 Print Name: Yvette Zuluaga

Witness #2 Print Name: _____

Signed, sealed and delivered by:

Print Name: Jose M. Sanchez

Title: Manager

Entity Name: The Stout Group, LLC

ACKNOWLEDGMENT

State of Florida

County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 2nd day of May, 2025, by Jose M. Sanchez (name of person) as Manager (type of authority) for The Stout Group, LLC (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or

_____ Produced identification (Type of Identification: _____)

_____ Did take an oath; or

X Did not take an oath

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that:**

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of The Stout Group, LLC, a nongovernmental entity.

3. The Stout Group, LLC does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

Witness #1 Print Name: Irene Zuluaga

Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Jose M. Sanchez

Title: Manager

Entity Name: The Stout Group, LLC

OATH OR AFFIRMATION

State of Florida
County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 2nd day of May, 2025, by Jose M. Sanchez (name of person) as Manager (type of authority) for The Stout Group, LLC (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or
_____ Produced identification (Type of Identification: _____)
_____ Did take an oath; or
X Did not take an oath

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. The Stout Group, LLC ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Witness #1 Print Name: Yvette Zuluaga

Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Print Name: Jose M. Sanchez

Title: Manager

Entity Name: The Stout Group, LLC

OATH OR AFFIRMATION

State of Florida
County of Miami-Dade

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 2nd day of May, 2025, by Jose M. Sanchez (name of person) as Manager (type of authority) for The Stout Group, LLC (name of party on behalf of whom instrument is executed).

Notary Public (Print, Stamp, or Type as Commissioned)

X Personally known to me; or
_____ Produced identification (Type of Identification: _____)
_____ Did take an oath; or
X Did not take an oat

Notary Public State of Florida
Francis S. Varela
My Commission HH 657294
Expires 4/5/2029

EXHIBIT A

SCOPE OF SERVICES

The Scope of Services are those contained in the Proposal Section 2. dated 05/09/, 2025, attached hereto and incorporated herein by reference.

EXHIBIT B

VILLAGE OF KEY BISCAYNE

MILLING AND PAVING ROADWAYS IN VILLAGE OF KEY BISCAYNE

PROPOSAL SCHEDULE

NAME OF PROPOSER: The Stout Group LLC

In response to the Village's invitation to bid and in compliance with the ITB requirements, the undersigned bidder to provide all labor, materials and equipment, all supervision, coordination, all related incidentals necessary to **MILLING AND PAVING ROADWAYS IN VILLAGE OF KEY BISACYNE** located at the Village of Key Biscayne, Florida.

In strict accordance with the Bid Documents dated 5/7/25 including Addenda numbered 1 through 1, inclusive, for an all-inclusive Base Bid for **MILLING AND PAVING ROADWAYS IN VILLAGE OF KEY BISCAYNE** includes all incidental costs.

The Contractor understands and agrees that the prices submitted is for the services as indicated in the Scope of Service, including but not limited to, all labor, materials, equipment and permitting.

TABLE – MILLING AND PAVING ROADWAYS IN VILLAGE OF KEY BISCAYNE

The following table provides the unit pricing structure for bidding purposes. Contractors shall complete the table with their proposed unit costs. Units to be replaced must be of the same manufacturer and specifications as the existing units unless otherwise specified or instructed by the Village.

Pricing Schedule - Item Description	Unit of Measure	Cost per Unit ($)
Milling and Resurfacing (Variable/Controlled)	Square Yard 0-500	$68.00
	Square Yard 501-2500	$30.00
	Square Yard 2501-5000	$23.00
	Square Yard 5000+	$22.00
Root Barrier Installation	Linear Foot	$30.00
Asphalt Overlay Installation	Square Yard 0-500	$52.00
	Square Yard 501-2500	$23.00
	Square Yard 2501-5000	$18.00
	Square Yard 5000+	$17.00
Asphalt Removal and Replacement	Square Yard 0-500	$84.00
	Square Yard 501-2500	$36.00
	Square Yard 2501-5000	$25.00
	Square Yard 5000+	$24.00
Lime Rock and Subgrade Removal/Replacement	Cubic Yard	$180.00
Re-Grading and Compaction	Square Yard 0-500	$30.00

	Square Yard 501-2500	$25.00
	Square Yard 2501-5000	$18.00
	Square Yard 5000+	$15.00
Street Widening	Linear Foot	$50.00
Resurfacing Pathways (Pedestrian/Bicycle)	Square Yard 0-500	$60.00
	Square Yard 501-2500	$35.00
	Square Yard 2501-5000	$30.00
	Square Yard 5000+	$28.00
Hot Mix Asphalt Patches (Temporary Utility Repairs)	Square Yard 0-500	$30.00
	Square Yard 501-2500	$30.00
	Square Yard 2501-5000	$30.00
	Square Yard 5000+	$30.00
Clearing, Grubbing, Root Removal, and Excavation	Square Yard 0-500	$55.00
	Square Yard 501-2500	$50.00
	Square Yard 2501-5000	$42.00
	Square Yard 5000+	$40.00
Asphalt Build-Up Removal	Square Yard 0-500	$30.00
	Square Yard 501-2500	$18.00
	Square Yard 2501-5000	$17.00
	Square Yard 5000+	$16.00
Non-Destructive Pavement Marking Removal	Linear Foot	$30.00
Thermoplastic and Paint Pavement Markings	Square Foot	$18.00
Reflective Pavement Markers (RPMs) Installation	Each	$8.00
Reflective Roadway/Highway Delineators Installation	Each	$350.00
Concrete Roadway Panel Repairs/Replacement	Square Foot	$25.00
Sidewalk Repairs/Replacement	Square Foot	$18.00
Curb and Gutter Repairs/Replacement	Linear Foot	$90.00
Pedestrian ADA Ramps Installation	Each	$5,000.00
Utility Structure Adjustments (Manhole Tops, Inlet Frames, Valve Boxes)	Each	$1,250.00

BIDDER'S AFFIDAVIT

The undersigned Proposer has carefully examined the Bidding Documents and the site of the proposed work. The Bidder is familiar with the nature and extent of the work and any local conditions or criteria dictated in the ITB .

The undersigned Bidder agrees to do all the work and furnish all materials called for by the ITB Documents. The bidder further agrees that payments will be made based on actual quantities placed and accepted.

The undersigned Bidder agrees to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for construction of: **MILLING AND PAVING ROADWAYS IN VILLAGE OF KEY BISCAYNE** located in VILLAGE OF KEY BISCAYNE, FLORIDA.

Company Name: THE STOUT GROUP LLC

Bidder's Name: JOEY SANCHEZ PE

Bidder's Email: JSanchez@theStoutGroup.com

Bidder's Title: MANAGER

Bidder's Signature:

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:
(Name, legal status and address)

The Stout Group, LLC
10850 NW 138th Street
Hialeah Gardens, FL 33018

SURETY:
(Name, legal status and principal place of business)

Berkley Insurance Company
475 Steamboat Road
Greenwich, CT 06830

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:
(Name, legal status and address)

Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, FL 33149

BOND AMOUNT: $ 5%

Five Percent of Amount Bid

PROJECT:
(Name, location or address, and Project number, if any)

ITB# 2025-10 Milling and Paving Roadways in Village of Key Biscayne

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 9th day of May, 2025

Yuttel Zulueta
(Witness)

The Stout Group, LLC
(Principal) *(Seal)*

By: Jose M. Sanchez
(Title) Manager

Brittany Reissfelder
(Witness)

Berkley Insurance Company
(Surety) *(Seal)*

By:
(Title) Kevin R. Wojtowicz Attorney-in-Fact
& FL Licensed Agent

No. BI-10406-el

1493

POWER OF ATTORNEY
BERKLEY INSURANCE COMPANY
WILMINGTON, DELAWARE

KNOW ALL MEN BY THESE PRESENTS, that BERKLEY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Delaware, having its principal office in Greenwich, CT, has made, constituted and appointed, and does by these presents make, constitute and appoint: ***Charles D. Nielson; Charles J. Nielson; Donald A. Lambert, III; Joseph P. Nielson; Jarrett Merlucci; David R. Hoover; Brett Rosenhaus; Laura D. Mosholder; Dale A. Belis; or Kevin R. Wojtowicz of Acrisure Southeast Partners Insurance Services, LLC of Leesburg, FL*** its true and lawful Attorney-in-Fact, to sign its name as surety only as delineated below and to execute, seal, acknowledge and deliver any and all bonds and undertakings, with the exception of Financial Guaranty Insurance, providing that no single obligation shall exceed **One Hundred Million and 00/100 U.S. Dollars (U.S.$100,000,000.00),** to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney shall be construed and enforced in accordance with, and governed by, the laws of the State of Delaware, without giving effect to the principles of conflicts of laws thereof. This Power of Attorney is granted pursuant to the following resolutions which were duly and validly adopted at a meeting of the Board of Directors of the Company held on January 25, 2010:

RESOLVED, that, with respect to the Surety business written by Berkley Surety, the Chairman of the Board, Chief Executive Officer, President or any Vice President of the Company, in conjunction with the Secretary or any Assistant Secretary are hereby authorized to execute powers of attorney authorizing and qualifying the attorney-in-fact named therein to execute bonds, undertakings, recognizances, or other suretyship obligations on behalf of the Company, and to affix the corporate seal of the Company to powers of attorney executed pursuant hereto; and said officers may remove any such attorney-in-fact and revoke any power of attorney previously granted; and further

RESOLVED, that such power of attorney limits the acts of those named therein to the bonds, undertakings, recognizances, or other suretyship obligations specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated; and further

RESOLVED, that such power of attorney revokes all previous powers issued on behalf of the attorney-in-fact named; and further

RESOLVED, that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any power of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligation of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, the Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 2nd day of May, 2024.

BERKLEY INSURANCE COMPANY CORPORATE SEAL 1975 DELAWARE

Attest:
By _____
Philip S. Welt
Executive Vice President & Secretary

Berkley Insurance Company
By _____
Jeffrey M. Hafter
Senior Vice President

STATE OF CONNECTICUT)
) ss:
COUNTY OF FAIRFIELD)

Sworn to before me, a Notary Public in the State of Connecticut, this 2nd day of May, 2024, by Philip S. Welt and Jeffrey M. Hafter who are sworn to me to be the Executive Vice President and Secretary, and the Senior Vice President, respectively, of Berkley Insurance Company.

MARIA C. RUNDBAKEN
NOTARY PUBLIC
CONNECTICUT
MY COMMISSION EXPIRES 04-30-2029

_____
Notary Public, State of Connecticut

CERTIFICATE

I, the undersigned, Assistant Secretary of BERKLEY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a true, correct and complete copy of the original Power of Attorney; that said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond or undertaking to which this Power of Attorney is attached, is in full force and effect as of this date.

BERKLEY INSURANCE COMPANY CORPORATE SEAL 1975 DELAWARE

Given under my hand and seal of the Company, this 9 day of May, 2025.

_____
Vincent P. Forte

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 05/09/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER		CONTACT NAME:	Alain Bencomo	
GGA Insurance Group		PHONE (A/C, No, Ext):	(305) 630-4777	FAX (A/C, No): (305) 279-3022
10689 N. Kendall Drive		E-MAIL ADDRESS:	abencomo@ggaig.com	
Suite 208		INSURER(S) AFFORDING COVERAGE		NAIC #
Miami	FL 33176	INSURER A :	XL Insurance of America	24554
INSURED		INSURER B :	Greenwich Insurance Company	22322
The Stout Group LLC		INSURER C :	Houston Specialty Ins. Co.	12936
10850 NW 138TH Street Bay #3		INSURER D :	Wesco Insurance Company	25011
		INSURER E :	Federal Insurance Co.	20281
Hialeah Gardens	FL 33018	INSURER F :		

COVERAGES **CERTIFICATE NUMBER:** CL2471222850 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:	Y	Y	NGL-1000327-05	07/14/2024	07/14/2025	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
							MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
							Employee Benefits	$ 1,000,000
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY	Y	Y	NBA-1000328-05	07/14/2024	07/14/2025	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
							Medical payments	$ 5,000
C	[X] UMBRELLA LIAB [X] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $	Y	Y	322181	07/14/2024	07/14/2025	EACH OCCURRENCE	$ 4,000,000
							AGGREGATE	$ 4,000,000
								$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N: N If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	Y	CPW1002709	07/14/2024	07/14/2025	[X] PER STATUTE [ ] OTH-ER	
							E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
E	Inland Marine			4546-8715	07/14/2024	07/14/2025	Equipment Limit	$3,135,885
							Deductible	$5,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Village of Key Biscayne is listed as named Additional Insured's on a Primary and Non-Contributory basis on the General Liability, Auto Liability and Excess/Umbrella polices. A Waiver of Subrogation exists in favor of all Additional Insured's and any others as required by contract with regard to Workers Compensation, General Liability, Automobile Liability and Excess Liability policies. Excess/Umbrella follows form.

CERTIFICATE HOLDER

Village of Key Biscayne
88 West Mcintyre Street
Key Biscayne FL 33149

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

XL PLUS BUSINESS AUTO EXTENSION ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

COVERAGE DESCRIPTION

- **A. Temporary Substitute Auto Physical Damage**
- **B. Who Is An Insured**
  - **1. Broad Form Insured**
  - **2. Employees As Insureds**
  - **3. Additional Insured By Contract, Agreement or Permit**
  - **4. Employee Hired Autos**
- **C. Supplementary Payments**
- **D. Amended Fellow Employee Exclusion**
- **E. Physical Damage Coverage**
  - **1. Rental Reimbursement**
  - **2. Extra Expense – Broadened Coverage**
  - **3. Personal Effects Coverage**
  - **4. Lease Gap**
  - **5. Glass Repair – Waiver Of Deductible**
- **F. Physical Damage Coverage Extensions**
  - **1. Additional Transportation Expense**
  - **2. Hired Auto Physical Damage**
- **G. Business Auto Conditions**
  - **1. Notice Of Occurrence**
  - **2. Waiver Of Subrogation**
  - **3. Unintentional Failure To Disclose Hazards**
  - **4. Primary Insurance**
- **H. Bodily Injury Redefined**
- **I. Extended Cancellation Condition**

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A. Temporary Substitute Auto Physical Damage

SECTION I – COVERED AUTOS, **C. Certain Trailers, Mobile Equipment And Temporary Substitute Autos** is changed by adding the following:

If Physical Damage coverage is provided by this Coverage Form, the following types of vehicles are also covered "autos" for Physical Damage coverage:

1. Any "auto" you do not own while used with the permission of its owner as a temporary substitute for a covered "auto" you own that is out of service because of its:

a. Breakdown;

b. Repair;

c. Servicing;

d. "Loss"; or

e. Destruction.

B. Who Is An Insured

SECTION II – COVERED AUTOS LIABILITY COVERAGE, A. Coverage, 1. Who Is An Insured is changed by adding the following:

1. Broad Form Insured

For any covered "auto", any subsidiary, affiliate or organization, other than a partnership or joint venture, as may now exist or hereafter be constituted over which you assume active management or maintain ownership or majority interest, provided that you notify us within ninety (90) days from the date that any such subsidiary or affiliate is acquired or formed and that there is no similar insurance available to that organization. However, coverage does not apply to "bodily injury" or "property damage" that occurred before you acquired or formed the organization.

2. Employees As Insureds

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow, in your business or your personal affairs.

3. Additional Insured By Contract, Agreement Or Permit

Any person or organization with whom you have agreed in writing in a contract, agreement or permit, to provide insurance such as is provided under this policy, provided that the "bodily injury" or "property damage" occurs subsequent to the execution of the written contract, agreement or permit.

4. Employee Hired Autos

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business.

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SECTION IV – BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance, b. is replaced with the following:

b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

(1) Any covered "auto" you lease, hire, rent or borrow; and

(2) Any covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

C. Supplementary Payments

SECTION II – COVERED AUTOS LIABILITY COVERAGE, A. Coverage, 2. Coverage Extensions, a. Supplementary Payments is changed as follows:

Item **(2)** is deleted and replaced by the following:

(2) Up to $3,500 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.

Item **(4)** is deleted and replaced by the following:

(4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to $500 a day because of time off from work.

D. Amended Fellow Employee Exclusion

SECTION II – COVERED AUTOS LIABILITY COVERAGE, B. Exclusions, 5. Fellow Employee does not apply.

The insurance provided under this Provision **D.** is excess over any other collectible insurance.

E. Physical Damage Coverage

SECTION III – PHYSICAL DAMAGE COVERAGE, A. Coverage is changed by adding the following:

1. Rental Reimbursement

a. We will pay for rental reimbursement expenses incurred by you for the rental of an "auto" because of "loss" to a covered "auto". Payment applies in addition to the otherwise applicable amount of each coverage you have on a covered "auto". No deductibles apply to this coverage.

b. We will pay only for those expenses incurred during the policy period beginning twenty-four (24) hours after the "loss" and ending, regardless of the policy's expiration, with the lesser of the following number of days:

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(1) The number of days reasonably required to repair or replace the covered "auto". If "loss" is caused by theft, this number of days is added to the number of days it takes to locate the covered "auto" and return it to you.

(2) Thirty (30) days.

c. Our payment is limited to the lesser of the following amounts:

(1) Necessary and actual expenses incurred.

(2) $50 any one day per private passenger "auto";
$100 any one day per truck;
$1,500 any one period per private passenger "auto";
$3,000 any one period per truck; or
Higher limits if shown elsewhere in this policy.

d. This coverage does not apply while there are spare or reserve "autos" available to you for your operations.

e. If "loss" results from the total theft of a covered "auto" of the private passenger type, we will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided for under the Physical Damage Coverage Extension.

2. Extra Expense – Broadened Coverage

We will pay for the expense of returning a stolen covered "auto" to you.

3. Personal Effects Coverage

If you have purchased Comprehensive Coverage on this policy for an "auto" you own and that "auto" is stolen, we will pay, without application of a deductible, up to $500 for "personal effects" stolen from the "auto".

As used in this endorsement, "personal effects" means tangible property that is worn or carried by an "insured". "Personal effects" does not include tools, jewelry, money or securities.

4. Lease Gap

In the event of a total "loss" to a covered "auto" shown in the Declarations, we will pay any unpaid amount due on the lease or loan for a covered "auto", less:

a. The amount paid under the Physical Damage Coverage Section of the policy; and

b. Any:

(1) Overdue lease/loan payments at the time of the "loss";

(2) Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;

(3) Security deposits not returned by the lessor;

(4) Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchases with the loan or lease; and

(5) Carry-over balances from previous loans or leases.

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5. Glass Repair – Waiver Of Deductible

No deductible applies to glass damage if the glass is repaired rather than replaced.

F. Physical Damage Coverage Extensions

SECTION III – PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions is amended by the following:

1. Additional Transportation Expense

Sections a. and **b.** are amended to provide a limit of $50 per day and a maximum limit of $1,000.

2. Hired Auto Physical Damage

The following section is added:

Any "auto" you lease, hire, rent or borrow is deemed to be a covered "auto" for physical damage coverage. The most we will pay for each covered "auto" is the lesser of:

(1) the actual cash value;

(2) the cost for repair or replacement; or

(3) $50,000, or higher limit if shown on the Declarations for Hired Auto Physical Damage Coverage.

For each covered "auto" a deductible of $100 for Comprehensive Coverage and $1,000 for Collision Coverage will apply.

G. Business Auto Conditions

SECTION IV – BUSINESS AUTO CONDITIONS, A. Loss Conditions is changed by the following:

1. Notice Of Occurrence

Section 2. – Duties In The Event Of Accident, Claim, Suit Or, Loss, a. is changed by adding the following:

If you report an injury to an "employee" to your workers' compensation carrier and if it is subsequently determined that the injury is one to which this insurance may apply, any failure to comply with this condition will be waived if you provide us with the required notice as soon thereafter as practicable after you know or reasonably should have known that this insurance may apply.

2. Waiver Of Subrogation

Section 5. Transfer Of Rights Of Recovery Against Others To Us is changed by adding the following:

However, this Condition does not apply to any person(s) or organization(s) with whom you have a written contract, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under such contract with that person or organization.

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SECTION IV – BUSINESS AUTO CONDITIONS, B. General Conditions is changed by the following:

3. Unintentional Failure To Disclose Hazards

The following condition is added:

Your unintentional failure to disclose all hazards as of the inception date of the policy shall not prejudice any insured with respect to the coverage afforded by this policy.

4. Primary Insurance

Condition 5. Other Insurance is changed by adding the following:

For any covered "auto" this insurance shall apply as primary and not contribute with any other insurance where such requirement is agreed in a written contract executed prior to a "loss".

H. Bodily Injury Redefined

SECTION V – DEFINITIONS, C. "Bodily injury" is replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by a person including mental anguish, mental injury, shock, fright or death resulting from any of these at any time.

I. Extended Cancellation Condition

COMMON POLICY CONDITIONS (Form IL 00 17), A. Cancellation, 2.b. is replaced by the following:

The greater of sixty (60) days or the time required by any applicable state amendatory endorsement before the effective date of cancellation if we cancel for any other reason.

All other terms and conditions of this policy remain unchanged.

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WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any person or organization as required by written contract

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.
(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective	7/14/2024	Policy No.	CPW1002709	Endorsement No.	0
Insured	The Stout Group LLC			Premium $	49,897
Insurance Company	CorePointe Insurance Company				

Countersigned by _____

JOSE M. SANCHEZ III, P.E.

Jose M Sanchez III, better known as Joey, since young age started working at his father's company Horizon Contractors, Inc. His hard work has allowed him to promote his way up from the unofficial ranks of unskilled laborer, skilled laborer, heavy equipment operator, surveyor's rod man, surveyor party chief, foreman and superintendent. He has performed every field job within the Engineering Contracting genre.

From 2000 to 2012, he worked his way up from the official positions of Assistant Project Manager, Project Manager, Project Engineer and Vice President. During this time, not only did he move up the ranks within his father's company, but he also completed his curriculum in FIU and graduated with a Bachelor of Science in Civil Engineering (2003).

Once Joey received his degree from FIU, he did not stop there. He then obtained the following licensures:

- Florida Professional Engineering License (PE)
- Florida Certified General Contractor License (CGC)
- Florida Certified Underground Contractors License (CUC)
- Florida Certified Home Inspector License
- Miami Dade County Engineering Contractors License
- Broward County Engineering Contractors License.

Along with these licensures, Joey has obtained many State Contracting Certifications allowing him to perform various specialized scopes within state projects.

In the Spring of 2012, The Stout Group was created. Joey has been the Managing Member/ Chief Estimator/Sr. Project Manager. Joey has a vast knowledge of all aspects of underground and highway projects.

EXPERTISE

Over 25 years of experience in the following types of projects:

- Water/Sewer Installation
- Watermain Installation
- Force Main/ Pump Stations
- Highway Construction
- Street Lighting Construction
- Drainage Installation
- Bridge Deck and Pilling Install
- Structural Work
- Asphalt and Concrete Paving
- Signalization Construction

Joey has worked on many of projects from beginning to end.
Please see attached a list of other sample projects relative to this bid.

FAX (305 397-2311 ▪ JSANCHEZ@THESTOUTGROUP.COM
19290 NW 87 PLACE ▪ MIAMI, FL 33018 ▪ PHONE (305) 216-8406

OSMIN NODARSE.

onodarse@thestoutgroup.com

786-548-7580

EXPERIENCE

2012–Present The Stout Group, LLC. Hialeah, FL

Superintendent

- Direct field supervision
- Coordinate the work for the company projects

2000–2012 Horizon Contractors, Inc. Hialeah, FL

Superintendent

EXPERTISE

- Water/Sewer Installation
- Drainage Installation
- Watermain Installation
- Signalization Construction
- Bridge Deck and Pilling Install
- Asphalt and Concrete Paving
- Signalization Construction
- Highway Construction
- Force Main/ Pump Stations
- Structural Work

LICENSURE

- OSHA Certificate
- Nuclear Gauge Safety Certificate
- MOT Cert

OVERVIEW

I have a vast knowledge of all aspects of underground and highway projects. I have directly supervised over $200,000,000 worth of projects from beginning to end, including:

REFERENCE QUESTIONNAIRE

Reference for Contractor: The Stout Group, LLC
Agency Giving Reference: Calvin Giordano & Associates
Person Giving Reference: Bernnon Artola
Telephone: 786-367-4674
E-Mail: BArtola@cgasolutions.com
Name of Project Completed by Contractor: FDOT - T6450 - Campbell Drive
What was the Dollar value of the Project: $ 1,874,496.45
What was the Completion Date of the Project: 3/2021
Provide a reference for the above named firm by indicating below the level of satisfaction (Satisfactory or Unsatisfactory) with services provided to your agency.

	Rating				
Question	**Excellent**	**Good**	**Fair**	**Poor**	**Unacceptable**
Did the contractor complete the project on time, in accordance with specifications?	X				
Did the contractor submit excessive change orders? If yes, how many? _____		**YES**		**NO** (circled)	
How would you rate the firm's responsiveness on administrative and service issues?	X				
How would you rate the quality and experience of the firm's project manager and on-site personnel?	X				
Was this awarded under a competitive process? The Contract was awarded by FDOT as an A+B (Cost plus time bid process).		Yes			
How would you rate the contractor's project management, including management of sub contractors?	X				
Would you use the contractor again?		**YES** (circled)		**NO**	
Overall, what would you rate their performance?	X				

The undersigned does hereby certify that the foregoing and subsequent statements are true and correct and are made independently, free from vendor interference/collusion.

Print Name:_____ Title: Project Administrator

Print Name: Bernnon Artola Date: 3/16/21

Additional Comments: The Contract was awareded based on combination of Cost (lowest bid) and Time (calendar days) required to complete the project. The Contractor was both the lowest bid and least time impact to the public. They actively pursued the work and completed the Contract under Time and under budget.

FAILURE TO RETURN THREE (3) REFERENCES
WILL DEEM YOUR PROPOSAL "NON-RESPONSIVE"

Forms 00300-78

REFERENCE QUESTIONNAIRE

Reference for Contractor: The Stout Group, LLC
Agency Giving Reference: Horizon Contractors, Inc.
Person Giving Reference: Xavier Salvat
Telephone: 305-828-2050
E-Mail: xs@hcimail.net
Name of Project Completed by Contractor: Miami International Airport - Taxiway Improvements
What was the Dollar value of the Project: $ 703,898.00
What was the Completion Date of the Project: 12/31/20
Provide a reference for the above named firm by indicating below the level of satisfaction (Satisfactory or Unsatisfactory) with services provided to your agency.

	Rating				
Question	**Excellent**	**Good**	**Fair**	**Poor**	**Unacceptable**
Did the contractor complete the project on time, in accordance with specifications?	X				
Did the contractor submit excessive change orders? If yes, how many? _____		**YES**		**NO** (circled)	
How would you rate the firm's responsiveness on administrative and service issues?		X			
How would you rate the quality and experience of the firm's project manager and on-site personnel?	X				
Was this awarded under a competitive process?	YES				
How would you rate the contractor's project management, including management of sub contractors?	X				
Would you use the contractor again?		**YES** (circled)		**NO**	
Overall, what would you rate their performance?	X				

The undersigned does hereby certify that the foregoing and subsequent statements are true and correct and are made independently, free from vendor interference/collusion.

Print Name:_____ Title: Project Manager

Print Name: Xavier Salvat Date: 3/16/21

Additional Comments: _____
_____
_____

FAILURE TO RETURN THREE (3) REFERENCES
WILL DEEM YOUR PROPOSAL "NON-RESPONSIVE"

Forms 00300-78

REFERENCE QUESTIONNAIRE

Reference for Contractor: The Stout Group, LLC
Agency Giving Reference: P&T Construction
Person Giving Reference: Mark Rodberg
Telephone: 561-573-1017
E-Mail: mark.rodberg@gmail.com
Name of Project Completed by Contractor: FDOT Somerset Academy Parkland
What was the Dollar value of the Project: $ 1,251,000.00
What was the Completion Date of the Project: 12/20
Provide a reference for the above named firm by indicating below the level of satisfaction (Satisfactory or Unsatisfactory) with services provided to your agency.

Question	Rating: Excellent	Good	Fair	Poor	Unacceptable
Did the contractor complete the project on time, in accordance with specifications?	✓				
Did the contractor submit excessive change orders? If yes, how many? _____	YES			NO (circled)	
How would you rate the firm's responsiveness on administrative and service issues?	✓				
How would you rate the quality and experience of the firm's project manager and on-site personnel?	✓				
Was this awarded under a competitive process?	YES				
How would you rate the contractor's project management, including management of sub contractors?	✓				
Would you use the contractor again?		YES (circled)		NO	
Overall, what would you rate their performance?	✓				

The undersigned does hereby certify that the foregoing and subsequent statements are true and correct and are made independently, free from vendor interference/collusion.

Print Name: Mark Rodberg Title: CEO

Print Name: Mark Rodberg Date: 3/16/21

Additional Comments: _____

FAILURE TO RETURN THREE (3) REFERENCES
WILL DEEM YOUR PROPOSAL "NON-RESPONSIVE"

Forms 00300-78

THE STOUT GROUP, LLC.

Experience

To Whom It May Concern,

Please find below completed projects within the last three (3) years, in which The Stout Group, LLC with Jose Maria Sanchez III (Joey)) as the Project Manager, provided Florida cities, countiesor other Florida governmental agencies similar services.

A. COMPLETED PROJECTS

1. Florida Department of Transportation – T6524 - SR 969/Milam Dairy Rd./NW 72 Ave.
   a. Owner Name: Florida Department of Transportation
      Contact Person: Francisco Lledo – Construction Project Manager
      Phone Number: 305-619-7144
      Email Address: Francisco.lledo@dot.state.fl.us
   b. Narrative:

   c. Contract amount: $711,881.95
   d. Completion Date: 6/15/2022

2. Miami Dade County – 422003-17-003 – Rickenbacker Causeway, Green Bike Lanes Segment A – Phase I
   a. Owner Name: Miami Dade County
      Contact Person: Lin Li P.E
      Phone Number: 786-268-5283
      Email Address: lin.li@miamidade.gov
   b. Narrative:
      On the aforementioned project, The Stout Group, LLC performed various scopes within the project limits. The scopes performed were modification of bike lanes with green coating painted bike lanes, milling and resurfacing, pavement, thermoplastic, pavement markings and reflective markers.
   c. Contract Amount: $2,138,892.50
   d. Completion Date: 10/29/2021

3. City of Miami Gardens – ITB # 18-19-011 – 203rd Street Outfall Modification
    a. Owner Name: City of Miami Gardens
    Contact Person: Leslie Pettit P.E
    Phone Number: 954-325-8487
    Email Address: lpettit@miamigardens-fl.gov
    b. Narrative:
    On the aforementioned project, The Stout Group, LLC performed various scopes within the project limits. The scopes performed were installation of new pipes and structures, replacement and installation of draining ditches, excavation and backfill restoration to level grade.
    c. Contract Amount: $486,918.15
    d. Completion Date: 08/31/2021

4. Miami Dade County – Miami Dade WASD Central District WWTP
    a. Owner Name: Miami Dade County. Dynalectric Company
    Contact Person: Ron Taylor
    Project Address:
    b. Narrative:
    The Stout Group, LLC performed various scopes within the project limits. The scopes performed were installed precast structures of different sizes, performed multiple duct bank of different measurements, excavation, restoration.
    c. Contract amount: $244,929.00.
    d. Completion Date: 06/05/2021

5. City of Hollywood – Project No 19-11044 – City-Wide Miscellaneous Drainage Improvements
    a. Owner Name: City of Hollywood – Public Utilities
    Contact Person: Raul Wainer – Project Manager
    Phone Number: 954-921-3930
    Email Address: rwainer@hollywoodfl.org
    b. Narrative:
    On the aforementioned project, The Stout Group, LLC is performing various scopes within the project limits of City of Hollywood. The scopes included Drainage, roadway restoration, concrete curb and gutter, concrete sidewalks, landscaping, regrade swale, milling and resurfacing.
    c. Contract Amount: $730,737.00
    d. Completion Date: 05/03/2021

6. Florida Department of Transportation – T4534 – Rock Island Rd
    a. Owner Name: Florida Department of Transportation
    Contact Person: Alejandro Pina – S.E.T. Project Administrator
    Phone Number: 954-958-7629
    Email Address: alejandro.pina@dot.state.fl.us
    b. Narrative:
    On the aforementioned project, The Stout Group, LLC is performing various scopes within the project limits of Rock Island Rd. The scopes included roadway widening, concrete curb and gutter, concrete sidewalks, landscaping, milling, and resurfacing, and striping.
    c. Contract Amount: $1,247,199.00
    d. Completion Date: 03/19/2021

7. Florida Department of Transportation – T6450 – Campbell Dr – Horizon Contractors, Inc.
    a. Owner Name: Florida Department of Transportation
    Contact Person: Bernon Artola – Project Administrator
    Phone Number: 786-367-4674
    Email Address: bartola@cgasolutions.com
    b. Narrative:
    On the aforementioned project, The Stout Group, LLC performed various scopes within the project limits of Campbell Drive. The scopes self-performed included the removal and replacement of a live lift station, removal and replacement of a live sanitary sewer and the installation of drainage.
    c. Contract Amount: $16,300,000.00
    d. Completion Date: 03/23/2021

8. Florida Department of Transportation – T4509 – Hollywood Blvd
    a. Owner Name: Florida department of Transportation
    Contact Person: Mackendy Philippi – Construction Project Administrator II
    Phone Number: 954-958-7693
    Email Address: mackendy.philippi@dot.state.fl.us
    b. Narrative:
    On the aforementioned project, The Stout Group, LLC self-performed various scopes of work including drainage and water main installation along the project corridor, roadway restoration, concrete curb and gutter, concrete sidewalks, regrade swale, milling and resurfacing and striping.
    c. Contract Amount: $3,049,774.59
    d. Completion Date: 12/03/2020

9. Florida Department of Transportation – T6401 – Biscayne Blvd Roadway Improvements
    a. Owner Name: Florida Department of Transportation
    Contact Person: Jonathan Fundora – Construction Senior Project Manager
    Phone Number: 305-962-3653
    Email Address: jonathan.fundora@dot.state.fl.us
    b. Narrative:
    On the aforementioned project, The Stout Group, LLC performed various scopes within the project limits of Biscayne Blvd. The scopes self-performed included were major drainage upgrades along the project corridor, water main upgrades, and sewer main upgrades. The sewer main upgrades included bypassing sewer mains. Full reconstruction of the roadway, concrete curb and gutter, concrete sidewalks, paver sidewalks, lighting upgrades, full intersection signalization installation, pedestrian signalization upgrades, milling and resurfacing, striping, and guardrail installation.
    c. Contract Amount: $5,700,000.00
    d. Completion Date: 05/03/2019

THE STOUT GROUP, LLC.

April 15, 2025

ONGOING PROJECTS

To Whom It May Concern,

Please find below (7) contracts in which The Stout Group, LLC is working:

1. Miami Dade Water and Sewer – Two Year Contract – Pavement Restoration
   Contact Person: Mayra Espinosa
   Telephone Number: (786) 268-5044
   Email Address: mayra.espinosa@miamidade.gov
   Contract amount: $5,000,000.00
   Completion Date Sept 30, 2025

2. Florida Department of Transportation – E6O10 – Intersection Push Button
   Contract Contact Person: Tajh Lesmarie E. I.
   Telephone Number: (305) 968-8453
   Email Address: tahj.lesmarie@dot.state.fl.us
   Contract amount: $1,000,000.00
   Completion Date: Ongoing Projects

3. City Of Miramar – BC MIRAM- FY2020-00003 – Milling and Resurfacing, Sidewalk
   Contact Person: Marilyn Markwei
   Telephone Number: (954) 707-0279
   Email Address: mmmarkwei@miramarfl.gov
   Contract Amount: $1,679,015.00

4. FDOT – T4657 – SR A1A; From S of Grand Ct. To S of Linton Blvd.
   Contact Person: Ramon Arosemena
   Telephone Number: 561-655-0655
   Email Address: rarosemena@americanenggroup.com
   Contract Amount: 8,333,361.80
   Completion Date: July, 2025

THE STOUT GROUP, LLC.

5. FDOT – T4686 – SW 45th St/Orange Dr and Taft St; From Florida's Turnpike To ST 7 (US441) and from SR 7 (US 441) To N 40th Ave.

Contact Person:	Matthew Pearson
Telephone Number:	(954) 958-7683
Email Address:	Matthew.Pearson@dot.state.fl.us
Contract Amount:	$3,298,227.02

6. FDOT – E4X31 – Along SR A1A/S Ocean Blvd from South of Lake Avenue to North of Ibis Way

Contact Person:	Ricky Estripeaut
Telephone:	(561) 370-1132
Email Address:	ricky.estripeaut@dot.state.fl.us
Contract Amount:	$5,957,047.74

7. City of Miami Beach – Indian Creek Bike Lane

Contract Person:	Carla Dixon
Telephone:	(305) 673-7071
Email Address:	CarlaDixon@miamibeachfl.gov
Contract Amount:	$927,300.00

If further information is needed, please do not hesitate to contact us.

Sincerely,

Joey Sanchez

The Stout Group, LLC
Joey Sanchez, P.E.
Manager

Sample Projects
(Completed)

Project Number: 001

Project Name:	I-595 to Turnpike Northbound Ramp – T7 Ramp
Owner:	Florida Department of Transportation
Contractor:	Maytin Engineering Corp.
Contact:	Roly Maytin, PE
Address:	13900 NW 112th Ave Hialeah Gardens, FL 33018
Phone:	305-827-4545
Fax:	305-827-4547
Completed:	March 2014
Contract Amount:	$495,000

Contract Scope:

- Excavation 3500 CY
- Embankment 18,000 CY
- Limerock (Finish Grade) 12,000 SY
- Solid Pipe (Various Diameters) 750 LF
- Drainage Structure 10 EA
- Asphalt
  - Traffic Level D (PG 76-22) 420 TN
  - FC-9.5 80 TN

Project Number: 002

Project Name:	Phase VI – Storm Water Improvements
Owner:	Village of El Portal
Contractor:	Horizon Contractors, Inc.
Contact:	Xavier Salvat, PE
Address:	8175 West 32nd Ave – Suite 2 Hialeah, FL 33018
Phone:	305-828-2050
Fax:	305-820-0905
Completed:	April 2014
Contract Amount:	$35,000

Contract Scope:

- Solid Pipe (Various Diameters) 190 LF
- Drainage Structure 2 EA
- Asphalt
  - Traffic Level C 40 TN

Project Number: 003

Project Name:	T6207 - SR-5 – Overseas Highway (MM 93 – 97)
Owner:	Village of El Portal
Contractor:	Horizon Contractors, Inc.
Contact:	Xavier Salvat, PE
Address:	8175 West 32nd Ave – Suite 2 Hialeah, FL 33018
Phone:	305-828-2050
Fax:	305-820-0905
Completed:	May 2014
Contract Amount:	$29,000

Contract Scope:

- Finish Grade 17,695 SY

Project Number: 004

Project Name:	E6H34 - SR-5 – Overseas Highway (MM 85 – 84)
Owner:	Florida Department of Transportation
Contractor:	Horizon Contractors, Inc.
Contact:	Xavier Salvat, PE
Address:	8175 West 32nd Ave – Suite 2 Hialeah, FL 33018
Phone:	305-828-2050
Fax:	305-820-0905
Completed:	March 2015
Contract Amount:	$650,000

Contract Scope:

- Solid Pipe (Various Diameters) 1900 LF
- French Drain 24” 680 LF
- Drainage Structures 18 EA

Project Number: 005

Project Name:	The Bond – Duct Bank
Owner:	1080 Brickell Development
Contractor:	ION Electric, LLC
Contact:	Jack Higgins
Address:	2001 N. Andrews Avenue Pompano Beach, FL 33069
Phone:	954-434-7432
Fax:	954-857-6687
Completed:	August 2014
Contract Amount:	$20,000

Contract Scope:

- 6” 15 Way Primary Duct Bank 120 LF

Project Number: 006

Project Name:	T6314 – Marathon Key - SR-5 – Overseas Highway (MM 47 – 48)
Owner:	Florida Department of Transportation
Contractor:	Horizon Contractors, Inc.
Contact:	Xavier Salvat, PE
Address:	8175 West 32nd Ave – Suite 2 Hialeah, FL 33018
Phone:	305-828-2050
Fax:	305-820-0905
Completed:	February 2015
Contract Amount:	$377,000

Contract Scope:

- Excavation 839 CY
- Embankment 2,946 CY
- Limerock (Finish Grade) 6,749 SY
- Rip Rap 150 CY
- Grading 13,786 SY

Project Number: 007

Project Name:	E6I00 - SE 26th Rd
Owner:	Florida Department of Transportation
Contractor:	The Stout Group, LLC (Prime)
Contact:	Joey Sanchez, PE
Address:	10850 NW 138th Street – Bay 3 Hialeah Gardens, FL 33018
Phone:	305-216-8406
Fax:	305-397-2311
Completed:	March 2015
Contract Amount:	$95,480

Contract Scope:

- Sidewalk 159 SY
- Asphalt
  - Traffic Level C – 12.5 42 TN
  - FC-9.5 (PG76-22) (ARB) 30 TN

Project Number: 008

Project Name:	T6333 – NW 74th Street and 72nd Ave Intersection
Owner:	Florida Department of Transportation
Contractor:	The Stout Group, LLC (Prime)
Contact:	Joey Sanchez, PE

Address:	10850 NW 138th Street – Bay 3 Hialeah Gardens, FL 33018
Phone:	305-216-8406
Fax:	305-397-2311
Completed:	April 2015
Contract Amount:	$154,744

Contract Scope:

- Sidewalk 80 SY
- Curb and Gutter 123 LF
- Asphalt
  - FC-9.5 (PG76-22) (ARB) 153 TN

Project Number: 009

Project Name:	PAMM Footing Installation
Owner:	Perez Art Museum Miami (PAMM)
Contractor:	The Stout Group, LLC (Prime)
Contact:	Joey Sanchez, PE
Address:	10850 NW 138th Street – Bay 3 Hialeah Gardens, FL 33018
Phone:	305-216-8406
Fax:	305-397-2311
Completed:	January 2015
Contract Amount:	$29,200

Contract Scope:

- Class I – Structural Concrete 50 CY

Project Number: 010

Project Name:	Building 6 – Asphalt Improvements
Owner:	Broward Community College
Contractor:	Thornton Construction Company
Contact:	Frank Gunn
Address:	4300 Biscayne Blvd #207 Miami, FL 33137
Phone:	305-649-1995
Fax:	305-649-1295
Completed:	January 2015
Contract Amount:	$237,750

Contract Scope:

- Asphalt
  - Traffic Level C – 9.6 60 TN

Project Number: 012

Project Name:	T4386 – SRA1A / Ocean Drive
Owner:	Florida Department of Transportation
Contractor:	ION Electric
Contact:	Jack Higgins
Address:	2001 N. Andrews Avenue Pompano Beach, FL 33069
Phone:	954-434-7432
Fax:	954-857-6687
Completed:	July 2015
Contract Amount:	$51,200

Contract Scope:

- Structural Concrete (Pile Caps) 40 CY

Project Number: 013

Project Name:	E6J26 – R0 – Districtwide Asphalt Maintenance
Owner:	Florida Department of Transportation
Contractor:	The Stout Group, LLC (Prime)
Contact:	Joey Sanchez, PE
Address:	10850 NW 138th Street – Bay 3 Hialeah Gardens, FL 33018
Phone:	305-216-8406
Fax:	305-397-2311
Completed:	December 2015
Contract Amount:	$250,000

Contract Scope:

- Asphalt
  - FC-12.5 (PG76-22) 625 TN

Project Number: 014

Project Name:	Saxony Beach Walk
Owner:	The Saxony Development
Contractor:	ValleyCrest Landscape Development
Contact:	Ariel Caballero
Address:	4155 East Mowry Drive Homestead, FL 33033
Phone:	305-258-8011
Fax:	305-258-0809
Completed:	August 2015
Contract Amount:	$295,000

Contract Scope:

- Demolition 1 LS
- Limerock (Finish Grade) 2,722 SY

Project Number: 015

Project Name:	T6393 – Krome Ave (450+00 – 499+00)
Owner:	Florida Department of Transportation
Contractor:	Horizon Contractors, Inc.
Contact:	Xavier Salvat, PE
Address:	8175 West 32nd Ave Hialeah, FL 33018
Phone:	305-345-7816
Fax:	305-820-0905
Completed:	Scheduled for December 2016
Contract Amount:	$2,655,311

Contract Scope:

▪ Clearing and Grubbing	1	LS
▪ Regular Excavation	3,805	CY
▪ Subsoil Excavation	52,475	CY
▪ Embankment	133,077	CY
▪ Prepared Soil Layer	60,978	SY
▪ Optional Base, Base Group 02	7,622	SY
▪ Optional Base, Base Group 10	26,133	SY

Project Number: 016

Project Name:	Opalocka Airport Interior Service Road
Owner:	Miami Dade Airport Department
Contractor:	Horizon Contractors, Inc.
Contact:	Xavier Salvat, PE
Address:	8175 West 32nd Ave Hialeah, FL 33018
Phone:	305-345-7816
Fax:	305-820-0905
Completed:	January 2016
Contract Amount:	$960,555

Contract Scope:

▪ Clearing and Grubbing	17	ACRE
▪ Demolition of Bituminous Pavement	1,600	SY
▪ On-Site Excavation	30,500	CY
▪ Proof Rolling	34,700	SY
▪ 12” Thick Stabilization Subgrade	29,471	SY
▪ 9” Thick Limerock Base Course	33,300	SY
▪ 24” RCP Class V (Cross Drain)	430	LF
▪ 24” Mitered End Section	14	EA
▪ Swale Grading	48,000	SY
▪ Canal Bank Stabilization	3,000	SY

Project Number: 017

Project Name:	Tamiami Canal Bridge Replacement
Owner:	Miami Dade County Public Works and Waste Management

Contractor:	Archer Western
Contact:	Dhaval Gandhi
Address:	3201 NW 24th Street Road
	Miami, FL 33142
Phone:	786-804-6252

Completed:	Scheduled to Complete February 2018
Contract Amount:	$ 932,749

Contract Scope:

▪ F&I PERMANENT SAMPLE POINTS	2.0	EA
▪ CONNECT TO EXISTING WM (20.0 - 49.9")	1.0	EA
▪ ARV ASSEMBLIES	2.0	EA
▪ F&I POLYETHYLENE ENCASEMENT	200.0	LF
▪ F&I TAPPING SLEEVE (20.0 - 49.9")	1.0	EA
▪ S&D FIRE HYDRANT ASSSEMBLIES	2.0	EA
▪ S&D DIP (6 - 7.9") VALVE & FITTINGS	70.0	LF
▪ S&D DIP (8 - 9.9") VALVE & FITTINGS	120.0	LF
▪ FURINSH DIP (20 - 49.9") & FITTINGS	200.0	LF
▪ FURNISH MJ RSGV (20.0 - 49.9")	1.0	EA
▪ INSTALL FIRE HYDRANT ASSEMBLIES	2.0	EA
▪ INSTALL DIP (6 - 7.9") VALVE & FITTINGS	70.0	LF
▪ INSTALL DIP (8 - 9.9") VALVE & FITTINGS	120.0	LF
▪ INSTALL DIP (20 - 49.9") & FITTINGS	200.0	LF
▪ INSTALL MJ RSGV (20.0 - 49.9")	1.0	EA
▪ INLETS (CURB)(TYPE P-1) <10'	1.0	EA
▪ INLETS (CURB)(TYPE P-5) <10'	3.0	EA
▪ INLETS (CURB)(TYPE P-5) >10'	3.0	EA
▪ INLETS (CURB)(TYPE F) <10'	4.0	EA
▪ MANHOLES (TYPE P-7)(PARTIAL)	4.0	EA
▪ MANHOLES, P-8, <10'	1.0	EA
▪ MANHOLES, P-8, >10'	3.0	EA
▪ MANHOLES, J-8, <10'	1.0	EA
▪ MANHOLES, J-8, >10'	1.0	EA
▪ ADJUST MANHOLE	4.0	EA
▪ ADJUST MANHOLE (UTILITIES)	3.0	EA
▪ ADJUST VALVE BOX (MDC ONLY)	9.0	EA
▪ PIPE CULVERT - 18"	364.0	LF
▪ PIPE CULVERT - 24"	216.0	LF
▪ PIPE CULVERT - 24" (ELLIPTICAL\OTHER)	19.0	LF

▪ FRENCH DRAIN 24"	647.0	LF
▪ REMOVAL OF EXISTING PAVEMENT	100.0	SY
▪ REGULAR EXCAVATION	1,100.0	CY
▪ SUBSOIL EXCAVATION	3,597.0	CY
▪ CHANNEL EXCAVATION	4,408.0	CY
▪ EMBANKMENT	7,026.5	CY
▪ REINFORCEMENT GRID	2,083.0	SY
▪ TYPE "B" STABILIZATION (12" THICK)	6,419.0	SY
▪ OPTIONAL BASE, BASE GROUP 06	6,484.0	SY
▪ TURNOUT CONSTRUCTION	440.0	SY
▪ SP ASPHALTIC CONCRETE (TRAFFIC C)	17.4	TN

Project Number: 018

Project Name:	T6396 – Krome Ave (54+21 – 109+00)
Owner:	Florida Department of Transportation
Contractor:	Horizon Contractors, Inc.
Contact:	Xavier Salvat, PE
Address:	8175 West 32nd Ave Hialeah, FL 33018
Phone:	305-345-7816
Fax:	305-820-0905
Completed:	Scheduled for December 2016
Contract Amount:	$3,489,368

Contract Scope:

▪ Clearing and Grubbing	1	LS
▪ Regular Excavation	3,837	CY
▪ Subsoil Excavation	73,025	CY
▪ Embankment	174,449	CY
▪ Type B Stabilization	54,596	SY
▪ Prepared Soil Layer	69,630	SY
▪ Optional Base, Base Group 02	9,131	SY
▪ Optional Base, Base Group 10	30,018	SY

Project Number: 019

Project Name:	Miscellaneous Drainage Repairs
Owner:	Interstate Screw Corp.
Owner:	Interstate Screw Corp.
Contact:	Dominick Menendez
Address:	475 West 18th Street Hialeah, FL 33010
Phone:	305-888-8700
Fax:	305-888-7081
Completed:	Scheduled for December 2016

Contract Amount: $4,375.00
Contract Scope:

- Miscellaneous Drainage Repairs 1 LS

Project Number: 020

Project Name:	Shenandoah Middle School Renovation
Owner:	Miami Dade County Public Schools
Contractor:	Thornton Construction Company, Inc.
Contact:	Dan Sheehy
Address:	4300 Biscayne Blvd Suite 207 Miami, FL 33137
Phone:	305-649-1995
Fax:	305-649-1295
Completed:	April 2016
Contract Amount:	$11,500.00

Contract Scope:

- Limerock Base 1 LS
- Superpave - Traffic Level C – 9.5 1 LS

Project Number: 021

Project Name:	Emergency Asphalt Repair at the Downtown Mover (TPSS)
Owner:	Miami Dade Transit
Contact:	Nury Perez
Address:	6601 NW 72nd Ave Miami, FL 33166
Phone:	305-884-7578
Fax:	305-884-7538
Completed:	January 2016
Contract Amount:	$9,850.00

Contract Scope:

- Asphalt Repair 1 LS

Project Number: 023

Project Name:	Drainage Improvements Project Multiple Sites
Owner:	Miami Dade County Public Works Department
Contact:	Felipe Monteagudo
Address:	111 NW 1st Street Suite 1410 Miami, FL 33128
Phone:	305-323-8192

Completed: Anticipated Completion June 2017

Contract Amount: $1,504,737.12

Contract Scope:

BARRICADES	18600	ED
ADVANCE WARNING ARROW PANEL	1050.0	ED
Sediment Barrier	600.0	LF
Inlet Protection System	91.0	EA
CLEARING AND GRUBBING	1.0	LS
RE-GRADE EXISTING SWALE	140.0	SY
FLOWABLE FILL	28.0	CY
BACKFILL EXISTING TRENCH WITH SELECT FILL	278.0	CY
MILLING - 1" Depth	4878.0	SY
ROADWAY PAVEMENT RESTORATION	2524.0	SY
INLET PAVEMENT	393.0	SY
Hot Mix Asphalt, Traffic C, SP-9.5	555.0	TN
Driveway Pavement-Asphalt	100.0	SY
Driveway Pavement-Concrete	20.0	SY
CLASS I CONCRETE	30.0	CY
SWALE INLET TYPE D-3 (36"Dia.)	37.0	EA
SWALE INLET TYPE D-3 (36"X36")	17.0	EA
SWALE INLET TYPE D-1 (17" X 27") (< 10' Deep)	14.0	EA
SWALE INLET TYPE P-10M	14.0	EA
SWALE INLET TYPE J-10	1.0	EA
POLLUTION RETARDANT BAFFLE	3.0	EA
MANHOLE (Type P-7T)	30.0	EA
CORE AND TIE TO EXIST. DRAINAGE	9.0	EA
MODIFY STRUCTURE-	17.0	EA
DESILT PIPE (0 TO 48")	1000.0	LF
Desilting Drainage Structure	12.0	EA
Pipe Culvert 15" Diameter (Round)	1541.0	LF
Pipe Culvert 18" Diameter (Round)	410.0	LF
French Drain (18" diameter pipe, 10 ft bls)	3445.0	LF
French Drain (18" diameter pipe, 15 ft bls)	380.0	LF
French Drain (18" diameter pipe, 20 ft. BLS)	550.0	LF
CONCRETE SIDEWALK [4" THICK,]	463.0	SY
CONCRETE SIDEWALK (6" Thick)	110.0	SY
DETECTABLE SURFACE	94.0	SF
RIP RAP (SAND CEMENT)	17.0	CY
SODDING-St Augustine	12520.0	SY
REFLECTIVE PAVEMENT MARKERS	25.0	EA
THERMOPLASTIC (White) (Solid) (12")	54.0	LF
THERMOPLASTIC (White) (Solid) (24")	200.0	LF
THERMOPLASTIC (Yellow) (Solid) (6")	450.0	LF

Project Number: 024

Project Name:	Joseph Caleb Center New Parking Garage
Owner:	Miami Dade County
Contractor:	ABC Construction, Inc.
Contact:	Jorge Gonzalez
Address:	7215 NW 7th Street Miami, FL 33126
Phone:	305-663-0322
Fax:	305-267-2403
Completed:	April 2017
Contract Amount:	$196,514.26

Contract Scope:

▪ Milling Existing Asphalt (1" AVG)	7505	SY
▪ Superpave - Traffic Level C – 9.5	489	TN
▪ Friction Course - Traffic Level C – 9.5	396	TN

Project Number: 025

Project Name:	SR 953 – Lejeune Rd from Almeria Ave to Majorca Ave
Owner:	Florida Department of Transportation
Contractor:	The Stout Group, LLC (Prime)
Contact:	Joey Sanchez, PE
Address:	10850 NW 138th Street – Bay 3 Hialeah Gardens, FL 33018
Phone:	305-216-8406
Fax:	305-397-2311
Completed:	April 2017
Contract Amount:	$1,155,672.82

Contract Scope:

▪ MOBILIZATION	1	LS
▪ MAINTENANCE OF TRAFFIC	1	LS
▪ TRAFFIC CONTROL OFFICER	456	MH
▪ WORK ZONE SIGN	6650	ED
▪ BARRIER WALL, TEMPORARY, F&I, CONCRETE	185	LF
▪ CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	5900	ED
▪ CHANNELIZING DEVICE, TYPE III, 6'	570	ED
▪ ARROW BOARD / ADVANCE WARNING ARROW PANEL	440	ED
▪ TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	194	EA
▪ PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	388	ED
▪ TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	180	ED
▪ TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	180	ED

▪ INLET PROTECTION SYSTEM	19	EA
▪ LITTER REMOVAL	7.08	AC
▪ MOWING	1.8	AC
▪ MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING	1	LS
▪ MONITOR EXISTING STRUCTURES- VIBRATION MONITORING	1	LS
▪ CLEARING & GRUBBING 43349215201	1	LS
▪ DELIVERY OF SALVAGEABLE MATERIAL TO FDOT 43349215201	1	LS
▪ REGULAR EXCAVATION (3-R PROJECTS ONLY) 43349215201	1	LS
▪ TYPE B STABILIZATION	532	SY
▪ PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	604	SY
▪ OPTIONAL BASE, BASE GROUP 11	478	SY
▪ MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	4398	SY
▪ SUPERPAVE ASPHALTIC CONC, TRAFFIC C	52.6	TN
▪ ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22, ARB	402.4	TN
▪ INLETS, CURB, TYPE 9, <10'	2	EA
▪ INLETS, GUTTER, TYPE S, <10'	1	EA
▪ MANHOLES, P-7, <10'	1	EA
▪ MANHOLE, ADJUST	10	EA
▪ PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	49	LF
▪ FRENCH DRAIN, 24"	120	LF
▪ CONCRETE CURB & GUTTER, TYPE F	880	LF
▪ CONCRETE CURB, TYPE D	616	LF
▪ CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	395	SY
▪ CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	36	SY
▪ DETECTABLE WARNINGS	116	SF
▪ PERFORMANCE TURF, SOD	427	SY
▪ IRRIGATION SYSTEM REPAIRS 43349215201	1	LS
▪ PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	0.324	GM
▪ PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	0.077	GM
▪ PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	540	LF
▪ PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	187	LF
▪ PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	190	LF
▪ PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	0.015	GM
▪ PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	0.013	GM
▪ PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	10	EA
▪ PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	27	EA
▪ PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	0.585	GM
▪ PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	28	LF

▪ PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	0.026	GM
▪ SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	18	AS
▪ SINGLE POST SIGN, RELOCATE	1	AS
▪ SINGLE POST SIGN, REMOVE	11	AS
▪ SIGN PANEL, RELOCATE, UP TO 12 SF	8	EA
▪ DELINEATOR, FLEXIBLE HIGH PERFORMANCE 48"	15	EA
▪ PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	38	SF
▪ PAINTED PAVEMENT MARKINGS, FINAL SURFACE 43349215201	1	LS
▪ THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	540	LF
▪ THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	187	LF
▪ THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	190	LF
▪ THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	0.013	GM
▪ THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	3	EA
▪ THERMOPLASTIC, STANDARD, WHITE, ARROW	22	EA
▪ THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	28	LF
▪ THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	0.026	GM
▪ THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	7	EA
▪ THERMOPLASTIC, PREFORMED, WHITE, ARROWS	5	EA
▪ THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	0.324	GM
▪ THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	0.077	GM
▪ THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	0.015	GM
▪ THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	0.585	GM
▪ THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	20	SF
▪ CONDUIT, FURNISH & INSTALL, OPEN TRENCH	458	LF
▪ CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	354	LF
▪ PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	12	EA
▪ LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	646	LF
▪ LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	4765	LF
▪ LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	6914	LF
▪ LUMINAIRE, RELOCATE	30	EA
▪ LUMINAIRE, REMOVE	60	EA
▪ POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	4	EA
▪ CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	1178	LF
▪ SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	1	PI
▪ SIGNAL CABLE, REMOVE- INTERSECTION	1	PI
▪ PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	31	EA

▪ ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	1	AS
▪ ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	1	AS
▪ ELECTRICAL SERVICE WIRE, REMOVE	195	LF
▪ PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	1	EA
▪ PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL-PEDESTAL/SERVICE POLE	1	EA
▪ ALUMINUM SIGNALS POLE, PEDESTAL	4	EA
▪ ALUMINUM SIGNALS POLE, REMOVE	2	EA
▪ STEEL MAST ARM,F&I, WIND SPEED-150,SINGLE ARM, W/0 LUMINAIRE-36	2	EA
▪ MAST ARM,F&I, WIND SPEED-150,SINGLE ARM,W/0 LUMINAIRE-46	2	EA
▪ MAST ARM, REMOVE SHALLOW FOUNDATION, BOLT ON ATTACHMENT	4	EA
▪ TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	3	AS
▪ TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY	5	AS
▪ PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	4	AS
▪ PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	2	AS
▪ LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	6	EA
▪ LOOP ASSEMBLY- F&I, TYPE A	8	AS
▪ PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	4	EA
▪ TRAFFIC CONTROLLER ASSEMBLY, F&I, 170	1	AS
▪ TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	1	AS
▪ SYSTEM AUXILIARIES, F&I, MODEM	1	EA
▪ INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	4	EA
▪ LANDSCAPE COMPLETE- SMALL PLANTS 43349215201	1	LS
▪ LANDSCAPE COMPLETE- LARGE PLANTS 43349215201	1	LS
▪ VALVE BOXES, ADJUST	7	EA

Project Number: 026

Project Name:	Miami Dade Countywide Drainage Pushbutton
Owner:	Florida Department of Transportation
Contractor:	The Stout Group, LLC (Prime)
Contact:	Joey Sanchez, PE
Address:	10850 NW 138th Street – Bay 3 Hialeah Gardens, FL 33018
Phone:	305-216-8406
Fax:	305-397-2311
Completed:	December 2018

Contract Amount: $848,713.00

Contract Scope:

- COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE 50 CY
- TRAFFIC CONTROL OFFICER 300 MH
- WORK ZONE SIGN 5000 ED
- BUSINESS SIGN 20 EA
- BARRIER WALL, TEMPORARY, F&I, CONCRETE 500 LF
- BARRIER WALL, TEMPORARY, F&I, TYPE K 500 LF
- CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD 6000 ED
- CHANNELIZING DEVICE, TYPE III, 6' 1025 ED
- CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE) 50 ED
- ARROW BOARD / ADVANCE WARNING ARROW PANEL 275 ED
- TEMPORARY RETROREFLECTIVE PAVEMENT MARKER 50 EA
- TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION 5 LO
- PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY 100 ED
- PAVEMENT MARKING REMOVABLE TAPE, WHITE OR BLACK,SOLID 1163 LF
- PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID 1513 LF
- SEDIMENT BARRIER 400 LF
- FLOATING TURBIDITY BARRIER 250 LF
- INLET PROTECTION SYSTEM 40 EA
- LITTER REMOVAL 1 AC
- MOWING 1 AC
- REMOVAL OF EXISTING CONCRETE PAVEMENT 200 SY
- REGULAR EXCAVATION 300 CY
- BORROW EXCAVATION, TRUCK MEASURE 600 CY
- LATERAL DITCH EXCAVATION 350 CY
- SUBSOIL EXCAVATION 200 CY
- EMBANKMENT 600 CY
- FLOWABLE FILL 100 CY
- EXCAVATION FOR STRUCTURES Excavation for Structures and Pipes 200 CY
- TYPE B STABILIZATION 150 SY
- OPTIONAL BASE, BASE GROUP 04 10 SY
- OPTIONAL BASE, BASE GROUP 09 1500 SY
- OPTIONAL BASE, BASE GROUP 11 1500 SY
- OPTIONAL BASE, BASE GROUP 13 250 SY
- MILLING EXIST ASPH PAVT, 1 AVG DEPTH 4000 SY
- MILLING EXIST ASPH PAVT, 1 1/2 AVG DEPTH 300 SY
- MILLING EXIST ASPH PAVT, 1 3/4 AVG DEPTH 300 SY
- SUPERPAVE ASPHALTIC CONC, TRAFFIC C 150 TN
- SUPERPAVE ASPHALTIC CONC, TRAFFIC D 20 TN

- SUPERPAVE ASPH CONC, TRAFFIC C, PG76-22, PMA 60 TN
- ASPHALT CONCRETE FRICTION COURSE, FC-5, PG 76-22, ARB 40 TN
- ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22, PMA 1 TN
- ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22, PMA 5 TN
- ASPHALT CONCRETE FRICTION COURSE,TRAFFIC D, FC-12.5, PG 76-22, PMA 5 TN
- ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-9.5, PG 76-22, ARB 160 TN
- ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-12.5, PG 76-22, ARB 40 TN
- ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22, ARB 160 TN
- ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22, ARB 20 TN
- MISCELLANEOUS ASPHALT PAVEMENT 20 TN
- CONCRETE CLASS II, CULVERTS 50 CY
- CONCRETE CLASS IV, CULVERTS 30 CY
- CONC CLASS IV, RETAINING WALLS 30 CY
- REINFORCING STEEL- RETAINING WALL 350 LB
- REINFORCING STEEL- MISCELLANEOUS 1000 LB
- INLETS, CURB, TYPE P-1, <10' 2 EA
- INLETS, CURB, TYPE P-5, <10' 6 EA
- INLETS, CURB, TYPE P-5, >10' 2 EA
- INLETS, CURB, TYPE P-5, PARTIAL 2 EA
- INLETS, CURB, TYPE P-5, MODIFY 2 EA
- INLETS, CURB, TYPE P-6, <10' 6 EA
- INLETS, CURB, TYPE P-6, >10' 1 EA
- INLETS, CURB, TYPE P-6, PARTIAL 2 EA
- INLETS, CURB, TYPE P-6, MODIFY 2 EA
- INLETS, CURB, TYPE J-5, <10' 2 EA
- INLETS, CURB, TYPE J-5, >10' 1 EA
- INLETS, CURB, TYPE J-6, <10' 2 EA
- INLETS, CURB, TYPE J-6, >10' 2 EA
- INLETS, DT BOT, TYPE C,<10' 1 EA
- INLETS, DT BOT, TYPE C,JBOT, <10' 2 EA
- INLETS, DT BOT, TYPE C, JBOT, >10' 1 EA
- INLETS, DT BOT, TYPE D, <10' 4 EA
- INLETS, DT BOT, TYPE D, >10' 2 EA
- INLETS, DITCH BOTTOM, TYPE F, PARTIAL 2 EA
- INLETS, DITCH BOTTOM, TYPE G, <10' 2 EA
- INLETS, DITCH BOTTOM, TYPE G, >10' 1 EA
- INLETS, DITCH BOTTOM, TYPE G, J BOT, <10' 2 EA

▪ INLETS, DITCH BOTTOM, TYPE G, J BOT, >10'	1	EA
▪ INLETS, GUTTER, TYPE V, <10'	4	EA
▪ INLETS, GUTTER, TYPE V, >10'	2	EA
▪ INLETS, GUTTER, TYPE V, J BOT, <10'	2	EA
▪ INLETS, GUTTER, TYPE V, J BOTTOM, >10'	2	EA
▪ MANHOLES, P-7, <10'	2	EA
▪ MANHOLES, P-7, >10'	4	EA
▪ MANHOLES, P-7, PARTIAL	2	EA
▪ MANHOLES, J-7, <10'	4	EA
▪ MANHOLES, J-7, >10'	2	EA
▪ MANHOLES, J-7, PARTIAL	2	EA
▪ INLETS, ADJUST	10	EA
▪ MANHOLE, ADJUST	10	EA
▪ VALVE BOXES, ADJUST	5	EA
▪ DRAINAGE STRUCTURES, MISCELLANEOUS, ADJUST	5	EA
▪ REPLACE GRATE	10	EA
▪ DESILTING PIPE, 0 - 24 Desilt in the Wet	273	LF
▪ DESILTING PIPE, 25 - 36 Desilt in Dry Condition	750	LF
▪ DESILTING PIPE, 37 - 48 Desilt in Dry Condition	400	LF
▪ DESILTING PIPE, 49 - 60 Desilt in the Wet	159	LF
▪ DESILTING PIPE, 61 OR GREATER Desilt in the Wet	400	LF
▪ PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15S/CD	100	LF
▪ PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18S/CD	500	LF
▪ PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24S/CD	200	LF
▪ PIPE CULVERT, OPT MATERIAL, ROUND, 30S/CD	200	LF
▪ PIPE CULVERT, OPT MATERIAL, ROUND, 36S/CD	200	LF
▪ PIPE CULVERT, OPT MATERIAL, ROUND, 42S/CD	100	LF
▪ PIPE CULVERT, OPT MATERIAL, ROUND, 48S/CD	100	LF
▪ PIPE CULVERT, OPT MATERIAL, ROUND, 54S/CD	100	LF
▪ PIPE CULVERT, OPT MATERIAL, ROUND, 60S/CD	100	LF
▪ PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 15S/CD	50	LF
▪ PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18S/CD	50	LF
▪ PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24S/CD	50	LF
▪ U-ENDWALL, STD 261, 1:4 SLOPE, 18PIPE	4	EA
▪ PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	20	CY
▪ TRENCH DRAIN, STANDARD	150	LF
▪ FRENCH DRAIN, 24	400	LF
▪ FRENCH DRAIN, 36	100	LF
▪ PIPE HANDRAIL - GUIDERAIL, STEEL	150	LF
▪ PIPE HANDRAIL - GUIDERAIL, ALUMINUM	150	LF
▪ CONCRETE CURB & GUTTER, TYPE F	600	LF

- CONCRETE CURB, TYPE D 100 LF
- VALLEY GUTTER- CONCRETE 100 LF
- SHOULDER CONCRETE BARRIER WALL, RIGID RETAINING 20 LF
- CONCRETE SIDEWALK AND DRIVEWAYS, 4 THICK 150 SY
- CONCRETE SIDEWALK AND DRIVEWAYS, 6 THICK 50 SY
- CONCRETE DITCH PAVEMENT, NON REINFORCED, 4 10 SY
- CONCRETE DITCH PAVEMENT, 4, REINFORCED 50 SY
- PAVERS, ARCHITECTURAL, SIDEWALK 150 SY
- DETECTABLE WARNINGS 8 SF
- GUARDRAIL -ROADWAY 100 LF
- SPECIAL GUARDRAIL POST 5 EA
- GUARDRAIL REMOVAL 100 LF
- FENCING, TYPE B, 5.1-6.0', STANDARD 200 LF
- FENCING, TYPE B, 5.1-6.0, RESET EXISTING 50 LF
- PERFORMANCE TURF 1000 SY
- PERFORMANCE TURF, SOD 1000 SY
- SINGLE POST SIGN, RELOCATE 5 AS
- SINGLE POST SIGN, REMOVE 5 AS
- MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE 5 AS
- MULTI- POST SIGN, REMOVE 5 AS
- OBJECT MARKER, TYPE 1 TWO # 04 5 EA
- RETRO-REFLECTIVE PAVEMENT MARKERS 100 EA
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6 0.1 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8 0.1 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12 400 LF
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18 600 LF
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24 100 LF
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6 WIDE 0.1 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6 0.2 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL 2 EA
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS 5 EA
- PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6 0.1 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18 20 LF

- PAINTED PAVEMENT MARKINGS, STANDARD, BLUE, SOLID FOR PARKING LOT- ACCESSIBLE MARKINGS, 6 50 LF
- THERMOPLASTIC, STANDARD, WHITE, SOLID, 12 FOR CROSSWALK AND ROUNDABOUT 600 LF
- THERMOPLASTIC, STANDARD, WHITE, SOLID, 18 FOR DIAGONALS AND CHEVRONS 400 LF
- THERMOPLASTIC, STANDARD, WHITE, SOLID, 24 FOR STOP LINE AND CROSSWALK 50 LF
- THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6 0.1 GM
- THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL 5 EA
- THERMOPLASTIC, STANDARD, WHITE, ARROW 5 EA
- THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18 FOR DIAGONAL OR CHEVRON 100 LF
- THERMOPLASTIC, STANDARD, BLUE, SOLID,6 100 LF
- THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8 0.1 GM
- THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES YELLOW, SOLID, 8 0.1 GM
- THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6,10-30 SKIP OR 3-9 LANE DROP 0.1 GM
- THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS 50 SF
- LIGHT POLE COMPLETE, REMOVE 5 EA
- LUMINAIRE, REMOVE 5 EA
- CONDUIT, FURNISH & INSTALL, OPEN TRENCH 100 LF
- CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE 50 LF
- PULL & SPLICE BOX, F&I, 13 x 24 COVER SIZE 5 EA
- ALUMINUM SIGNALS POLE, PEDESTAL 5 EA
- ALUMINUM SIGNALS POLE, REMOVE 2 EA
- PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY 5 AS
- PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS 5 AS
- LOOP DETECTOR INDUCTIVE, F&I, TYPE 9 5 EA
- LOOP ASSEMBLY- F&I, TYPE A 5 AS
- PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD 10 EA
- TRAFFIC CONTROLLER ASSEMBLY, MODIFY 1 AS

Project Number: 027

Project Name: Bay Shore One Project – 1100 100th Street – Bay Harbor Island, FL
Owner: Thornton Construction

Contractor:	Thornton Construction
Contact:	Anthony Pasqualone
Address:	4300 Biscayne Blvd – Suite 207 Miami, FL 33137
Phone:	305-649-1995
Fax:	305-649-1295

Completed:	December 2016
Contract Amount:	$34,841.25

Contract Scope:

▪ MOBILIZATION	1	LS
▪ SITE CLEARING & GRUBBING	0.45	ACRE
▪ SILT FENCE	560	LF
▪ SUBSOIL EXCAVATION	1185	CY
▪ EARTH RAMP	1	LS
▪ LIMEROCK BASE	1	LS

Project Number: 028

Project Name:	CT A – Relocation of Onsite Utilities and Drainage
Owner:	Port of Miami

Contractor:	Central Florida Equipment Rentals, Inc. (Prime)
Contact:	Ana Depriest
Address:	9030 NW 97th Terrace Medley, FL 33178
Phone:	305-345-9039
Fax:	305-887-7804

Completed:	June 2017
Contract Amount:	$1,413,688.89

Contract Scope:

▪ UTILITIES		
▪ MOBILIZATION	1	LS
▪ 12 DIP WATER MAIN (L&E)	1	LS
▪ 6 DIP WATER MAIN (L&E)	1	LS
▪ FIRE HYDRANT w/ 6 GV & 4 BOLLARDS(L&E)	1	LS
▪ 12 BENDS (L&E)	1	LS
▪ 12 x 6 TEES (L&E)	1	LS
▪ 12 GATE VALVES	1	LS
▪ SANITARY SEWER MANHOLE	1	LS
▪ SANITARY SEWER CAPS	1	LS
▪ ASPHALT DEMO / RESTORATION	1	LS
▪ DRAINAGE		
▪ MOBILIZATION	1	LS
▪ CURB INLET TYPE 5, 6	1	LS

- MEDIAN BARRIER INLET, TYPE 3 — 1 LS
- CATCH BASIN — 1 LS
- DRAINAGE MANHOLE — 1 LS
- ADJUST MANHOLES — 1 LS
- PIPE CULVERT OPTIONAL MATERIAL, 18 — 1 LS
- PIPE CULVERT OPTIONAL MATERIAL, 24 — 1 LS
- FRENCH DRAIN, 24 — 1 LS
- SPECIAL STRUCTURE, TWO CHAMBERED (6'x9.5'x9.5') — 1 LS
- ASPHALT DEMO / RESTORATION — 1 LS

Project Number: 029

Project Name:	Kendall Town Center (SW 96th Street and SW 157th Ave)
Owner:	Howard Hughes Corp.
Contractor:	Brightview Landscape Development
Contact:	Ariel Caballero
Address:	4155 East Mowry Dr. Homestead, FL 33033
Phone:	305-986-2249
Completed:	February 2017
Contract Amount:	$107,422.20

Contract Scope:

- MOBILIZATION — 1.00 LS
- CLEARING AND GRUBBING — 1.00 LS
- SURVEYING — 1.00 LS
- EXCAVATION (4 AVERAGE DEPTH) — 215.00 CY
- STABILIZED SUBGRADE — 1250.00 SY
- SOD GRADING (5' EACH SIDE OF SIDEWALK) — 2084.00 SY
- CONC. SIDEWALK (4 THK w/ 6X6 W2.9/W2.9 WWM) — 1250.00 SY
- BENCH PADS (5' x 8') — 4.00 EA
- SIDEWALK RAMP — 1.00 LS
- GRADING — 1.00 LS

Project Number: 030

Project Name:	Ballpark of the Palm Beaches
Owner:	Palm Beach County
Contractor:	Brightview Landscape Development
Contact:	Ariel Caballero
Address:	4155 East Mowry Dr. Homestead, FL 33033
Phone:	305-986-2249
Completed:	January 2017

Contract Amount: $214,397.29

Contract Scope:

▪ 4in THICK SIDEWALK w/ WELDED WIRE MESH	73976.00	SF
▪ LOADING DOCK (2 DOCKS - 6500 SF TOTAL)	1.00	LS
▪ FLUSH REINFORCED HEADER CURB	718.00	LF
▪ BATTING CAGE TUNNEL SLAB	7890.00	SF
▪ PUMP RENTAL - 2 DAILY RATE	2.00	DA
▪ PUMP RENTAL - 2 DAILY RATE	7.00	DA
▪ FLUSH REINFORCED HEADER CURB	705.00	LF
▪ 6in THICK SIDEWALK w/ WELDED WIRE MESH (COLOR)	2970.00	SF
▪ 8in THICK SIDEWALK w/ #4 O.C.E.W (COLOR)	1430.00	SF

Project Number: 031

Project Name:	SR – 823 NW 57th Ave
Owner:	Florida Department of Transportation
Contractor:	Central Florida Equipment Rentals, Inc. (Prime)
Contact:	Ana Depriest
Address:	9030 NW 97th Terrace Medley, FL 33178
Phone:	305-345-9039
Fax:	305-887-7804
Completed:	February 2017
Contract Amount:	$11,912.00

Contract Scope:

▪ FINISH GRADE WORK	1	LS

Project Number: 032

Project Name:	SR 874 Project
Owner:	MDX – Miami Dade Expressway Authority
Contractor:	The de Moya Group
Contact:	Fabricio Cedillo
Address:	14600 SW 136th Street Miami, FL 33186
Phone:	305-987-4097
Fax:	305-255-1935
Completed:	December 2018
Contract Amount:	$584,780.45

Contract Scope:

▪ MOBILIZATION	1.0	LS
▪ CLEARING AND GRUBBING	1.0	LS

▪ C&G - CONTROL STRUCTURE	1.0	EA
▪ C&G - DITCH BOTTOM INLET	10.0	EA
▪ C&G - ENDWALL	1.0	EA
▪ C&G - MANHOLE	2.0	EA
▪ C&G - FRENCH DRAIN 36	310.0	LF
▪ C&G - PIPE	210.0	LF
▪ CONCRETE CLASS I - ENDWALLS	1.00	EA
▪ INLETS, DT BOT, TYPE B, <10'	5.0	EA
▪ INLETS, DT BOT, TYPE D, MODIFY	2.0	EA
▪ INLETS, DT BOT, TYPE E, <10'	6.0	EA
▪ INLETS, DT BOT, TYPE E, PARTIAL	2.0	EA
▪ INLETS, BARRIER WALL, <10'	8.0	EA
▪ INLETS, BARRIER WALL, >10'	1.0	EA
▪ INLETS, BARRIER WALL, J BOT, <10'	3.0	EA
▪ INLETS, BARRIER WALL, J BOT, >10'	2.0	EA
▪ MANHOLES, P-7, <10'	6.0	EA
▪ MANHOLES, TYPE 7, PARTIAL	2.0	EA
▪ MANHOLES, J-7, <10'	1.0	EA
▪ MANHOLES, J-7, >10'	2.0	EA
▪ PIPE CULV, OPT MATL, ROUND, 18S/CD	1,379.0	LF
▪ PIPE CULV, OPT MATL, ROUND, 18S/CD	144.0	LF
▪ PIPE CULV, OPT MATL, ROUND, 24S/CD	793.0	LF
▪ PIPE CULV, OPT MATL, ROUND, 30S/CD	28.0	LF
▪ PIPE CULV, OPT MATL, ROUND, 36S/CD	20.0	LF
▪ FRENCH DRAIN, 24	1,006.0	LF
▪ 18 RCP CLASS IV	15.0	LF
▪ 18 RCP CLASS V	34.0	LF
▪ CLEAN\VIDEO PIPE (NEW PIPE ONLY)	2,269.0	LF
▪ CLEAN STRUCTURES	40.0	EA
▪ MOBILIZATION 24961435201	1.0	LS
▪ TEMP PAVEMENT (SUBGRADE & 6 BASE)	1.0	SY
▪ PULVERIZE EXISTING ASPHALT (4 MAX DEPTH)	16,685.0	SY
▪ REGULAR EXCAVATION	5,887.0	CY
▪ EMBANKMENT	4,885.0	CY
▪ TYPE B STABILIZATION	41,101.0	SY
▪ OPTIONAL BASE, BASE GROUP 06	41,101.0	SY
▪ CURB TYPE E, GRADING ONLY	727.0	LF
▪ CONC CURB & GUTR, F (4 LRB PAD & GRADING ONLY)	18,447.0	LF
▪ VALLEY GUTTER, 2' GRADING ONLY	2,021.0	LF
▪ TRAF SEP CONC, IV, 6' W (GRADING ONLY)	1.0	LF
▪ MED CONC BARRIER WALL (GRADING ONLY)	1.0	LF
▪ SIDEWALK 4 (GRADING ONLY)	8,998.0	SY
▪ SIDEWALK 6 (GRADING ONLY)	2,565.0	SY

- GUARDRAIL ?ROADWAY (GRADING ONLY) 1.0 LF
- FENCE B, 6' STANDARD (GRADING ONLY) 1.0 LF
- PERFORMANCE TURF,SOD, (GRADING ONLY) 5,406.0 SY

Project Number: 033

Project Name:	Turnpike (HEFT) from Eureka Drive to Killian Parkway
Owner:	Florida Department of Transportation
Contractor:	The de Moya Group
Contact:	Fabricio Cedillo
Address:	14600 SW 136th Street Miami, FL 33186
Phone:	305-987-4097
Fax:	305-255-1935
Completed:	April 2017
Contract Amount:	$17,241.00

Contract Scope:

- RIPRAP, SAND CEMENT 20 CY

Project Number: 035

Project Name:	West 31st Street and West 32nd Street from West 12th Ave to West 12th Ave to West 9th Avenue; West 11th Avenue and West 9th Avenue from West 30th Street to West 33rd Street
Owner:	City of Hialeah
Contractor:	Horizon Contractors, Inc.
Contact:	Jose M Sanchez
Address:	8175 West 32nd Ave – Bay 2 Hialeah, FL 33018
Phone:	305-216-8403
Fax:	305-820-0905
Completed:	July 2017
Contract Amount:	$580,593.75

Contract Scope:

- CONCRETE CURB AND GUTTER TYPE F 11,777.0 LF
- CONCRETE CURB TYPE D 1,650.0 LF
- CONCRETE VALLEY GUTTER (2') 1,177.0 LF
- CONCRETE SIDEWALK (4 THICK) 5,416.0 SY
- CONCRETE SIDEWALK (6 THICK) 6,267.0 SY

Project Number: 036

Project Name:	SR 5 (SE 2nd Ave) and SR 5 (US 1/Biscayne Blvd)
Owner:	Florida Department of Transportation
Contractor:	The Stout Group, LLC (Prime)
Contact:	Joey Sanchez, PE
Address:	10850 NW 138th Street – Bay 3 Hialeah Gardens, FL 33018
Phone:	305-216-8406
Fax:	305-397-2311
Completed:	December 2018
Contract Amount:	$3,499,047.23

Contract Scope:

▪ MOBILIZATION 41247375201	1	LS
▪ MOBILIZATION 41247375202	1	LS
▪ MOBILIZATION 41247395201	1	LS
▪ MAINTENANCE OF TRAFFIC 41247375201	1	LS
▪ MAINTENANCE OF TRAFFIC 41247375202	1	LS
▪ MAINTENANCE OF TRAFFIC 41247395201	1	LS
▪ SPECIAL DETOUR 1 41247395201	1	LS
▪ COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	38	CY
▪ TRAFFIC CONTROL OFFICER	374	HR
▪ WORK ZONE SIGN	13446	ED
▪ BARRIER WALL, TEMPORARY, F&I, TYPE K	2166	LF
▪ BARRIER WALL, TEMPORARY, RELOCATE, TYPE K	2500	LF
▪ CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	32492	ED
▪ CHANNELIZING DEVICE, TYPE III, 6'	6042	ED
▪ CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	34100	ED
▪ ARROW BOARD / ADVANCE WARNING ARROW PANEL	1638	ED
▪ TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	246	EA
▪ TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	32	LO
▪ PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	1160	ED
▪ TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	1680	ED
▪ TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	1680	ED
▪ INLET PROTECTION SYSTEM	30	EA
▪ LITTER REMOVAL	33.97	AC
▪ MOWING	0.18	AC
▪ MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING 41247375202	1	LS
▪ MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING 41247395201	1	LS

- MONITOR EXISTING STRUCTURES- VIBRATION MONITORING 41247395201 1 LS
- CLEARING & GRUBBING 41247375202 1 LS
- CLEARING & GRUBBING 41247395201 1 LS
- REMOVAL OF EXISTING CONCRETE PAVEMENT 322 SY
- DELIVERY OF SALVAGEABLE MATERIAL TO FDOT 41247375202 1 LS
- DELIVERY OF SALVAGEABLE MATERIAL TO FDOT 41247395201 1 LS
- REGULAR EXCAVATION 1061 CY
- EMBANKMENT 10 CY
- TYPE B STABILIZATION 2389 SY
- PREPARED SOIL LAYER, FINISH SOIL LAYER, 6 149 SY
- REWORKING LIMEROCK BASE, 6 2177 SY
- OPTIONAL BASE, BASE GROUP 10 2211 SY
- ASPHALT TREATED PERMEABLE BASE 20 CY
- MILLING EXIST ASPH PAVT, 2 AVG DEPTH 6210 SY
- MILLING EXIST ASPH PAVT, 2 1/2 AVG DEPTH 7456 SY
- SUPERPAVE ASPHALTIC CONC, TRAFFIC C 1402 TN
- ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22 876.2 TN
- MISCELLANEOUS ASPHALT PAVEMENT 4.5 TN
- PLAIN CEMENT CONCRETE PAVEMENT, 10 178 SY
- PLAIN CEMENT CONCRETE PAVEMENT, 12 4 SY
- REINFORCED CEMENT CONCRETE PAVEMENT,6 8 SY
- CONCRETE CLASS II, CULVERTS 1 CY
- CONC CLASS IV, BULKHEAD 6.3 CY
- REINFORCING STEEL- MISCELLANEOUS 308 LB
- REINFORCING STEEL- BULKHEAD 274 LB
- INLETS, CURB, TYPE 9, <10' 6 EA
- INLETS, CURB, TYPE 9, J BOT, >10' 1 EA
- INLETS, CURB, TYPE 9, PARTIAL 1 EA
- INLETS, CURB, TYPE 9, MODIFY 2 EA
- INLETS, CURB. TYPE P-3, >10' 1 EA
- INLETS, CURB, TYPE P-5, <10' 1 EA
- INLETS, CURB, TYPE P-5, >10' 2 EA
- INLETS, CURB, TYPE P-6, <10' 3 EA
- INLETS, CURB, TYPE P-6, >10' 4 EA
- INLETS, CURB, TYPE J-6, <10' 1 EA
- INLETS, CURB, TYPE J-6, >10' 1 EA
- MANHOLES, P-7, >10' 5 EA
- MANHOLES, P-8, <10' 1 EA
- MANHOLES, J-7, <10' 2 EA
- MANHOLES, J-7, >10' 6 EA
- MANHOLES, J-8, PARTIAL 1 EA

- DRAINAGE MANHOLES, PROJECT 412473-9-52-02, J-7 6' x 10' WITH ADDITIONAL RISER AND WALL 1 EA
- DRAINAGE MANHOLES, PROJECT 412473-9-52-02, J-7 5' x 8.5' WITH ADDITIONAL RISER AND WALL 1 EA
- MANHOLE, ADJUST 1 EA
- MODIFY EXISTING DRAINAGE STRUCTURE 1 EA
- PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 12S/CD 24 LF
- PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15S/CD 24 LF
- PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18S/CD 327 LF
- PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24S/CD 804 LF
- PIPE CULVERT, OPT MATERIAL, ROUND, 30S/CD 119 LF
- PIPE CULVERT, OPT MATERIAL, ROUND, 42S/CD 9 LF
- PIPE CULVERT, OPT MATERIAL, ROUND, 48S/CD 47 LF
- PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 15S/CD 37 LF
- PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18S/CD 22 LF
- PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 30S/CD 143 LF
- FLAP GATES, 0-24 1 EA
- FLAP GATES, 37-48 1 EA
- FLAP GATES, 49-60 1 EA
- TRENCH DRAIN, STANDARD 181 LF
- SHEET PILING STEEL, F&I PERMANENT 561 SF
- CONCRETE CURB & GUTTER, TYPE F 1805 LF
- CONCRETE CURB, TYPE D 36 LF
- CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH 119 SY
- CONCRETE SIDEWALK AND DRIVEWAYS, 4 THICK 709 SY
- CONCRETE SIDEWALK AND DRIVEWAYS, 6 THICK 427 SY
- PAVERS, ARCHITECTURAL, SIDEWALK 654 SY
- DETECTABLE WARNINGS 450 SF
- GUARDRAIL -ROADWAY, GENERAL TL-3 119 LF
- GUARDRAIL REMOVAL 124 LF
- GUARDRAIL END ANCHORAGE ASSEMBLY/END TREATMENT- PARALLEL 1 EA
- CRASH CUSHION 2 EA
- PERFORMANCE TURF, SOD 60 SY
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6 2.058 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8 0.291 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12 1745 LF

- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18 360 LF
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24 1078 LF
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6 WIDE 0.483 GM
- PAINTED PAVEMENT MARKING, STANDARD,WHITE, 3'-9' SKIP DROP LINE AND APPROACH TO TOLL PLAZA, 12 WIDE, 0.018 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6 0.188 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL 17 EA
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS 38 EA
- PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6 0.995 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8 0.166 GM
- PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18 507 LF
- PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6 0.032 GM
- POLLUTION CONTROL STRUCTURE WITH BAFFLE AND FILTER, 6' DIAMETER, PROJECT 412473-9-52-02 1 EA
- POLLUTION CONTROL STRUCTURE WITH BAFFLE AND FILTER, 8' DIAMETER, PROJECT 412473-9-52-02 1 EA
- INITIAL CONTINGENCY AMOUNT, DO NOT BID 41247375201 1 LS
- INITIAL CONTINGENCY AMOUNT, DO NOT BID 41247375202 1 LS
- INITIAL CONTINGENCY AMOUNT, DO NOT BID 41247395201 1 LS
- INITIAL CONTINGENCY AMOUNT, DO NOT BID 41247395202 1 LS
- SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF 43 AS
- SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF 1 AS
- SINGLE POST SIGN, RELOCATE 2 AS
- SINGLE POST SIGN, REMOVE 17 AS
- MULTI- POST SIGN, REMOVE 1 AS
- SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF 4 EA
- SIGN PANEL, INSTALL, UP TO 12 SF 1 EA
- SIGN PANEL, REMOVE, UP TO 12 SF 2 EA
- SIGN PANEL, REMOVE, 101-200 SF 3 EA
- PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE 7 SF
- PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE 10 SF

- PAINTED PAVEMENT MARKINGS, FINAL SURFACE 41247375201 1 LS
- PAINTED PAVEMENT MARKINGS, FINAL SURFACE 41247395201 1 LS
- THERMOPLASTIC, STANDARD, WHITE, SOLID, 8 FOR INTERCHANGE AND URBAN ISLAND 0.104 GM
- THERMOPLASTIC, STANDARD, WHITE, SOLID, 12 FOR CROSSWALK AND ROUNDABOUT 775 LF
- THERMOPLASTIC, STANDARD, WHITE, SOLID, 18 FOR DIAGONALS AND CHEVRONS 360 LF
- THERMOPLASTIC, STANDARD, WHITE, SOLID, 24 FOR STOP LINE AND CROSSWALK 389 LF
- THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6 0.173 GM
- THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL 9 EA
- THERMOPLASTIC, STANDARD, WHITE, ARROW 35 EA
- THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18 FOR DIAGONAL OR CHEVRON 492 LF
- THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6 0.002 GM
- THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12 FOR CROSSWALK 777 LF
- THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24 FOR CROSSWALK 1286 LF
- THERMOPLASTIC, PREFORMED, WHITE, MESSAGE 9 EA
- THERMOPLASTIC, PREFORMED, WHITE, ARROW 3 EA
- THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD 5 EA
- THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6 1.402 GM
- THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8 0.187 GM
- THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6,10-30 SKIP OR 3-9 LANE DROP 0.483 GM
- THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP 0.018 GM
- THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6 0.42 GM
- THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8 0.141 GM
- CONDUIT, FURNISH & INSTALL, OPEN TRENCH 293 LF
- CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE 450 LF
- PULL & SPLICE BOX, F&I, 13 x 24 COVER SIZE 7 EA
- LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6 3002 LF
- LIGHT POLE COMPLETE, F&I, WIND SPEED 150, POLE - 40' 1 EA

THE STOUT GROUP, LLC.

EQUIPMENT

EQUIP TYPE	MAINT. CODE	EQUIP CODE	YEAR	MAKE	MODEL	SERIAL NUMBER
Air Compressor	51807	AC-001	2006	Sullair	S185	200601110025
Curb Machine	51832	CM-001		Miller Formless	M1000	attachment: PWC00238
Dozer	51850	D-001	2016	Caterpillar	D5K2LGP	KY200678
Dump Truck	51815	DT-001	1995	Mack	CH612	1M1AA19Y2SW007600
Excavator	51833	E-002	2015	Caterpillar	335FLCR	KNE00410
Excavator	51838	E-003	2015	Komatsu	PC490LC-11	KMTPC251KFWA41139
Excavator - MINI	51849	E-004	2014	Caterpillar	308E2CR	FJX00265
Forklift	51822	FL-001		TCM	FG25N2ST	A21F25207
Loader	51816	L-001	2015	Volvo	L70G	L70G-614526
Loader	51820	L-002	2016	Volvo	L70H	L70H622396
Mobile Excavator	51823	ME-001	2002	Gradall	XL3100	*03133315
Paver	51806	PAV-001	2002	Mauldin	1750 C Crawler	1031
Paver	51840	PAV-002	2010	Mauldin	1750C	402J75TJS6Y202402
Paver	51845	PAV-003	2019	Caterpillar	AP555F	AP500278
Pickup	51801	P-001	2005	Ford	F250	1FTSX21555EA58674
Pickup	51802	P-002	2006	Ford	F250	1FDNF20526EA79500
Pickup	51804	P-003	2015	Chevrolet	Silverado 2500	1GC1KWE86FF197455
Pickup	51825	P-004	2009	Chevrolet	3500 HD CREW CAB	1GCJC73689F178382
Pickup	51826	P-005	2013	Chevrolet	3500 HD FLATBED	1GB3CZC88DF179096
Pickup	51827	P-006	2009	Chevrolet	3500 HD FLATBED	1GBJC74659E131545
Pickup	51842	P-007	2020	GMC	SIERRA 1500	1GTU9EET9LZ261845
Roller	51808	R-001	1998	Caterpillar	CB-214C	9XK00876
Roller	51839	R-002	2012	Caterpillar	CB64	CAT0CB64PDJM00359
Roller	51841	R-003	2008	Caterpillar	CB22	22000120
Roller	51846	R-004	2012	Caterpillar	CB-434D	CATCB434ECNH01302
Roller	51848	R-005	2014	Caterpillar	CS54B	L4H00434
Skid Steer	51809	SS-001	2015	Caterpillar	272DXHP	ETL00553
Skid Steer	51809	SS-001A	2015	Caterpillar	CATBA118C	CEPILLO
Skid Steer	51842	SS-002	2020	Caterpillar	229D3XE	BX901095
Soil Stabilizer	51835	SOIL-001	1995	CMI	RS425 4x4x4	526147
Street Sweeper	51847	STSW-001	2009	Johnston	Conti Street Sweeper	1J9VM4LF19C172071
Tack Sprayer	51819	T-001	2016	Mauldin	MT300	EQ0050842
Trailer	51803	TR-001	2014	Big Tex	14ET-18	16VEX1829E3055053
Trailer	51810	TR-002	2015	Carolina Trailer	25TN Paver Trailer	1C9DP2827G1804034
Trailer	51812	TR-003	2015	Carry-On Trailer	5X8 G	4YMUL0812FG063202
Trailer	51853	TR-004	2020		Asphalt Straightedge	NOVIN0201311849
Truck	51813	TK-001	2006	Ford	F750 XL Reel Truck	3FRXF75P26V347652
Truck	51814	TK-002	1987	Ford	L8000 FUEL&LUBE Truck	1FDYR82A5HVA21899
Truck	51844	TK-003	2011	Ford	F450 XL Mechanics TK	1FD0X4GT3BEA92211
Truck - MOT / Old STSW	51834	TK-004	2002	Sterling	SC8000	49HAADBV52DK27440
Truck - Tack	51852	TT-001	2020	Kenworth	Entyre Centennial	2NKHHM7XXLM420599
Van	51829	V-001	2017	Chevrolet	EXPRESS	1GCWGAFFXH1139095
Van	51830	V-002	2017	Chevrolet	EXPRESS	1GCWGAFF9H1115855
Van	51831	V-003	2018	Honda	ODYSSEY	5FNRL6H9XJB017928
Water Truck	51805	WT-001	2000	Sterling	L8513 - 2250 Gallon	2FWWMJBA0YAF29252
Water Truck	51818	WT-002	1999	Sterling	A9513 - 2000 Gallon	2FWWJWDB1XAB94044

Ron DeSantis, Governor

Melanie S. Griffin, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE UNDERGROUND UTILITY & EXCAVATION CO HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

SANCHEZ, JOSE MARIA III

THE STOUT GROUP, LLC
10850 NW 138TH STREET
BAY #3
HIALEAH GARDENS FL 33018

LICENSE NUMBER: CUC1224022

EXPIRATION DATE: AUGUST 31, 2026

Always verify licenses online at MyFloridaLicense.com

ISSUED: 08/03/2024

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Ron DeSantis, Governor

Melanie S. Griffin, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

SANCHEZ, JOSE MARIA III

THE STOUT GROUP, LLC
10850 NW 138TH STREET
BAY #3
HIALEAH GARDENS FL 33018

LICENSE NUMBER: CGC1507974

EXPIRATION DATE: AUGUST 31, 2026

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ISSUED: 08/03/2024

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Ron DeSantis, Governor

Melanie S. Griffin, Secretary

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

SANCHEZ, JOSE MARIA III

10850 NW 138 STREET
BAY #3
HIALEAH GARDENS FL 33018

LICENSE NUMBER: PE67764

EXPIRATION DATE: FEBRUARY 28, 2027

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Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

April 23,2025

THE STOUT GROUP LLC
10850 NW 138TH STREET
MIAMI, FLORIDA 33018

RE: CERTIFICATE OF QUALIFICATION

The Department of Transportation has qualified your company for the type of work indicated below.

FDOT APPROVED WORK CLASSES:
DRAINAGE, FENCING, FLEXIBLE PAVING, GRADING, GRASSING, SEEDING AND SODDING, HOT PLANT-MIXED BITUM. COURSES, PAVEMENT MARKING, ROADWAY SIGNING, SIDEWALK, LIFT STATION, SHEET PILING, UNDERGROUND UTILITIES (WATER AND SEWER), UNDERGROUND UTILITIES (ELECTRIC)

Unless notified otherwise, this Certificate of Qualification will expire **6/30/2026.**

In accordance with Section 337.14(1), Florida Statutes, an application for qualification must be filed within (4) months of the ending date of the applicant's audited annual financial statements.

If the company's maximum capacity has been revised, it may be accessed by logging into the Contractor Prequalification Application System via the following link:
HTTPS://fdotwp1.dot.state.fl.us/ContractorPreQualification

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

The company may apply for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code (F.A.C.), by accessing the most recently approved application as shown above and choosing "Update" instead of "View." If certification in additional classes of work is desired, documentation is needed to show that the company has performed such work.

All prequalified contractors are required by Section 14-22.006(3), F.A.C., to certify their work underway monthly in order to adjust maximum bidding capacity to available bidding capacity. You can find the link to this report at the website shown above.

Sincerely,

James E. Taylor II

James E. Taylor II, Prequalification Supervisor
Contracts Administration Office

JTII

Contractor License Information

Contractor Number:	E1400317	
Contractor name:	THE STOUT GROUP LLC	
Address:	10850 NW 138TH ST BAY3	
City, St, Zip:	HIALEAH GARDENS	FL 33018
Phone:	(786) 452-1481	
Other Phone:		
Fax:	(786) 452-1481	
Email:	YZULUAGA@THESTOUTGROUP.COM	
D/B/A:		
Contractor Status:	ACTIVE	

Class	Category	Category Description	Expiration Date
ENGR	3	PIPE LINE ENG	09/30/2025
ENGR	4	STRUCTURAL ENG	09/30/2025
ENGR	7	PAVING ENGINEERING	09/30/2025
ENGR	9	EXCAU & GRADING ENG	09/30/2025

CONTRACTOR INQUIRY COMPLETE

BCCO Contractor Inquiry and Complaint Search | BCCO Home Page | State License Search Menu

Home | About | Phone Directory | Privacy | Disclaimer

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MIAMI-DADE COUNTY
Daniella Levine Cava, Mayor

Office of Small Business Development
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111 F 305-375-3160
miamidade.gov

December 31, 2024

Yvette Zuluaga
The Stout Group LLC
10850 NW 138 St.,#3
Hialeah Gardens, FL 33018

Approval Date: December 19, 2024 - Disadvantaged Business Enterprise (DBE)
Anniversary Date: October 2, 2025

Dear Yvette Zuluaga,

Miami-Dade County Office of Small Business Development (SBD), is pleased to notify you that your firm is certified under the Florida Unified Certification Program (UCP). Your firm meets the eligibility requirements for certification as a Disadvantaged Business Enterprise (DBE) in accordance with 49 CFR Part 26.

DBE certification is continuous with no expiration date; however, firms are required to attest that there are no changes via the No Change Declaration form on or before the firm's anniversary date to remain certified. You will be notified of your annual responsibilities in advance of the Anniversary Date listed above. You must submit the annual No Change Declaration form no later than the Anniversary Date to maintain your eligibility. Your firm will be listed in the UCP DBE Directory which can be accessed through the Florida Department of Transportation's website: http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/.

DBE certification is NOT a guarantee of work, but it enables the firm to compete for and perform contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, sub-consultant or material supplier.

If at any time there is a material change in your firm, you must advise this office by sworn affidavit and supporting documentation within thirty (30) days. Changes include, but are not limited to ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going business relationships with other firms, individuals or the physical location of your firm. After our review, you will receive instructions as to how you should proceed, if necessary. Failure to comply will result in action to remove your firm's DBE certification.

It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: http://www.miamidade.gov/procurement/vendor-registration.asp. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or sbdcert@miamidade.gov.

Sincerely,

Jeanise Cummings-Labossiere
Section Chief, Small Business Development

NAICS & Industry Title: (Your firm is eligible to compete for and perform work on all USDOT Federal Aid projects throughout Florida and may earn DBE or ACDBE credit for work performed in the following areas.)

NAICS 236115: NEW SINGLE-FAMILY HOUSING CONSTRUCTION (EXCEPT FOR-SALE BUILDERS)
NAICS 236116: NEW MULTIFAMILY HOUSING CONSTRUCTION (EXCEPT FOR-SALE BUILDERS)
NAICS 236117: NEW HOUSING FOR-SALE BUILDERS
NAICS 236118: RESIDENTIAL REMODELERS
NAICS 236210: INDUSTRIAL BUILDING CONSTRUCTION
NAICS 236220: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

NAICS 237110: WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION
NAICS 237120: OIL AND GAS PIPELINE AND RELATED STRUCTURES CONSTRUCTION
NAICS 237130: POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION
NAICS 237210: LAND SUBDIVISION
NAICS 237310: HIGHWAY, STREET, AND BRIDGE CONSTRUCTION
NAICS 237990: OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION
NAICS 238110: POURED CONCRETE FOUNDATION AND STRUCTURE CONTRACTORS
NAICS 238120: STRUCTURAL STEEL AND PRECAST CONCRETE CONTRACTORS
NAICS 238910: SITE PREPARATION CONTRACTORS

003291

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

7126469

BUSINESS NAME/LOCATION
THE STOUT GROUP LLC
10850 NW 138TH ST UNIT 3
HIALEAH GARDENS FL 33018–1162

RECEIPT NO.
RENEWAL
7403751

EXPIRES
SEPTEMBER 30, 2025
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
THE STOUT GROUP LLC
JOSE M SANCHEZ III MGR

Worker(s) 13

SEC. TYPE OF BUSINESS
196 SPECIALTY ENGINEERING CONTRACT
CUC1224022

PAYMENT RECEIVED BY TAX COLLECTOR
$54.00 08/20/2024
INT–24–468643

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder s qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles -- Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

003290

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

7126451

BUSINESS NAME/LOCATION
THE STOUT GROUP LLC
10850 NW 138TH ST UNIT 3
HIALEAH GARDENS FL 33018–1162

RECEIPT NO.
RENEWAL
7403744

EXPIRES
SEPTEMBER 30, 2025
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
THE STOUT GROUP LLC
JOSE M SANCHEZ III MGR

Worker(s) 13

SEC. TYPE OF BUSINESS
196 GENERAL BUILDING CONTRACTOR
CGC1507974

PAYMENT RECEIVED BY TAX COLLECTOR
$54.00 08/20/2024
INT–24–468643

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder s qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

004186

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

7225032

BUSINESS NAME/LOCATION
THE STOUT GROUP LLC
10850 NW 138TH ST UNIT 3
HIALEAH GARDENS FL 33018–1162

RECEIPT NO.
RENEWAL
7509766

EXPIRES
SEPTEMBER 30, 2025
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
THE STOUT GROUP LLC
C/O JOSE M SANCHEZ

Worker(s) 1

SEC. TYPE OF BUSINESS
196 GENERAL ENGINEERING CONTRACTOR
E1400317

PAYMENT RECEIVED BY TAX COLLECTOR
$45.00 08/20/2024
INT–24–468643

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder s qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

1551

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ **Go to *www.irs.gov/FormW9* for instructions and the latest information.**

Give Form to the requester. Do not send to the IRS.

Print or type. See **Specific Instructions** on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

The Stout Group, LLC

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☑ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

10850 NW 138th Street Bay 3

Requester's name and address (optional)

6 City, state, and ZIP code

Hialeah Gardens, FL 33018

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–			–				

or

Employer identification number

4	5	–	5	3	1	2	1	1	9

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ Ruth Zuluaga Date ▶ 1/30/2025

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

State of Florida
Department of State

I certify from the records of this office that THE STOUT GROUP, LLC is a limited liability company organized under the laws of the State of Florida, filed on May 23, 2012, effective May 18, 2012.

The document number of this limited liability company is L12000069574.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on January 15, 2025, and that its status is active.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Fifteenth day of January, 2025



Secretary of State

Tracking Number: 5093696615CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19th, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Streetlighting Conversion and Transfer Project

RECOMMENDATION

Request the Village Council authorize the Village Manager to execute a contract and award Task Work Order No. 05 to BCC Engineering in the amount of $316,835.30 under the Village's Continuing Architectural & Engineering Services Agreement (RFQ 2021-08). This Task Work Order covers professional engineering services in support of the Village-wide Streetlighting Conversion Project.

DISCUSSION

Purpose: This Task Work Order advances the Village's comprehensive effort to modernize and improve its streetlighting system by expanding coverage, improving energy efficiency, and transitioning ownership of eligible lighting assets to Florida Power & Light (FPL).

Background: The project is a phased initiative designed to assess, upgrade, and standardize the Village's streetlighting infrastructure. Task Work Order No. 05 was developed in coordination with BCC Engineering and its subconsultant, TEC. The scope of services includes full field verification, photometric design, construction plans at 30%, 90%, and 100% completion, and coordination with FPL and Miami-Dade County for utility conversion and compliance.

Justification The modernization of the streetlighting system directly improves public safety, environmental sustainability, and operational efficiency. BCC Engineering's expertise, familiarity with Village infrastructure, and prior experience on related projects make them uniquely positioned to carry out this work.

Implementation/Integration Plan: Following Council approval, BCC Engineering will begin implementation immediately. Deliverables will be provided on a phased basis, including final construction-ready documents. Coordination with FPL and the County will be managed through the Public Works Department.

RESOURCE IMPACT

Recurring Funding: Not a Recurring expense.

Personnel: No new personnel required.

Equipment: BCC to determine if any new equipment will be required.

Facilities: All work will take place in the Right-of-Way

Training: Not applicable.

FUNDING SOURCES

- **GL Code**: 301-41-541-63095
- **Budget Line-Item**: HVAC Maintenance / Capital Projects
- **Amount**: $316,835.30
- **Replacement Units:** Funded through Capital Improvements Program

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

- Goal – Safe and Secure Village
- Focus Area – Maintain Safe Streets
- Action – Improve Village-wide streetlight coverage and maintenance

ATTACHMENT(S)

- BCC Proposal
- Streetlight Inventory

Prepared by: Christopher Miranda | Public Works Director

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AUTHORIZING THE VILLAGE MANAGER TO ISSUE A WORK ORDER TO BCC ENGINEERING, LLC FOR PROFESSIONAL ENGINEERING SERVICES RELATING TO THE STREETLIGHTING CONVERSION AND TRANSFER PROJECT IN AN AMOUNT NOT TO EXCEED $316,835.30; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Village of Key Biscayne ("Village") issued Request for Qualifications No. 2021-08 ("RFQ") for continuing professional services relating to architecture and engineering services (the "Services"); and

WHEREAS, pursuant to the RFQ, the Village Council selected BCC Engineering, LLC (the "Consultant") as one of the Consultants to provide the Services and authorized the Village Manager to execute an agreement with Consultant; and

WHEREAS, the Consultant has provided a proposal, attached hereto as Exhibit "A" (the "Proposal"), to perform the Services for the Streetlighting Conversion and Transfer Project (the "Project"), which includes, among other things, full field verification, photometric design, construction plans at 30%, 90%, and 100% completion, and coordination with FPL and Miami-Dade County for utility conversion and compliance; and

WHEREAS, the Village Council desires to authorize the Village Manager to issue a work order to the Consultant to perform the Services for the Project in an amount not to exceed $316,835.30, consistent with the Proposal attached hereto as Exhibit "A" and the agreement entered into between the Village and Consultant; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE

EXHIBIT A

~~April 02, 2025~~
~~April 25, 2025 – Revised~~
May 15, 2025 - Revised

Christopher Miranda
Public Works Director
Village of Key Biscayne
88 W McIntyre St Suite 250
Key Biscayne FL, 33149

Re: **Task Work Order #05: Village of Key Biscayne – Comprehensive Roadway Lighting Assessment, FPL Streetlight Transfer, LED Conversion, and New Streetlight Installation.**

Via email: cmiranda@keybiscayne.fl.gov

Mr. Miranda,

At the request of the **Village of Key Biscayne** ("the CLIENT"), **BCC Engineering, LLC** ("CONSULTANT") is pleased to submit this **Task Work Order** ("TWO") proposal for with professional services in the form of evaluating the existing roadway lighting system, identifying deficiencies, transitioning the VILLAGE's-owned streetlights to Florida Power & Light ("FPL"), converting existing lights to LED, and installing new lighting in the location of deficiencies..

This TWO order will be an integral part of the Continuing Architectural & Engineering Services Agreement - RFQ 2021-08 (the "Agreement") dated November 1st, 2021, between the VILLAGE and the CONSULTANT.

This proposal defines the description of the project, scope of work, schedule, compensation, and scope of work exclusions for this project's professional engineering services.

PROJECT UNDERSTANTING

The primary goal is to provide civil engineering to support the VILLAGE with the analysis of the existing streetlight infrastructure information, the coordination with the VILLAGE Stakeholders, FPL, and Miami-Dade County and the implementation efforts required for a successful transition to an optimized and sustainable streetlighting system.

SCOPE OF SERVICES

Meetings & Coordination

Task 1.0 – Project Coordination & Reporting

As part of this task BCC will provide project coordination and management activities.

In addition, BCC will prepare for and attend team meetings, as necessary. Representation at recurring team meetings will be vested in the project manager, with the inclusion of team experts as considered essential for specific disciplines.

BCC will provide support to the VILLAGE in coordinating project activities during the duration of the project with the designated consultants. BCC will facilitate effective communication channels, schedule meetings, and foster collaboration among all stakeholders involved.

Civil Engineering

Task 2.0 – Photometric Analysis & Lighting System Assessment

As part of this task, BCC will perform field investigations to document existing lighting conditions, including pole locations, fixture types, and ownership status. In addition, BCC will perform a photometric analysis to

identify the areas of non-compliance, assess the Wildlife Sensitive Areas and Dark Sky Compliance to ensure minimal impact.

BCC will prepare a Lighting Design Analysis Report that includes the Lighting Design Criteria, Photometric Calculation Results, Deficiency Assessment, Existing Luminaire Cut Sheets and improvements recommendations for the implementation phase.

BCC will retain TEC to perform the asset ownership status and coordination of the stakeholders

Task 2.1 – 30% Design Documents

BCC will prepare a 30% Design Documents Package. Prior to the submittal of the 30% Design Documents, BCC will submit a final force mains route alignment plan for

Deliverables

1. Field Verification of Lighting Conditions.
2. Initial Coordination with FPL & MDC.
3. Initial Lighting Analysis Report.

Task 2.2 – 90% Design Documents

BCC will prepare a 90% Design Documents Package based on the comments received by the VILLAGE on the 30% Design Documents.

Deliverables

1. Preliminary Photometrics Calculations.
2. Identification of light deficient areas
3. Draft Transfer Agreement for FPL.
4. Progress Lighting Analysis Report.

Task 2.3 – 100% Design Documents

BCC will prepare a 100% Design Documents Package based on the comments received by the VILLAGE on the 90% Design Documents.

Deliverables

1. Final Photometrics Calculations.
2. Final Lighting Analysis Report with recommendations.

Task 3.0 – Streetlight Transfer, LED Conversions, and Installations

As part of this task, BCC will identify the VILLAGE owned Lighting assets that are eligible for transfer to FPL. BCC will develop with the VILLAGE an implementation plan for transitioning the existing fixtures to LED lighting and a streetlight placement plan.

BCC will retain TEC to prepare the Transfer Agreements, conduct stakeholders' meetings and assist will the progress milestones.

Task 3.1 – Streetlight Transfer to FPL

BCC will retain TEC to perform the identification of all VILLAGE-owned lighting assets eligible for transfer and work with FPL to establish transfer agreements, ownership terms, and maintenance responsibilities.

Deliverables

1. Transfer Agreements.

Task 3.2 – LED Conversions

BCC will develop a plan to transition existing fixtures to energy-efficient LEDs, ensuring compliance with VILLAGE specifications and Dark-Sky standards. A phased replacement approach will be coordinated with FPL and Miami-Dade County.

Deliverables

1. LED Conversion Implementation Plan

Task 3.3 – New Streetlight Installations

BCC will use photometric analysis to identify areas with insufficient lighting and develop a streetlight placement plan. In coordination with FPL and Miami-Dade County, BCC will assess infrastructure needs, permitting, and funding options. Stakeholder meetings will ensure community engagement and alignment with VILLAGE aesthetic preferences.

Deliverables

1. New Streetlight location Plan.
2. VILLAGE GIS Update

EXCLUSIONS

The following items are exclusions from our Basic Services (Scope of Services):

1. Any construction or environmental permitting services (i.e., building, wetlands, trees, marina, etc.)
2. Surveying, geotechnical investigations, wind studies, vibration studies, site-specific seismic analysis or testing, and environmental assessments.
3. Any services normally provided by an electrical engineer (e.g., site lighting, building lighting design, etc.)
4. Any services normally provided by a plumbing engineer (e.g., grease trap design or sand/oil interceptor design, etc.)
5. Site structures such as retaining walls, stairs, sidewalks, flagpoles, light poles, swimming pools, etc.
6. Any other services not specifically included in the Scope of Services.
7. Any construction assistant services (i.e., inspections, certifications, pump station startups etc.)

ITEMS TO BE PROVIDED BY CLIENT

Upon execution of this agreement and prior to the receipt of notice to proceed, the Client will provide BCC the following:

1. Existing GIS Access
2. Existing Lighting Agreements & Historical report
3. Scheduling Assistance (Field Visits and Meeting Coordination)
4. Review and Approve Reports within the agreed timeline

SUBCONSULTANTS

The following listed Subconsultants will assist in the performance of the Work.

Subconsultant Name	**Specialty or Expertise**
The Engineering Group (TEC)	Asset Transfer Coordination / Documentation

SCHEDULE

The schedule for delivering the services described in this proposal is presented below for all Tasks.

DELIVERABLES SCHEDULE			
Task #	**Task Description**		**Estimated Duration per Task**
1.0	Project Coordination and Project Management		Project Duration
2.0	Photometric Analysis & Lighting System Assessment		
	2.1	30% Design Documents	2 months
	2.2	90% Design Documents	3 months
	2.3	100% Design Documents	2 months
3.0	Streetlight Transfer, LED Conversion & New Installations		
	3.1	Streetlight Transfer to FPL	1 months
	3.2	LED Conversions	3 months
	3.3	New Streetlight Installations	6 months

FEE AND BILLING

Services described in Tasks 1.0-3.3 will be performed on a ***Lump Sum Basis*** for a total of ***$296,986.00***. The total fee includes a ***contingency fee*** for design services of ***$14,849.30***, and a ***reimbursable allowance*** of ***$5,000.00***. ***Exhibit 'C'*** includes a detailed man-hour estimate for work outlined in the Scope of Work.

COMPENSATION SCHEDULE				
Task #	**Task Description**		**Fee**	**LS/TM**
1.0	Project Coordination and Project Management		$ 45,336.00	LS
2.0	Photometric Analysis & Lighting System Assessment			
	2.1	30% Design Documents	$ 51,408.00	LS
	2.2	90% Design Documents	$ 54,680.00	LS
	2.3	100% Design Documents	$ 42,220.00	LS
3.0	Streetlight Transfer, LED Conversion & New Installations			
	3.1	Streetlight Transfer to FPL	$ 15,906.00	LS
	3.2	LED Conversions	$ 32,476.00	LS
	3.3	New Streetlight Installations	$ 54,960.00	LS
Subtotal			**$ 296,986.00**	
Contingency Fee (5%)			$ 14,849.30	
Reimbursable Allowance			$ 5,000.00	
Total Fee			**$ 316,835.30**	

Services not included in the Scope of Services will require additional compensation and a new Fee Proposal for the additional work required.

Reimbursable expenses and Additional Services will be billed monthly as they are incurred.

We appreciate this opportunity to provide these services for you. Please contact us if you have any questions.

Sincerely,
BCC ENGINEERING, LLC.



Victor Herrera, PE
Senior Vice President

Attachment: Exhibit 'A' – Hourly Rates
Exhibit 'B' – TEC Proposal
Exhibit 'C' – Proposal Fees Schedule

Exhibit A – HOURLY RATES

HOURLY RATES

Job Classification	BCC
Contract Manager/Principal	$205.00
Architect	N/A
CADD/Computer Technician	$78.00
Chief Designer	$115.00
Designer	$75.00
Graphic Designer	$62.60
Inspector/Engineer Intern	$69.00
Landscape Architect	N/A
Landscape Architect Intern	N/A
Landscape Designer/Landscape Planner	N/A
Landscape Inspector	N/A
Planner	$86.00
Project Engineer	$127.00
Project Architect	N/A
Project Landscape Architect	N/A
Project Manager	$190.00
Project Planner	N/A
Secretary/Clerical	$49.00
Senior Architect	N/A
Senior Inspector/Senior Engineer Intern	$84.00
Senior Landscape Architect	N/A
Senior Landscape Inspector	N/A
Senior Planner	$151.00
Senior Project Engineer	$175.00

Exhibit B – TEC PROPOSAL

THE ENGINEERING COMPANY

Date: May 1st , 2025

Carlos Morales

Civil Division Manager

BCC Engineering

6401 SW 87th Avenue, Suite 200, Miami, FL 33173

Subject: Proposal for Streetlight Assessment, FPL Streetlight Transfer, LED Conversion, and New Streetlight Installation for the Village of Key Biscayne

Dear Carlos:

The Engineering Company, LLC is pleased to submit the subject proposal for your review and approval.

Let me know if you have any questions.

We look forward to delivering this project for the Village of Key Biscayne.

Sincerely,

OMAR HERRERA, PE

PRINCIPAL

THE ENGINEERING COMPANY, LLC
2875 NE 191st Street, Suite 602, Aventura, FL 33180
info@theengineeringco.com

SCOPE OF SERVICES

PROJECT TITLE:
Village of Key Biscayne – Streetlight Assessment, FPL Streetlight Transfer, LED Conversion, and New Streetlight Installation

1.0 BACKGROUND:

The Village of Key Biscayne ("VILLAGE") is undertaking a comprehensive streetlighting project to evaluate the existing roadway lighting system, identify deficiencies, transition VILLAGE-owned streetlights to Florida Power & Light ("FPL"), convert existing lights to LED, and install new lighting where necessary. The project will be managed under the Continuing Architectural & Engineering Services Agreement RFQ NO. 2021-08.
This Scope of Services outlines the engineering, analysis, coordination, and implementation efforts required for a successful transition to an optimized and sustainable streetlighting system.

2.0 PROJECT PURPOSE:

The project serves two primary objectives:

1. Facilitate the **transfer of VILLAGE-owned streetlights to FPL**, implement **LED conversions**, and oversee the **installation of new streetlights** in dark or underserved areas.

3.0 SCOPE OF SERVICES:

Task 1: Project Coordination & Reporting

Description:

TEC will lead and manage coordination with the VILLAGE, Florida Power & Light (FPL), and Miami-Dade County (MDC) throughout the duration of the project. This includes verifying infrastructure records, confirming ownership statuses, and reviewing any existing agreements related to the streetlighting system. TEC will also conduct regular meetings to track progress, align deliverables, and ensure transparency across all stakeholders. A live GIS-based system will be maintained to monitor streetlight status, ownership, and maintenance activities. Monthly progress reports will document accomplishments, challenges, and upcoming actions.

Deliverables:

- Verified ownership spreadsheet with agency feedback
- Updated GIS and inventory database with ownership and conversion status
- Initial and ongoing meeting agendas, minutes, and correspondence logs

- Monthly progress reports summarizing milestones, issues, and recommendations

Task 2: Review of Existing Lighting Assessment for Ownership Transfer Preparation

Description:

TEC will review the previously completed “Existing Lighting Conditions Analysis Report” provided by the VILLAGE to TEC, dated May 2024, which includes the current conditions of the existing lighting infrastructure, fixture types, pole quantities, and ownership status. The objective of this task is to extract and consolidate all relevant data necessary to initiate the transfer of VILLAGE-owned streetlighting assets to Florida Power & Light (FPL). It is anticipated that most of the lights are eligible for transfer, and TEC will use this data to begin preparing the necessary documentation for ownership transition. TEC shall not be liable for inaccuracies in the “Existing Lighting Conditions Analysis Report”, dated May 2024.

TEC will also conduct limited site verifications as needed, to clarify report / field discrepancies. Three site visits have been included in this task.

Deliverables:

- Summary report of findings relevant to the ownership transfer
- Consolidated inventory of VILLAGE-owned lighting assets, including fixture type, quantity, and location, with an initial asset transfer spreadsheet tracker to be used in coordination with FPL

Task 3: Streetlight Transfer, LED Conversion & New Installations

Task 3.1: Streetlight Transfer to FPL

Description:

TEC will identify the VILLAGE-owned streetlighting assets eligible for transfer to FPL and will facilitate the process of establishing transfer agreements, including defining long-term ownership and maintenance responsibilities. TEC will not draft the transfer agreements. Drafting of the agreements shall be done by the Legal Departments of the VILLAGE and FPL.

Deliverables:

- List of VILLAGE-owned assets proposed for transfer
- Correspondence log and summary report of coordination with FPL

Task 3.2: Led Conversion Planning

Description:

TEC will develop a comprehensive implementation plan for upgrading all existing fixtures to LED, including Dark-Sky compliant standards. Coordination with FPL and Miami-Dade County will ensure proper phasing and specification alignment.

Deliverables:

- LED conversion plan with spreadsheet for tracking completed conversions

Task 3.3: New Streetlight Installations

Description:

TEC will support the planning of new streetlight installations throughout the VILLAGE. While TEC will not be responsible for conducting the photometric analysis, we will review the results of a photometric study provided by BCC Engineering. Based on this analysis, TEC will identify areas with insufficient lighting and provide recommendations for new streetlight placements.

TEC will coordinate with FPL and Miami-Dade County to assess infrastructure needs and permitting pathways. TEC will also facilitate stakeholder engagement to ensure community input and alignment with the VILLAGE's aesthetic and functional goals.

Deliverables:

- Technical memorandum summarizing review of photometric study and recommended streetlight locations
- Meeting summaries or support documentation of coordination with FPL and Miami-Dade County regarding permitting and infrastructure
- Stakeholder meeting materials (presentation slides, feedback summaries)

4.0 PROJECT ASSUMPTIONS

1. **Agency Coordination & Permitting**

    - TEC is not responsible for delays resulting from Florida Power & Light (FPL), Miami-Dade County (MDC), or other regulatory agencies in providing data, feedback, or executing agreements.

- If permitting is required through the Village or other jurisdictions, TEC will not be liable for delays associated with the permit application, review, or approval process.
- This fee proposal excludes completing and submitting permit applications.

2. Material Procurement & Lead Times

- TEC is not liable for delays associated with FPL or MDC procurement processes, material fabrication, or equipment delivery times for new streetlight installations.
- It is assumed that procurement and installation will follow standard utility lead times and will not impact TEC's deliverables or scope.

3. Construction & Installation Timeline

- TEC will not provide construction management and inspections services and is not responsible for contractor delays, unforeseen site conditions, or changes in construction schedules.
- It is assumed that contractors and utilities will coordinate their own work per schedule and regulatory guidelines.
- The repairs, installations and conversions are to be performed by FPL, Miami Dade County, and VILLAGE. Thus, TEC shall not be liable for malfunctioning of streetlight infrastructure, for the quality of the repairs performed, or for time delays.

4. GIS and Inventory Data

- TEC assumes that access to the VILLAGE's GIS platform (if applicable) and relevant base data will be granted promptly upon project initiation.

5. Permitting Coordination

- TEC will assist with permitting coordination but is not responsible for permit issuance timelines or agency review durations.

6. Community Engagement

- TEC will support stakeholder engagement; however, delays in community feedback or extended public review periods may impact project timelines.

7. Scope Changes

- Any changes in project scope, including expansion of service areas, additional scope, additional lighting evaluations, or changes in design criteria, will require a formal amendment to this agreement.

5.0 SCHEDULE

The estimated project schedule is shown below by task.

- Task 1: 10 months from NTP
- Task 2: 1 month from NTP
- Task 3.1: 1 month from Task 2 completion
- Task 3.2: 3 months from Task 2 completion
- Task 3.3: 6 months from completion of Photometric Analysis & Lighting System Assessment. Assuming that approvals are being done promptly, and materials arrive on time.

FEE SCHEDULE AND PAYMENT TERMS

A detailed fee schedule is included below, breaking out each of the tasks. Each task will be billed in lump sum on a percent complete basis. The Engineering Company, LLC's invoices shall be paid within 30 days of invoice submission.

SUMMARY OF THE FEE AND HOUR BREAKDOWN							
	Project Manager	Project Engineer	Senior Inspector	Senior Engineer	Total Hours	Labor	Subtotal
Billing rate, $/hr	$160.00	$140.00	$140.00	$180.00			
Task							
Task 1: Project Coordination & Reporting	45	120	0	0	165	$24,000.00	$24,000.00
Task 2: Review of Existing Lighting Assessment for Ownership Transfer Preparation	20	50	15	2	87	$12,660.00	$12,660.00
Task 3.1: Streetlight Transfer to FPL	14	40	0	0	54	$7,840.00	$7,840.00
Task 3.2: Led Conversion Planning	20	45	0	2	67	$9,860.00	$9,860.00
Task 3.3: New Streetlight Installations	33	68	0	4	105	$15,520.00	$15,520.00
Total (Hours)	**132**	**323**	**15**	**8**	**478**		
Sub-total Labor Fee						**$69,880.00**	**$69,880.00**
ODC - Reimbursable Expenses							
Sub-total Labor Fee/ODC							**$69,880.00**
Total Project Cost (Labor/ODC)							**$69,880.00**
% Utilization (calculated based on total number of hours)	**27.62%**	**67.57%**	**3.14%**	**1.67%**			
Total ($)	**$21,120.00**	**$45,220.00**	**$2,100.00**	**$1,440.00**			**$69,880.00**

Exhibit C – FEE ESTIMATE

PROPOSAL FEES SCHEDULE

Project Name:	Village of Key Biscayne – Comprehensive Roadway Lighting Assessment, FPL Streetlight Transfer, LED Conversion, and New Streetlight Installation	BCC Staff by Category				TOTAL HOURS	TOTAL FEE
Proposal Date	May 15, 2025						
Task No.	Description	Project Manager	Senior Project Engineer	Project Engineer	CADD / Computer Technician		
		$190.00	$175.00	$127.00	$78.00		
1.0	Project Coordination & Reporting	36	48	48		132	$ 21,336.00
2.0 - Photometric Analysis & Lighting System Assessment							
2.1	30% Design Documents	36	88	108	144	376	$ 47,188.00
2.2	90% Design Documents	44	100	120	120	384	$ 50,460.00
2.3	100% Design Documents	32	92	100	40	264	$ 38,000.00
3.0 - Streetlight Transfer, LED Conversion & New Installations							
3.1	Streetlight Transfer to FPL	12	20	18		50	$ 8,066.00
3.2	LED Conversions	24	36	68	40	168	$ 22,616.00
3.3	New Streetlight Installations	20	72	120	100	312	$ 39,440.00
Total Hours		204	456	582	444	1686	
Total Fee		$ 38,760.00	$ 79,800.00	$ 73,914.00	$ 34,632.00		$ 227,106.00

SUMMARY OF SUBCONSULTANT LABOR SERVICES						
Subconsultant Name	Company	SBE	SBE %	Discipline	Sub Allowance	SUB LABOR TOTAL
The Engineering Group	TEC	SBE	23.53%	Asset Transfer Coordination / Documentation	$ -	$ 69,880.00
SBE PARTICIPATION TOTAL			23.53%	SUBCONSULTANT LABOR SUBTOTAL	$ -	$ 69,880.00

LABOR SUBTOTAL (PRIME + SUB) [NO SUB ALLOWANCE]	$ 296,986.00

PROPOSAL SUMMARY		
LABOR SUBTOTAL (PRIME + SUBS)		$ 296,986.00
BCC DEDICATED ALLOWANCE / CONTINGENCY FEE	5%	$ 14,849.30
REIMBURSABLE EXPENSE SUBTOTAL		$ 5,000.00
GRAND TOTAL ESTIMATED FEE		$ 316,835.30

VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. **Recitals.** That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **Authorization.** The Village Manager is hereby authorized to issue a work order to the Consultant to perform the Services for the Project in an amount not to exceed $316,835.30, consistent with the Proposal attached hereto as Exhibit "A" and the agreement previously executed.

Section 3. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH, CMC
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

EXHIBIT B

Streetlight

OWNER

- FPL (147)
- MDC (130)
- VKB (297)
- Recently Installed by FPL, Maintained by VKB (17)

Total Village-wide 591



VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Purchase of High-Water Vehicle for Fire Rescue Response

RECOMMENDATION

Recommend the Village Council approve the purchase of one (1) Polaris Ranger XD 1500 high-water response vehicle for the Fire Rescue Department. The total cost is $63,874.53, with $44,840 funded through the FY 2023 UASI Grant and the remaining $19,034.53 allocated from the FY 2025 Emergency Management budget.

DISCUSSION

Purpose: The Polaris Ranger XD 1500 is a high-water rapid response vehicle designed to enhance emergency operations during critical incidents, particularly in areas affected by flooding or difficult terrain. Its deployment will significantly improve our ability to respond swiftly and effectively to emergencies, thereby increasing public safety and operational readiness.

Background: Fire Rescue Departments are always ready to provide quick, personalized responses to emergencies, offering residents peace of mind. First responders protect by land and sea, often switching between roles throughout the day, whether by car, bicycle, foot, boat or ATV. The Emergency Management Team focuses on hurricane preparedness and clear communication during crises, ensuring swift and effective responses to disasters.

The purchase includes one (1) Polaris Ranger high-water crew XD 1500 vehicle equipment listed in Quote # QUO-68328-F6C2F5 from Polaris Sales, Inc., utilizing the Sourcewell Purchasing Agreement Program(1222220-PSI) to ensure competitive pricing and procurement efficiency.

The quote (Exhibit A) from Polaris Sales, Inc. reflects competitive pricing secured through the Sourcewell cooperative purchasing program. This unit will be assigned to the Fire Department for the purpose of supporting and enhancing the operational emergency response(s) and community event support for the citizens and visitors of the Village of Key Biscayne.

Justification: The increasing frequency of weather-related incidents, including flooding, necessitates enhanced mobility and response capabilities. The Polaris Ranger XD 1500 will allow our personnel to reach affected areas more quickly and safely, reducing response times and improving outcomes during emergencies. Additionally, the vehicle will support logistical and safety operations during community events, areas that are non-accessible to full size vehicles, beach access, while reinforcing our commitment to proactive public service and preparedness.

Implementation/Integration Plan:

- Engage and review all fire personnel for input on the vehicle capabilities and limitations as needed
- Update our SOPs to include deployment criteria and maintenance
- Develop training and incorporate as part of drills
- Outreach to inform the public of public safety benefits and disaster readiness

RESOURCE IMPACT

Recurring Funding: Maintenance as necessary or recommended by Polaris maintenance schedule. (every 200 interval hours or 12 months); include the regular maintenance of this vehicle in maintenance agreement with the City of Miami. Maintenance estimated at $3000 annually.

Personnel: No additional personnel required / Will be used by existing fire personnel

Training: Staff will be trained in-house, while on duty (between calls for service)

FUNDING SOURCES

- ***GL Code: 001-22-522-5502-00000***
- ***Budget Line-Item:*** UASI Grant (FY2023) & General Emergency Management (FY2025)
- ***Amount:*** $63874.53
- ***Maintenance & Repair: N/A***

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

- Goal - Safe & Secure Village
- Focus Area - Ensure Community Safety

ATTACHMENT(S)

Exhibit A - Quote # QUO-68328-F6C2F5 from Polaris Sales, Inc
Exhibit B – UASI Grant Extension Letter

Prepared by: Terrence Davis, Deputy Chief

Department Director: Joseph R. Fernandez | Chief

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A CAPITAL PROJECT AUTHORIZING RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, APPROVING THE PURCHASE OF A HIGH-WATER RAPID RESPONSE VEHICLE FROM POLARIS SALES, INC. IN AN AMOUNT NOT TO EXCEED $63,874.53; PROVIDING FOR AUTHORIZATION; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Village of Key Biscayne ("Village") Fire Rescue Department is in need of a high-water rapid response vehicle to enhance its emergency operations during critical incidents, particularly in areas affected by flooding or difficult terrain; and

WHEREAS, the Village desires to purchase a Polaris Ranger XD 1500 high-water rapid response vehicle, inclusive of equipment for the vehicle (the "Vehicle") from Polaris Sales Inc. (the "Supplier") in the amount of $63,874.53, consistent with the quote attached hereto as Exhibit "A" (the "Quote"); and

WHEREAS, the type of purchase contemplated by the Village has been competitively bid by Sourcewell, a local government and service cooperative created under the laws of the State of Minnesota, which has entered into Sourcewell Contract No. 091024 ("Sourcewell Contract") with the Supplier; and

WHEREAS, in accordance with Section 2-86 of the Village's Code of Ordinances, the Village Council seeks to authorize the Village Manager to purchase the Vehicle from the Supplier in an amount not to exceed $63,874.53, consistent with the Sourcewell Contract and the Supplier's Quote attached hereto as Exhibit "A," as the pricing offered pursuant to the Sourcewell Contract is in the Village's best interest; and

WHEREAS, the Village Council finds that this Capital Project Authorizing Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE

VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. Approval. That the Village Council hereby approves the purchase of the Vehicle from the Supplier**.**

Section 3. Authorization. That the Village Council hereby authorizes the Village Manager to purchase the Vehicle in an amount not to exceed $63,874.53, consistent with the Quote attached hereto as Exhibit "A" and the Sourcewell Contract.

Section 4. Implementation. The Village Council hereby authorizes the Village Manager to execute any purchase order or required documentation for the purchases described in this Resolution, subject to approval by the Village Attorney as to form, content, and legal sufficiency, and to take any action that is reasonably necessary to implement the purposes of this Resolution.

Section 5. Effective Date. That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____

Polaris Sales Inc., Medina, MN 55340
gov.info@polaris.com
Phone: 866-468-7783
www.polaris.com/gov

QUOTE

Contact Information

Name: TERRENCE DAVIS
Email: tdavis@keybiscayne.fl.gov
Phone: 3055426298
Fax:

Bill To: Village of Key Biscayne

Fort Lauderdale, FL 33149

Ship To:

Fort Lauderdale, FL 33149

Quote Number: QUO-68328-F6C2F5
Revision #: 2
Date: 7/25/2025 12:18 PM
Quote Expires: 8/24/2025

Contract Name: Polaris Direct
Contract #:
Expiration Date:

Cage: 3FP69
Duns#: 123399383
Tax ID#: 41-1921490
Customer#:

Freight	Delivery Terms	Payment Terms	Payment Methods
FOB Origin US Continental (CONUS) Only	180 Days	Prepay - Other	Visa Mastercard Wire Check

Item #	QTY	Description	MSRP	Discount Price	Extended	Install Amount
R25X6W1RBM	1	RANGER Crew XD 1500 NorthStar Edition Ultimate - Titanium Metallic Gloss	$49,499.00	$45,797.59	$45,797.59	
2889862	1	XD Door Mount Sideview Mirrors	$179.99	$154.15	$154.15	$37.50
2883966	1	Action - XP 1000 / XD 1500 / Pro XD Custom Graphics for Fire or Law Enforcement	$999.99	$856.41	$856.41	$0.00
2891328	1	Action - XD 1500 Deluxe Emergency Light Kit	$9,476.99	$8,116.31	$8,116.31	$0.00
2883980	1	Action - XP 1000 30W Siren & PA System (works with Std or Dlx light package)	$781.99	$669.71	$669.71	$0.00
2891026	1	K-WH/TR-15-OL-AD-DUALTHREAT-32	$1,899.99	$1,627.20	$1,627.20	$150.00
2891419	1	QTAC Rescue Skid (req. installation package)	$3,890.00	$3,801.81	$3,801.81	$0.00

Polaris Sales Inc., Medina, MN 55340
gov.info@polaris.com
Phone: 866-468-7783
www.polaris.com/gov

QUOTE

Freight	Delivery Terms	Payment Terms	Payment Methods
FOB Origin US Continental (CONUS) Only	180 Days	Prepay - Other	Visa Mastercard Wire Check

Item #	QTY	Description	MSRP	Discount Price	Extended	Install Amount
2891472	1	XD 1500 NorthStar QTAC Skid Installation Package	$600.00	$513.85	$513.85	$150.00

Comments:

Vehicle model year and color are subject to change dependent upon delivery date.

SUBTOTAL	$61,537.03
INSTALL*	$337.50
FREIGHT	$2,000.00
TAX	$0.00
TOTAL	$63,874.53

Acceptance and Payment Information

To accept the above quotation, please provide a purchase order via email (gov.info@polaris.com) and include the following:

- Bill to Address
- Billing Phone Number
- Ship to Address
- Point of Contact for Delivery
- Point of Contact E-Mail
- Point of Contact Phone
- Quote Number
- Alternate Point of Contact (Required)
- Do you have a loading dock, ramps, or forklift for offloading
- Tax exempt form for state we are shipping (or inform if taxable)

If you would like to submit payment via credit card, please call (866) 468-7783 to process payment during our hours of operation from 8:30 AM to 4:30 PM CST Monday through Friday. We accept Visa, Mastercard & American Express.

EXHIBIT B

ARTHUR NORIEGA, V
City Manager

June 16, 2025

Terrence W, Davis, Deputy Chief
Key Biscayne Fire Rescue
560 Crandon Boulevard
Key Biscayne, FL 33149

Re: Village of Key Biscayne Extension Letter – UASI 2023GY

Dear Chief Davis:

This letter serves as official notification that Key Biscayne has received an extension for the following project:

Grant Year	Line Item	Description of Project	Allocation
2023	2023-10C	Rapid Response Vehicle	$ 44,840.00

Please refer to the Funding Year of 2023 Miami UASI MOA (Agreement #RO924) between the City of Miami and the Village of Key Biscayne for more information and stipulations.

The period of performance for the UASI 2023 projects expire December 31, 2025, and the reimbursement packages are to be submitted no later than January 15, 2026.

Project timelines and benchmarks shall be clearly communicated to the administrating agency (City of Miami) upon request. Failure to comply with timelines and benchmarks will result in the de-obligation of funds for these projects.

If you have any questions, please do not hesitate to contact UASI Program Manager, Andrea Becraft at (305) 416-5454 or via email at abecraft@miamigov.com.

Sincerely,

Grant Musser, Assistant Fire Chief
Emergency Manager/ UASI Administrator
Division of Emergency Management
Department of Fire-Rescue

GM/ab

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

STAFF MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Alternative Stormwater Modeling and Planning Recommendation for Award

Please see the attached evaluation committee's award recommendation for RFQ No. 2025-13: Zone 1 Alternative Stormwater Modeling and Planning.

MEMORANDUM

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

DATE: August 08, 2025

TO: Steven Williamson – Village Manager

CC: Benjamin Nussbaum – Village Chief Financial Officer
Jennifer Rodero – Chief of Staff
Christopher Miranda – Public Works Director

FROM: Daren Jairam, Procurement Officer

RE: Procurement Recommendation to Award for RFQ No. 2025-13 – Zone 1 Alternative Stormwater Modeling and Planning

RECOMMENDATION

It is recommended that the Village Manager negotiate an agreement with **GIT Consulting LLC.,** the highest ranked proposal, for Zone 1 Alternative Stormwater Modeling and Planning. The proposed agreement will be for a four (4) month term with three (3) optional four-month extensions not to exceed twelve (12) months.

BACKGROUND

In accordance with government procurement best practices, and as part of a larger effort to ensure best value and promote fair and open competition for Village contracts, the decision was made to go out to market for these services.

The Village issued an RFQ (Request for Qualifications) on June 20, 2025. The RFQ was posted to the Village's website and Notice Board, DemandStar and Miami Herald. A non-mandatory pre-conference meeting was held for interested vendors where a bid summary was given.

The RFQ allows potential vendors to submit their best proposal based on specified deliverables, qualifications, experience, and capabilities. Vendors are then ranked to allow the Village the opportunity to negotiate the best and final offer with the highest ranked vendor.

SCOPE OF WORK

The Village intends to select qualified and experienced firm to provide updated stormwater plan for Zone 1 of the Village to include updated hydraulic modeling and recommended drainage solutions with a focus on the K8 School area. The new study should be developed using previous Stormwater Master Plan data, surveys, and models as a baseline and attempt to incorporate existing village systems and plans if applicable with the revised design criteria, in full accordance with the specifications, terms and conditions contained in Section 2 of the Request for Qualifications (RFQ).

To qualify for award, prospective Proposers were required to:

A. Meet the objectives set in the RFQ Scope of Services.
B. Have a minimum of five (5) years' experience, principal, project manager and company.

C. Must be appropriately licensed and in good standing with the Florida Department of Professional Regulation.

EVALUATION AND RANKING PROCESS

On April 03, 2025, three (03) proposals were received from the following firms:

No.	Proposer	Years Experience	
1.	CES Consultants Inc.	24	
2.	EAC Consulting Inc.	30	
3	GIT Consulting LLC.	18	

The Evaluation Committee comprises the following individuals:

1. Edward London – Council Member / AdHoc
2. Fernando Vazquez – Council Member / AdHoc
3. Michael Bracken – Council Member / AdHoc

Christopher Miranda – Public Works Director and Roland Samimy – Chief Resilience and Sustainability Officer were in attendance as Village subject matter experts. Fernando Vazquez recused himself from the committee.

Procurement conducted a thorough due diligence review of the proposals and determined that the proposals were deemed responsive, with no material defects identified in the proposals or the qualifications of the proposers. Each proposer is properly licensed and qualified to perform the work, has provided the required certifications and references, and no issues were found indicating that any of the responsive proposers would be incapable of delivering the services.

The Evaluation Committee received the proposals and held its initial meeting on July 31, 2025, to review, discuss, hear presentations, and evaluate the submissions. Once the presentations were completed members proceeded to score and rank based on the following criteria.

a. Project Approach – 40 pts.
b. Organizational Profile – 30 pts.
c. Experience and Qualifications – 30 pts.

Committee Member	**CES Consultants Inc.**		**EAC Consulting Inc.**		**GIT Consulting LLC.**	
	Scores	**Rank**	**Scores**	**Rank**	**Scores**	**Rank**
Edward London	70	3	75	2	90	1
Fernando Vazquez						
Michael Bracken	95	1	87	3	93	2
Total Scores and Ranking	165	4	162	5	183	3
Final Ranking	**2**		**3**		**1**	
	CES Consultants Inc.		**EAC Consulting Inc.**		**GIT Consulting LLC.**	

88 West McIntyre Street • Key Biscayne, Florida 33149 (305) 365-5511 • www.keybiscayne.fl.gov

MISSION STATEMENT: "TO PROVIDE A SAFE, QUALITY COMMUNITY ENVIRONMENT FOR ALL ISLANDERS THROUGH RESPONSIBLE GOVERNMENT."

Proposers were scored out of 300 points then ranked with no. 1 being most favorable in the following order:

1. GIT Consulting LLC. – 183 points
2. CES Consultants Inc. – 165 points
3. EAC Consulting Inc. – 162 points

NEGOTIATION PROCEESS

The Village will take its recommendation for the final ranking of the shortlisted Proposers to the Village Council for approval and permission to negotiate the contract with the top- ranked Proposer.

RECOMMENDATION

The Evaluation Committee recommends that the Village Manager approve the recommendation and recommend to the Village Council that a contract be executed —substantially in the form attached as Exhibit A—with **GIT Consulting LLC.** The recommendation is based on the following key factors:

- The Principal-in-Charge of GIT Consulting Group LLC previously served under EAC Consulting Inc. on the Village's 2015 Stormwater Modeling and Planning Project, demonstrating direct experience with the Village's infrastructure and planning approach.
- GIT proposed additional alternatives, including a retrofit system and a decentralized solution, offering the Village innovative options beyond the previously established plan.

In the event an agreement cannot be reached with the top-ranked Proposer, it is further recommended that the Village Manager terminate negotiations with that firm and proceed with negotiations with the next highest-ranked Proposers until an agreement can be reached.

☐ Concur

☐ Reject

_____ _____

Steven Williamson – Village Manager Date

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MISSION STATEMENT: "TO PROVIDE A SAFE, QUALITY COMMUNITY ENVIRONMENT FOR ALL ISLANDERS THROUGH RESPONSIBLE GOVERNMENT."

RESOLUTION NO. 2025- _____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, SELECTING GIT CONSULTING LLC PURSUANT TO REQUEST FOR QUALIFICATIONS (RFQ) NO. 2025-13 FOR ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING SERVICES; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on February 11, 2025, the Village Council of the Village of Key Biscayne ("Village") established an Ad Hoc Committee (the "Committee") to evaluate the level of service and design criteria to streamline and reduce costs related to the stormwater system requirements and construction the K-8 School (Zone 1) Stormwater Drainage Improvements Project (the "Project"); and

WHEREAS, based on the feedback received by the Committee, the Village issued Request for Qualifications No. 2025-13 ("RFQ") for Zone 1 Alternative Stormwater Modeling and Planning services (the "Services") for the Project; and

WHEREAS, three firms submitted qualifications by the RFQ deadline; and

WHEREAS, the Committee, serving as an Evaluation Committee, short listed firms and ranked GIT Consulting LLC (the "Consultants") as the most qualified firms for the Services; and

WHEREAS, the Committee recommends that the Village Council select the Consultant to perform the Services; and

WHEREAS, the Village Council desires to select the Consultant as the most qualified firms for the Services and authorize the Committee to negotiate an agreement with the Consultant, which agreement shall be presented to the Village Council for approval at a future meeting; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE

VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. **Recitals.** That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **Selection.** That the Village Council hereby selects the Consultant for the Services.

Section 3. **Authorization.** That the Village Council hereby authorizes the Committee to negotiate an agreement with the Consultant for the Services, which agreement shall be presented to the Village Council for approval at a future meeting. If an agreement cannot be reached with the top-ranked Consultant, the Committee is authorized to negotiate with the next highest ranked firm until an agreement in the best interest of the Village is reached.

Section 4. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _____ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

PROCUREMENT DOCUMENTS LINK

RFQ # 2025-13 Zone 1 Alternative Stormwater Modeling and Planning

Below are links to procurement documents for:
(click on each line for document)

1. **Request for Qualifications (RFQ)**
2. **RFQ Addendum No.1**
4. **Bid Tabulation Sheet**
5. **Evaluation Committee Meeting Minutes**
6. **Evaluation Recommendation**
7. **Recommended Proposal – GIT Consulting LLC.**
8. **Purchase Requisition – N/A**

Daren Jairam, MBA, MHC
Procurement Officer
djairam@keybiscayne.fl.gov
305-365-7577

VILLAGE OF KEY BISCAYNE
88 West McIntyre Street
Key Biscayne, Florida 33149

REQUEST FOR QUALIFICATIONS

RFQ # 2025-13

ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING

RFQ Release Date:	**June 20, 2025**
Pre-Proposal Conference**:**	**July 1, 2025, 10:00 A.M.**
Written Questions Due:	July 3, 2025, 9:00 A.M.
Response to Questions:	July 10, 2025
Proposals Due/Opening:	**July 25, 2025, 11:30 A.M.**

Submit To:

Via DemandStar
https://www.demandstar.com

PUBLIC NOTICE

ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING

PUBLIC NOTICE AND ADVERTISEMENT FOR BIDS

REQUEST FOR QUALIFICATIONS
RFQ # 2025-13

Pre-Bid Conference: **JULY 1, 2025,** AT 10:00 AM
Proposal Deadline/Opening: **JULY 25, 2025,** AT 11:30 AM

The Village of Key Biscayne ("Village") has issued a Request for Qualifications ("RFQ") to interested, qualified and licensed professionals in the State of Florida, for the following services/project: **ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING. The Village of Key Biscayne encourages small and minority business, women's business enterprises, and labor surplus area firms to submit proposals.**

Proposals must be received by the deadline date, submitted to:

DEMANDSTAR
https://www.demandstar.com

Bid packages will be available on the Village's website www.keybiscayne.fl.gov/procurement or may be available on Demandstar. For further information contact:

Procurement
procurement@keybiscayne.fl.gov

Any questions, comments, request for information or clarification must be submitted to procurement@keybiscayne.fl.gov and received no later than, **July 1, 2025,** 9:00 a.m. Bidders, their agents, and associates are encouraged not to contact or solicit any Village Council Member, Village employee, or official regarding this RFP/ITB/RFQ after the bid opening. Only that individual listed above as the contact person shall be contacted.

Dated: **JUNE 20, 2025**

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FORMS AND SUBMISSIONS

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SECTION 1. INFORMATION FOR THE PROPOSERS

1.1 GENERAL INFORMATION/STATEMENT OF PURPOSE

The Village of Key Biscayne (the "Village"), a municipality located in Miami-Dade County, Florida, is requesting proposals from qualified and experienced firms to provide an updated stormwater plan for Zone 1 of the Village per Figure 1 below to include updated hydraulic modeling and recommended drainage solutions with a focus on the K8 School area. The new study should be developed using previous Stormwater Master Plan data, surveys, and models as a baseline and attempt to incorporate existing village systems and plans if applicable with the revised design criteria.

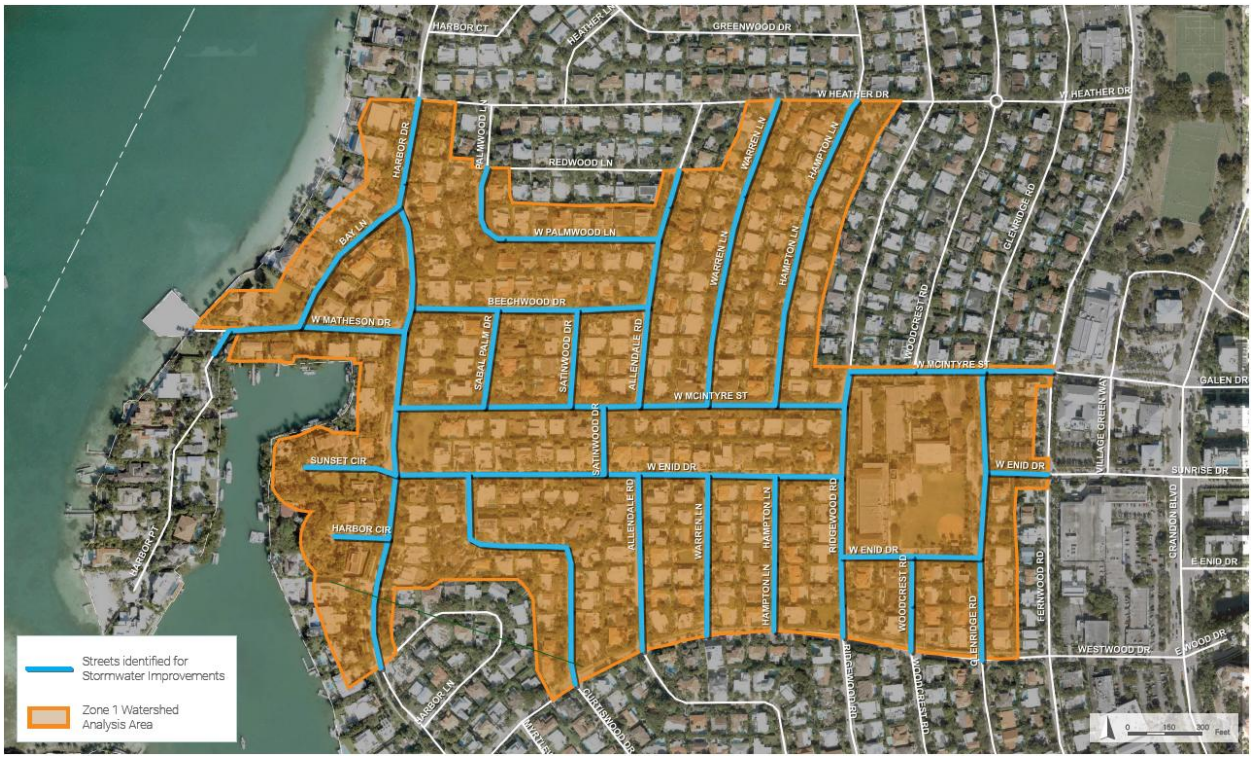

Figure 1. The location for Zone 1 work is the K-8 Basin, which is located in the center of Key Biscayne highlighted in Figure 1; it is generally south of West Heather Dr., north of Westwood Dr, and west of Crandon Blvd.

Services shall be in full accordance with the specifications, terms and conditions contained in Section 2 of this Request for Qualifications (RFQ).

1.2 INTRODUCTION/BACKGROUND

The Village of Key Biscayne (the "Village") is located on an island approximately six (6) miles into Biscayne Bay and connected to the mainland via the Rickenbacker Causeway. Crandon Boulevard, a four-lane road with a median, bisects the Village. Shopping centers and single purpose commercial buildings line Crandon Boulevard. Towards the west lies single family homes. The east side of Crandon Boulevard contains mid to high rise multiple family buildings, one single family district, townhomes, and another single-family area that is part of a planned unit development. The incorporated Village is flanked by two large parks: Crandon Park to the north and Bill Baggs Cape Florida Recreation Area to the south. The latter receives

over a million visitors per year and is a major contributor to traffic congestion on the weekends and holidays. The Village is the home to approximately 15,000 residents residing on 1.25 square miles.

The Village is committed to efficient government administration. A small core of the Village staff has been serving its residents, businesses, and visitors exceptionally well through their dedication and with the help of consultants, contractors, and service providers who also have been committed to providing quality products at competitive prices. We expect to continue this tradition.

1.3 FEDERAL/STATE OR LOCAL GRANT FUNDED

This projects, in whole or in part, may be funded through grants from various entities, including local, state, and federal agencies, or a combination of these sources. The selected firm will be required to adhere to the applicable guidelines as necessary.

1.4 SUSPENSION/DEBARMENT

A prospective Bidder that is listed on the government-wide Excluded Parties List System in the System for Award Management (www.SAM.gov), or that is suspended or debarred by the State of Florida, cannot be awarded a contract.

1.5 DISADVANTAGED BUSINESS & WORKER UTILIZATION

Bidders are encouraged to utilize small, women and minority-owned businesses as subcontractors whenever possible. Lists of local certified businesses are available on Miami-Dade County's website at https://mdcsbd.gob2g.com/frontend/searchcertifieddirectory.asp In addition, Proposers may request assistance from organizations such as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

Proposers who intend to hire additional workers for Village projects are encouraged to hire local workers. CareerSource South Florida maintains a job clearinghouse that can assist in connecting contractors with trained local construction workers.

1.6 VILLAGE RIGHTS

The Village reserves the right to award one or more contract(s) to the Respondent(s) in accordance with what the Village deems in its best interest. Notwithstanding, the Village may, at its sole discretion, reject all responses and cancel the solicitation, in which case no award will be made.

The Village reserves the right to accept or reject any or all Responses, based upon its deliberations and opinions. In making such determination, the Village reserves the right to investigate the financial capability, integrity, experience and quality of performance of each Consultant, including officers, principals, senior management and supervisors as well as the staff identified in the RFQ.

The Village also reserves the right to waive minor variations or irregularities in the Responses.

1.7 SCHEDULE OF EVENTS

The Village, at its sole discretion, may delay the scheduled due dates if it is to the advantage of the Village to do so. The Village will notify Contractors of all changes in scheduled due dates by written addendum through DemandStar. The following schedule shall govern this RFQ. The Village reserves the right to change the scheduled dates and times at its sole discretion.

No.	Event	Date
1	Advertisement/ Distribution of RFQ	June 20, 2025
2	**Pre-Submittal Conference Meeting** Key Biscayne BZP Conference Room, Suite # 250 88 West McIntyre Street, Key Biscayne, Florida 33149	**July 1, 2025** at 10:00 AM
3	**Closing Date for Proposal Questions**	**July 3, 2025 at 9:00 AM**
4	Village's Answers to Questions by Proposers	July 10, 2025
5	**Proposals Due / Opening Online See Section 3.5**	**July 25, 2025 at 11:30 AM**
6	Staff Member's Review of Technical Proposals	July 29, 2025
7	Reference Checks	July 29, 2025
8	Evaluation Committee Meeting / Short List	August 8, 2025
9	Presentations	TBD
10	Final Selection/Rank	August 13, 2025
11	Award Recommendation	August 19, 2025 or later
12	Contract Negotiation	August 20, 2025 or later

1.8 REQUEST FOR INFORMATION (RFI)

Vendors may request additional information, clarification, or modifications in the form of a Request for Information ("RFI"). Vendors seeking such information must email their RFIs to procurement@keybiscayne.fl.gov in order to receive a response. The request must include the contractor's name, the RFQ number, and RFQ title. Any RFI must be submitted prior to the deadline for questions indicated in the schedule of events in Section 1.7 to receive a response. Late or mis-delivered requests may not receive a Village response.

The Village will issue responses to RFIs, and any other corrections or amendments it deems necessary, in the form of a written addendum. The Village, at its sole discretion, may not issue a response to an RFI. Vendors should not rely on any representations made outside of these written addenda. Where a conflict appears between the RFQ and any issued addenda, the last addendum issued will prevail.

1.9 ADDENDA

Should revisions to the procurement documents become necessary, the Village will post any addendum(s) to DemandStar and the Village of Key Biscayne website www.keybiscayne.fl.gov/procurement. If a Contractor fails to acknowledge receipt of any such Addendum when submitting its SOQ, its SOQ will nevertheless be construed as though the Addendum had been received and acknowledged, and the submission of its SOQ will constitute acknowledgement of the receipt of the same. However, the Village may also, at its discretion, deem the SOQ as non-responsive.

Any Addenda prepared and issued by the Village prior to opening of SOQs for the purpose of changing the intent of the plans or specifications or clarifying the meaning of same shall be binding in the same way as if written in the specifications. Any Addenda issued prior to the execution of the contract shall be binding upon the Contractor after the execution of the agreement.

1.10 DISCREPANCIES, ERRORS AND OMISSIONS

Any discrepancies, errors, or ambiguities in the RFQ or addenda (if any) should be reported in writing to the Procurement Division at procurement@keybiscayne.fl.gov. If applicable, the Village will issue a written addendum to the RFQ clarifying such conflicts or ambiguities. It is agreed that any such alleged discrepancies, errors, or omissions will not be construed against the drafting party.

1.11 CERTIFICATION

The signer of the Response (to this RFQ) must declare by signing the Forms included in Section 6 that the person(s), firm(s) and parties identified in the Response are interested in and available for providing the Services; that the Response is made without collusion with any other person(s), firm(s) and parties; that the Response is fair in all respects and is made in good faith without fraud; and that the signer of the cover letter of the Response has full authority to bind the person(s), firm(s) and parties identified in the Response.

1.12 PRE-SUBMITTAL CONFERENCE

A **NON-MANDATORY** Pre-Submittal conference meeting/site visit will be held on **July 1, 2025,** at 10:00 a.m. at the **Key Biscayne BZP Conference Room, Suite # 250, Key Biscayne, Florida 33149.** All interested proposers are encouraged to attend.

It is the sole responsibility of the Proposer to inspect the project site and become familiar with the scope of the Village's requirements and systems prior to submitting a proposal. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a proposal will be considered evidence that the Proposer is familiar with the nature and extent of the work, equipment, materials, and labor required.

1.13 VILLAGE AUTHORITY

Proposals will be selected at the sole discretion of the Village. The Village reserves the right to waive any irregularities in the request process, to reject any or all proposals, reject a proposal which is in any way incomplete or irregular, re-bid the entire solicitation or enter into agreements with more than one Proposer. Proposals received after the deadline provided in this RFQ will not be considered.

1.14 RESPONSE/PRESENTATION COSTS

The Village shall not be liable for any costs, fees, or expenses incurred by any Vendor in responding to this RFQ, nor subsequent inquiries or presentations relating to its Response.

1.15 TERMS OF ENGAGEMENT

The Vendor, by submission of its Proposal, agrees to the terms and conditions contained in its contract and further agrees to execute the Contract without change. Notwithstanding, the Village, in its sole discretion, reserves the right to negotiate the final contract price or any terms and conditions.

The initial contract term is for four (4) months with the option to extend at its sole discretion for two four (4) month renewal terms for the maximum of twelve (12) months. The Proposer understands that this RFQ does not constitute an agreement or a contract with the Proposer. A proposal is not binding until proposals are approved by the Village of Key Biscayne Council and both parties execute a written contract.

Proposals that are conditioned to additions, deletions, or revisions to the Contract's terms and conditions will be rejected as non-responsive.

1.16 NOTICE TO PROCEED

The Successful Proposer shall not begin work until the Village issues a written Notice to Proceed ("NTP"). Work performed by the Successful Proposer prior to receiving NTP shall be deemed non-compensable by

the Village. The Successful Proposer shall not have any recourse against the Village for prematurely performing unauthorized work.

END OF SECTION 1.

SECTION 2. SCOPE OF SERVICES

2.1 PROJECT DESCRIPTION:

The Village of Key Biscayne (VKB) is requesting a quotation to provide updated stormwater modeling, proposed system solutions, high level cost estimates, and a qualitative risk assessment for the Zone 1 area of the Village with a focus on immediate flood relief for the K8 School area.

As part of the execution of this Work Order (WO), CONSULTANT will have access to VKB documents from prior stormwater plans and any current Village studies, models, and/or input data. Consultant will be able to coordinate meetings with Village Staff for any additional information that may be needed.

2.2 SCOPE OF WORK

Work Order consists of the following tasks and subtasks:

- **Task 1** – Update stormwater model to determine discharge requirements with provided design criteria for the Zone 1 area
    - Subtask 1.1 – Update model results for Zone 1 for provided level of service and design criteria requirements using existing stormwater models as a baseline
    - Subtask 1.2 – Provide a system level recommendation for proposed solutions for Zone 1 taking into consideration existing infrastructure and nature-based solutions
    - Subtask 1.3 – Provide a detailed stormwater system recommendation for the K8 School area
    - Subtask 1.4 – Provide cost estimates for construction of recommended systems
- **Task 2** – Conduct Risk Assessment of recommended solutions with regards to Village priorities and future well being
- **Task 3** – Perform associated communications and coordination

The detailed Scope of Work (SOW) of WO is presented below.

2.3 TASK 1.

Update stormwater model to determine discharge requirements with provided design criteria

CONSULTANT will provide an updated stormwater model for the Zone 1 area to determine discharge requirements and provide system level solutions for baseline flood mitigation. CONSULTANT will have access to existing model inputs from the previous AECOM Village Wide Drainage Assessment and Zone 1 Integrated Infrastructure Project as well as the 2015 EAC report and the referenced Tetra Tech Stormwater Master Plan which modeling results are derived.

2.3.1 Subtask 1.1 Run updated stormwater model for Zone 1 discharge assessment

CONSULTANT will provide an updated hydraulic model to determine a stormwater discharge approach for the following design criteria:

- Design time: 2050
- Sea Level Rise Curve: NOAA Intermediate

- Design Storm: SFWMD 5-year, 24-hour
- Residential Home Elevation: Base Flood Elevation + 3'
- Residential Contributing Area: 25' from Right of Way
- Road Height Minimum: Mean Sea Level + 1'

Level of Service: Maximum depth of 14" over low crown of road for no longer than 3.5 hours.

CONSULTANT may use existing modeling data from previous Village studies to include:

- Village Wide Drainage Assessment, by AECOM - 2024
- Hydraulic and Hydrologic Analyses Report (VKB Implementation of SWMP), By EAC - 2015
- Stormwater Management Master Plan Update, By Tetra Tech – 2011
- Village GIS database and LiDAR survey

CONSULTANT will provide updated discharge requirements for Zone 1 taking into consideration groundwater table elevations presently and in the future (2050) and address how that discharge capacity could change over the design life.

2.3.2 Subtask 1.2 Provide recommendations on a system level for Zone 1 solutions

CONSULTANT will review current federal, state, county and local codes and regulations and apply to recommended stormwater solutions to meet the above level of service. Considerations should be taken to include nature based and non-structural solutions, integration with the existing infrastructure, and synchronization with previously proposed solutions. Any permitting considerations should be noted to include Village of Key Biscayne Public Works, Florida Department of Environmental Protection (FDEP), Division of Environmental Resources Management (DERM), United States Army Corps of Engineers (USACE), and South Florida Water Management District (SFWMD).

2.3.3 Subtask 1.3 Provide detailed recommended solution for the K8 School Area

CONSULTANT will provide detailed recommendation for system to provide immediate relief to the K8 School area. The geographic area will be determined based on requirements of recommended system to keep streets **immediately surrounding** the school at the above provided level of service. Solution recommendations for K8 School Area should be provided as part of overall Village plan but capable of being performed as a standalone system.

2.3.3 Subtask 1.4 Provide Construction Cost Estimates and Schedules

CONSULTANT will provide high level construction cost estimates (Class 5) and construction schedules for new recommendations. Cost estimates should include engineering design, construction labor, material, permitting, mobilization and coordination costs, and construction management costs. Expected escalation for construction schedule should be included in estimate. Construction schedule should include time for design, procurement, permitting, and construction.

2.4 TASK 2.
Conduct Risk Assessment for Village Prioritization and Future Wellbeing

CONSULTANT will provide a qualitative assessment of benefits and risk of constructing the proposed drainage approach for Zone 1 as it relates to funding, quality of life and adaptability to changing environmental conditions. The risk assessment should take into consideration:

- Expected protection to resident life, health, safety, and quality of life
- Protection of residential and public property
- Acceptability within industry and supporting agencies to include ability to permit, design complexity, and industry interest.
- Ability to adapt to future conditions
- Ability to integrate solutions with existing Village infrastructure

2.5 TASK 3.
Communications and Considerations

As part of the delivery scope above and beyond the routine project management interactions, the CONSULTANT shall upon request, attend public meetings, and prepare presentations or communication materials to inform the Village stakeholders through community or townhall meetings, or other mediums desired by the Village to interact with its stakeholders. The CONSULTANT to provide an hourly rate to include the ability to support the below specific tasks:

- Support in development of one (1) presentation to Council or Committee
- Development and support of Community information materials
- Participation in up to three (3) meetings with Village staff or stakeholders

2.6 SCHEDULE

- WO expected to last approximately three to four months from the time of contract.

2.7 ASSUMPTIONS

- Work will be executed on a Time and Materials (T&M) basis, not-to-exceed the below amount.

2.8 COMPENSATION

CONSULTANT will provide the aforementioned services for a not-to-exceed fee of **$TBD**, based on the estimated time and material level of effort to provide the services noted above. Please include a fee breakdown, including description of hours and rates for CONSULTANT team members and other expenses. Invoices will be provided to VKB on a monthly basis and will be based on percent completion.

Attachments

- *Att. A – Fee breakdown*

ATTACHMENT A – Fee Breakdown

Upon request after RFQ review (do not submit with RRQ submittal)

Task	Professional	Job Bill Rate Classification	Hourly Billing Rates	Hours	Hourly Fees	Other Costs	Total Costs
TOTAL (Not to Exceed)							

END OF SECTION 2.

SECTION 3. PROPOSAL SUBMISSION REQUIREMENTS

3.1 PROPOSAL SUBMITTAL DEADLINE

The Proposal Submittal Deadline is included in Section 1 - Notice to Proposers, of this RFQ. It is not required to include Section 1 – 5 of the RFQ with Proposal.

3.2 INTENT

The Village is requesting proposals from qualified and experienced firms to provide ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING under a continuing services contract. The intent is to demonstrate the qualifications, competence and capacity of the firms seeking to undertake the ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING for the Village in conformity with the requirements of this Request for Qualifications.

3.3 ELIGIBILITY

In addition to other requirements stated in this document, to be eligible for award, Proposer must demonstrate the following in their response:

1. Must be appropriately licensed and in good standing with the Florida Department of Professional Regulation

2. Must have five (5) years of continuous operation under the same name providing the same Services.

3. Proposer's project team must have prior experience within the past five (5) years in the same field as the Services.

4. Proposer's principal-in-charge must have a minimum of five (5) years of experience within the same field as the Services; and

5. Proposer's project manager must have a minimum of five (5) years of experience in the same field as the Services with prior project management experience and must be capable of speaking and making decisions on behalf of the Respondent.

Each Bidder shall meet all legal, technical, and professional requirements for providing the requested Services.

The Bidder shall furnish such additional information as the Village may reasonably require. This includes information that indicates financial resources as well as ability to provide the Services. The Village reserves the right to make investigations of the Bidders' qualifications or any of its agents, as it deems appropriate.

3.4 RFQ DOCUMENTS

These RFQ documents consist of the Proposal Documents and the Agreement Documents. All forms and documents contained within the RFQ, and the Agreement shall be completed and submitted. A proposer's failure to comply with any provisions in the RFQ or the Agreement may result in a determination of non-responsibility and/or non-responsiveness, at the sole discretion of the Village. All instructions in the RFQ must be adhered to.

3.5 PROPOSAL FORMAT

A. The proposal shall be typewritten 8½ x 11-inch white paper.

B. All pages are to be consecutively numbered. If there is insufficient space for a response on a form, the response may be continued on a blank page immediately following the form. The additional pages are to be numbered the same as the form with the addition of the letter "a", "b", "c", etc. If a form is provided and additional pages are needed, the form may be copied. The copied pages are to be numbered the same as the form with the addition of the letter "a", "b", "c", etc.

C. In instances where a response is not required, or is not applicable or material to the proposal, a response such as "no response is required" or "not applicable" is acceptable.

D. The proposer shall compile and organize the responses according to the tabs listed below. Within the tabbed section, clearly organize and mark your responses according to the topics outlined below. It is very important to follow the format outlined below to assist the Village in the evaluation process. All proposals must include the following items. Responses must be in the same order as, and responsive to, the information requested. Unnecessarily elaborate proposals and/or lengthy presentations are not desired or required by the Village:

I. Tab A - Representations and Certifications

- Cover Sheet
- Proposal Forms listed in Section 6.
- Statement of Financial Stability

II. Tab B – Executive Summary

The proposer shall provide the following information in the order outlined below:

1. A title page.
2. A table of contents
3. Executive Summary: This summary, limited to two typewritten pages, should provide a high-level description of the Proposer's ability to meet the requirements of the RFQ and a statement describing why the proposer believes itself to be best qualified to provide the identified services.
4. Deliverables, tasks, activities, etc. as outlined in the Scope of Services.
5. List any exceptions to this RFQ. Exceptions listed elsewhere will not be recognized.

III. Tab C – Qualifications and Experience

The proposer shall provide the following information in the order outlined below:

1. **Qualifications:** Provide a brief description of your firm, including:
   a. Qualification of Firm
   b. Qualification of Staff
   c. Industry Knowledge and Expertise
   d. Project Management and Special Services pertinent to this Solicitation; and Past Performance (The evaluation should consider past performance information regarding predecessor companies, key personnel who have relevant experience, or subcontractors that will perform major or critical aspects of the requirement when such information is relevant to this solicitation. Past performance

information should also include recent and relevant contracts for the same or similar items and other references including contract numbers, points of contact with telephone numbers and other relevant information).

2. Service Team and Resume

a. Provide an organizational chart of the team that would serve the Village.
b. Provide detailed descriptions of each team member's role, responsibilities, experience, and education. Also provide a current one-page resume for each member.
c. Provide information on the relevant experience of each team member.
d. Describe what approach the team would take in providing services to Village. Indicate type and frequency of meetings and other forms of communications.

3. Provide a Personnel Plan that includes:

a. A complete operating plan with organizational chart and supporting information which illustrates the proposed staffing plan for each operation on a daily, weekly, and monthly basis for all types of positions included in the proposal.
b. Provide data for which staffing levels are based and include employee qualifications for the positions, full-time/part-time status, process for staffing and determinations and process for adjustments.
c. The organizational chart must include managerial positions assigned to VILLAGE and Corporate levels for the Proposer's company with the corresponding roles to VILLAGE staff.
d. Provide detailed description of each position's role and responsibilities.

IV. Tab D – Subcontracting Plan

The proposer shall submit a subcontracting plan with the proposal. The plan shall specifically identify names of potential subcontractor(s), or area to be subcontracted, field of expertise, number of years in the field, proposed dollars amount of subcontracting effort by category and references. This plan will be incorporated into the winning contractor's contract and monitored throughout the life of the contract for compliance.

V. TAB E – Proposal Approach

The Proposer must submit a comprehensive approach to implementation of the Project in accordance with the Scope of Work in Section 2, of this RFQ. The comprehensive approach must provide information regarding the documentation and ability to furnish the services necessary to implement the Project in accordance with the Package, and the any innovative technology solutions to be employed in the provision of the Services for the Project. The approach should include the ability to work with existing ICPR and InfoSWMM model data. The approach should include the ability to prioritize recommended solutions in a time phased manner with budget and construction considerations.

VI. TAB G – Insurance.

Proposers must provide evidence of insurance currently in place that meets or exceeds the specifications herein or a commitment from an insurance company that such insurance coverage may be obtained by the Proposer prior to entering into an agreement with the Village. The successful Proposer(s) must submit, prior to signing of a contract, a Certificate of Insurance naming the Village as an additional insured and meeting the requirements set forth in the form of Design-Build Contract attached to this RFP as Attachment "B."

The Village may require higher limits of insurance or additional coverage if deemed necessary.

E. The following items shall be submitted by the successful proposer after the award of the Agreement (at the time specified herein).

- Exhibit A: Certificate of Insurance

3.6 SUBMITTAL, RECEIPT AND OPENING OF PROPOSALS

CONTRACTOR's solicitation response must be submitted electronically through DemandStar (www.demandstar.com), the Village's designated electronic bidding system. It is solely the CONTRACTOR's responsibility to assure its response is submitted and received in DemandStar by the date and time specified in the solicitation. The Village will not consider responses received by any other means. The official time for electronic submittals is the DemandStar server. All parties will, without reservation, accept the official time. Any bid may be rejected for noncompliance to requirements after a full review by the Village. The sealed submittals will be publicly opened at the Village of Key Biscayne, Village Hall after the Proposal Submittal Deadline. Award of a proposal will be made at a Village Council meeting.

ZOOM INFORMATION FOR RFQ OPENING

Village of Key Biscayne Proposal Opening for RFQ # 2025-13 ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING.

Join Zoom Meeting
https://us06web.zoom.us/j/81530945349?pwd=FNKCDjboEftef2uXAzkbbZfs9cXkbz.1

Meeting ID: 815 3094 5349
Passcode: 476896

Date: July 25, 2025, 11:35 a.m.

3.7 WITHDRAWAL OR REVISION OF PROPOSAL PRIOR TO AND AFTER SUBMITTAL DEADLINE

Once a proposal has been submitted by the Proposal Submittal Deadline, it shall not be returned to the proposer.

3.8 PROPOSAL GUARANTEE

All proposals shall be guaranteed firm for a minimum of 90 calendar days after the submission of the proposal.

3.9 MULTIPLE PROPOSAL PROHIBITED

More than one proposal from an individual, firm, partnership, corporation, or association under the same or different names shall not be considered. Reasonable grounds for believing that a proposer is involved in more than one proposal for the same work shall be cause for rejection of all proposals in which such proposers are believed to be involved. In addition, a single proposal from more than one individual, firm, partnership, corporation, or association under the same or different names shall not be considered. Joint ventures shall be permitted; however, such arrangements shall designate a single primary proposer or shall be combined into a single legal entity. The Village shall only consider one proposal from one proposer.

3.10 ADDITIONAL TERMS AND CONDITIONS

Proposer shall state any exceptions/deviations from the RFQ requirements or Agreement. Exceptions to the Agreement should contain a summary of every objection or deviation with adherence to specific RFQ or Agreement sections.

3.11 INTERPERPRETATIONS AND INQUIRIES

A. Submission of a proposal shall serve as prima facie evidence that the proposer has examined the Agreement and is fully aware of all conditions affecting the provision of services.

B. No person is authorized to give oral interpretations of, or make oral changes to, the RFQ or the Agreement. Therefore, oral statements shall not be binding and should not be relied upon.

C. Any interpretation of, or changes to, the RFQ or the Agreement shall be made in the form of a written addendum to the RFQ or the Agreement and shall be furnished by the Village to all proposers who attend the non-mandatory pre-proposal conference. Only those interpretations of, or changes to, the RFQ or the Agreement that are made in writing and furnished to the proposers by the Village may be relied upon.

3.12 IRREGULARITIES & RESERVATION OF RIGHTS

Proposals will be selected at the sole discretion of the Village. The Village reserves the right to waive any irregularities in the request process, to reject any or all proposals, reject a proposal which is in any way incomplete or irregular, re-bid the entire solicitation or enter into agreements with more than one respondent. Proposals received after the deadline provided in this RFP will not be considered.

The Village reserves the right to award one or more contract(s) to the Contractor who will best serve the interests of the Village and whose Proposals meet the requirements and criteria set forth in this RFP. Notwithstanding, the Village may, at its sole discretion, reject all Proposals and cancel the solicitation, in which case no award will be made.

The Village reserves the right to accept or reject any or all Proposals, based upon its deliberations and opinions. In making such determination, the Village reserves the right to investigate the financial capability, integrity, experience and quality of performance of each Contractor, including officers, principals, senior management and supervisors, as well as the staff identified in the Proposal.
Proposers shall furnish additional information as the Village may require. This includes information that indicates financial resources as well as ability to provide the requisite services. The Village reserves the

right to make investigations of the qualifications of the firm as it deems appropriate, including but not limited to background investigations and checking references.

3.13 PROPOSAL/PRESENTATION COSTS

The Village shall not be liable for any costs, fees, or expenses incurred by any Consultant in responding to this RFP, nor subsequent inquiries or presentations relating to its Proposal.

END OF SECTION 3.

SECTION 4. EVALUATION OF PROPOSALS

4.1 SELECTION COMMITTEE

Proposals submitted shall be evaluated by the Selection Committee. The Selection Committee shall convene at a publicly noticed meeting to review submissions, rank and evaluate the proposals, and provide a recommendation for the award. Each Selection Committee Member shall complete and execute an independence affidavit.

4.2 ADMINISTRATION REVIEW OF PASS/FAIL CRITERIA

SOQs will be reviewed initially for overall compliance with the RFQ requirements and to determine if mandatory pass/fail criteria are met (Licensing Requirements (Tab 5), Proof of Insurance and Bonding (Tab 6), and Claims History (Tab 7)). Failure to meet mandatory pass/fail criteria may result in rejection of the SOQ.

4.3 EVALUATION OF SOQS FOR SHORT LISTING

SOQs deemed to have met the pass/fail criteria will be evaluated in accordance with section 287.055, Florida Statutes, and the Evaluation Criteria set forth in Section III of this RFQ. The shortlist will only include the Proposers deemed by the Village, in the Village's sole discretion, to be the most highly qualified Contractors based on the Evaluation Criteria set forth in Section III and based on a subjective weighing of the Evaluation Criteria. The Village intends to shortlist, if reasonably possible, no less than three (3) Proposers that it deems are the most highly qualified.

4.4 BASIS OF AWARD

After shortlisting, the Village will then conduct interviews and presentations of the shortlisted Proposers to score the shortlisted Proposers using the following maximum point system:

Category	Score (Points)
Project Approach (Tab E)	40
Organizational Profile (Tab C)	30
Project Experience/Qualifications (Tab C)	30
Total:	**100 Points**

The Village will score each shortlisted Contractor based on the Evaluation Criteria, evidenced through the Proposers' SOQs and their interviews and presentations, and use the scores to determine its recommendation for the final ranking. The Village will then make a final recommendation of the ranking of the shortlisted Proposers to the Village Council. The Village may also perform additional due diligence on Proposers, including through reference checks, which may then become part of the evaluation process.

The Village will take its recommendation for the final ranking of the shortlisted Proposers to the Village Council for approval and permission to negotiate the contract with the top- ranked Proposer. The Village Council will select, in order of preference, based on the above information, the most highly qualified Proposer(s) to perform the requested Scope of Work. The extent and scope of the Scope of Work, along with the fees for such Work will be negotiated with the top-selected Proposer(s) but will be subject to approval by the Village. Should the Village be unable to negotiate a satisfactory contract with the Proposer considered to be the most qualified, at a price the Village determines to be fair, competitive and reasonable, negotiations with that Proposers shall be terminated. The Village shall then undertake negotiations with the next ranked Proposer, and if necessary, additional Proposers in accordance with the

ranking. The Village reserves the right to award any or all of the advertised Project subject to the availability of funding.

The selected Proposer will be required to execute a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the negotiated and agreed upon compensation are accurate, complete, and current at the time of contracting.

All decisions will be final and shall represent the best interest for the Village. All recommendations and decisions regarding award of the Project shall be made at open public meetings in accordance with the requirements of Florida Statute 286.011, and all interested parties are invited to attend such meetings.

The Village reserves the right to waive any irregularity or informality in the SOQs received, to determine, in its sole discretion, whether or not the informality is minor, to reject or accept any or all SOQs and to select the Contractors based on criteria which serves the best interests of the Village.

4.5 NOTICE OF INTENT TO AWARD

A Public Notice of Intent to Award shall be posted to DemandStar. The notice shall include:

- The awarded Contractor(s)

A contract shall not exist until approved by the appropriate levels of the Village and properly executed.

4.6 INQUIRIES/QUESTIONS

All inquiries shall be made in writing and addressed to procurement@keybiscayne.fl.gov.

Inquiries shall be made at least ten (10) calendar days prior to the SOQ opening date.

Replies will be issued to all bidders of record as Addenda. If questions are related to the Drawings and Specifications, replies will be issued via Addendum and posted to Demandstar and will become part of the contract.

SAMPLE RANKING FORM

Evaluation Criteria	Firm #1	Firm #2	Firm #3	Firm #4
Project Approach				
Organizational Structure / Personnel Experience				
Project Experience/Qualifications				
Total				
Ranking				

END OF SECTION 4.

SECTION 5. GENERAL REQUIREMENTS

5.1 RETENTION OF PROPOSAL

The Village reserves the right to retain all Proposals submitted and use any ideas contained in any Proposals, regardless of whether that Bidder is selected.

5.2 PUBLIC RECORDS

Florida law provides that municipal records should be open for inspection by any person under Chapter 119, F.S. Public Records law. All information and materials received by the Village in connection with Proposals shall become property of the Village and shall be deemed to be public records subject to public inspection.

5.3 LOBBYIST REGISTRATION

Respondents must comply with the Village's lobbyist regulations. Please contact the Village Clerk at (305) 365-5506 for additional information.

5.4 PERMITS, TAXES, LICENSES

The Vendor shall, at its own expense, obtain all necessary permits, pay all licenses, fees and taxes required to comply with all local ordinances, state and federal laws, rules, regulations and professional standards that would apply to this contract.

5.5 LAWS, ORDINANCES

The Vendor shall observe and comply with all federal, state, and local laws, including ordinances, rules, regulations and professional standards that would apply to the contract.

5.6 NON-APPROPRIATION OF FUNDS

In the event that insufficient funds are appropriated, and budgeting or funding is otherwise unavailable or not allocated in any fiscal period for the Agreement, the Village shall have the unqualified right to terminate the Work Order(s), and/or Agreement, upon written notice to the Successful Proposer, without any penalty or expense to the Village or recourse against the Village. No guarantee, promise, warranty, or representation is made that any work or project(s) will be assigned to the Successful Proposer.

5.7 PUBLIC ENTITY CRIMES ACT

In accordance with the Public Entity Crimes Act, (Section 287.133, Florida Statutes) a person or affiliate who is a contractor, who had been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to the Village, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases or real property to the Village, may not be awarded or perform work as a contractor, supplier, subcontractor, or CONTRACTOR under a contract with any public entity, and may not transact business with the Village in excess of the threshold amount provided in Section 287.917, Florida Statutes, for Category Two for a period of 36 months form the date of being placed on the convicted vendor list. Violation of this section by the Contractor shall result in rejection of the Bid, termination of the contract, and may cause Contractor debarment.

5.8 KEY PERSONNEL

Subsequent to submission of a Proposal and prior to award of an Agreement, Key Personnel shall not be changed. Proposers shall not change any member of their Key Personnel without just cause and prior

written approval by the Village. The Village reserves the right to request additional documentation, as required by the RFQ prior to making its determination. If the Village does not accept the proposed change(s), the Proposal may be rejected and not considered for award.

5.9 E-VERIFY

Successful Bidder shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any Subcontractor performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Subcontractor during the Contract term.

5.10 CONFLICT OF INTEREST

Proposers, by responding to this RFQ, certify that to the best of their knowledge and belief, no elected/appointed official or employee of the Village is financially interested, directly or indirectly, in the purchase of goods/services specified in this RFQ. Any such interests on the part of the Proposer or its employees shall be disclosed in writing to the Village. Further, Proposers shall disclose the name of any Village employee who owns, directly or indirectly, an interest of five percent (5%) or more of the total assets of capital stock of the Proposing firm.

5.11 DEBARRED/SUSPENDED VENDORS

An entity or affiliate who has been placed on the State of Florida or Federal debarred or suspended vendor list may not: a) submit a Proposal on a contract to provide goods or services to a public entity; b) may not submit a Proposal on a contract with a public entity for the construction or repair of a public building or public work; c) may not submit a Proposal on leases of real property to a public entity; d) may not be awarded or perform work as a contractor, design-builder, supplier, subcontractor, or consultant under contract with any public entity; and e) may not transact business with any public entity.

5.12 NON-DISCRIMINATION

Proposer agrees that it shall not discriminate by race, gender, color, age, religion, national origin, marital status, or disability in connection with its performance under this RFQ. Furthermore, Proposer agrees that no otherwise qualified individual shall solely by reason of his/her race, gender, color, age, religion, national origin, marital status, or disability be excluded from the participation in, be denied benefits of, or be subjected to, discrimination under any program or activity called for or required in connection with services rendered under this Agreement.

5.13 UNETHICAL BUSINESS PRACTICE PROHIBITIONS

Proposer represents and warrants to the Village that it has not employed or retained any person or company employed by the Village to solicit or secure the award of the Agreement and that it has not offered to pay, paid, or agreed to pay any person any fee, commission, percentage, brokerage fee, or gift of any kind, contingent upon or in connection with, the award of the Contract.

5.14 ADDITIONAL TERMS AND CONDITIONS

No additional terms and conditions included with the Proposal shall be evaluated or considered, and any and all such additional terms and conditions shall have no force or effect and are inapplicable to this solicitation. If submitted purposely, through either intent or design, or inadvertently, appearing separately in transmittal letters, specifications, literature, price lists, or warranties, it is understood and agreed that the General and Special Conditions in this solicitation are the only conditions applicable to this solicitation

and that the Proposer's authorized signature affixed to the Proposer's acknowledgment form, attests to this.

5.15 ASSIGNMENT, NON-TRANSFERABILITY OF PROPOSAL

A. Proposals shall not be assigned or transferred. A proposer who is, or may be, purchased by or merged with any other corporate entity during any stage of the proposal process, through to and including awarding of and execution of the Agreement, is subject to having its proposal disqualified as a result of such transaction. The Village Manager shall determine whether a proposal is to be disqualified in such instances.

B. If, at any time during the proposal process, filings, notices or like documents are submitted to any regulatory agency concerning the potential acquisition of proposer, or the sale of a controlling interest in the proposer, or any similar transaction, the proposer shall immediately disclose such information to the Village. Failure to do so may result in the proposal being disqualified, at the Village's sole discretion.

5.16 PUBLIC RECORDS

Upon award recommendation or 30 days after proposal opening, whichever is earlier, any material submitted in response to this RFP shall become a "public record" and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes (Public Records Law). Proposers shall claim the applicable exemptions to disclosure provided by law in their response to the RFP by identifying materials to be protected and shall state the reasons why such exclusion from public disclosure is necessary and legal. The Village reserves the right to make all final determination(s) of the applicability of the Florida Public Records Law.

5.17 PUBLIC ENTITIES CRIME

A. A person or affiliate as defined in Section 287.133, Florida Statutes, who or which has been placed on the convicted vendor list maintained by the Florida Department of Management Services following a conviction for a public entity crime, may not submit a proposal to provide any goods or services to the Village and may not transact business with the Village in an amount set forth in Section 287.017, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list.

B. By submitting a response, the proposer certifies that it is qualified under Section 287.133, Florida Statutes, to provide the services set forth in the Agreement.

5.18 SCRUTINIZED COMPANIES

Pursuant to Section 287.135, Florida Statutes, a Proposer is ineligible to, and may not submit a Proposal for, or enter into or renew a contract with VILLAGE for goods or services if at the time of submitting a Proposal for a new contract or renewal of an existing contract:

A. for any contract amount, if the Proposer is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel;

B. if $1 million or more and the Proposer is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; or

C. if $1 million or more and the Proposer is engaged in business operations in Cuba or Syria.

5.19 EXAMINATION OF CONDITIONS

It shall be the Proposer's responsibility to visit the proposed work site(s) and to thoroughly familiarize himself with the nature and extent of the work to be performed and all local existing site conditions, to make his own estimate of the facilities and difficulties attending the execution of the work; no allowance shall be made by the Village for the Proposer's failure to do so.

5.20 INSURANCE REQUIREMENTS

Proposer shall secure and maintain throughout the duration of the Contract, if selected, insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Proposer's insurance and shall not contribute to the Proposer's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent. Copies of Proposer's actual Insurance Policies as required herein and Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured. Each Policy and certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. All coverage forms must be primary and non-contributory and the Proposer shall provide a waiver of subrogation for the benefit of the Village. The Proposer shall be responsible for assuring that the insurance policies and certificates required by this Section remain in full force and effect for the duration of the Project.

a) Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Proposer. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

b) Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Proposer shall be allowed to provide Services pursuant to this RFQ who is not covered by Worker's Compensation insurance.

c) Business Automobile Liability with minimum limits of $1,000,000.00 per Occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non- Owned Vehicles.

The Successful Proposer(s) shall, within ten (10) days of receipt of a written notice of the Award of the Contract, deliver to the Village a fully executed Contract and all requested certificates of insurance and bonds.

5.21 DISCRIMINATORY VENDORS

Discriminatory Vendors List: Pursuant to Section 287.134 , Florida Statues, an entity or affiliate who has been placed on the discriminatory vendor list may not submit a SOQ, bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.

5.22 NON-COLLUSION CERTIFICATION

By submitting a SOQ, bid, or proposal to the Village, the individual signing the bid/proposal on behalf of the Contractor (Contractor) certifies that the bid/proposal is genuine, accurate and factual, and that:

i. The Contactor has not colluded, conspired or agreed directly or indirectly with any other person or entity in any way to fix the price, terms, or otherwise secure an advantage over the Village or any person interested in the proposed contract.
ii. The price of the bid/proposal was determined independently of outside consultation and was not influenced by any other company, client or Contractor.
iii. No company, client or Contractor has been solicited to propose a fake or sham bid or proposal, or to refrain from bidding or submitting any form of noncompetitive bid, proposal or response.
iv. The price of the bid/proposal has not been disclosed to any client, company or Contractor, and will not be disclosed until after the formal date the subject bid or proposal is awarded by the Village.
v. The Proposer also certifies that its bid is in all respects fair and without outside control, collusion, fraud, or otherwise illegal action.

5.22 CONE OF SILENCE

To ensure fair consideration for all Proposers, a Cone of Silence is encourage starting on the posting date of the proposal. Proposers are asked not to communicate any department, division, or employee from the submission package concerning the proposal until an award decision has been made. Any communication between Proposer and the Village in order to obtain information or clarification needed to develop a proper, accurate evaluation of the proposal should be conducted through the Village Procurement Officer, Daren Jairam at djairam@keybiscayne.fl.gov or procurement@keybiscayne.fl.gov.

5.23 COMPLIANCE WITH FEDERAL REQUIREMENTS

The Successful Proposer shall be required to adhere to (1) all FEMA Guidelines, including the Hazard Mitigation Assistance Program and Policy Guide, as may be amended from time to time; (2) the contract provisions listed under 2 CFR Part 200, Appendix II; (3) all applicable contract provisions and guidance in the FEMA Contract Provisions Guide, as may be amended from time to time; and (4) the Federally-Funded Subaward and Grant Agreement No. H0970 attached hereto as Exhibit "H." Furthermore, the Successful Proposer acknowledges and agrees that the following contractual provisions shall govern this procurement and any contract that may be competitively awarded pursuant to this RFP:

5.23.1 Equal Employment Opportunity. During the performance of the Services, the Successful Proposer agrees as follows:

5.23.1.1 The Successful Proposer will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The Successful Proposer will take affirmative action to ensure that applicants are employed,

and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Successful Proposer agrees to post in conspicuous places, available to employees and applicants for_employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

5.23.1.2 The Successful Proposer will, in all solicitations or advertisements for employees placed by or on behalf of the Successful Proposer, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

5.23.1.3 The Successful Proposer will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the Successful Proposer's legal duty to furnish information.

5.23.1.4 The Successful Proposer will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Successful Proposer's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

5.23.1.5 The Successful Proposer will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

5.23.1.6 The Successful Proposer will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

5.23.1.7 In the event of the Successful Proposer's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Successful Proposer may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures_authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

5.23.1.8 The Successful Proposer will include the portion of the sentence immediately preceding subsection 2.22.1.1 through 2.22.1.8 in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Successful Proposer will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a Successful Proposer becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the Successful Proposer may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a Successful Proposer debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

5.23.2 Compliance with the Davis-Bacon Act. As applicable, during the performance of the Services, the Successful Proposer agrees as follows:

a. All transactions regarding this contract shall be done in compliance with the Davis-Bacon Act (40 U.S.C. 3141- 3144, and 3146-3148) and the requirements of 29 C.F.R. pt. 5 as may be applicable. The Successful Proposer shall comply with 40 U.S.C. 3141-3144, and 3146-3148 and the requirements of 29 C.F.R. pt. 5 as applicable.

b. Successful Proposers are required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor.

c. Additionally, Successful Proposers are required to pay wages not less than once a week.

5.23.3 Compliance with the Copeland "Anti-Kickback" Act. As applicable, during the performance of the Services, the Successful Proposer agrees as follows:

a. Successful Proposer. The Successful Proposer shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.

b. Subcontracts. The Successful Proposer or subcontractor shall insert in any subcontracts the clause above and such other clauses as FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Successful Proposer shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.

c. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a Successful Proposer and subcontractor as provided in 29 C.F.R. § 5.12.

5.23.4 Compliance with the Contract Work Hours and Safety Standards Act. As applicable, during the performance of the Services, the Successful Proposer agrees as follows:

5.23.4.1 Overtime requirements. The Successful Proposer or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall not require nor permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

5.23.4.2 Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in subsection 28.2.1. of this section the Successful Proposer and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, the Successful Proposer and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subsection 28.2.1. of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in 28.2.1. of this section.

5.23.4.3 Withholding for unpaid wages and liquidated damages. The Village shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Successful Proposer or subcontractor under any such contract or any other Federal contract with the same prime Successful Proposer, or any other federally-assisted contract subject to the *Contract Work Hours and Safety Standards Act*, which is held by the same prime Successful Proposer, such sums as may be determined to be necessary to satisfy any liabilities of such Successful Proposer or subcontractor for

unpaid wages and liquidated damages as provided in the clause set forth in subsection 28.2.2. of this section.

5.23.4.4 Subcontracts. The Successful Proposer or subcontractor shall insert in any subcontracts the clauses set forth in subsections 28.2.1 through 28.2.4. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Successful Proposer shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in subsections 28.2.1. through 28.2.4. of this section.

5.23.5 Rights to Inventions Made under this Agreement.

5.23.5.1 As applicable, if the Successful Proposer is engaged for the performance of experimental, developmental, or research, the Successful Proposer's work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the Federal Government.

5.23.6 Clean Air Act and Federal Water Pollution Control Act. As required by Federal program legislation, the Successful Proposer agrees to comply with the following federal requirements:

5.23.6.1 *Clean Air Act*.

5.23.6.1.1 The Successful Proposer agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. (2)

5.23.6.1.2 The Successful Proposer agrees to report each violation to the Village and understands and agrees that the Village will, in turn, report each violation as required to assure notification to the State of Florida, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

5.23.6.1.3 The Successful Proposer agrees to include these requirements in each subcontract exceeding $150,000 financed in whole or in part with Federal assistance provided by FEMA.

5.23.6.2 *Federal Water Pollution Control Act.*

5.23.6.2.1 The Successful Proposer agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

5.23.6.2.2 The Successful Proposer agrees to report each violation to the Village and understands and agrees that the Village will, in turn, report each violation as required to assure notification to The State of Florida, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

5.23.6.2.3 The Successful Proposer agrees to include these requirements in each subcontract exceeding $150,000 financed in whole or in part with Federal assistance provided by FEMA.

5.23.7 Debarment and Suspension. During the performance of the Services, the Successful Proposer agrees as follows:

5.23.7.1 This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the Successful Proposer is required, and will, verify that neither Successful Proposer, its principals (defined at 2 C.F.R. § 180.995), nor its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

5.23.7.2 The Successful Proposer will comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters.

5.23.7.3 Successful Proposer's certification is a material representation of fact relied upon by the Village. If it is later determined that the Successful Proposer did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the State of Florida, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

5.23.7.4 The Successful Proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C throughout the period this Agreement. The Successful Proposer further agrees to include a provision requiring such compliance in its lower-tier covered transactions.

5.23.8 Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended). During the performance of the Services, the Successful Proposer agrees as follows:

5.23.8.1 The Successful Proposer certifies to the Village that it has not and will not use Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. *The required Certification is attached to this Agreement*.

5.23.8.2 Successful Proposer will also ensure that each tier of subcontractor(s) shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures will be forwarded from tier-to-tier up to the Village.

5.23.9 Procurement of Recovered Materials. As required by federal program legislation, Successful Proposer agrees to the following:

5.23.9.1 In the performance of this contract, the Successful Proposer shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired:

5.23.9.1.1 competitively within a timeframe providing for compliance with the contract performance schedule;

5.23.9.1.2 meeting contract performance requirements; or

5.23.9.1.3 at a reasonable price.

5.23.9.2 Information about this requirement, along with the list of EPA-designate items, is available at EPA's Comprehensive Procurement Guidelines web site, https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program.

5.23.9.3 The Successful Proposer also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.

5.23.10 DHS Seals, Logos, and Flags. The Successful Proposer shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

5.23.11 Compliance with Federal Law, Regulations, and Executive Orders. The Successful Proposer acknowledges that FEMA financial assistance will be used to fund the all or a portion of the contract. The Successful Proposer will comply will all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

5.23.12 No Obligation by Federal Government. Successful Proposer acknowledges that the Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, Successful Proposer, or any other party pertaining to any matter resulting from the contract.

5.23.13 Program Fraud and False or Fraudulent Statements or Related Acts. The Successful Proposer acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Successful Proposer actions pertaining to this Agreement.

5.23.14 Access to Records.

5.23.14.1 The Successful Proposer agrees to provide the State of Florida, the Village, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Successful Proposer which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.

5.23.14.2 The Successful Proposer agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

5.23.14.3 The Successful Proposer agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.

5.23.14.4 In compliance with the Disaster Recovery Act of 2018, the Village and the Successful Proposer acknowledge and agree that no language in this Agreement is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

5.23.15 Affirmative Socioeconomic Steps/Small and Minority Businesses, Women's Business Enterprises.

5.23.15.1 Successful Proposer shall comply with 2 C.F.R. § 200.321, "Contracting with small and minority businesses, women's business enterprises, and labor surplus area firms."

5.23.15.2 If subcontracts are to be let, the Successful Proposer is required to take all necessary steps identified in 2 C.F.R. § 200.321(b)(1)-(5) to ensure that small and minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

5.23.16 Change or Modification. To be eligible for FEMA assistance under a FEMA grant or cooperative agreement, the cost of a change, modification, change order, or constructive change must be allowable, allocable, within the scope of the grant or cooperative agreement, and reasonable for the completion of the project scope. Accordingly, the Successful Proposer shall comply with the following:

5.23.16.1 Without invalidating the Agreement, Village reserves and shall have the right, from time to time to make such increases, decreases or other changes in the character or quantity of the work as may be considered necessary or desirable to fully and properly complete the project in a satisfactory manner in accordance with the scope of the FEMA grant or cooperative agreement. Any extra or additional work within the scope of this Agreement must be accomplished by means of appropriate Field Orders or Change Orders.

5.23.16.2 The Village shall have the right to approve and issue Field Orders setting forth written interpretations of the intent of the project documents and ordering minor changes in work execution, providing the Field Order involves no change in the Agreement Price or the Agreement Time.

5.23.16.3 Changes in the quantity or character of the Work or Services within the scope of the Project which are not properly the subject of Field Orders, including all changes resulting in changes in the Agreement Price, or the Agreement Time, shall be authorized only by Change Orders approved in advance and issued in accordance with the provisions of Village's Procurement Code, as amended from time to time.

5.23.17 Remedies. Village confirms that it is entitled to exercise all administrative, contractual, or other remedies permitted by law to enforce Successful Proposer's compliance with the terms of this Agreement, except to the extent expressly provided otherwise by this Agreement.

5.23.18 Prohibition on Contracting for Covered Telecommunications Equipment or Services. If applicable, the Successful Proposer shall agree as follows:

5.23.18.1 The Village and the Successful Proposer must comply with the Section 889(b)(1) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (FY2019 NDAA) and 2 C.F.R. 200.216, which prohibits the obligation or expending of federal award funds on certain telecommunication products or from certain entities for national security reasons. Towards that end, the Successful Proposer shall ensure that the Successful Proposer and its subcontractors do not:

5.23.18.2 Procure or obtain any equipment, system, or service that uses covered telecommunications equipment of services as a substantial or essential component of any system, or as critical technology of any system;

5.23.18.3 Enter into, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as substantial or essential component of any system or as critical technology of any system; or

5.23.18.4 Enter into, extend or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

Additional information, including definitions for this requirement can be found in FEMA Policy 405-143-1. Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services (Interim).

5.23.19 Domestic Preference for Procurements. As appropriate, and to the extent consistent with law, the Successful Proposer should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to iron, aluminum, steel, cement, and other manufactured products. For purposes of this clause:

5.23.19.1 *Produced in the United States* means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

5.23.19.2 *Manufactured products* mean items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

5.23.20 License and Delivery of Works Subject to Copyright and Data Rights. If applicable, the Successful Proposer shall agree as follows:

5.23.20.1 The Successful Proposer grants to the Village, a paid-up, royalty-free, nonexclusive, irrevocable, worldwide license in data first produced in the performance of this contract to reproduce, publish, or otherwise use, including prepare derivative works, distribute copies to the public, and perform publicly and display publicly such data. For data required by the contract but not first produced in the performance of this contract, the Successful Proposer will identify such data and grant to the Village or acquires on its behalf a license of the same scope as for data first produced in the performance of this contract. Data, as used herein, shall include any work subject to copyright under 17 U.S.C. § 102, for example, any written reports or literary works, software and/or source code, music, choreography, pictures or images, graphics, sculptures, videos, motion pictures or other audiovisual works, sound and/or video recordings, and architectural works. Upon or before the completion of this contract, the Successful Proposer will deliver to the Village data first produced in the performance of this contract and data required by the contract but not first produced in the performance of this contract in formats acceptable by the Village.

5.23.21 Safeguarding of Sensitive Information and Information Technology Security and Privacy Training.

5.23.21.1 Applicability. This clause is applicable when the Successful Proposer has access to sensitive information or the Successful Proposer's IT system as defined in the agreement that are used to input, store, process, output and/or transmit sensitive data. If applicable, this clause shall apply to the Successful Proposer, its subcontractors, and Successful Proposer employees (hereafter referred to collectively as "Successful Proposer"). The Successful Proposer shall insert the substance of this clause in all subcontracts.

5.23.21.2 Definitions. As used in this clause— "Personally Identifiable Information (PII)" means information that can be used to distinguish or trace an individual's identity, such as name, social security number, or biometric records, either alone, or when combined with other personal or identifying information that is linked or linkable to a specific individual, such as date and place of birth, or mother's maiden name. The definition of PII is not anchored to any single category of information or technology. Rather, it requires a case-by-case assessment of the specific risk that an individual can be identified. In performing this assessment, it is important for an agency to recognize that non-personally identifiable information can become personally identifiable information whenever additional information is made publicly available—in any medium and from any source—that, combined with other available information, could be used to identify an individual.

PII is a subset of sensitive information. Examples of PII include, but are not limited to: name, date of birth, mailing address, telephone number, Social Security number (SSN), email address, zip code, account numbers, certificate/license numbers, vehicle identifiers including license plates, uniform resource locators (URLs), static Internet protocol addresses, biometric identifiers such as fingerprint, voiceprint, iris scan, photographic facial images, or any other unique identifying number or characteristic, and any information where it is reasonably foreseeable that the information will be linked with other information to identify the individual.

(a) *Sensitive Information,* as used in this clause, means any information, which if lost, misused, disclosed, or, without authorization is accessed, or modified, could adversely affect the national or homeland security interest, the conduct of Federal programs, or the privacy to which individuals are entitled under section 552a of title 5, United States Code (the Privacy Act), but which has not been specifically authorized under criteria established by an Executive Order or an Act of Congress to be kept secret in the interest of national defense, homeland security or foreign policy. This definition includes the following categories of information:

(1) Protected Critical Infrastructure Information (PCII) as set out in the Critical Infrastructure Information Act of 2002 (Title II, Subtitle B, of the Homeland Security Act, Pub. L. 107-296, 196 Stat. 2135), as amended, the implementing regulations thereto (Title 6, Code of Federal Regulations, part 29) as amended, the applicable PCII Procedures Manual, as amended, and any supplementary guidance officially communicated by an authorized official of the Department of Homeland Security (including the PCII Program Manager or his/her designee);

(2) Sensitive Security Information (SSI), as defined in Title 49, Code of Federal Regulations, part 1520, as amended, "Policies and Procedures of Safeguarding and Control of SSI," as amended, and any supplementary guidance officially communicated by an authorized official of the Department of Homeland Security (including the Assistant Secretary for the Transportation Security Administration or his/her designee);

(3) Information designated as "For Official Use Only," which is unclassified information of a sensitive nature and the unauthorized disclosure of which could adversely impact a person's privacy or welfare, the conduct of Federal programs, or other programs or operations essential to the national or homeland security interest; and

(4) Any information that is designated "sensitive" or subject to other controls, safeguards or protections in accordance with subsequently adopted homeland security information handling procedures.

(b) “Information Technology Resources” include, but are not limited to, computer equipment, networking equipment, telecommunications equipment, cabling, network drives, computer drives, network software, computer software, software programs, intranet sites, and internet sites.

(c) Successful Proposer employees working on this contract must complete such forms as may be necessary for security or other reasons, including the conduct of background investigations to determine suitability. Completed forms shall be submitted as directed by the Contracting Officer. Upon the Contracting Officer's request, the Successful Proposer's employees shall be fingerprinted, or subject to other investigations as required. All Successful Proposer’s employees requiring recurring access to Government facilities or access to sensitive information or IT resources are required to have a favorably adjudicated background investigation prior to commencing work on this contract unless this requirement is waived under Departmental procedures.

(d) The Contracting Officer may require the Successful Proposer to prohibit individuals from working on the contract if the Government deems their initial or continued employment contrary to the public interest for any reason, including, but not limited to, carelessness, insubordination, incompetence, or security concerns.

(e) Work under this contract may involve access to sensitive information. Therefore, the Successful Proposer shall not disclose, orally or in writing, any sensitive information to any person unless authorized in writing by the Contracting Officer. For those Successful Proposer employees authorized access to sensitive information, the Successful Proposer shall ensure that these persons receive training concerning the protection and disclosure of sensitive information both during and after contract performance.

(f) The Successful Proposer shall include the substance of this clause in all subcontracts at any tier where the subcontractor may have access to Government facilities, sensitive information, or resources.

END OF SECTION 5.

SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☐ Form 1: Response Checklist
- ☐ Form 2: Addendum Acknowledgment
- ☐ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - Form 3B: Certificate of Authority (for Individuals)
- ☐ Form 4: Proposer's Statement of Organization
- ☐ Form 5: References
- ☐ Form 6: Affidavits
  - Form 6A: Single Execution Affidavits
  - Form 6B: Independence Affidavit
  - Form 6C: Non-Collusion Affidavit
- ☐ Form 7: Drug Free Workplace
- ☐ Form 8: Certification to Accuracy of Proposal
- ☐ Form 9: Scrutinized Companies
- ☐ Form 10: Public Entity Crimes
- ☐ Form 11: Dispute Disclosure
- ☐ Form 12: List of Proposed Subcontractors
- ☐ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☐ A: Sample Contract
- ☐ B: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING
Solicitation No.:
RFQ # 2025-13

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: _____

Authorized Representative's Name: _____

Title: _____

Email: _____

Address:_____

Phone Number: _____

Authorized Signature: _____

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of _____

_____

_____ a business existing under the laws of the State of _____, (the "Entity") held on _____, 20____, the following resolution was duly passed and adopted:

> "RESOLVED, that, _____, as ____ _____ of the Entity, be and is hereby authorized to execute this Proposal dated _____, 20____, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this _____ day of _____, 20____.

Secretary: _____ President: _____

Print Name: _____ Print Name: _____

(Seal)

FORM 3B

CERTIFICATE OF AUTHORITY

(if Individual)

I,_____ ("Affiant") being first duly sworn, deposes and says:

1. I am the _____

   [Select and print as applicable: Owner/Partner/Officer/Representative/Agent] of: _____

   _____ doing

   business as _____, the

   Contractor that has submitted the attached Proposal.
2. I am fully informed respecting the preparation and contents of the attached Proposal and all of the pertinent circumstances respecting such Proposal.
3. I am authorized to execute the Proposal dated _____, and submit this Proposal to the Village of Key Biscayne, and the execution of this Certificate of Authority, attested to by a Notary Public, , will be the official act and deed of this attestation.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

ACKNOWLEDGMENT

State of Florida
County of _____

On this _____ day of _____, 20____, before me the undersigned, personally appeared _____, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.
Witness my hand and official seal:

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:

   _____

2. Principal Business Address, Phone and Email Address:

   Address: _____

   Phone: _____

   Email Address:_____

3. Principal Contact Person(s):

   _____

   _____

   _____

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):

   _____

   A. If a corporation, in what state incorporated: _____

   B. Date Incorporated: _____

   C. Federal ID Number (EIN)_____

   D. If a joint Venture or Partnership, date of Agreement: _____

   E. Name and address of all partners (state whether general or limited partnership): _____

   F. If other than a corporation or partnership describe, organization and name of principals. _____

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

   Name **Title**

   _____

   _____

   _____

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFQ Agreement. _____

7. List all entities participating in this Agreement (including subcontractors if applicable):

   Name **Address** **Title**

   A. _____

   B. _____

   C. _____

D. _____

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. _____
   B. _____
   C. _____
   D. _____

9. County or municipal business tax receipt number (attach copies):
   County: _____
   Municipal: _____

10. What is the last project of this nature you completed?
    _____

11. Have you made a site visit? _____ Yes, _____ No

12. How soon after the award can you begin work? _____ Days.

13. List any licenses, permits or certifications, etc., you hold for performing this type of work.
    _____
    _____
    _____

14. How did you hear about the RFQ? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. _____

15. Have you ever failed to complete any work awarded to you?
    Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

16. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

17. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

18. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or

arbitration against any other Florida public entity?
Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
Yes _____ No _____ **If yes, attach a separate sheet of explanation.**

21. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

22. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

23. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

24. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

25. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes _____ No ____ **If yes, attach a separate sheet of explanation.**

26. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ____ **No** ____ **If yes, attach a separate sheet of explanation.**

_____
Signature (Blue ink only)

_____
Print Name

_____
Title

_____
Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____
(Name of person acknowledging) *(Title)*

for _____.
(Company name)

Personally known to me _____ or has produced Identification _____, type of identification

produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #2

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #3

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #4

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

REFERENCE #5

Name of Company:_____

Reference Contact Name: _____

Contact Title: _____

Contact Email: _____

Contract Start Date: _____ **Contract End Date:** _____

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: _____

For (Name of Proposing or Bidding Entity): _____

Whose business address is: _____

And (if applicable) its Federal Employer Identification Number (FEIN) is: _____

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#: _____)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

_____
Proposer Initials

Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[ ] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

_____
Proposer Initials

No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

_____
Proposer Initials

Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

_____
Proposer Initials

Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

_____
Proposer Initials

Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

_____
Proposer Initials

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFQ # 2025-13 ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

_____
Proposer Initials

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

_____
Respondent Initials

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

ACKNOWLEDGMENT

State of Florida

County of _____

On this _____ day of _____, 20___, before me the undersigned, personally appeared _____, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

_____Produced identification (Type of Identification:_____)

_____Did take an oath; or

_____Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am _____ of _____, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

_____

_____

_____

_____

_____

_____

Signature (Blue ink only)

_____

Print Name

_____

Title

_____

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____

(Name of person acknowledging) *(Title)*

for _____.

(Company name)

Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is_____ of_____, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFQ is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

_____

Signature (Blue ink only)

_____

Print Name

_____

Title

_____

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____
(Name of person acknowledging) *(Title)*

for _____.
(Company name)

Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that _____ does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFQ document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFQ or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

_____

Signature (Blue ink only)

_____

Print Name

_____

Title

_____

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____

(Name of person acknowledging) *(Title)*

for _____.

(Company name)

Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFQ and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the RFQ and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is _____ of _____, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20_,

by _____ as _____
(Name of person acknowledging) *(Title)*

for _____.
(Company name)

Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

_____
Signature (Blue ink only)

_____
Print Name

_____
Title

_____
Date

STATE OF)
COUNTY OF)
The foregoing instrument was acknowledged before me this _____ day of _____, 20__,
by _____ as _____
(Name of person acknowledging) *(Title)*
for _____.
(Company name)
Personally known to me _____ or has produced Identification _____, type of identification produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. _____

2. This sworn statement is submitted by:_____
(name of entity submitting sworn statement)

whose business address is: _____

_____

_____

Federal Identification Number (FEIN) is: _____
(if applicable)

Social Security Number: _____

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: _____
(print name of individual signing this document)

and my relationship to the entity is:_____

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:

(a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or

(b) An entity under the control of any natural person who is active in the

management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, share holders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

    a. ____Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

    b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

        1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

        2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)
        3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of

General Services)

_____ _____

Signature Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__,

by _____ as _____

(Name of person acknowledging) *(Title)*

for _____.

(Company name)

Personally known to me _____ or has produced Identification _____, type of identification

produced_____.

(NOTARY SEAL HERE)

_____
SIGNATURE OF NOTARY PUBLIC

_____
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO _____

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO _____

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO _____

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: _____

Authorized Signature: _____

Print or Type Name: _____

Title: _____

Date: _____

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number

Firm: _____

Authorized Signature: _____

Print or Type Name: _____

Title: _____

Date: _____

FORM 13A – N/A

FORM 13B – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

PROPOSER'S REPRESENTATION

ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING

Proposal of _____

(Name)

_____

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.
The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

***NOTE:* THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.**

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No._____

Bidder's Occupational License No. _____

WITNESS:

_____ By: _____
Signature of Authorized Agent

_____

[SEAL]

ATTACHMENT A

PROFESSIONAL SERVICES AGREEMENT
BETWEEN
THE VILLAGE OF KEY BISCAYNE
AND
NAME OF ENTITY

THIS AGREEMENT (this "Agreement") is made effective as of the _____ day of _____ _____, 2025 (the "Effective Date"), by and between the **VILLAGE OF KEY BISCAYNE, FLORIDA,** a Florida municipal corporation, (the "Village"), and **NAME OF ENTITY**, a Florida [type of entity] (hereinafter, the "Consultant").

WHEREAS, the Village desires certain **ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING** and

WHEREAS, the Consultant will perform services on behalf of the Village, all as further set forth in the Proposal dated _____, 2024, attached hereto as Exhibit "A" (the "Services"); and

WHEREAS, the Consultant and Village, through mutual negotiation, have agreed upon a fee for the Services; and

WHEREAS, the Village desires to engage the Consultant to perform the Services and provide the deliverables as specified below.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the Consultant and the Village agree as follows:

1. Scope of Services.

1.1. Consultant shall provide the Services set forth in the Proposal attached hereto as Exhibit "A" and incorporated herein by reference (the "Services").

1.2. Consultant shall furnish all reports, documents, and information obtained pursuant to this Agreement, and recommendations during the term of this Agreement (hereinafter "Deliverables") to the Village.

2. Term/Commencement Date.

2.1. The term of this Agreement shall be from the Effective Date through six (6) months thereafter, unless earlier terminated in accordance with Paragraph 8. Additionally, the Village Manager may renew this Agreement for two (2) additional six (6) month on the same terms as set forth herein upon written notice to the Consultant.

SAMPLE

Consultant agrees that time is of the essence and Consultant shall complete the Services within the term of this Agreement, unless extended by the Village Manager.

3. Compensation and Payment.

3.1. Compensation for Services provided by Consultant shall be in accordance with the Proposal attached hereto as Exhibit "A." Consultant shall be compensated a flat rate, lump sum fee in the amount of $XXXX.XX per month.

3.2. Consultant shall deliver an invoice to Village no more often than once per month detailing Services completed and the amount due to Consultant under this Agreement. Fees shall be paid in arrears each month, pursuant to Consultant's invoice, which shall be based upon the percentage of work completed for each task invoiced. The Village shall pay the Consultant in accordance with the Florida Prompt Payment Act after approval and acceptance of the Services by the Village Manager.

3.3. Contractor's invoices must contain the following information for prompt payment:

3.3.1. Name and address of the Consultant;

3.3.2. Purchase Order number;

3.3.3. Contract number;

3.3.4. Date of invoice;

3.3.5. Invoice number (Invoice numbers cannot be repeated. Repeated invoice numbers will be rejected);

3.3.6. Name and type of Services;

3.3.7. Timeframe covered by the invoice; and

3.3.8. Total value of invoice.

Failure to include the above information will result in the delay of payment or rejection of the invoice. All invoices must be submitted electronically to payables@keybiscayne.fl.gov.

4. Subconsultants.

4.1. The Consultant shall be responsible for all payments to any subconsultants and shall maintain responsibility for all work related to the Services.

4.2. Consultant may only utilize the services of a particular subconsultant with the prior written approval of the Village Manager, which approval may be granted or withheld in the Village Manager's sole and absolute discretion.

5. Village's Responsibilities.

SAMPLE

Village shall make available any maps, plans, existing studies, reports, staff and representatives, and other data pertinent to the Services and in possession of the Village,

5.1. and provide criteria requested by Consultant to assist Consultant in performing the Services.

5.2. Upon Consultant's request, Village shall reasonably cooperate in arranging access to public information that may be required for Consultant to perform the Services.

6. Consultant's Responsibilities; Representations and Warranties.

6.1. The Consultant shall exercise the same degree of care, skill and diligence in the performance of the Services as is ordinarily provided by a consultant under similar circumstances. If at any time during the term of this Agreement or within two (2) years from the completion of this Agreement, it is determined that the Consultant's Deliverables or Services are incorrect, not properly rendered, defective, or fail to conform to Village requests, the Consultant shall at Consultant's sole expense, immediately correct its Deliverables or Services.

6.2. The Consultant hereby warrants and represents that at all times during the term of this Agreement it shall maintain in good standing all required licenses, certifications and permits required under Federal, State and local laws applicable to and necessary to perform the Services for Village as an independent contractor of the Village. Consultant further warrants and represents that it has the required knowledge, expertise, and experience to perform the Services and carry out its obligations under this Agreement in a professional and first class manner.

6.3. The Consultant represents that is an entity validly existing and in good standing under the laws of Florida. The execution, delivery and performance of this Agreement by Consultant have been duly authorized, and this Agreement is binding on Consultant and enforceable against Consultant in accordance with its terms. No consent of any other person or entity to such execution, delivery and performance is required.

7. Conflict of Interest.

7.1. To avoid any conflict of interest or any appearance thereof, Consultant shall not, for the term of this Agreement, provide any consulting services to any private sector entities (developers, corporations, real estate investors, etc.), with any current, or foreseeable, adversarial issues in the Village.

8. Termination.

8.1. The Village Manager, without cause, may terminate this Agreement upon five (5) calendar days' written notice to the Consultant, or immediately with cause.

8.2. Upon receipt of the Village's written notice of termination, Consultant shall immediately stop work on the project unless directed otherwise by the Village Manager.

8.3. In the event of termination by the Village, the Consultant shall be paid for all work accepted by the Village Manager up to the date of termination, provided that the Consultant has first complied with the provisions of Paragraph 8.4.

SAMPLE

8.4. The Consultant shall transfer all books, records, reports, working drafts, documents, maps, and data pertaining to the Services and the project to the Village, in a hard copy and electronic format within fourteen (14) days from the date of the written notice of termination or the date of expiration of this Agreement.

9. Insurance.

9.1. Consultant shall secure and maintain throughout the duration of this agreement insurance of such types and in such amounts not less than those specified below as satisfactory to Village, naming the Village as an Additional Insured, underwritten by a firm rated A-X or better by A.M. Best and qualified to do business in the State of Florida. The insurance coverage shall be primary insurance with respect to the Village, its officials, employees, agents, and volunteers naming the Village as additional insured. Any insurance maintained by the Village shall be in excess of the Consultant's insurance and shall not contribute to the Consultant's insurance. The insurance coverages shall include at a minimum the amounts set forth in this section and may be increased by the Village as it deems necessary or prudent.

9.1.1. Commercial General Liability coverage with limits of liability of not less than a $1,000,000 per Occurrence combined single limit for Bodily Injury and Property Damage. This Liability Insurance shall also include Completed Operations and Product Liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Consultant. The General Aggregate Liability limit and the Products/Completed Operations Liability Aggregate limit shall be in the amount of $2,000,000 each.

9.1.2. Workers Compensation and Employer's Liability insurance, to apply for all employees for statutory limits as required by applicable State and Federal laws. The policy(ies) must include Employer's Liability with minimum limits of $1,000,000.00 each accident. No employee, subcontractor or agent of the Consultant shall be allowed to provide Services pursuant to this Agreement who is not covered by Worker's Compensation insurance.

9.1.3. Business Automobile Liability with minimum limits of $1,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability policy, without restrictive endorsements, as filed by the Insurance Service Office, and must include Owned, Hired, and Non-Owned Vehicles.

9.1.4. Professional Liability Insurance in an amount of not less than One Million Dollars ($1,000,000.00) per occurrence, single limit.

9.2. Certificate of Insurance. Certificates of Insurance shall be provided to the Village, reflecting the Village as an Additional Insured (except with respect to Professional Liability Insurance and Worker's Compensation Insurance), no later than ten (10) days after award of this Agreement and prior to the execution of this Agreement by Village and prior to commencing Services. Each certificate shall include no less than (30) thirty-day advance written notice to Village prior to cancellation, termination, or material alteration of said policies or insurance. The Consultant shall be responsible for assuring that the insurance certificates required by this Section remain in full force and effect for the duration of this Agreement, including any extensions or renewals that may be granted by the Village. The Certificates of Insurance shall not only name the types

SAMPLE

of policy(ies) provided, but also shall refer specifically to this Agreement and shall state that such insurance is as required by this Agreement. The Village reserves the right to inspect and return a certified copy of such policies, upon written request by the Village. If a policy is due to expire prior to the completion of the Services, renewal Certificates of Insurance shall be furnished thirty (30) calendar days prior to the date of their policy expiration. Each policy certificate shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the Village before any policy or coverage is cancelled or restricted. Acceptance of the Certificate(s) is subject to approval of the Village.

9.3. Additional Insured. Except with respect to Professional Liability Insurance and Worker's Compensation Insurance**,** the Village is to be specifically included as an Additional Insured for the liability of the Village resulting from Services performed by or on behalf of the Consultant in performance of this Agreement. The Consultant's insurance, including that applicable to the Village as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the Village shall be in excess of and shall not contribute to the Consultant's insurance. The Consultant's insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured (for applicable policies) in the same manner as if separate policies had been issued to each.

9.4. Deductibles. All deductibles or self-insured retentions must be declared to and be reasonably approved by the Village. The Consultant shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim.

9.5. The provisions of this section shall survive termination of this Agreement.

10. Nondiscrimination. During the term of this Agreement, Consultant shall not discriminate against any of its employees or applicants for employment because of their race, color, religion, sex, or national origin, and will abide by all Federal and State laws regarding nondiscrimination.

11. Attorneys Fees and Waiver of Jury Trial.

11.1. In the event of any litigation arising out of this Agreement, the prevailing party shall be entitled to recover its attorneys' fees and costs, including the fees and expenses of any paralegals, law clerks and legal assistants, and including fees and expenses charged for representation at both the trial and appellate levels.

11.2. IN THE EVENT OF ANY LITIGATION ARISING OUT OF THIS AGREEMENT, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

12. Indemnification.

12.1. Consultant shall indemnify and hold harmless the Village, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising from Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties made pursuant to this Agreement. Consultant shall

SAMPLE

reimburse the Village for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising from Consultant's performance or non-performance of this Agreement.

12.2. Nothing herein is intended to serve as a waiver of sovereign immunity by the Village nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. The Village is subject to section 768.28, Florida Statutes, as may be amended from time to time.

12.3. The provisions of this section shall survive termination of this Agreement.

13. Notices/Authorized Representatives. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the addresses listed on the signature page of this Agreement or such other address as the party may have designated by proper notice.

14. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any proceedings arising out of this Agreement shall be proper exclusively in Miami-Dade County, Florida.

15. Entire Agreement/Modification/Amendment.

15.1. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

15.2. No agent, employee, or other representative of either party is empowered to modify or amend the terms of this Agreement, unless executed with the same formality as this document.

16. Ownership and Access to Records and Audits.

16.1. Consultant acknowledges that all inventions, innovations, improvements, developments, methods, designs, analyses, drawings, reports, compiled information, and all similar or related information (whether patentable or not) which relate to Services to the Village which are conceived, developed or made by Consultant during the term of this Agreement ("Work Product") belong to the Village. Consultant shall promptly disclose such Work Product to the Village and perform all actions reasonably requested by the Village (whether during or after the term of this Agreement) to establish and confirm such ownership (including, without limitation, assignments, powers of attorney and other instruments).

16.2. Consultant agrees to keep and maintain public records in Consultant's possession or control in connection with Consultant's performance under this Agreement. The Village Manager or her designee shall, during the term of this Agreement and for a period of three (3) years from the date of termination of this Agreement, have access to and the right to examine and audit any records of the Consultant involving transactions related to this Agreement. Consultant additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for

SAMPLE

the duration of the Agreement, and following completion of the Agreement until the records are transferred to the Village.

16.3. Upon request from the Village's custodian of public records, Consultant shall provide the Village with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

16.4. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the Village.

16.5. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Consultant shall be delivered by the Consultant to the Village Manager, at no cost to the Village, within seven (7) days. All such records stored electronically by Consultant shall be delivered to the Village in a format that is compatible with the Village's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Consultant shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

16.6. Any compensation due to Consultant shall be withheld until all records are received as provided herein.

16.7. Consultant's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the Village.

16.8. **Notice Pursuant to Section 119.0701(2)(a), Florida Statutes.** **IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS.**

Custodian of Records: **Jocelyn B. Koch**

Mailing address: **88 West McIntyre Street**

Key Biscayne, FL 33149

Telephone number: **305-365-5506**

Email: **jkoch@keybiscayne.fl.gov**

SAMPLE

17. **Nonassignability.** This Agreement shall not be assignable by Consultant unless such assignment is first approved by the Village Manager. The Village is relying upon the apparent qualifications and expertise of the Consultant, and such firm's familiarity with the Village's area, circumstances and desires.

18. **Severability.** If any term or provision of this Agreement shall to any extent be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each remaining term and provision of this Agreement shall be valid and be enforceable to the fullest extent permitted by law.

19. **Independent Contractor.** The Consultant and its employees, volunteers and agents shall be and remain an independent contractor and not an agent or employee of the Village with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be construed to create a partnership, association or any other kind of joint undertaking, enterprise or venture between the parties.

20. **Compliance with Laws.** The Consultant shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities in carrying out Services under this Agreement, and in particular shall obtain all required permits from all jurisdictional agencies to perform the Services under this Agreement at its own expense.

21. **Waiver.** The failure of either party to this Agreement to object to or to take affirmative action with respect to any conduct of the other which is in violation of the terms of this Agreement shall not be construed as a waiver of the violation or breach, or of any future violation, breach or wrongful conduct.

22. **Survival of Provisions.** Any terms or conditions of either this Agreement that require acts beyond the date of the term of the Agreement, shall survive termination of the Agreement, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

23. **Prohibition of Contingency Fees.** The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any person(s), company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

24. **State Required Affidavits.** By entering into this Agreement, the Consultant agrees to review and comply with the following state affidavit requirements:

    24.1. Public Entity Crimes Affidavit. Consultant shall comply with Section 287.133, Florida Statutes (Public Entity Crimes Statute), notification of which is hereby incorporated herein by reference, including execution of any required affidavit.

    24.2. E-Verify Affidavit. In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify

SAMPLE

system. The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify. By entering into this Agreement, the Consultant acknowledges that it has read Section 448.095, Florida Statutes; will comply with the E-Verify requirements imposed by Section 448.095, Florida Statutes, including but not limited to obtaining E-Verify affidavits from subcontractors; and has executed the required affidavit attached hereto and incorporated herein.

24.3. Noncoercive Conduct Affidavit. Pursuant to Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes. By entering into this Agreement, the Consultant acknowledges that it has read Section 787.06, Florida Statutes, and will comply with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

24.4. Prohibition on Contracting with Entities of Foreign Concern. Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern. By entering into this Agreement, the Consultant acknowledges that it has read Section 287.138, Florida Statutes, and complies with the requirements therein, and has executed the required affidavit attached hereto and incorporated herein.

25. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original and such counterparts shall constitute one and the same instrument.

26. Conflicts. In the event of a conflict between the terms of this Agreement and any exhibits or attachments hereto, the terms of this Agreement shall control.

[Remainder of page intentionally left blank. Signature pages follow.]

SAMPLE

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed the day and year as first stated above.

VILLAGE OF KEY BISCAYNE

By: _____
Steven C. Williamson
Village Manager

Attest:

By: _____
Jocelyn B. Koch
Village Clerk

Approved as to form and legal sufficiency:

By: _____
Weiss Serota Helfman Cole & Bierman, P.L.
Village Attorney

Addresses for Notice:
Village of Key Biscayne
Attn: Village Manager
88 West McIntyre Street
Key Biscayne, FL 33149
305-365-5514 (telephone)
305-365-8936 (facsimile)
swilliamson@keybiscayne.fl.gov (email)

With a copy to:
Weiss Serota Helfman Cole & Bierman, P.L.
Attn: Chad Friedman, Esq.
Village of Key Biscayne Attorney
2800 Ponce de Leon Boulevard, Suite 1200
Coral Gables, FL 33134
cfriedman@wsh-law.com (email)

CONTRACTOR

By: _____

Name: _____

Title: _____

Entity: **LEGAL NAME OF ENTITY**

Addresses for Notice:
_____
_____
_____
_____
_____(telephone)
_____(facsimile)
_____ (email)

With a copy to:
_____
_____
_____
_____
_____(telephone)
_____ (facsimile)
_____(email)

SAMPLE

E-VERIFY AFFIDAVIT

In accordance with Section 448.095, Florida Statutes, the Village requires all contractors doing business with the Village to register with and use the E-Verify system to verify the work authorization status of all newly hired employees. The Village will not enter into a contract unless each party to the contract registers with and uses the E-Verify system.

The contracting entity must provide of its proof of enrollment in E-Verify. For instructions on how to provide proof of the contracting entity's participation/enrollment in E-Verify, please visit: https://www.e-verify.gov/faq/how-do-i-provide-proof-of-my-participationenrollment-in-e-verify

By signing below, the contracting entity acknowledges that it has read Section 448.095, Florida Statutes and will comply with the E-Verify requirements imposed by it, including but not limited to obtaining E-Verify affidavits from subcontractors.

☐ **Check here to confirm proof of enrollment in E-Verify has been attached to this Affidavit.**

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Signed, sealed and delivered by:

_____

Print Name: _____

Title: _____

Entity Name: _____

ACKNOWLEDGMENT

State of Florida

County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20____, by_____ (name of person) as _____ (type of authority) for _____ _____ (name of party on behalf of whom instrument is executed).

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or

_____Produced identification (Type of Identification:_____)

_____Did take an oath; or

_____Did not take an oath

AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT FOR LABOR OR SERVICES

Effective July 1, 2024, Section 787.06, Florida Statutes, a nongovernmental entity executing, renewing, or extending a contract with a governmental entity is required to provide an affidavit, signed by an officer or a representative of the nongovernmental entity under penalty of perjury, attesting that the nongovernmental entity does not use coercion for labor or services as defined in Section 787.06(2)(a), Florida Statutes.

By signing below, **I hereby affirm under penalty of perjury that**:

1. I have read Section 787.06, Florida Statutes, and understand that this affidavit is provided in compliance with the requirement that, upon execution, renewal, or extension of a contract between a nongovernmental entity and a governmental entity, the nongovernmental entity must attest to the absence of coercion in labor or services.

2. I am an officer or representative of _____, a nongovernmental entity.

3. _____ does not use coercion for labor or services as defined in the relevant section of the law.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____

Print Name: _____

Title: _____

Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20____, by_____ (name of person) as _____ (type of authority) for _____ _____(name of party on behalf of whom instrument is executed).

_____
Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH ENTITIES OF FOREIGN COUNTRIES OF CONCERN

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), a governmental entity may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by ethe government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with a governmental entity which would grant the entity access to an individual's personal identifying information.

1. _____ ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

_____

Witness #1 Print Name: _____

_____

Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

_____

Print Name: _____

Title: _____

Entity Name: _____

OATH OR AFFIRMATION

State of Florida
County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20____, by_____ (name of person) as _____ (type of authority) for _____ _____(name of party on behalf of whom instrument is executed).

_____

Notary Public (Print, Stamp, or Type as Commissioned)

_____Personally known to me; or
_____Produced identification (Type of Identification:_____)
_____Did take an oath; or
_____Did not take an oath

EXHIBIT A

SCOPE OF SERVICES

The Scope of Services are those contained in the Proposal Section 2. dated _____, 2025 , attached hereto and incorporated herein by reference.

EXHIBIT B
CERTIFICATE OF INSURANCE

[ATTACH CERTIFICATE OF INSURANCE]

Village of Key Biscayne
Procurement Department
88 West McIntyre Street
Key Biscayne, Florida 33149

Phone (305) 365-7577
procurement@keybiscayne.fl.gov
www.keybiscayne.fl.gov

Addendum No. 1

RFQ for Zone 1 Alternative Stormwater Modeling and Planning
Addendum Release Date July 10, 2025

RFQ # 2025-11

ITB Due Date/Time: July 25, 2025, 11:30 a.m. Eastern Standard Time

Submit To: DemandStar
https://www.demandstar.com

The purpose of this Addendum is to answer questions received from potential proposers or provide additional information as it relates to this solicitation.

IMPORTANT NOTE – the following is added to RFQ # 2025-11. It is the Proposer's responsibility to use the revised information when preparing the response.

1. Q: What software was used to create the current hydrologic/hydraulic model?
   A: The Models were created using the traditional ICPR4 model one-dimensional (1D) model features.

2. Q: Can the latest itemized construction cost estimate for the ongoing Zone 1 stormwater improvements design be provided?
   A: The intent of Subtask 1.4 is to develop an independent cost estimate of a new stormwater system based on different design criteria. We would like the new cost estimate to be completed with impartiality. The existing AECOM Zone 1 cost estimate may be made available for comparison if needed.

3. Q: Can a copy of the 2015 EAC Stormwater Master Plan be provided?
   A: Yes, see addendum included.

4. Q: Page 14, Tab A-Representations and Certifications, States to provide a "Statement of Financial Stability". Would the Village please elaborate on what they want us to provide to proof this (i. e. a general statement from our leadership on our letterhead, a letter from our bank, or financial documents, which we would need to submit confidentially as we are a privately held company per Florida Statutes and Public Records Act.)?
   A: Any of the following can be provided:
   - **A general statement of financial stability on our company letterhead, signed by our leadership.**
   - **A letter from our financial institution affirming our financial standing.**
   - **Submission of financial documents (e.g., balance sheets, income statements), with confidentially clearly marked on each page.**

5. Q: Page 14, Tab B-Executive Summary, #4 states "Deliverables, tasks, activities, etc. as outlined in the Scope of Services". Please elaborate on how you would like firms to answer this request.
   A: Provide the approach including deliverables, tasks, and activities your team will take to provide the updated model for Zone 1, the stem level recommended solution, detailed solution for K8 area, construction cost estimate, risk assessment, and requested communications.

Village of Key Biscayne
Procurement Department
88 West McIntyre Street
Key Biscayne, Florida 33149

Phone (305) 365-7577
procurement@keybiscayne.fl.gov
www.keybiscayne.fl.gov

6. Q: Page 15, Tab C-Qualifications and Experience, "3. Provide a Personnel Plan…", states that we need to provide a complete operating plan that illustrates the proposal staffing plan for each operation on a daily, weekly, and monthly basis. Will the Village please confirm Requests A thru D in this section are not needed for this Design RFQ? As Proposal section "C 2. Service Team and Resume" sections A thru D already asks for an organization chart, resumes, and qualifications for each proposed staff member.
   A: The Organizational Chart will be enough.

7. Q: Page 15, Tab D-Subcontracting Plan, states that we need to provide "proposed dollars amount of subcontracting effort by category and references". Please confirm we do not need to provide any costs, and please elaborate on what references you would like to see from subconsultants.
   A: No cost information is required. Only the subcontractor details requested in Form 12 (page 63) are needed with the submittal.

8. Q: Please confirm if we ignore the Bonding and Claims history requests?
   A: No Bond is required. Claims against the company will be taken into consideration.

End of Addendum # 1

Village of Key Biscayne
Procurement Department
88 W. McIntyre Street
Key Biscayne, FL 33149

Phone (305) 365-7577
procurement@keybiscayne.fl.gov
www.keybiscayne.fl.gov

Pre-Bid Sign-In Sheet

RFQ for Zone 1 Alternative Stormwater Modeling and Planning

RFQ # 2025-13

Meeting Date: July 01, 2025

Meeting Time: 10:00 a.m.

Meeting Location: Key Biscayne BZP Conference Room, Suite # 250, 88 West McIntyre Street, Key Biscayne, Florida 33149.

No.	Name/Company	Phone	Email
1.	Daren Jairam	305-365-7577	djairam@keybiscayne.fl.gov
	Village of Key Biscayne		
2.	Arnaldo Roman		
	Chen Moore & Associates	305-490-5552	aroman@chenmoore.com
3.	Chen Moore	786-277-5424	spisani@chenmoore.com
4.	GEORGIO Tachiev		
	GIT CONSULTING LLC	305-852-9386	georgio@gitconsulting.net
5.	Evelyn Rodriguez	305 265 5860	erodriguez@eacconsult.com
	EAC Consulting.		
6.	Saiuy Nasser	—	—
	C		
7.	CHRIS MIRANDA	305 365 7568	CM.MIRANDA@KEYBISCAYNE.FL.GOV
8.	Calvin, Giordano & Associate		TZhao@cgasolutions.com
9.			
10.			
11.			

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9. Appendix I Catalog of Green Infrastructure Tools

1.0 INTRODUCTION

The Village of Key Biscayne ("Village" or VKB), a municipality located in Miami-Dade County, Florida, issued a request for qualifications (RFQ) solicitation for the selection of a firm to provide professional engineering services to the Village for the purpose of preparing and assisting in the stormwater improvement implementation plan for the Village's stormwater improvement projects. The intent of this request was to assist the Village in fulfilling goals and projects established in its Stormwater Master Plan (SWMP) in order to maximize fiscal efficacy and ensure compliance with the latest local, state, and federal regulations.

EAC Consulting, Inc., was selected by the Village Council as the Consultant to perform the requisite services to plan, engineer and administer the construction of the needed infrastructure improvements towards protecting the Village's residents and stakeholders from unnecessary flooding and effecting an enhanced level of service for all the Village's stormwater management and associated infrastructure.

1.1 Background

The Village of Key Biscayne - encompasses 850 acres and is characterized by terrain topography that is predominantly flat and low lying in relation to sea level. The elevations of the roadways are approximately 3.5 feet to nearly 6 feet above mean sea level (MSL) which, only provides a buffer of 2 to 4 feet above the average high tide elevations. Due to its close proximity to Biscayne Bay and the Atlantic Ocean, the Village's stormwater management system is completely influenced by tidal waters, which presents a challenge for stormwater disposal systems. The Village is Florida's southernmost barrier island and is susceptible to the potential impacts of Sea Level Rise and Climate Change.

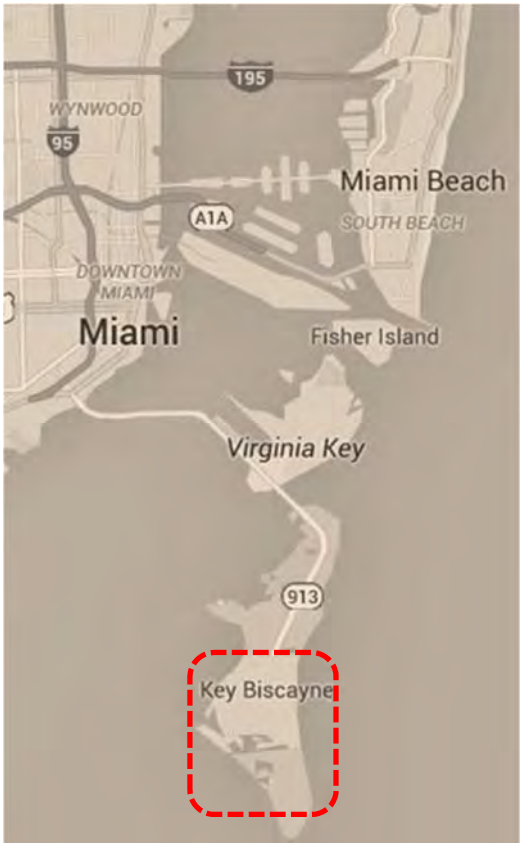


Figure 1-1: Location Map

The fluctuating sea levels directly affect the boundary conditions of the stormwater drainage systems within the Village. These issues, if not well understood can compromise and ultimately reduce the capacity of existing drainage systems that will result in flooding during severe storm events typically witnessed in Miami-Dade County. With this knowledge, our team will implement a project approach methodology that proposes measures and systems that will serve to protect the Village. These measures will protect residents and stakeholders from property damage and quality of life disruptions that are associated with excessive flooding and prolonged staging of storm water runoff on roadways and private parcels.

1.2 Purpose & Scope of Work

The implementation of the Village's SWMP ("the project") has two main task elements:

1. ***Hydraulic and Hydrologic Analyses and Evaluation*** of VKB's Storm Watershed incorporating recent infrastructure improvements undertaken by the Village, proposed implementation tasks identified in the Village's RFQ as well as the proposed improvements needed to achieve an acceptable stormwater management level of service for the Village.

   This effort will be cognizant of sea level rise considerations and will ensure that proposed improvements are sustainable and adequate to mitigate storm events consistent with current regulatory and jurisdictional standards.

2. ***Engineering Design and the Development of Construction Documents*** for each of the resulting stormwater management deficient locations including the priority basins as outlined in the VKB's RFQ document. This task will include the necessary data collection (surveying, subsurface utility engineering and geotechnical), civil engineering, electrical engineering and environmental assessments required for the project(s). Included in this element is the securing of all required jurisdictional approvals/permits, support during the procurement of construction and construction observation services to extent authorized by VKB. This element of the project will also encompass the public outreach/ workshops to be performed during the process of implementing the improvements.

1.3 Task 1- Hydraulic & Hydrologic Analyses

This Hydraulic and Hydrologic (H&H) Analyses report documents the process of analyses including the methodology, assumptions and assessment of findings. The report is organized in accordance with tasks undertaken as well the engineering and technical basis for the proposed analyses. The following tasks and report sections are included in this report:

- Section 1 – Introduction
- Section 2 – Data Collection & Evaluation
- Section 3 - Level of Service (LOS) Criteria
- Section 4 – Existing Conditions H&H Modeling & Analyses
- Section 5 – Proposed "Solution" Conditions H&H Modeling & Analyses
- Section 6 - Green Infrastructure
- Section 7 - Capital Projects Plan
- Section 8 - Public Outreach Efforts

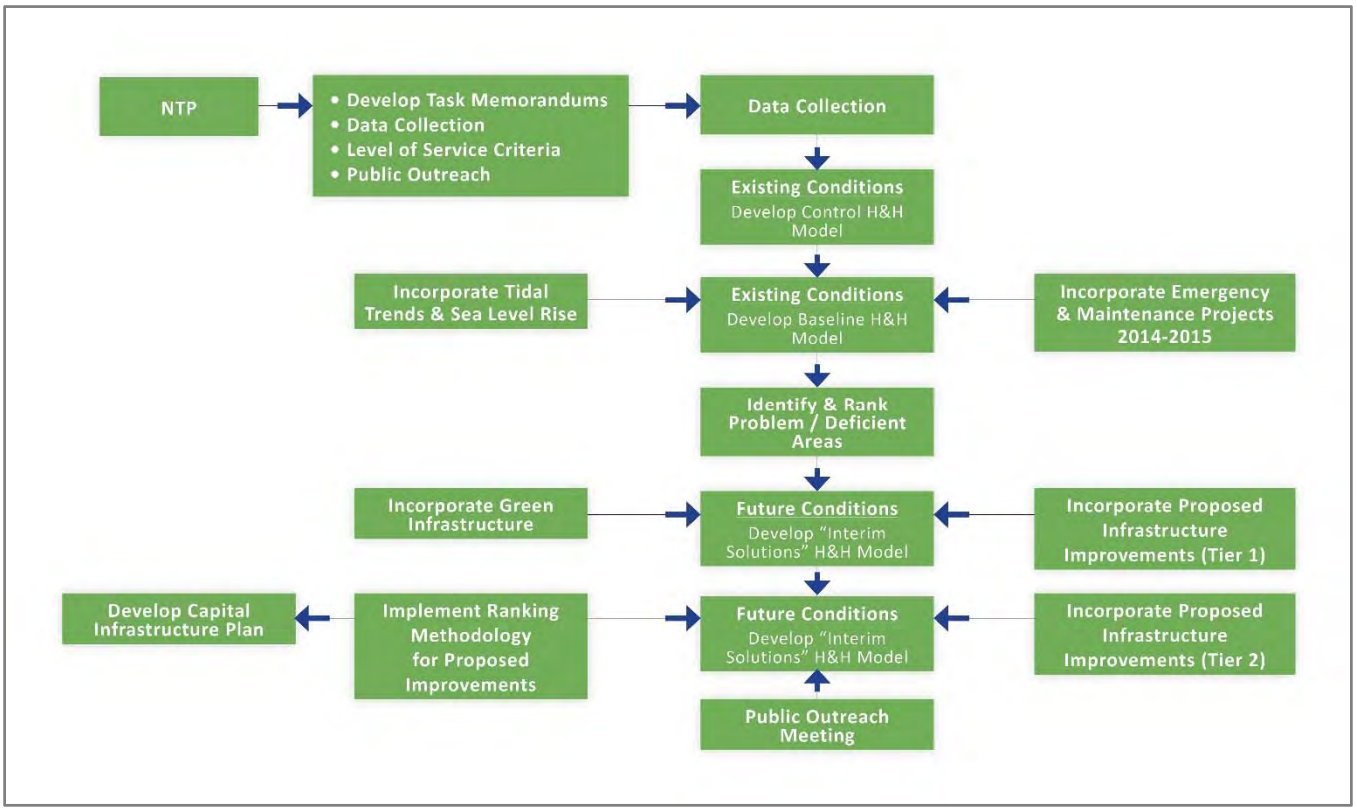


Figure 1-2: SWMP Implementation Plan Work Flow

2.0 DATA COLLECTION AND UTILIZATION

This section provides a detailed description of the efforts undertaken in gathering and collecting data, materials, and other relevant information required for the analyses of the Village's stormwater infrastructure system. The data collection is both an important and integral task towards embarking on the implementation of infrastructure repairs, rehabilitation, replacements and improvements as needed for improving and optimizing the Village's storm water management systems. The section summarizes the various data and data sources collected and utilized for Hydraulic & Hydrologic analyses of the Village's watershed.

The analyses to be performed under Task 1 will take into consideration the elements and components of the existing system within the Village including but, not limited to collection drainage structures, conveyance pipes, outfall structures, system junctions, and disposal infrastructure. The analyses also must consider the hydrologic conditions within the Village such as topography, ground cover, location, and characteristics of water bodies, ground water, rainfall amounts/patterns, and other pertinent specific local conditions including vulnerability to high tides and Sea Level Rise (SLR).

The narrative also provides relevant information on the applicability of the data to the H&H Analyses effort.

2.1 Data Sources

The data collection efforts encompassed a coordinated streamlined approach that involved reaching out to several entities with jurisdiction or that maintain existing records or have been tasked by VKB's Public Works and Stormwater Representative with the responsibility to handle certain functions on the Village's behalf. The following entities were contacted and coordinated with:

i. Village of Key Biscayne – Public Works Department
ii. Tetra Tech, Inc
iii. Jaffer Well Drilling, A Division of A.C. Schultes of Florida, Inc.
iv. Layne Inliner Products
v. A&A Drainage, Inc
vi. Florida International University (FIU)
vii. Federal Emergency Management Agency (FEMA) - National Flood Insurance Program
viii. Florida Department of Transportation (FDOT)
ix. Florida Department of Environmental Protection (FDEP) (Underground Injection Control Program)
x. Miami-Dade County Regulatory and Economic Resources (RER)
xi. Miami-Dade Transportation and Public Works (DTPW)
xii. Miami-Dade County Information Technology Department (ITD)
xiii. South Florida Water Management District (SFWMD)
xiv. National Oceanic and Atmospheric Administration (NOAA)
xv. United States Army Corps of Engineers (USACE)
xvi. United States Geological Survey (USGS)
xvii. Pollution Elimination Corporation (PELCO)
xviii. Natural Resources Conservation Service (NRCS)
xix. MODUS

2.2 Data Collection

The following subsections detail the items collected under this data collection task.

2.2.1 Village Public Works Inventory & Worksheets

The Village also provided an Existing Drainage Structure Inventory excel spreadsheet documenting what appears to be the assumptions used for the development of the InfoSWMM model network and a

Permitted Outfall inventory table identifying all of the Villages permitted outfalls which the Village is in the process of inspecting.

2.2.2 Village Public Works - Stormwater Improvement Project As-Builts

The Village provided as-builts for the "*Stormwater Improvement Plan Basins 1-8 and Water Distribution Improvements"* project showing a submitted date of August 14, 1996, on the cover of the digital set provided. These as-builts were for an extensive stormwater improvement project throughout the Village. It is understood that these as-builts were the initial basis for the GIS based stormwater infrastructure feature classes available from the Village and currently maintained by an external consultant.

The Village also provided additional design and as-built records for other completed or ongoing projects within the Village based on their availability.

These items were evaluated for inclusion into the InfoSWMM model update to be performed by EAC for this project.

2.2.3 2011 Stormwater Master Plan Report & Models

The existing 2011 SWMP Update developed by Tetra Tech, Inc. was provided in PDF format by the Village. This report provided a detailed description of the activities and analyses performed for the development of the SWMP and the findings substantiated by the analyses performed. Pertinent exhibits and appendices were also provided by the Village.

The 2011 SWMP InfoSWMM models including the hydraulic network, hydrologic parameters, and results files for the simulations performed as part of the Stormwater Master Plan update were also collected as part of this data collection task. The InfoSWMM model version is documented as version 9.0.

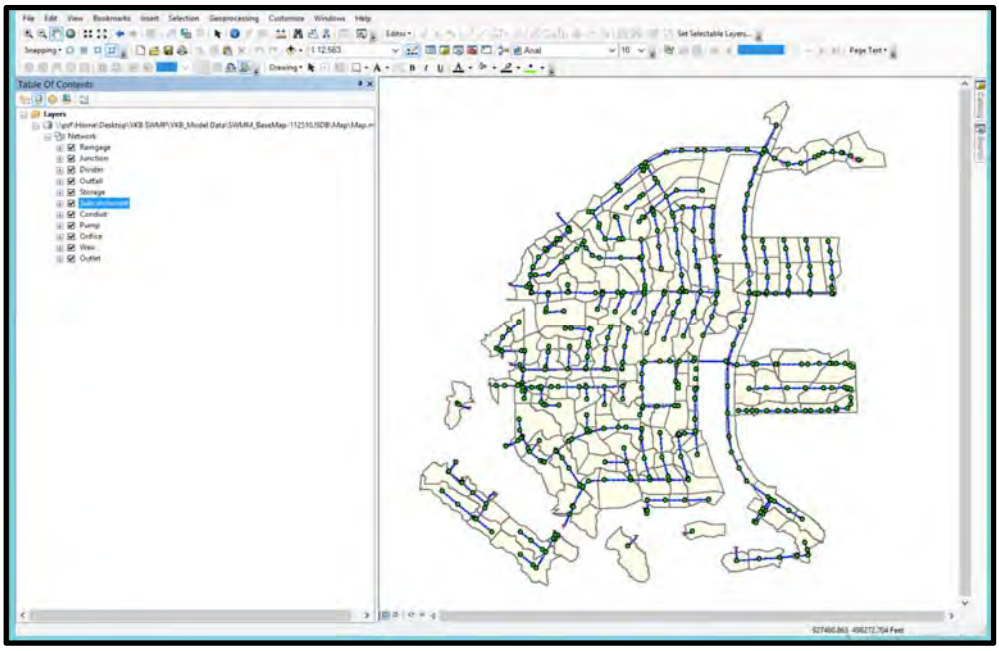


Figure 2-1 – Village of Key Biscayne InfoSWMM Network Schematic in ArcMap

In addition to the 2011 SWMP Update, the Village also provided the 1993 Stormwater Management Master Plan report prepared by Williams, Hatfield, and Stoner, Inc. (WHS), which also documents the observations, testing, analytical methodologies, findings, and recommendations as of 1993.

2.2.4 Topographic Data

The most readily available topographic data for large expanses of land is typically LiDAR based topographic data. LiDAR, which stands for Light Detection and Ranging, is a remote sensing method that uses a pulsed laser to measure the distance between the Earth and the collection unit typically based onboard a plane. These distance measurements, combined with other data recorded by the plane's airborne systems, can be used to generate topographic elevations points which can then be used to prepare detailed topographic models of the shape of the surface surveyed.

LiDAR data was available for the Village's geographic limits from a central repository of LiDAR data hosted by Florida International University (FIU) at their GIS-RS Center. The LiDAR dataset is a topographic survey conducted for the State of Florida Division of Emergency Management LiDAR Project under the guidance of a Licensed and Professional Surveyor/Mapper. This data is intended to support the creation and refinement of integrated ground and surface water models and Federal Emergency Management Agency Flood Insurance Rate Maps (FEMA FIRM).

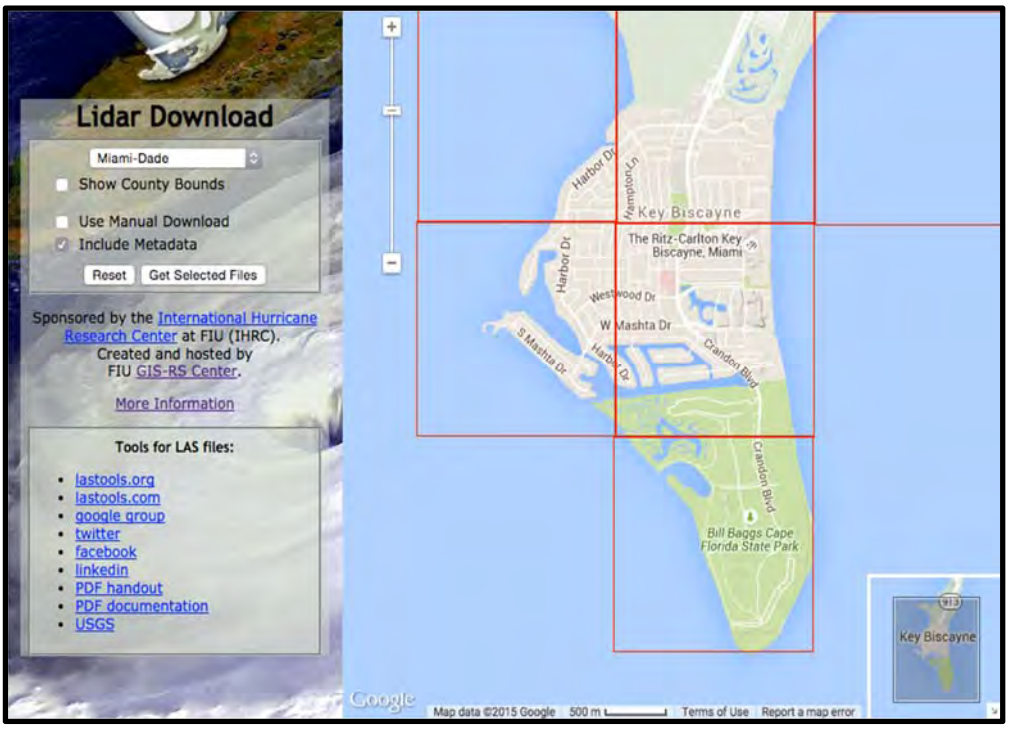


Figure 2-2 – Florida International University's Web Based LiDAR Data Repository

The most readily available LiDAR based data points were collected from August 2007 through January 2008. According to datasets metadata, the point cloud was collected at a density sufficient to support a maximum final post spacing of 4 feet for unobscured areas. The LiDAR data is available in 5000 feet by 5000 feet tiles, four of which encompass the Village.

EAC approached Miami-Dade County in June 2015 in order to verify that the data collected from FIU was the latest LiDAR based topographic dataset available. According to a representative from the Stormwater Utility Planning Division within Miami-Dade County (County), the County was in the process of collecting new LiDAR data and the LiDAR data was not going to be available in the near future. This newer data set would represent a more accurate and detailed representation of the topography of the Village and should be considered for future inclusion into the Village's GIS data repository and into the Village's InfoSWMM models utilized for the next VKB Stormwater Master Plan update.

EAC also approached the original developers of the 2011 SWMP Update in order to collect the topographic DEM used for the SWMP.

2.2.5 Geographic Information Systems (GIS) Data

Miami-Dade County's (County) Information Technology Department (ITD) through its GIS Division maintains a central repository of geographic data comprised of numerous layers; the street network and property (parcel) layers being the primary base layers. This GIS data is available through the County's GIS Self Services website. This website allows users to search through and choose GIS data that is pertinent to their interests.

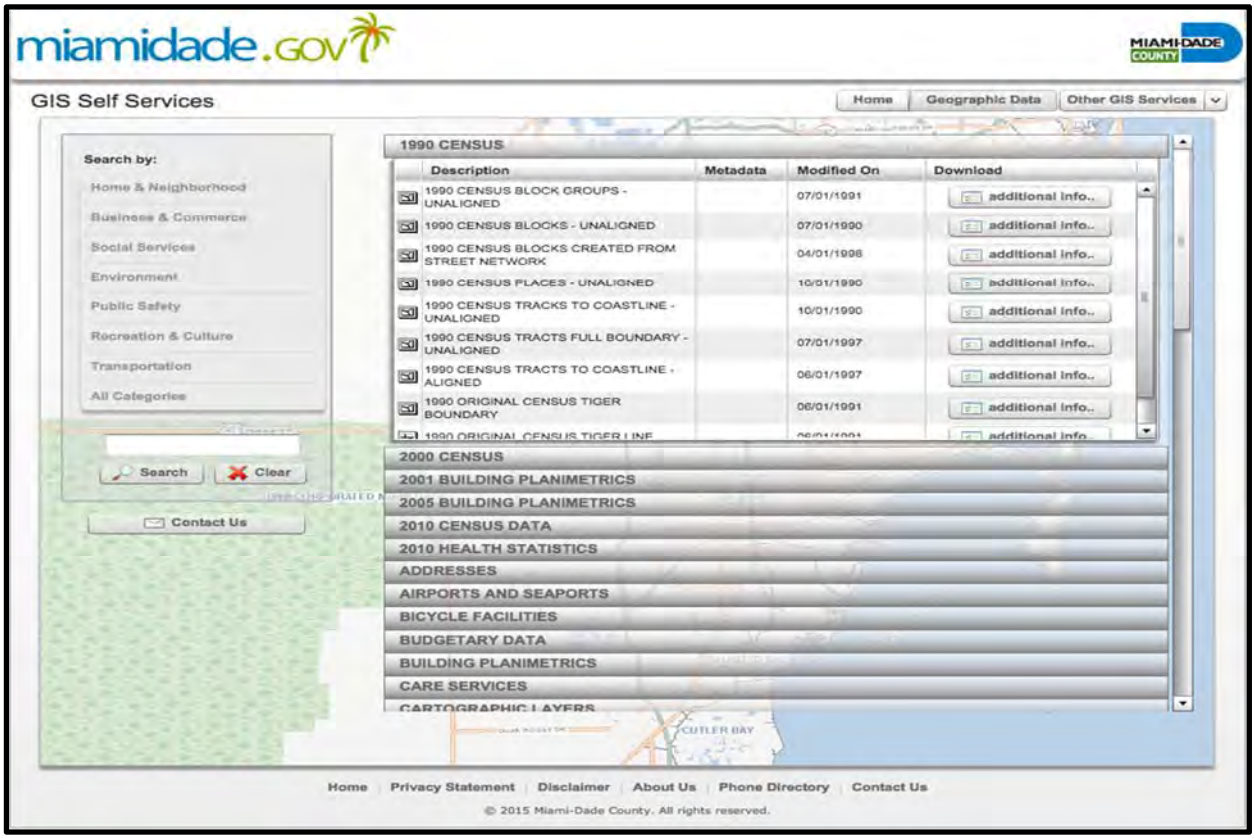


Figure 2-3 – Miami-Dade County GIS Self Service Website

In addition, EAC coordinated with the Village to collect GIS data maintained by the Village. The data includes two geodatabases that represent the available GIS feature classes maintained and used by the Village. The following is a listing and short description of the individual feature classes within the two geodatabases provided:

1. VKB_Stormwater_2015 (Personal Geodatabase and associated Feature Classes)
    a. ComplaintAreas - This dataset includes complaints logged and identified by parcel boundaries with physical address and SWMP basin area name.
    b. Exfiltration - This dataset seems to be exfiltration trenches done for a specific project, Civic Center, and provides the length of each segment.
    c. MiamiDadeBM - This dataset includes Miami-Dade County benchmarks near the Village and includes the benchmark name and source.

d. NGS_BM - This dataset includes benchmarks identified in NOAA's National Geodetic Survey (NGS), which includes the data source, datum, adjusted elevation, and condition of the benchmark.
e. parcel_centroids_address_file - This dataset includes the centroid of the parcel boundaries within the Village.
f. Pipes_07192011 - This dataset includes the pipe network within the Village and includes the pipe diameter, pipe type, comments (most comments state assumption of pipe diameter), inverts, editor and last update date, which appears to have last been last updated in June 2015.
g. Flow - This dataset includes the same information as Pipes_07192011, but with data that does not match Pipes_07192011 in the each item. This dataset does not include the editor and last edited date.
h. RLP - The dataset contains parcel boundaries of Repeated Loss Properties (RLP) with its corresponding physical address and the type of complaint.
i. StudyArea - This dataset contains the Village's study area limits and excludes the majority of parcels along the east coast of the Village.
j. SW_Structures - This dataset includes the stormwater structures data. It includes an associated project name, Design ID, rim elevation, invert elevation, the SWMP basin name, and the editor and last edited date.
k. Strucs_07192011 - This dataset appears to be the same as the SW_Structures dataset, but created prior to SW_Structures.
l. SWMMP2010Update_Basin - This dataset includes the Village basin boundary of the Village's SWMP 2010 Update.
m. SWMMP2010Update_SubCatchment - This dataset includes the Village sub-basin boundary of the Village's SWMP 2010 Update.
n. VKB_Boundary - This dataset includes geographic boundary of Miami-Dade County and the Village.

2. Base (File Geodatabase and associated Feature Classes)
   a. BuildingFootprints - This dataset includes the building footprint shapes last updated in November 2008.
   b. CriticalMeterParcels - This dataset appears to include the critical facilities. There are several parcels identified within the Village, along with the facility type (school, police, and utility). The facilities identified are St. Agnes School, Key Biscayne Elementary School, Key Biscayne Police Department, and Key Biscayne Fire Rescue)
   c. CriticalSiteParcels - This dataset also appears to include the critical facilities. There are several parcels identified within the Village, along with the facility type (library, parks, helicopter landing, and other). The facilities identified are Miami-Dade Public Library Key Biscayne Branch, Village Green Park, St. Christopher's by-the-Sea, Key Biscayne Community Church, and Key Biscayne Presbyterian Church.
   d. EdgeOfPavement - This dataset represents the edge of pavement with the Village. Edge of pavement (roadway depicted).
   e. GolfCourses - Not applicable to Village.
   f. Hydrolines_24K - This dataset does not contain any features within the Village. However, per metadata, this data was collected as part of the National Mapping Program and contains Hydrological Line Features from the USGS 1:24000 scale DLG's.
   g. Land_24K - This dataset is the land boundary. Per metadata, this dataset contains Hydrological Poly Features from the USGS 1:24000 scale DLG's.
   h. LandArea - This dataset represents the land area/shoreline in coastal areas, but does not contain features with the Village.
   i. MajorHydro - Not applicable to Village.

j. Municipal - Not applicable to Village. This dataset seems to be only applicable for Port St. Lucie, St. Lucie Village, and Fort Pierce.
k. MunicipalBoundaries - This dataset includes the geographical Village boundary.
l. NHDPlus_Flowlines_ 100K - Not applicable to Village.
m. NHDPlus_ WaterBodies_100K - Not applicable to Village.
n. Parcels - This dataset includes parcel boundaries. However, no data for parcels is provided within the Village boundary. Therefore, it is not applicable.
o. Parks - This dataset includes the park areas with the Village.
p. ParksPreserves - Not applicable to Village.
q. Railroad - Not applicable to Village.
r. Riverlines - Not applicable to Village.
s. Streets - This dataset includes the streets layer in Miami-Dade County & St. Lucie County.
t. WaterBodies - Not applicable to Village.
u. WaterBodies_24K - This dataset includes the boundaries of water bodies. Per metadata, the dataset contains Hydrological Poly Features from the USGS 1:24000 scale DLG's.

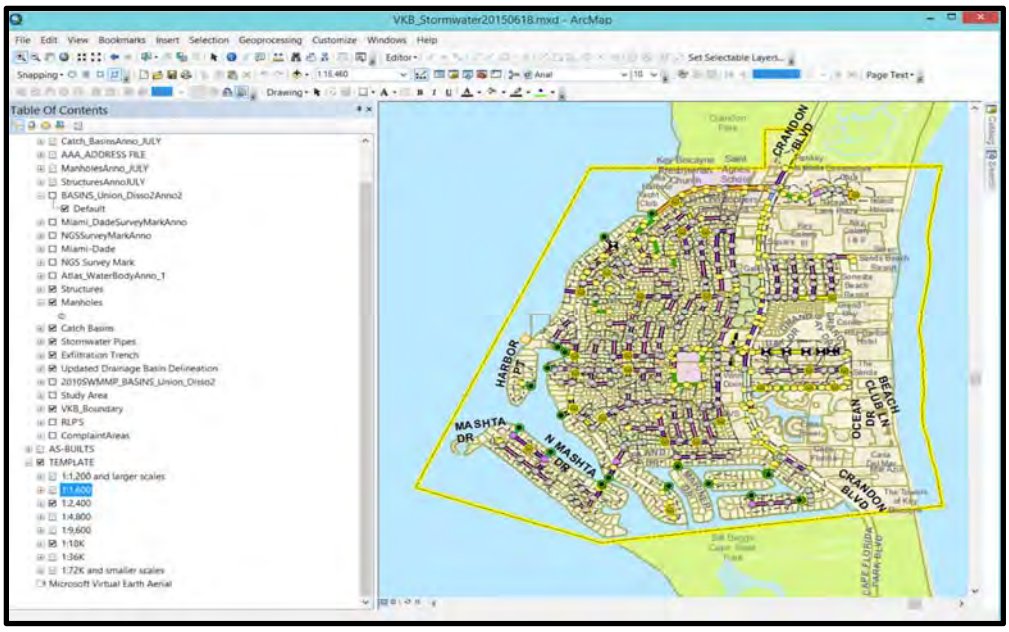


Figure 2-4 – Village of Key Biscayne GIS-based Stormwater Infrastructure Data

The feature classes related to stormwater infrastructure also contain edit tracking which will enable the EAC team to focus updates to the InfoSWMM models based on what items have changed since the development of the 2011 SWMP InfoSWMM models – currently there are modifications to 135 pipe segments and 8 drainage structures/manholes. Additionally, the Village maintains a GIS feature class which collects annotated data from the Village staff pinpointing areas in need of additional investigation by the Village's contractors. This feature class logs all inquiries as they are input and addressed.

Lastly, a map exhibit illustrating flood prone areas was reviewed on-site at the Village. This map shows areas where flooding has been observed throughout the Village based on documented site visits by Village staff.

2.2.6 Village Stormwater Management System Maintenance Records

The Village maintains two contractors (vendors) under contract for the purposes of maintaining their stormwater infrastructure. Jaffer Well Drilling (Jaffer), A Division of A.C. Schultes of Florida, is a well drilling contractor specializing in the development and maintenance of wells. A&A Drainage, Inc (A&A) is a maintenance contractor specializing in the maintenance and physical inspecting of stormwater infrastructure systems.

Jaffer Well Drilling is tasked with testing, maintaining, and redeveloping the existing 28 Village owned wells, at the discretion of the Village. The Village maintains a program where, depending on available funding, a specific number of wells are identified for cleaning/maintenance on a rotating basis. Jaffer provides the Village with flow rates prior to and after cleaning/maintenance activities; the testing and maintenance records are maintained by the Village and updated regularly using the data provided by Jaffer.

The Village Public Works staff provided EAC with a table identifying the wells and their locations; the physical dimensions of the wells including cased and uncased depths; the depth of sedimentation observed prior to cleaning; the date of the most recent cleaning/maintenance/; the pre- and post-maintenance flow rates; and the date the activities were performed.

A&A Drainage Inc., was recently tasked with cleaning and surveying the Village's stormwater infrastructure systems. Based on our understanding, A&A Drainage Inc., follows the Village's maintenance program, at the discretion of the Village, and provides input for refining the Village's GIS based stormwater infrastructure feature classes. A&A Drainage Inc., surveys the Village's stormwater management systems and inputs their findings into an ArcGIS Online-based maintenance feature class maintained by the Village. These findings are compared to the existing stormwater infrastructure data and are then propagated into the Village's master stormwater infrastructure feature classes.

The well data available from Jaffer and the field-verified stormwater infrastructure data available from A&A Drainage, Inc was evaluated for inclusion into the InfoSWMM model update to be performed by the EAC for this project.

2.2.7 Existing Stormwater Pump Station(s) Operating Conditions

EAC collected the daily operating data from the existing pump stations remotely (via telemetry) through the SCADA system set up by PELCO. PELCO is the approved vendor of the Village and has an agreement in place to maintain the existing stations operational. The SCADA data received provides the following specific information:

- Daily Runtime (minutes) Per Pump
- Daily No of Starts Per Pump
- Daily Average (Minutes / Start)
- Weekly Alarm Call Outs (including Total Events and Notification Attempts)
- Real time RTU Transmissions
- Response Times

2.2.8 South Florida Water Management District (SFWMD)

EAC contacted SFWMD to verify the availability of recent data that may facilitate the process of the H&H Analyses. SFWMD has GIS Data titled "*2007-08 Miami Dade 5-ft DEM*". This raster dataset is a 5-ft digital elevation model (DEM) of bare earth for eastern and southern portions of Miami-Dade County, as well as relatively small portions of Monroe County that are adjacent to Miami-Dade's southern and southwestern border. Elevation values are in feet, North American Datum of 1988 (NAVD 1988).

The DEM was created using data from the 2007 Florida Division of Emergency Management (FDEM) Statewide Coastal LiDAR project (Delivery Blocks 3, 4 and 5; flown between Jul 2007 and Apr 2008).

According to SFWMD sources, the District used the last known set of accepted vendor deliverables from FDEM's delivery blocks 3, 4 and 5. These 3 blocks consist of a total of 1219 tiles, with each tile sized 5000-ft by 5000-ft, in accordance with FDEM's tiling system. Block 5 is the northernmost block, approximately north of Coral Way/ SW 24th Street.

2.2.9 Federal Emergency Management Agency (FEMA)

EAC also retrieved important information from FEMA with respect to its National Flood Insurance Program (NFIP). The FEMA Flood Map Service Center (MSC) is the official public source for flood hazard information produced in support of the NFIP. The Flood Insurance Rate Map (FIRM) is the official map that illustrates the flood plains for special hazard areas and risk premiums zones as delineated by FEMA. FEMA is able to display areas and or locations that are within the 100 year flood boundary by using a FIRM. For the Village, four panels are ascribed to the Village depending on geographic location within the Key.

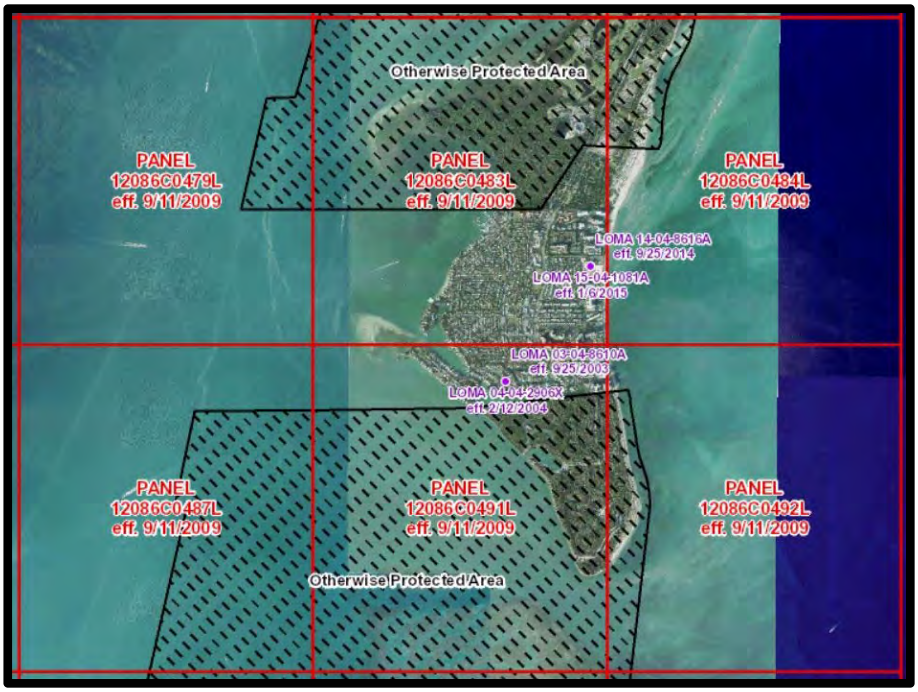


Figure 2-5 – Village of Key Biscayne FEMA FIRM Maps

2.2.10 National Oceanic and Atmospheric Administration (NOAA)

The National Oceanic and Atmospheric Administration (NOAA) is a federal agency focused on the conditions of oceans and the atmosphere. NOAA guides the protection of ocean and costal resources as well as environmental information which manifest itself in a multitude of various applications, where the production of weather warnings and forecasts is one of its main objectives. This information is vital for civil engineers and city planners in coastal communities along South Florida who must constantly guard against the threat of the next big hurricane and rising sea levels.

NOAA is the authoritative source for accurate and reliable water-level measurements throughout the United States. NOAA has been measuring the sea for over 150 years and has been able to prepare gauges representing the expected high tides and sea level rise projections at various locations throughout

the United States and the world. EAC utilized information on the NOAA website for the purpose of incorporating pertinent data into the H&H model.

2.2.11 United States Geological Survey (USGS)

The USGS maintains a network of groundwater wells that are monitored continuously in cooperation with SFWMD. There are no active groundwater wells is within the Village. In general, groundwater stage data can be obtained from the following website:

a) Main USGS data portal - http://www.sflorida.er.usgs.gov/
b) Data access site - www.sflorida.er.usgs.gov/ddn_data/index.html

EAC reviewed information from the USGS portal to have a comprehension of the most recent water levels (in feet. National Geodetic Vertical Datum of 1929 (NGVD 29)) from groundwater wells and stream gauges located in close proximity.

2.2.12 United States Army Corps of Engineers (USACE)

USACE has as part of its library of publications an Engineering Circular that discusses future potential sea level changes and their effects on managing, planning, engineering, designing, constructing, operating, and maintaining USACE projects and systems of projects in coastal regions. This document references various locations in South Florida. This document is available via the web at the following location:

a) USACE Main Engineer Circular Portal - http://140.194.76.129/publications/eng-circulars/
b) USACE Sea Level Change Engineer Circular (EC 1165-2-211) http://140.194.76.129/publications/eng-circulars/EC_1165-2-212.pdf

2.2.13 Natural Resources Conservation Service (NRCS)

The NRCS is a federal agency under the United States Department of Agriculture (USDA) which performs and maintains soil survey information for the United States. Through the USDA's Geospatial Data Gateway site, soil maps and data are accessible online for counties within the State of Florida. The site is updated and maintained as an authoritative source of soil survey information and can be accessed via the web at the following location:

a) Main Geospatial Data Gateway Portal - http://datagateway.nrcs.usda.gov

Additional data is available through this system including digital ortho-imagery, digital elevation models, and other cultural and demographic data.

2.2.14 Picture Records from Site Visits

EAC obtained photo records from the Village's Public Works Department and visited the Village several times during the process of the H&H analyses task. EAC's main goals for the site visits were to assess prevailing conditions and performance of the existing storm water management system after short duration and prolonged storms. Furthermore, EAC needed to observe the response of the Village's infrastructure to tidal conditions without the occurrence of a rainfall or no precipitation.

Representative photographs are provided on the following pages.



Looking East on Palmwood Road



Intersection of Sonesta Drive & Pacific Road



Looking West on West Heather Drive



Intersection of Alendale Rd & Palmwood Lane



Intersection of McIntyre Street & Ridgewood Road



K-8 School Area



Street Ponding - High Tide No Precipitation



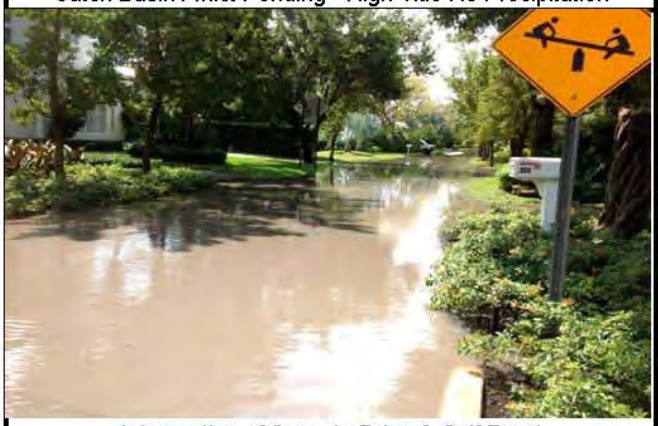
Looking East on Sonesta Drive



Catch Basin / Inlet Ponding - High Tide No Precipitation



West Heather Dr - High Tide No Precipitation



Intersection of Sonesta Drive & Gulf Road



Street Ponding - High Tide No Precipitation



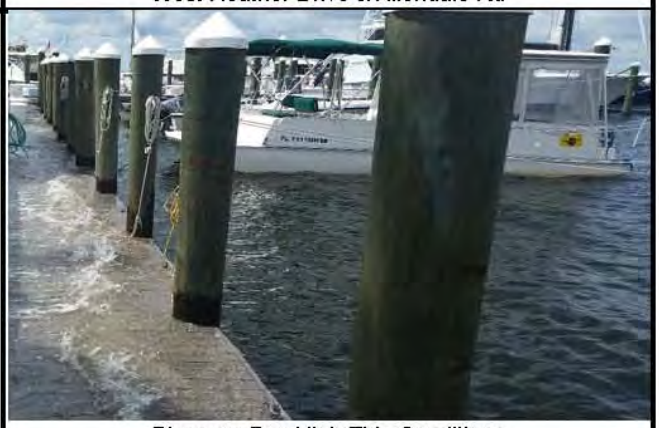
Looking West on Palmwood Drive



West Heather Drive & Allendale Rd



Significant Street Ponding



Biscayne Bay High Tide Conditions

3.0 LEVEL OF SERVICE (LOS) & APPLICABLE CRITERIA

This section provides a detailed description of the Village's expectations as it relates to the level of service anticipated for storm water infrastructure under its jurisdiction as well as pertinent and applicable criteria and guidelines governing the levels of operational performance.

3.1 Level of Service (LOS) Criteria

The primary purpose of establishing or defining LOS criteria is to protect public safety and property. The existing land uses in the Village are defined predominantly by location west or east of Crandon Boulevard. To the west, exists a large cluster of single family homes, a public recreational area, an elementary school centrally located within the neighborhood and commercial development along Crandon Boulevard. To the east, the land use is primarily multi-family high-rise residential with some hotel/ commercial development as well as an area designated as single family between East Drive and north of Galen Drive.

As noted in the 2011 SWMP Update, the Village is considered completely developed for the purpose of this stormwater evaluation process and future land use changes will considered with negligible variation.

The establishment of LOS criteria for the purpose of this effort is aimed at ensuring that all roadways are maintained for public use, roadways accessible during high precipitation events and to ensure that infrastructure are in place to control flood stages below homes and buildings as practicable. The LOS criteria were used to identify and define potential problem areas after performing all H&H calculations and analyses. Once areas of deficiencies were identified, improvements were developed and the LOS criteria were then used to evaluate the effectiveness of proposed infrastructure improvements.

The adopted LOS criteria play a significant role in the capital improvements proposed as they directly affect the size, cost and schedule of proposed infrastructure improvements. All of the Village's current stormwater management LOS as established in the 2011 SWMP Update will be maintained with several modifications to ensure congruency with applicable jurisdictional guidelines. These "adjustments" were made based on:

a) Input from the Village's Public Works Department
b) New & updated Hydraulic & Hydrologic (H&H) data
c) New industry accepted storm water drainage management practices such as Sea Level Rise (SLR)

The LOS Criteria established for this evaluation are itemized as follows:

1. The total contributory area was maintained as per the 2011 SWMP Update.
2. The vertical datum for elevation references is the North American Vertical Datum of 1988 (NAVD 88).
3. Consistent with the 2011 SWMP Update, all analyses and design evaluations for the Village's storm water management infrastructure will incorporate high tidal elevations in the Bay as the tailwater condition(s) for theH&H model. For specificity purposes, this value has been determined in addition to sea level rise considerations derived as part of the analyses procedures.
4. The SFWMD standard rainfall depths and distribution curves for the various storms were utilized as required for the H&H Analyses.
5. Peak elevations and flows were determined for each of the basins within VKB's storm water watershed model for the following design storm events for the following events:
    - 5-year, 72-hours
    - 10-year, 72-hours
    - 25-year, 72-hours
    - 100-year,72-hours

6. Roadway Flooding Criteria : Miami-Dade County Department of Transportation and Public Works (DTPW) Criteria

7. Design Storm Frequencies and Flood Limits (established in the Miami-Dade County Public Works Manual, Part 2, Design and Construction)

Design Storm Frequencies and Flood Limits		
Roadway Location & Type	Rainfall Frequency	Flood Limits
Residential and Commercial Areas	5-year	To Crown of Street or within 15 feet of dwelling or occupied building, whichever is lower
2-Lane Roads in Residential and Commercial Areas	5-year (10-year for Bridges)	To Crown of Street
4-Lane Roads in High Traffic & Density Areas	10-year	To outer edge of Traffic Lanes

8. Existing Basins as delineated in the 2011 SWMP Update (identifying 14 separate individual basins) were maintained. However, LIDAR information obtained from the County were utilized to verify the delineations and applicable adjustments made to reflect topography information.

9. Positive Discharge: All existing outfalls were to be field verified by the Village Public Works Department prior to finalization of the H&H Analyses & Evaluation process. The results of the findings shall be appropriately incorporated into the effort.

10. Pipe Hydraulic Opening Reduction: Various existing cast iron / metal piping have recently undergone rehabilitation via pipe lining. The H&H model has been updated to include their respective hydraulic opening appropriately reduced to reflect loss of area. All other existing cast iron/metal pipes within the system will assumed to have lost 50% of the hydraulic opening due to the expected degradation of this pipe material under the subsurface ground water conditions within the Village. The Village will implement a capital program that involves relining all metal pipes Village-wide.

11. It was assumed that for this effort, the storm water infrastructure and hydraulic inter-connectivity presented in the 2011 SWMP Update were accurate. No revisions or changes were proposed to the existing interconnections for the purpose of analyzing existing conditions, with the exception of updates based on recent improvements by the Village.

12. Pump Stations: To facilitate the ability of underground injection wells to function in low lying areas, the Village staff is in favor of evaluating the use of pumps to enable and expedite disposal of runoff through injection wells. The Village's preference for pump stations is for proposed systems to be submersible, duplex and capable of long term use in salt water conditions.

13. Backflow Prevention: The analyses will factor in the placement of conventional backflow prevention devices, specifically at the outfalls and at points of interconnection of the central storm water trunk system along Crandon Boulevard.

14. Green Infrastructure: The project will take into consideration implementation of "Green Infrastructure" where opportunities exist. The use of "Green Infrastructure" will provide better long term planning strategy which is environmentally conscious and results in lower capital and maintenance costs. A toolbox of "Green Infrastructure" components will be developed for this project and will integrate urban and engineering practices to provide overall better

preservation of the existing site hydrology by reducing the runoff volume and peak flows while increasing aquifer recharge, reducing pollution, reducing the impacts of Sea Level Rise and climate change and associated mitigation costs. The toolbox will include cost efficient components for increasing the storage and infiltration of storm water, reducing the paved surfaces and improving the conveyances.

15. Key Colony: Key Colony improvements will not be included in these analyses since the Condominium has hired an engineering firm to propose design improvements (including drainage wells redevelopment) to limit flows from Key Colony across the Sonesta Drive wall. The EAC team will coordinate with this engineering firm to ensure that this conditions are maintained.

3.2 Other Jurisdictional Criteria

Stormwater management systems must adhere to mandated water quality and quantity criteria set forth by various local, state, and federal agencies with jurisdiction within the State of Florida. Existing systems when rehabilitated or retrofitted have to comply with all regulatory requirements irrespective of the pre-existing conditions. The improvements that the Village will undertake will ensure that applicable regulatory requirements, codes, ordinances and criteria are complied with thoroughly.

Due to the location of the coastline location of the Village, jurisdiction for storm water management extends across Federal, State and Local agency criteria that must be strictly adhered to. Each design improvement depending on its complexity, extent and impact to inland and coastal / environmental resources will generate its own respective specific set of requirements.

The following agencies are expected to be involved with proposed design improvements:

a) Florida Department of Environmental Protection (FDEP)
b) Florida Department of Transportation (FDOT)
c) South Florida Water Management District (SFWMD)
d) Miami Dade Regulatory and Economic Resources (RER)
e) Florida Fish and Wildlife Conservation Commission (FFWCC)
f) United States Army Corps of Engineers (USACE)
g) United States Coast Guard (USCG)
h) Village of Key Biscayne Public Works Department
i) Village of Key Biscayne Building Department

The following regulatory requirements are applicable:

3.2.1 Water Quality Regulatory Requirements

Water Quality Regulatory Requirements govern the release of pollutants into water resources, including surface water and ground water. Within the Village of Key Biscayne, tFDEP, SFWMD)and RER have jurisdiction over stormwater quality criteria. The following subsections outline the current requirements mandated by these entities. All proposed stormwater infrastructure systems to be constructed in response to deficiencies and inadequacies within the Key shall be designed and permitted to comply fully with the most stringent of these requirements.

3.2.1.1 Florida Department of Environmental Protection (FDEP)

The Federal Clean Water Act (CWA) provides the statutory basis for state water quality standards programs. The regulatory requirements governing these water quality standards programs also known as "*Water Quality Standards Regulation*" are published in ***40 CFR 131***. States are responsible for reviewing, establishing, and revising water quality standards. Florida's surface water quality standards

system is published in ***62-302*** and ***62-302.530*** of the ***Florida Administrative Code (F.A.C.)***. The components of this system include: classifications, criteria, including site specific criteria, an anti-degradation policy, and special protection of certain waters (Outstanding Florida Waters).

FDEP is currently in the process of proposing several new water quality criteria. As of the date of this report, FDEP has initiated the current Triennial Review of State surface water quality standards and is considering revisions to several rule sections. The first series of public workshops was held in June, 2015. Additional public workshops will be conducted in the future.

3.2.1.2 South Florida Water Management District (SFWMD)

SFWMD requires that all projects meet State surface water quality standards as set forth in Chapters 62-4 and 62-302, F.A.C., including the anti-degradation provisions of paragraphs 62-4.242(1)(a) and (b), 62-4.242(2) and (3), F.A.C., and Rule 62-302.300, F.A.C., and the special standards for Outstanding Florida Waters and Outstanding National Resource Waters set forth in subsections 62-4.242(2) and (3), F.A.C and the groundwater standards in Chapters 62-520 and 62-550 F.A.C. The volume of runoff to be treated from a site shall be determined by the type of treatment system.

Effective October 1, 2013, the Environmental Resource Permitting (ERP) rules have changed. The ERP program is now implemented through a statewide rule, Chapter 62-330, F.A.C., and changes to the 40E chapters of F.A.C. To assure that these criteria are met, the proposed improvements must meet the described in the SFWMD Permit Manual (2014) Applicants Handbooks 1 and 2.

a) Volumetric Requirements

Retention, detention, or both retention and detention in the overall system, including swales, lakes, canals, greenways, etc., shall be provided for one of the three following criteria or equivalent combinations thereof:

1) For wet detention systems, the first one inch of runoff from the project or the total runoff from 2.5 inches times the percent impervious, whichever is greater, must be detained on site.
2) Dry detention systems must only provide 75 percent of the required wet detention volume. Dry detention systems maintain the control elevation at or above one (1) foot above the seasonal high ground water elevation.
3) Retention volume shall be provided equal to 50 percent of the above amounts computed for wet detention. Retention volume included in flood protection calculations requires a guarantee of long term operation and maintenance of system bleed-down ability.

Systems with inlets in grassed areas will be credited with up to 0.2 inches of the required wet detention amount for the contributing areas. Full credit will be based on a ratio of 10:1 impervious area (paved or building area) to pervious area (i.e. the grassed area) with proportionately less credit granted for greater ratios.

b) Land Use and Coverage Criteria

Commercial or industrial zoned projects shall provide at least one-half inch of dry detention or retention pretreatment as part of the required retention / detention, unless reasonable assurances can be offered that hazardous materials will not enter the project's surface water management system. Such assurances include deed restrictions on property planned for re-sale, type of occupancy, recorded lease agreements, local government restrictive codes, ordinances, licenses, and separate containment systems designed to prevent discharge.

Projects having greater than 40% impervious area and which discharge directly to the following receiving waters shall provide at least one half inch of dry detention or retention pretreatment as part of the required retention / detention:

1) Lake Okeechobee and the Kissimmee River.
2) Water bodies designated as Class I or Class II waters by FDEP.
3) Canals back-pumped to Lake Okeechobee or to the Conservation areas, or proposed for back-pumping.
4) Other areas, such as the Savannas in St. Lucie and Martin Counties; the Six Mile Cypress Strand; the Big Cypress area of Collier County; and lands acquired by the District pursuant to Section 373.59, F.S. Water Management Lands Trust Fund (Save Our Rivers); and mitigation bank lands;
5) Outstanding Florida Waters as defined in Chapter 62-302, F.A.C.; and Aquatic Preserves as created and provided for in Chapter 258, F.S.; and
6) Water bodies within a District permitted public water supply well field cone-of-depression which are not separated from the aquifer by strata at least ten feet thick and having an average saturated hydraulic conductivity of less than 0.1 foot per day; where the cone- of-depression is defined by one the District's applicable conditions.

c) Flexibility for State Transportation Projects and Facilities

In cases of widening existing urban public highway projects, SFWMD shall reduce the water quality requirements, if the applicant provides documentation which demonstrates that all reasonable design alternatives have been considered, and which provides evidence that the alternatives are all cost-prohibitive. Based on the SFWMD Permit Manual, State linear transportation projects and facilities (collectively referred to) often have unique design limitations.

In recognition of this, SFWMD is mandated by state statutes to consider and balance the expenditure of public funds for storm water treatment with the benefits to the public in providing the most cost-efficient and effective method of achieving the treatment objectives of storm water management systems when reviewing such projects.

To accomplish this, alternatives to on-site treatment for water quality will be considered including regional storm water treatment systems, off-site compensating treatment, and incorporation of off-site runoff into the treatment system for the project.

3.2.1.3 Miami Dade Regulatory and Economic Resources (RER)

Miami-Dade County RER and
Miami-Dade County Department of Transportation and Public Works (DTPW) are consistent with the State Water quality standards and requires that storm water management systems demonstrate full compliance with SFWMD's mandated regulations. RER requires that projects be designed so water quality standards, as set forth in Chapter 17-302, Florida Administrative Code are maintained.

To comply with this standard, one hundred percent (100%) of the water quality volume must be retained on site. The volume is taken from the first one-inch of runoff from the project total area. The approach for estimating this requirement is detailed in the County's Policy for the Design of Drainage Structures, December 1980.

3.2.2 Water Quantity Standards

The following subsections outline the most stringent stormwater quantity requirements applicable to proposed stormwater infrastructure design and construction within the Village. Depending on specific circumstances, the requirements of the FDEP, FDOT, SFWMD and Miami-Dade RER may govern.

3.2.2.1 Florida Department of Environmental Protection (FDEP)

According to the FDEP publication on the "*Evaluation of Current Stormwater Design Criteria within the State of Florida*", the goals for stormwater management within the State of Florida are outlined in Chapter 62-40 of the Florida Administrative Code (FAC), titled "Water Resource Implementation Rule". This rule provides general guidelines related to surface water management, flood protection, and minimum flows and levels. Criteria for stormwater management systems permitted within the State of Florida are outlined in Chapter 62-25, titled "Regulations of Stormwater Discharge".

Minimum design and performance standards for stormwater management systems are listed in Chapter 62-25.025, titled "Design and Performance Standards".

STORMWATER SYSTEM TYPE	DESIGN PARAMETER	CRITERIA
Retention	Treatment Volume	Runoff from the first 1" of rainfall; or as an option, for projects < 100 ac, 0.5" of runoff
	Volume Recovery	< 72 hours following storm using percolation, evaporation, or evapotranspiration
Swales	Treatment Volume	Percolate 80% of the runoff from a 3-year/1-hour storm within 72 hours following storm
	Volume Recovery	< 72 hours following storm using percolation, evaporation, or evapotranspiration
Dry Detention	Treatment Volume	Runoff from the first 1" of rainfall; or as an option, for projects < 100 ac, 0.5" of runoff
	Volume Recovery	< 72 hours following storm
Filter Systems (if applicable)	Filter Design	Permeability ≥ surrounding soil
		Media washed with <1% silt, clay, and organic matter
		Media uniformity coefficient > 1.5
		Effective grain size from 0.20-0.55 mm
		Designed with Safety Factor of 2
Wet Detention	Treatment Volume	1.00-inch of runoff
	Volume Recovery	< 50% in 60 hours following storm
	Detention Time	Minimum 14 days
	Littoral Zone	Minimum 30% of pond area
	Pond Depth	Maximum 8-10 feet below control elevation
	Fencing	Required for wet ponds unless side slopes are less than 4:1

a) Underground Injection Control (UIC)

The FDEP regulates underground discharge via pressurized or gravity drainage wells through its Underground Injection Control (UIC) program. Drainage wells can only discharge into or above an aquifer that contains a total dissolved solids concentration of less than 10,000 milligrams per liter.

For the purposes of the Village of Key Biscayne's analyses and evaluation the following will be maintained:

i. All existing wells are assumed to comply with this criteria. Drainage Well evaluation efforts will be required for each priority basin for design purposes and appropriate adjustments made during this H&H analyses effort.
ii. Existing wells are assumed to function at only 75% of the estimated capacities to reflect long term usage.
iii. Within the H&H model, drainage well capacities shall be updated based on all recent well redefinition efforts undertaken by the Village's Public Works Department.
iv. In the absence of field measured well capacities, all drainage wells capacities shall default to a determined well capacity estimated by local hydrogeologists familiar with the Village of Key Biscayne and other County barrier municipalities.

3.2.2.2 Florida Department of Transportation (FDOT)

FDOT requires that proposed drainage systems meet the offsite discharge requirements outlined in F.A.C. Chapter 14-86. The following items are applicable regarding the FDOT criteria for the transfer of stormwater to the FDOT right-of-way as a result of manmade changes to adjacent properties:

1. The offsite discharge criteria is based on a critical storm frequency analysis including storm events with 2- to 100-year frequencies and 1-hour to 10-day durations for closed sub-basins and 3-day durations for sub-basins with positive outlets.
2. Any discharging pipe establishing or constituting a drainage connection to the FDOT's right-of-way is limited in size based on the pre-improvement discharge rate, downstream conveyance limitations, downstream tailwater influences, and design capacity restrictions imposed by applicable other governmental entities.
3. The peak discharge rates and total volumes allowed by applicable local regulations are not exceeded.
4. The improvements shall not increase stormwater discharge rates above the predevelopment conditions.

In addition to these criteria, FDOT District 6 has set forth specific criteria with regards to design storm events that must be adhered to.

3.2.2.3 South Florida Water Management District (SFWMD)

SFWMD's requirements and procedures for evaluating compliance with water quantity and other regulatory standards are outlined in the SFWMD Environmental Resource Permit (ERP) Applicant's Handbook Volumes I & II. The criteria contained in the ERP Applicant's Handbook were established with the primary goal of meeting water resource objectives as set forth in Part IV of Chapter 373, the Florida Statutes.

SFWMD is amenable to other methods of meeting overall objectives of the District and which meet the conditions for issuance set forth in Rules 62-330.301 and 62-330.302, F.A.C., when necessary.

The regulatory requirements pertaining to storm water quantity are outlined as follows:

a) Discharge Rates
SFWMD requires that off-site discharge rate be limited to rates not causing adverse impacts to existing off-site properties, and:

i. Historic discharge rates
ii. Rates determined in previous SFWMD permit action, or
iii. Basin allowable discharge rates.

b) Design Storm
Unless otherwise specified by previous SFWMD permits or criteria, SFWMD requires that a storm event of 3-day duration and 25-year return frequency be used in computing off-site discharge rates. In general, the flows during a 25-year, 72-hour rainfall event are not increased during the post development condition. However, SFWMD also specifies that local drainage districts or local governments may require more stringent design storm criteria.

c) Flood Protection for Roads
In the absence of a local governing code or regulatory criteria, SFWMD specifies the following design criteria for drainage and flood protection:

i. Frequency - 5 years
ii. Duration - 1 day (road centerlines)

d) Flood Protection for Buildings
Building floors shall be at or above the 100-year flood elevations, as determined from the most appropriate information, including Federal Flood Insurance Rate Maps. Both tidal flooding and the 100-year, 3-day storm event shall be considered in determining elevations.

e) Flood Plain Encroachment
No net encroachment into the floodplain, between the average wet season water table and that encompassed by the 100-year event, which will adversely affect the existing rights of others, will be allowed.

f) Historic Basin Storage
Provision must be made to replace or otherwise mitigate the loss of historic basin storage provided by the project site.

3.2.2.4 Miami-Dade County Regulatory and Economic Resources (RER)

Based on Table 1 of the County's Public Works Manual - Water Control Section D4, Miami-Dade County RER requires that stages for two-lane local roadways be kept to crown of the road for a 5-year storm event. Miami-Dade County RER criteria also require that Exfiltration Trench Systems (or French drains) be designed so that the volume of storage and exfiltration during 1 hour is equal to the design runoff volume. Applicable sections of the Miami-Dade County Code, also govern storm water quantity regulations and standards.

For roadway improvements, the County requires that French drains provide full onsite attenuation of the 5-year event with a safety factor of two at a minimum, the first inch of runoff be retained for varying storm events, with no overflow from the system's mass balance relationship.

For projects that discharge to Miami-Dade County canals, the specific allowable discharge criteria for that canal must be met. Designers must coordinate with Miami-Dade County RER to obtain the applicable discharge criteria of the specific receiving Miami-Dade County canal or water body.

3.3 Outstanding Florida Waters (OFW)

An Outstanding Florida Water, (OFW), is a water designated as such due to its natural attributes and importance. This special designation is applied to those water bodies to protect existing good water quality. Most OFWs are areas managed by the state or federal government.

Systems discharging to a waterbody that has been identified as impaired by FDEP pursuant to 403.067, F.S., or to an Outstanding Florida Water, shall be designed in accordance with the procedures established by the SFWMD. Specifically, systems which have a direct discharge to an OFW, must provide an additional fifty percent of the required treatment.

Waters of Biscayne Bay Aquatic Preserve and Biscayne National Park are classified as Outstanding Florida Waters (OFWs), and as such are subject to the above mentioned criteria.

4.0 EXISTING CONDITIONS H&H MODELING & ANALYSES

This section of our technical report provides a description of the methodology that the EAC team utilized in evaluating existing conditions within the Key. Following the completion of the data gathering the EAC team proceeded with the analyses and evaluation of exisitng conditions utilizing the InfoSWMM software. According to Innovyze©, developers of the software, InfoSWMM is ArcGIS integrated, highly advanced, and comprehensive hydrologic, hydraulic and simulation model for the effective management of urban stormwater and wastewater collection systems. The program is built on ESRI's ArcGIS platform using the latest Microsoft.NET and ESRI ArcObjects component technologies. InfoSWMM seamlessly integrates advanced stormsewer collection systems modeling and optimization functionality with the latest generation of ArcGIS.

Hydrologic and hydraulic modeling was performed to evaluate existing conditions and also to determine the extent of deficiencies in comparison to the established LOS. InfoSWMM offers the capability to simulate various rainfall events under varying hydrologic and hydraulic conditions. VKB's most recent SWMP Update was undertaken using this software making it the most cost effective and reasonable approach to performing the services required under this task.

4.1 Development of H&H "Baseline" Conditions Model

The existing Village wide's H&H model from the 2011 SWMP Update was developed using InfoSWMM 9.0. This model utilizes a dynamic water solution to simulate runoff and flow routing through the system during a rainfall event. It is also capable of simulating ground infiltration, runoff, hydraulic grade lines, pipe storage, weirs, pump stations, tidal fluctuations, and drainage wells. Additionally, the model runs within Arc-GIS environment allowing for a graphical representation of the model. The georgaphic area considered as part of the SWMP Update encompasses the entire area within the Village municipal boundary, although the study area, for purposes of master plan recommendations, did not provide full coverage of the entire Village.

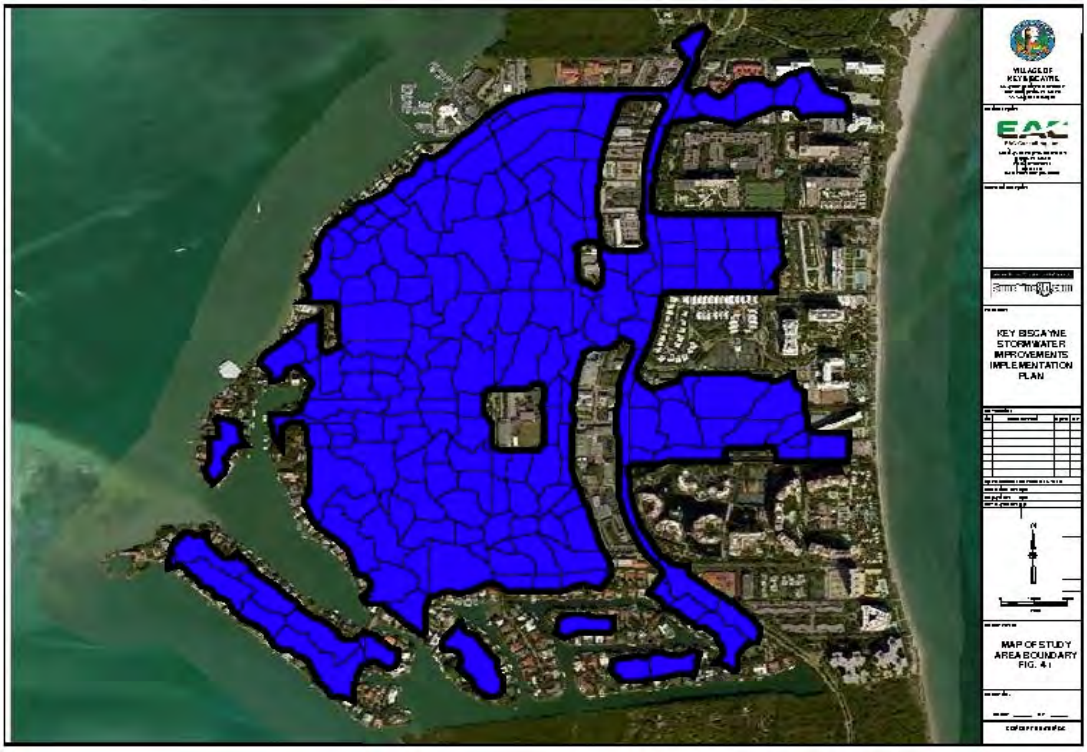


Figure 4-1 Map of Study Area Boundary

As documented in the SWMP Update, the model is composed of the following:

- 14 Drainage Basins with the areas listed below:

Basin Description	Acreage (acres)	Basin Description	Acreage (acres)
Basin No. 1	12.50	Basin No. 7A	42.96
Basin No. 2	11.65	Basin No. 7B	24.13
Basin No. 3	74.27	Basin No. 8	49.88
Basin No. 4	4.31	Basin No. 9	88.59
Basin No. 5	33.27	Basin No. 9A	12.80
Basin No. 6A	41.00	Basin No. 10	22.60
Basin No. 6B	23.00	Basin No. 11	35.30

- 184 Sub-catchments which, represent the total area that drains into VKB's stormwater management system.
- 441 Conduits representing the main trunk line of VKB's stormwater management system.
- 438 Junctions representing the structures joining the main trunk line of the Village's stormwater management system.
- 2 Stormwater disposal pump stations within the VKB.
- 13 weirs representing the weirs within the stormwater management system.
- 17 Outfalls representing the outfall to Biscayne Bay
- 31 Outlets representing the flow into gravity drainage wells.

The SWMP was completed utilizing an older version of InfoSWMM and thus required update to the newer version. The newer version provides additional features that are beneficial to the H&H analyses process. The modeling update went through a four-step update and refinement process with the intent of providing additional enhancements to the model using the most readily available and recent infrastructure data.

The four-step process is outlined as follows:

1. Innovyze InfoSWMM Model version update from version 9.0 (based on EPA-SWMM 5.0.018) to version13.0 (based on EPA-SWMM 5.1.007).
2. Incorporate field verified infrastructure data to existing model connectivity.
3. Provide additional sub-basin interconnectivity based on recent topographic maps.
4. Modify model input parameters to improve model stability and accuracy.

The completion of steps 1 through 4 resulted in a new 2015 Baseline Existing Conditions model that was the basis for the analysis and the proposed improvements.

4.1.1 Updating the 2011 H&H Model

There have been numerous updates, changes and fixes between InfoSWMM 9.0 and InfoSWMM 13. A complete listing of changes is summarized on the software developer's website at www.innovyze.com. As with most conversion processes for software update, there were some initial instabilities and excess continuity errors observed once the software update was utilized in evaluating VKB's watershed conditions. These instabilities were primarily due to the revisions in the operating parameters between the different versions. The EAC team's approach to resolving these instabilities was modifying the following simulation parameters in the Model Scenario Manager:

- Time Step for Conduit Lengthening (sec) = 7
- Safety Factor (%) = 65

- Inertial Terms = Ignore

These modifications were implemented in consultation with service representatives from Innovyze©. The objective of reducing continuity errors and improving model stability was to ensure performance level of consistency (or improvements) between the 2011 SWMP Update H&H model and the 2015 Baseline H&H model by comparing the continuity error from different precipitation events.

Through this procedure the following comparisons were achieved:

Storm event	Continuity Error		
	2011 SWMP Update Model	2015 Initial Model Conversion	2015 Established Baseline Model
5-yr – 24 hour	-2.000%	*-17.024%*	**-0.945%**
10-yr - 24 hour	-2.053%	*-10.502%*	**0.585%**
25-yr - 72 hour	-3.631%	*-9.829%*	**-0.680%**
100-yr – 72 hour	-4.018%	*-5.382%*	**-0.214%**

Further refinements in the model input parameters did not yield any marked improvements in the continuity error documented in the model results.

4.2 Development of H&H "Control" Conditions Model

The effort to implement the 2011 SWMP Update requires that present (year 2015) existing conditions be analyzed and evaluated for improvements where LOS deficiencies are prevalent. It is, therefore, important to enhance the conditions in the 2015 Baseline H&H model to reflect the stormwater infrastructure and management conditions presently existent within the Key. Since the 2011 SWMP Update was completed, there has been several initiatives that have been embarked on and completed by the Village.

These initiatives have added new components and conditions to the stormwater management system and performance within VKB. The result of incorporating critical initiatives and new LOS expectations is a refined H&H Control Conditions model that serves as the realistic basis for future infrastructure needs and or improvements.

4.2.1 Stormwater Sewer Drainage System Field Verification Efforts

Currently, the Village is in the process of field verifying the existing systems located throughout the Village with the intent of inspecting the condition of the existing systems, identifying connectivity, detailing physical dimensions, and locating critical failures in the systems. VKB has contracted ***A&A Drainage, Inc*** (A&A), a maintenance contractor specializing in the maintenance and physical inspecting of stormwater infrastructure systems. A&A surveys the Village's stormwater management systems and provides findings into an ArcGIS Online-based maintenance feature class maintained by the Village.

The field verification process was in the initial stages of being performed during the development of this study; as a result, only a limited portion of the system was field verified (see Figure 4-2).

This included portions of:

- Harbor Drive
- Crandon Boulevard
- Hampton Lane
- Cypress Drive
- West Heather Drive
- Fernwood Road
- West Palmwood Lane
- West Enid Drive



Figure 4-2 : Field Verification of Storm Sewer System

4.2.2 Stormwater Sewer Drainage Metal Pipe Relining Program

As a result of field verification and pipe condition inspection efforts, several segments of metal pipes have been found to be in poor conditions. Some of the pipes (including the outfalls pipes) show significant distress, cracking and complete collapse. As a proactive measure, the Village is implementing a metal pipe relining program. VKB has contracted ***Layne Inliner, LLC*** to undertake the installation of Cured-In-Place-Pipe (CIPP) lining.

The Inliner® cured-in-place pipe is a proven, cost effective solution to problems normally associated with leaking or deteriorated pipelines, and its trenchless installation minimizes or eliminates the inconveniences caused by excavating roadways to perform replacement or rehabilitation. The Inliner® resin impregnated tube is designed as a fully structural pipe or to serve as an interior infiltration barrier.

The Inliner® cured-in-place pipe is installed using one of two methods: direct inversion (ASTM F1216) or pulled in place (ASTM F1743). Curing begins after the liner is in place. This process can be achieved utilizing hot water, steam, or ultraviolet light system by surface, roadway and private property excavations.

To adjust for the incorporation of the CIPP lining, all known and verified metal pipes within the watershed were adjusted in the model for a slight loss in opening diameter. It is acknowledged that the relining program is ongoing, however, the reduction in pipe area by approximately 2-inches provided a greater confidence level for modelling purposes.

4.2.3 Drainage Well Redevelopment and Maintenance Program

The Village through its Public Works division performs yearly maintenance activities for its drainage wells. The objective of this program is to proactively maintain VKB's gravity wells in optimal conditions given the available funding. Currently, VKB maintains and operates 32 gravity wells located throughout the Key; however, only 29 of these wells are tied to the overall VKB Stormwater Management System. The wells under this program are only those under the jurisdiction of the VKB. Other privately owned and installed wells are not covered under this program. The well maintenance program consists of cleaning, and in some cases, redeveloping a specified number of wells on a yearly basis. The tabulation below provides a listing of the wells located within the Village and their verified capacities. The wells highlighted have recently been redeveloped.

Well I.D	Year Constructed	Original Total Depth (feet)	Current Total Depth (feet)	Pre-Development Capacity (gpm/ft)	Post-Development Capacity (gpm/ft)
1(w)	1995	115.50	109.00	100	1150
2(e)	1995	100.00	89.00	95	1100
3(w)	1995	88.00	66.00	1150	1500+
4(e)	1995	89.00	76.00		
S-29(e)	1995	86.00	82.00		
S13(w)	1995	118.00	117.00	1100	1500+
3-A	1997	53.00	54.00	350	640
3-B	1997	54.00	53.00	240	330
3-C	1997	80.00	74.00	250	1200
3-D	1997	80.00	72.00	130	500
4-11	1997	57.00	51.00		
5-15	1997	60.00	55.00		
6-A	1997	80.00	77.00		
6-B	1997	80.00	73.00	160	1200
6-C	1997	80.00	71.00	250	1200
6-D	1997	80.00	75.00		
7-A	1997	100.00	92.00	200	760
7-B	1997	120.00	121.00	300	900
7-C	1997	100.00	89.00	300	1500
7-D	1997	80.00	76.00		
8-A	1997	81.00	82.00		
8-B	1997	80.00	73.00		
8-C	1997	80.00	73.00		
1--28	1997	80.00	74.00		
2--24	1997	60.00	54.00		
S-20	1998	90.00	85.00	175	1500
1(w)	1999	96.00	98.00	310	1500
2(c)	1999	95.00	98.00	570	1500
3(e)	1999	69.00	66.00		

The verified well capacities were incorporated into the InfoSWMM model. In addition, the well capacities currently coded in the model that were in excess of 1500 gpm per foot of head were reduced to a minimum of 1500 gpm per foot of head to reflect a more realistic representation of the conditions of the wells in the absence of redevelopment or prolonged usage.

It is recommended that during the design phase, test wells be performed meeting FDEP's Reasonable Assurance procedures to establish verifiable basis for proposed infrastructure improvements.

4.2.4 Emergency Stormwater Management Capital Projects

Since the 2011 SWMP Update, the Village of Key Biscayne has completed several emergency stormwater management capital improvements projects. As part of the data collection phase, VKB staff provided project as-built information for projects completed as of June 2015. The capital improvement projects completed are:

- 260 Harbor Dr. Outfall O-16 – Outfall Reconstruction: Completed in September 2013, this project included the complete removal and replacement of the existing collapsed outfall.
- 398 Harbor Dr. Outfall O-15R – Outfall Reconstruction: Completed Construction June 2015, this project included the complete repairs to the outfall structure and replacement of the outfall piping as well as the installation of a "Duckbill" back flow system.
- K-8 Area Drainage Improvements – Completed in June 2015, this project included the installation of two gravity drainage wells, improvements to stormwater conveyance system and the installation of a "Duckbill" back flow system between the K-8 School and Crandon Boulevard.

4.2.5 Model Improvements & Refinements

In addition to the items noted previously, other items were incorporated and coded within the model to provide a more accurate representation of the existing conditions.

4.2.5.1 Tidal Curve at Outfalls

VKB currently has several outfalls that discharge into the Bay. In order to simulate the tail water conditions, a consideration for the impacts of high tide, which the Bay experiences frequently, must be provided in the analyses. To accomplish this, the EAC team introduced a Tidal Curve Time Series feature within the model to represent the condition of how each of these outfalls behave when there is a high tide.

The selected Tidal Curve used for this model update were obtained from Astronomical Tide values. This is the method typically chosen by the Florida Department of Transportation (FDOT) for simulating tides. The Tidal Curve Time Series was also extended over the rainfall period and shifted so that the high tide would coincide with the peak storm intensity.

4.2.5.2 Subcatchment Interconnectivity

An additional component of the model update and refinement task, involved the inter-basin connectivity within the model. The original 2011 Existing Conditions Model did not contain overland weirs for areas where potential overland connections existed within the Key. These areas included mostly low-lying areas such as those along the roadways where the conveyance of stormwater runoff would not be impeded between adjacent sub-basins that do not have interconnecting stormwater management systems.

Figure 4-3 below shows the locations of the new overland weirs introduced into the Control Model representing the interface of runoff between sub-basins throughout the Village. The overland weirs allow

the model to convey stormwater runoff between adjacent sub-basins instead of limiting the connectivity to only those areas where stormwater infrastructure exists.



Figure 4-3 : Overland Weirs within H&H Control Model

4.2.5.3 Subcatchment Storage Capacity

The original model defined 500 sq-ft of storage above the rim elevation of all the junction nodes representing each sub-catchments irrespective of size. This was found to cause instabilities within the current model and was adjusted to reflect representative conditions based on the size of each catchment. The following procedure was developed to derive new storage values for the catchments:

1. The total lot size for each individual private parcel and the building foot-print area for multi-family condominiums was subtracted from the total sub-catchment area. This was done to ensure that no storage was made available within an area occupied by a private parcels and or building/structures.

2. The remainder area with each subcatchment is thus made up of the planometric area representing roads, sidewalks and grass swales within right-of-way. The effective storage area was then determined as fifty percent of the remaining area.

4.3 Assumptions & Considerations for H&H "Control" Model Conditions

The development of the Control Model required that several assumptions and important considerations inreference to the provided SWMP model and prevailing LOS conditions be established and accepted by EAC in coordination with VKB.

Below is a list of the key assumptions established.

1. While, the 2011 Existing Conditions model sufficiently detailed representation of the Village's stormwater drainage infrastructure for 2011, adjustments to coding of several hydraulic links were

needed to provide a representative condition of some of the existing conveyance infrastructure within the Key.

2. In the absence of field topography survey, the LiDAR delineated sub-catchment areas and properties (Curve Number, Percent Impervious). This is an acceptable approximation of the hydrologic coverage for analyses and modeling purposes.
3. Inspite of variations in pipe material and in the absence of complete as-built records for the Key, all pipe materials will be modelled with a Manning's Coefficient (n) of 0.0120.
4. In the absence of field topography survey and complete as-built records, the sizing of pipe openings within the 2011 Existing Conditions model is assumed to be accurate. Upon receipt of updated information through VKB's ongoing pipe condition assessment program or new topography survey records, these pipe sizes will be revised to reflect the field conditions. As infrastructure improvements are implemented in the system, pipe sizes will also be updated in the model. This will keep the model current at any stage during the capital improvements program.
5. In lieu of specific located field measurements, NOAA's Astronomical Tide Data for site(s) in close proximity to the Village were used to developed the tide time series for the modeling procedure.
6. The H&H model was coded to maximize the available head for gravity wells at one (1) foot. This limiting condition was established due to the low topography within the Key and the reoccuring elevated ground water levels.
7. The Third National Climate Assessment (2014) reported that climate change, once considered an issue of a distant realization has moved firmly into the present. One of the critical aspects for coastal communities such as the Village of Key Biscayne is Sea Level Rise (SLR). Satellite data in the last two decades confirms gradual rise of sea level. Sea level projections were based on computations developed by National Climate Assessment. For the next 15 years, sea level rise projections are estimated at 6-inches.

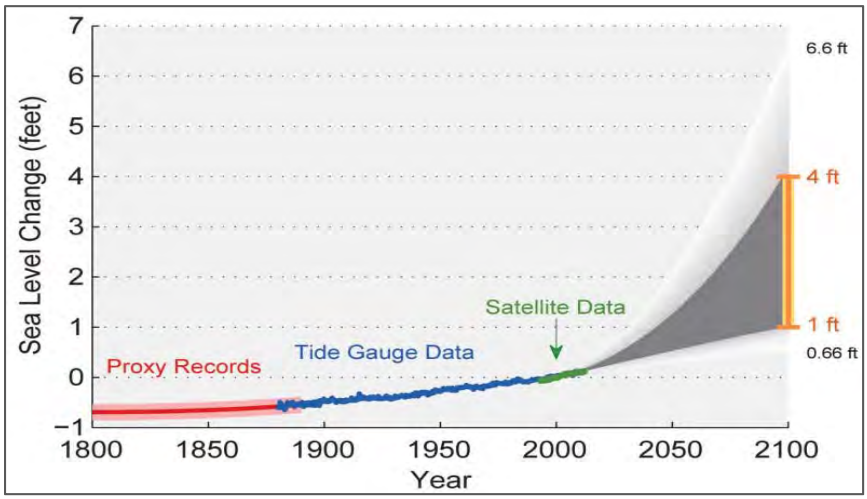


Figure 4-4 : Past and Projected Changes in Global Sea Level

For inland hydrology and gravity drainage systems, the effects of SLR manisfests as the elevated sea levels, reduced gradient of water profiles and causes delays and/or inhibited drainage and storm water conveyance and disposal. Furthermore, during high tides, if the discharge elevation is greater than the inland drainage elevation, the flow direction in stormwater pipes may be reversed; instead of stormwater discharging into the bay, it may backflow from the bay to the inland, thus, exacerbating the ponding.

4.4 2015 H&H Control Model Results

Once the model refinements and updates were completed, the EAC team proceeded to simulate the performance of the Village's infrastructure for the following events:

1. 5 year -72 hour rainfal event
2. 10 year-72 hour rainfal event
3. 25 year- 72 hour rainfal event
4. 100 year-72 hour rainfal event.

The results from the analyses effort were first compared to established LOS criteria and then followed an assessment of deficient or problem areas throughout the Village.

The resulting stages from each rainfall event were correlated with:

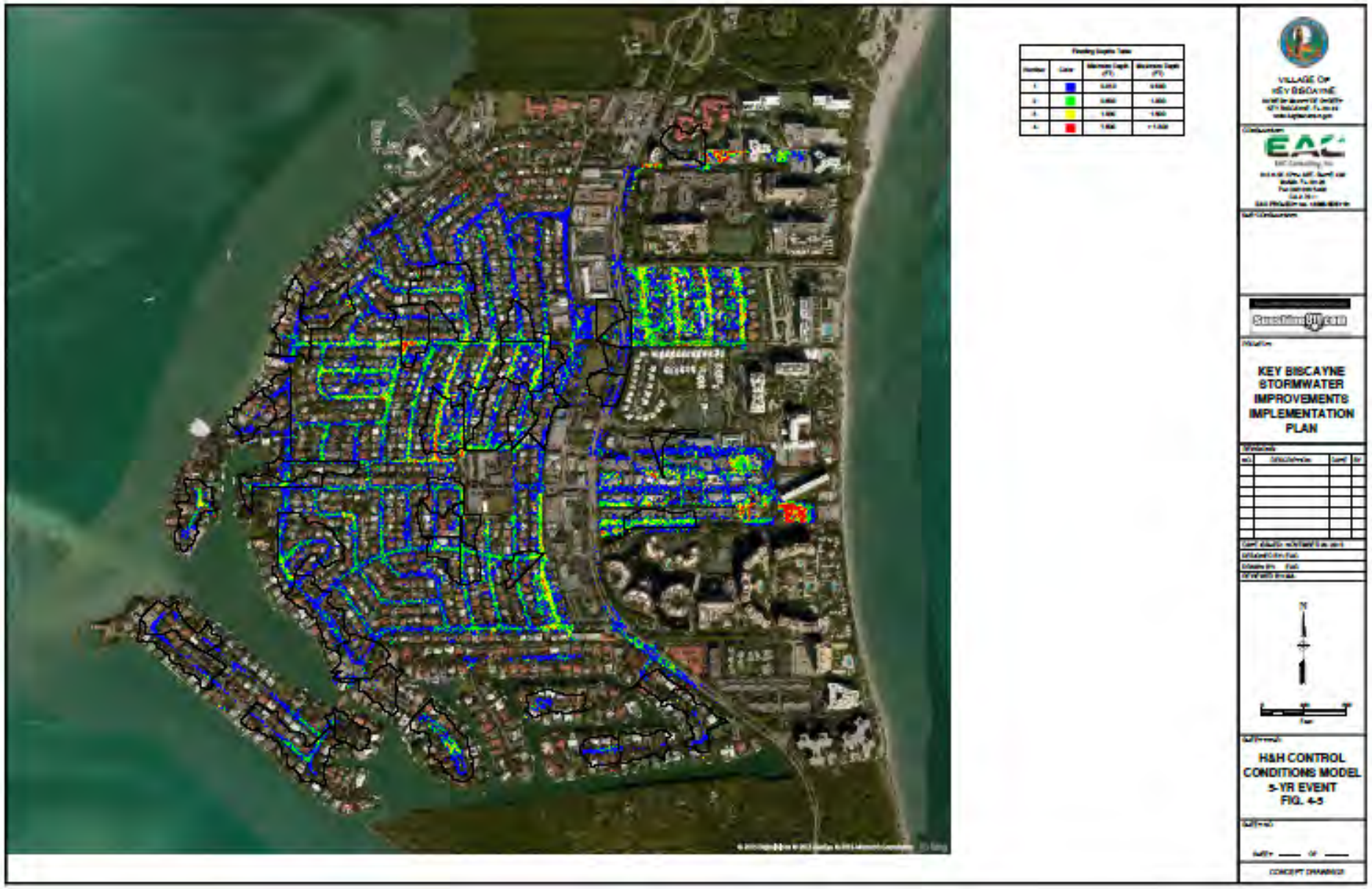
1. The Village staff's historically observed conditions as illiustrated in the Village's maintenance flood maps.
2. The Village's repetitive loss areas maps which show the properties that have filed claims for flood insurance.

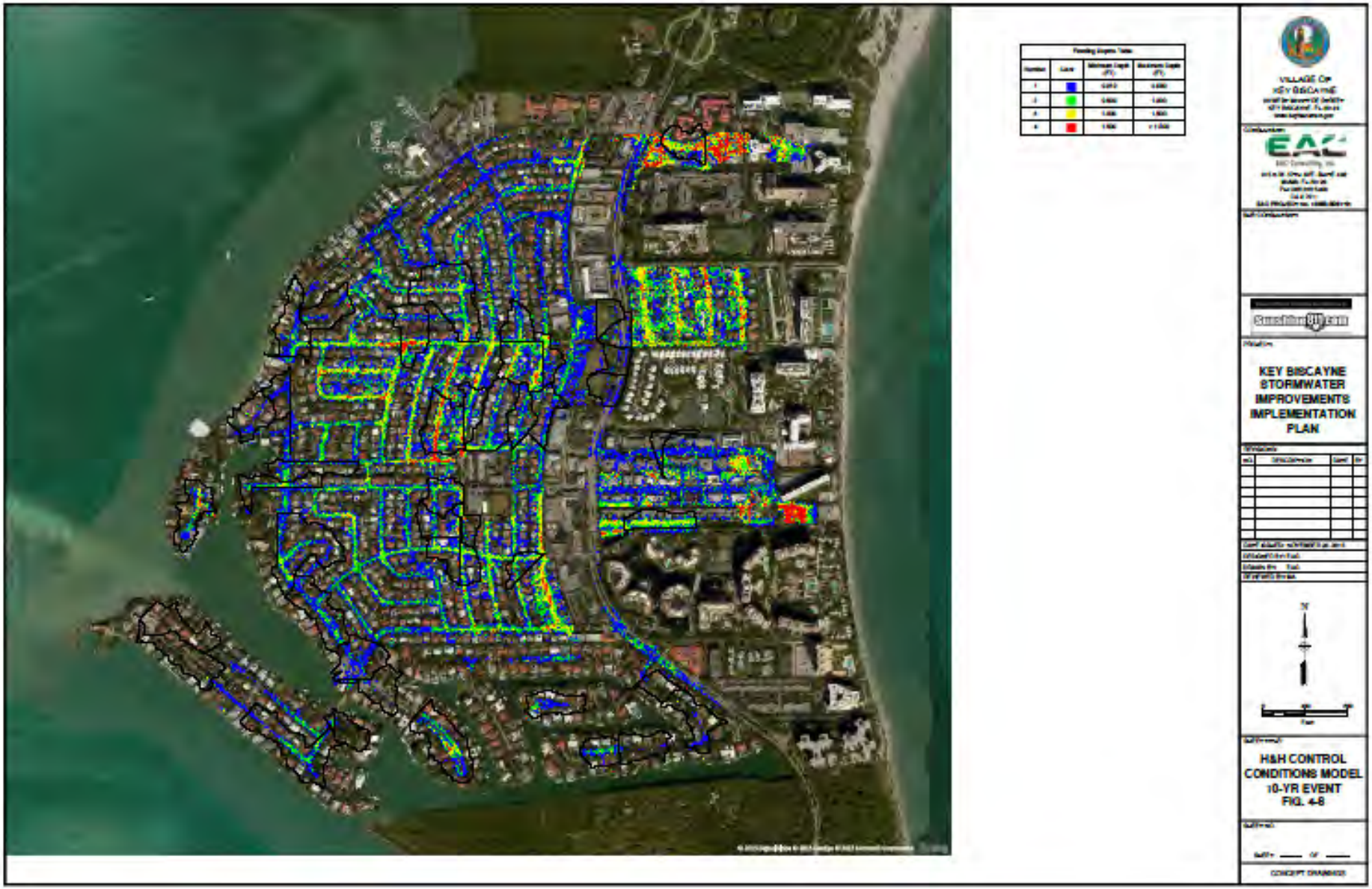
The results were also converted into a graphic aerial map by spatial geo-processing the output from the InfoSWMM model & ARC GIS into AutoCAD Civil 3D format. The ponding levels or depths were then digitized to depict in different colors various depths of ponding. The depth of ponding was determined by the difference between topographical ground elevations within the Key and the ponding elevations that resulted from the modeling/simulation efforts.

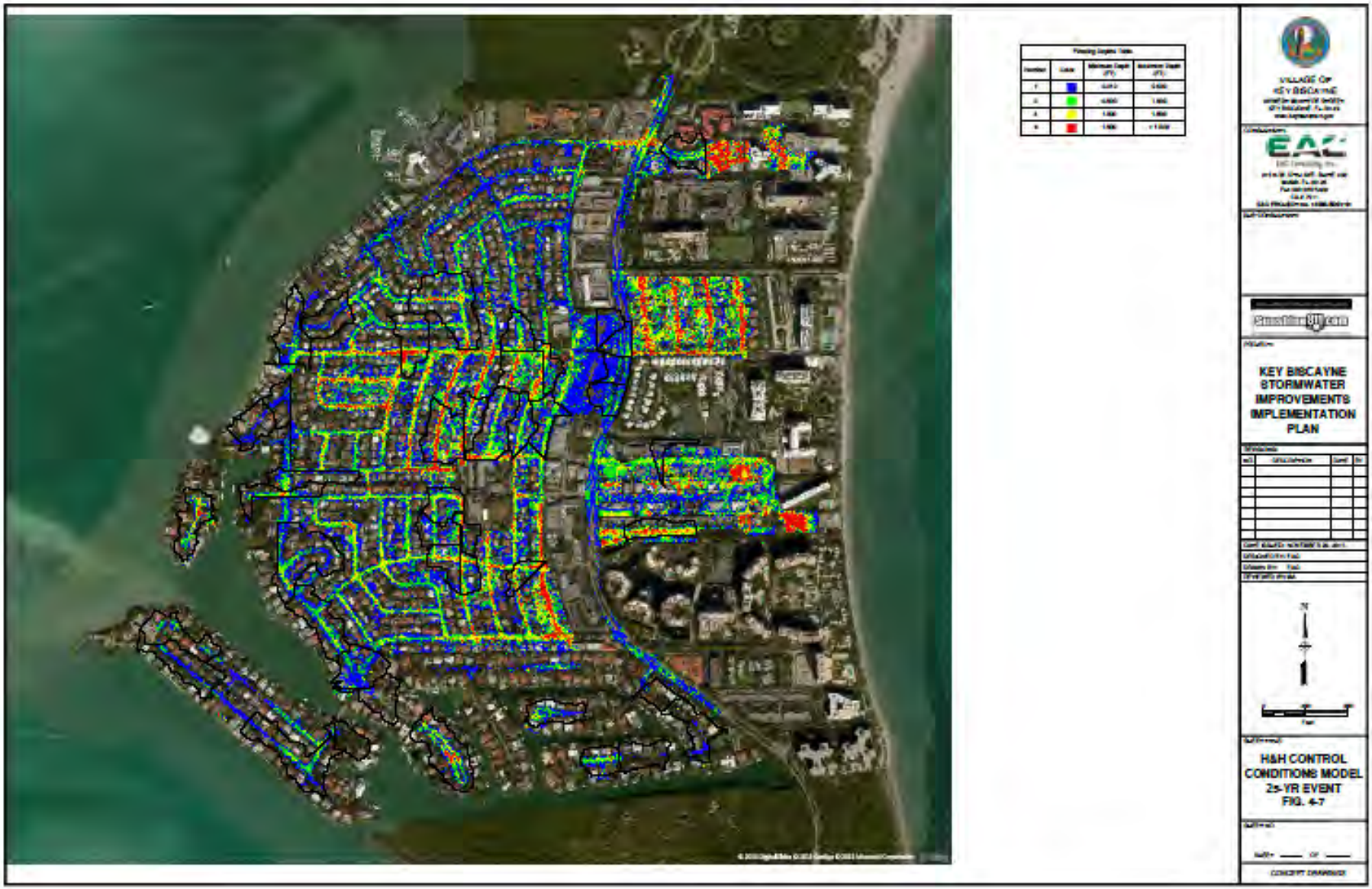
The ponding depths were stratified in 6-inches increments according the tabulation below:

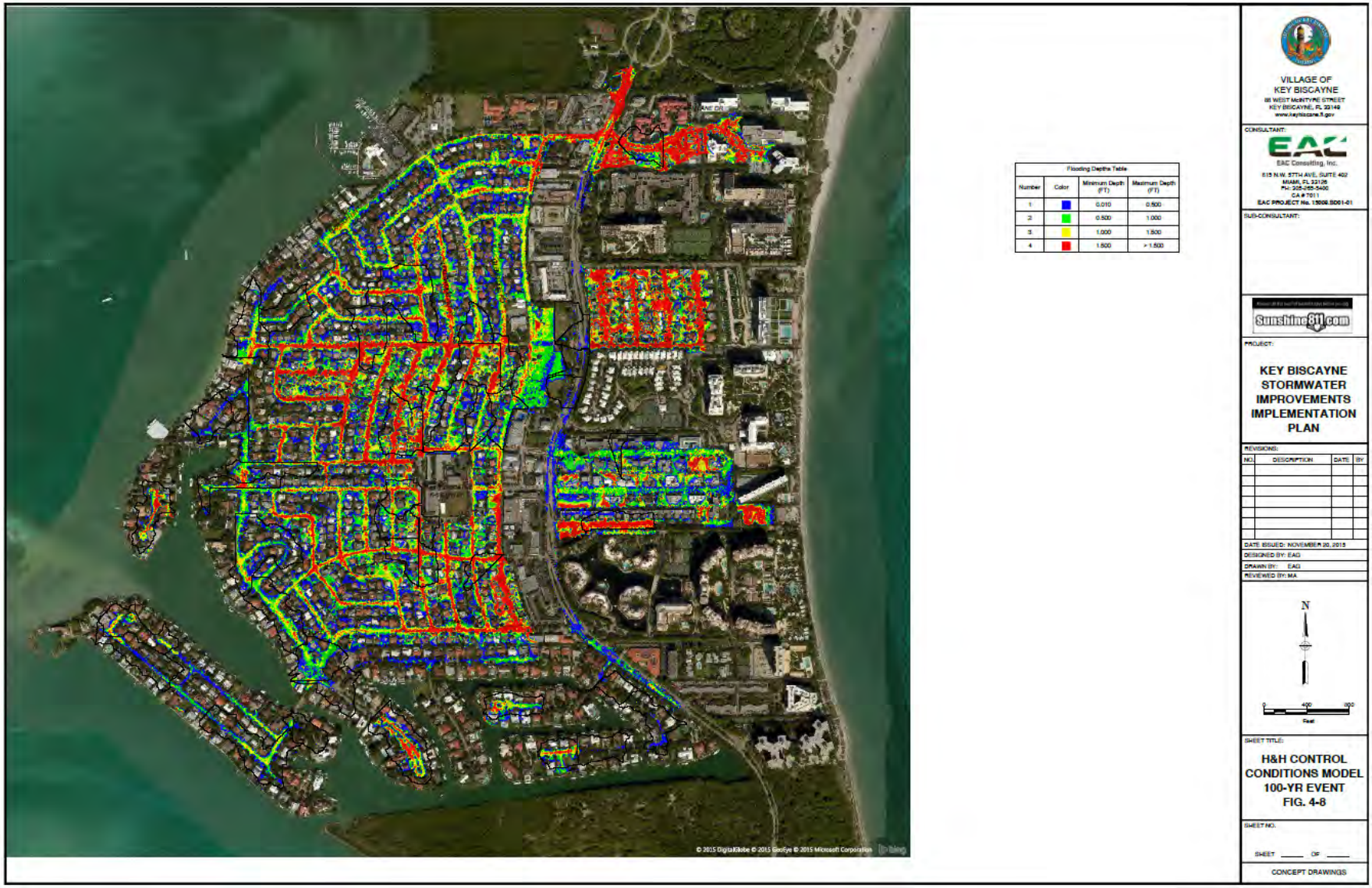
Ponding Level	Depth of Ponding	Color Code
1	0 – 6 inches	Blue
2	Greater than 6 inches to 12 inches	Green
3	Greater than 12 inches to 18 inches	Yellow
4	Greater than 18 inches	Red

The resulting maps for the 2015 Control Conditions are provided in Figures 4-5 through 4-8 provided on the following pages.


VILLAGE OF KEY BISCAYNE
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
H&H CONTROL CONDITIONS MODEL 5-YR EVENT FIG. 4-5
CONCEPT DRAWINGS


KEY BISCAYNE
STORMWATER
IMPROVEMENTS
IMPLEMENTATION
PLAN
H&H CONTROL
CONDITIONS MODEL
10-YR EVENT
FIG. 4-8


KEY BISCAYNE
STORMWATER
IMPROVEMENTS
IMPLEMENTATION
PLAN
H&H CONTROL
CONDITIONS MODEL
25-YR EVENT
FIG. 4-7


Flooding Depths Table
Number
Color
Minimum Depth (FT)
Maximum Depth (FT)
1
0.010
0.500
2
0.500
1.000
3
1.000
1.500
4
1.500
> 1.500
VILLAGE OF KEY BISCAYNE
CONSULTANT:
EAC Consulting, Inc.
SUB-CONSULTANT:
PROJECT:
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
REVISIONS:
NO.
DESCRIPTION
DATE
BY
DATE ISSUED: NOVEMBER 20, 2015
DESIGNED BY: EAG
DRAWN BY: EAG
REVIEWED BY: MA
N
SHEET TITLE:
H&H CONTROL CONDITIONS MODEL 100-YR EVENT FIG. 4-8
SHEET NO.
SHEET ____ OF ____
CONCEPT DRAWINGS

4.5 Identification of Problem Areas

Miami-Dade RER has established procedures and criteria to identify problem areas when H&H analyses are undertaken for watersheds. These procedures and criteria are docuemented in Part I, Volume 3, "Stormwater Planning Procedures," dated March 1995. Although, not explicitely utilized for this SWMP Implementation effort, the recommendations in RER's publication have been adapted to identifying the problem areas within the Key.

In general, the presence and severity of stormwater ponding serves as the basis for identifying the problem areas. These areas are those depicted on Figures 4-5 through 4-8 which, indicate excessive ponding depths with prolonged recovery times.

Accordingly, the completed H&H indicates that 14 major areas within the Villiage shall be included in a Capital Improvements Program (CIP). The problem areas requiring infrastructure improvements are listed as follows:

1. K-8 School Central Basin
2. K-8 School South Basin
3. West Heather Drive
4. West of the Village Green Park Area
5. Holiday Colony
6. The Gardens District
7. Ocean Lane Drive
8. Harbor Dr. Corridor
9. West wood Drive Corridor
10. Allendale Road., Warren Lane and Hampton Lane Corridors
11. West Enid Drive Corridor
12. Palmwood Drive Corridor
13. Sabal Drive Corridor
14. Curtiswood Corridor



Figure 4-9 : 2015 H&H Control Model – Problem Areas

5.0 PROPOSED "SOLUTION" H&H MODELING & ANALYSES

This section of our technical report provides a description of the methodology that the EAC team utilized to develop and evaluate measures and infrastructure improvements to enhance the Village's existing storm water management system. These improvements will be necessary to reduce repetitive loss claims and enhance the level of service / performance of VKB maintained infrastructure. In order to maximize the benefit to all residents and stakeholders within the Village, a holistic approach encompassing the evaluation of the impacts of each type of alternative on the village storm water management system as a whole was adopted. The approach allows for the Village to effect improvcements that benefit the entirety of the Village in lieu of targeting improvements to more localized areas. Furthermore, the topography of the Village is generally flat and the interdependency of the subcatchments delineated for the watershed facilitates the selected approach.

This approach involved incorporating adverse ponding mitigation infrastructure and measures within the 2015 "control" H&H model as necessary to understand and comprehend the benefits of each respective action plan. InfoSWMM, through its ArcGIS integrated environment provided a user friendly platform with the ability to readily and easily assess the effectiveness and viability these stormwater management alternatives before extensive and detailed design calculations are carried out.

The result of these analyses yielded a **two tiered approach** to enhancing the LOS throughout the village.

5.1 Tier 1 Infrastructure Improvements

Tier 1 Improvements comprise of mitigating and reducing the impacts resulting from consistent tidal flutuations. These improvements comprise of implementing a strategy to relieve the Key of high tide ponding conditions that occur predomintly on the west side of the Village. These conditions if not addressed are likely to be further excarcebated considering the effects of global warming and associated sea level rise (SLR).

The resulting effects that high tide conditions have on the village stormwater management include the following:

1. The presence of nuisance ponding on streets (travel lanes) and driveways occasionally affecting traffic flow and resulting in unnnecessary delays.
2. Salt-water intrusion into the upstream existing drainage infrastructure potentially impacting on mechanical components of the existing pumps. This may impact on the reliability and performance of pump stations and need for frequent maintenance.
3. The high tides are responsible for increased frequency of pump turn ons which ultimately the performance of the existing stations, reduces the reliability and further increases the potential need for frequent maintenance.
4. The presence of significantly corroded metal pipes is also a potential consequence of hight tides with higher salinity levels triggering the need for capital improvements to repair or replace pipe segments.
5. Gravity wells are potentially affected by the hightides often imposing a back pressure on the disposal capability consequenting in inefficient management of stormwater runoff.

EAC recommends that the Village embark on a high tide mitigation progrram that targets twenty (20) identified storm water outfalls. The improvements will also be extended to include tie in points from the Village's maintained system to Crandon Boulevard at the following locations:

- @ the intersection of Crandon Blvd & Galen Drive
- @ the intersection of Crandon Blvd & East Heather Drive
- @ the intersection of Crandon Blvd & Ocean Lane Drive

The High tide mitigation program will involve the selection of devices and ancilliary stormwater and site infrastructure improvements to facilitate their installation.

5.1.1 Alternatives for High Tide Mitigation Improvements

Several alternatives for high tide mitigation systems, measures, valves and equipment were evaluated for implementation. Several factors were considered in making a thorough asessment and determination of benefits and disadvantages associated with each of the options considered. Some of the factors considered included:

i. Installation Costs
ii. Ease of Maintenance
iii. Reliability in Saltwater Environment
iv. Ease of Installation
v. Local Availability
vi. Durability to Tidal Effects / Forces
vii. Need for Installation from the Outlet End
viii. Industry Acceptance & Reputation
ix. Fabrication Size Range
x. Familiarity with VKB Public Works staff
xi. Type of Material
xii. Duration of Construction
xiii. Ability to Operate Valve Manually During an Event
xiv. Flow Efficiency
xv. Debris Control
xvi. Suitability to Outfall Conditions

Some of the systems reviewed include:

5.1.1.1 Flap Gates

Flat Gates are systems which when at the end of a outfall pipe prevents the flow of water in the upstream direction. This is achieved through a hinged mechanism that only allows water to flow in a particular direction. Flap gates are typically made out of galvanized cast iron or stainless steel, however some rubber or plastic material types are available. Flap gates would have to be installed at the outlet end or would require installation inside structures upstream of the outfall culvert or pipe.

5.1.1.2 Inline Check Valves

Inline Check valves are systems which, when places inside a pipe, prevents the flow of water in the reverse direction upstream. These devises are made of a specialized rubber material and are unibody. The advantage of inline check valves is that they can be installed upstream of an outfall. The environmental and regulatory concerns when installing this type of systems is comparatively minimal. However, there are associated installation constraints and limitations that must be evaluated prior to use.

5.1.1.3 Outlet "Duckbill" Check Valves

Duckbilled valves when placed at outfall locations prevent the flow of water in the upstream direction by effectively closing the opening into pipe. Flow through a "duckbill" valve is always monodirectional (i.e. from upstream to downstream), as the valve remains shut otherwise. This type valve is typically made out a specialized rubber material and are also unibody. The Village has recently installed these valves and Public Works staff are familiar with it. Environmental conditions however have to be considered when they are utilized when they have to be installed on the outlet end.

5.1.1.4 Slide Gates

Slide gates are systems typically installed at outfall locations which interrupt the flow of water by essentially closing the pipe opening. These mechanical appurtenances are typically made of stainless steel and can either be operated manually or remotely. Remotely operated slide gates would require additionally considerations to be accounted for including the need fo electrical/power installations and telemetry connectivity.

5.2 Tier 2 Infrastructure Improvements

Tier 2 Improvements encompass the implementation of a stormwater capital projects plan village-wide with the objective of improving conditions currently experienced in the Key after rainfall events. These improvements are goaled at ensuring that regulatory required LOS is maintained within right of ways under the jurisdicction of the Village. These improvements involve retrofiting and rehabilitation of existing infratsructure, removal and abadonment of unreliable systems and proposing new and modern techniques of managing stormwater after precipitation events.

The capital projects conceived as part of the SWMP implementation, are capable of ensuring that storm water collection, conveyance and disposal occur in a seamless process ensuring that adverse ponding on streets are significantly minimized. The projects also consider utilizing all existing infrastructure deemed tobe in acceptable working conditions, thereby reducing capital costs and construction schedule. The improvements are also carefully developed to minimize impacting on environmental constraints associated with implementing infrastructure construction in close proximity to the Bay and other sensitive plant/marine life.

The goal of the EAC team in proposing the improvements specified for the problem areas is to ensure that necessary measures can be undertaken in an economical, environmentally safe and efficient manner.

5.2.1 Alternatives for Tier 2 Capital Improvements

Following the completion and identification the problem areas, the EAC team started to evaluate and analyse different infrastructure systems to be implemented to address the needs identified. Coastal communities, such as the Village of Key Biscayne, have a limited range of infrastructure systems that are practical due to low topography and subsurface conditions that render many other approaches ineffective.

The following improvement measures and approaches were reviewed and evaulated by the EAC team:

5.2.1.1 Conveyance Piping Upgrades

A review of the existing stormwater atlas and as-builts provided to EAC team revealed that conveyance piping improvements are needed to facilitate the flow of runoff between various locations villagewide. The improved interconnectivity will also serve to maximize disposal through drainage wells and at the outfalls. Adequately sized piping will also improve flow conditions that may be inhibited by undersize piping and or damaged (or significantly corroded) pipe segments. Adequate conveyance is a major attribute of efficient stormwater management systems and will be an important consideration in improving the performance of VKB's system. Futhermore upgrades are necessary to bring existing infrastructure up to industry standard.

5.2.1.2 Additional Outfalls

Outfalls facilitate disposal of stormwater into of surface waters. One approach considered involves the installation of additional outlet points into the Bay. Additional outlets would provide relief to existing

outfalls some of which are significantly undersized or partially damaged hindering their effectiveness. If implemented these additional outfalls would discharge directly into Biscayne Bay a State of Florida classified Outstanding Florida Water (OFW). Discharge into OFWs require increased regulatory standards. Furthermore, the feasibility of additional outfalls may be diminished especially considering the need for extensive coordination associated with acquiring easement and licensed agreements from private property owners.

5.2.1.3 New Gravity Drainage Wells

For stormwater disposal purposes drainage wells are utilized to transmit runoff directly into a subsurface non-potable aquifer where seepage or transmissivity is very low or non- existent. The design hydraulic head for gravity drainage wells is limited by the maximum allowable stage upstream of the drainage wells. In locations where the topography is low or critically low lying, the hydraulic head is further restricted because of high water table and head losses resulting from the density variance between fresh and saltwater. Gravity wells have wide spread usage through out the Village and have been an important part of the storm water management system. Provided that there are no anomalies with the structural integrity of subsurface, drainage wells will continue to be the an important method of stormwater disposal for VKB.

5.2.1.4 Redevelopment of Existing Gravity Drainage Wells

The village currently operates and maintains 29 drainage wells . These drainage wells have been in operation for a sustained period of time. Over time the hydraulic disposal capacities of wells reduce significantly. This reduction in capacity delays stormwater disposal and increases street ponding of runoff. VKB's Public Works division has in place an ongoing Drainage Well Redevelopment and Mainatenance Program that has been significantly valuable and beneficial to the stormwater management system. This program is strongly recommended to continue and existing wells where feasible should be redeveloped to increase their capacities to reduce and possibly eliminate prolonged ponding. As established in Section 4 of this report, several wells are in need of redevelopment to ensure that they are in optimum working condition and also to ascertain their disposal capabilities.

5.2.1.5 Stormwater Pump Stations and Pressurized Injection Wells

In extreme cases where the available head to facilitate disposal through gravity wells is inadequate to achieve the desired LOS, it is necessary to introduce an external source to produce the hydraulic head needed. A stormwater pump station equipped with adequately sized pumps are necessary to remove stormwater streets that cannot be otherwise drained by gravity. Because of high costs,, their use is recommended only where other systems are not feasible. They are however extremely effective when planned and designed effciently. Pump stations work in tandem with drainage wells which are manifolded to the pump outlet pipe making them "pressurized" and capable of injecting flow into the non potable aquifer at a higher head pressure.

FDEP mandated regulatory requirements limit the maximum amount of head that can be utilized in order to ensure the integrity of the subsurface. Other considerations must also be taken into account when proposing stormwater pump station including pump redundancy, electric/power requirements, land availability and sizing, salinity conditions, maintenance needs and screening conditions.

5.3 Evaluation of Deficiencies throughout Village of Key Biscayne

In proposing each improvement or combination of improvements to address deficiencies in the probelem areas, the EAC team considered several factors. These factors or indicators presumably served as the sources or causes for the adverse stormwater management concerns exhibited.

The factors considered include the following:

i. Extremely Low Topography (i.e. elevations less than or equal to 4.00 ft NAVD)
ii. Inadequate Infrastructure either due to the lack of infrastructure or presence of undersized infrastructure.
iii. Limited interconnectivity within subcatchments
iv. Proximity to Existing Outfalls
v. Available space within Right of Way
vi. Roadway or Street Crossection conditions
vii. Roadway or Street Swale definition and conditions
viii. Presence of and Spacing of Drainage collection structures
ix. Presence of Decorative Landscaping & Hardscape

Other factors considered that relate to the level, type and number of improvements proposed include:

i. Construction Costs
ii. Construction Schedule
iii. Proximity to and Interconnection with systems owned and maintained by other jurisdictions
iv. Easement Acquisition and or License Agreements
v. Permitting Requirements
vi. Environmental Impacts
vii. VKB Public Works Familiarity & Maintenance Needs
viii. Impacts to homeswith building pads below FEMA Flood Criteria

5.4 Tier 1 Improvements H&H Model

The 2015 Control H&H model was updated to incorporate backflow prevention at the twenty locations previously described. To compensate for the effects of the backflow systems, additional head losses were coded at the outfalls and at tie-ins to the Crandon Boulevard system. These new components and conditions to the stormwater management system model introduced new instabilities to the model. These instabilities were primarily due to the interaction of these new components on the rest of the system. The EAC team's approach to resolving these instabilities by modifying the following simulation parameters in the Model Scenario Manager:

- Time Step for Conduit Lengthening (sec) = 7
- Safety Factor (%) = (varies)
- Inertial Terms = Ignore

These modifications were implemented in consultation with service representatives from Innovyze©. The objective of reducing continuity errors and improving model stability was to ensure performance level of consistency for comparison purposes between 2015 H&H Control Model and the 2015 Tier 1 Model when analyzing and evaluating the improvements to LOS for the different precipitation events. Through this procedure the following acceptable comparisons were achieved:

Storm event	Continuity Error	
	2015 H&H Control Model	2015 Tier 1 Model
5-yr – 24 hour	-0.945%	-0.607%
10-yr - 24 hour	0.585%	1.025%
25-yr - 72 hour	-0.680%	-0.930%
100-yr – 72 hour	-0.214%	1.643%

Further refinements in the model input parameters did not yield any marked improvements in the continuity error documented in the model results.

5.4.1 Assumptions & Considerations for Tier 1 Improvements Model

The development of the Tier 1Model required additional assumptions and important considerations as follows:

1. The backflow prevention systems will be installed at every outfall location in accordance with the High Mitigation Improvements program previously described. Although due to field conditions, it may be infeasible to install the systems within or on the outfall culvert/pipe, the systems will be installed within the upstream drainage structure preceding the each respective outfall. Careful field engineering decisions will have to be taken to ensure the installation complies with the conditions coded within the Tier 1 H&H model.

2. There is no groundwater infiltration into the stormwater system. This model assumes that the effect of groundwater infiltrating into the stormwater system via pipe openings or through drainage wells backflow is negligible

5.4.2 Tier 1 Model Results

Once the model refinements and updates were completed, the EAC team proceeded to simulating the performance of the Village's infrastructure for the following events:

1. 5 year -72 hour rainfal event
2. 10 year-72 hour rainfal event
3. 25 year- 72 hour rainfal event
4. 100 year-72 hour rainfal event.

The results for from this analysis effort were then compared to the established LOS criteria as well as results from the H&H analyses for the 2015 Control conditions.

The results were also converted into a graphic aerial map by spatial geoprocessing the output from the InfoSWMM model & ARC GIS into AutoCAD Civil 3D format. The ponding levels or depths were then digitized to depict in different colors various depths of ponding. The depth of ponding was determined as the difference between topographical ground elevations within the Key and the ponding elevations resulting from the modeling/simulation efforts.

The ponding depths were stratified in 6-inches increments according the tabulation below:

Ponding Level	Depth of Ponding	Color Code
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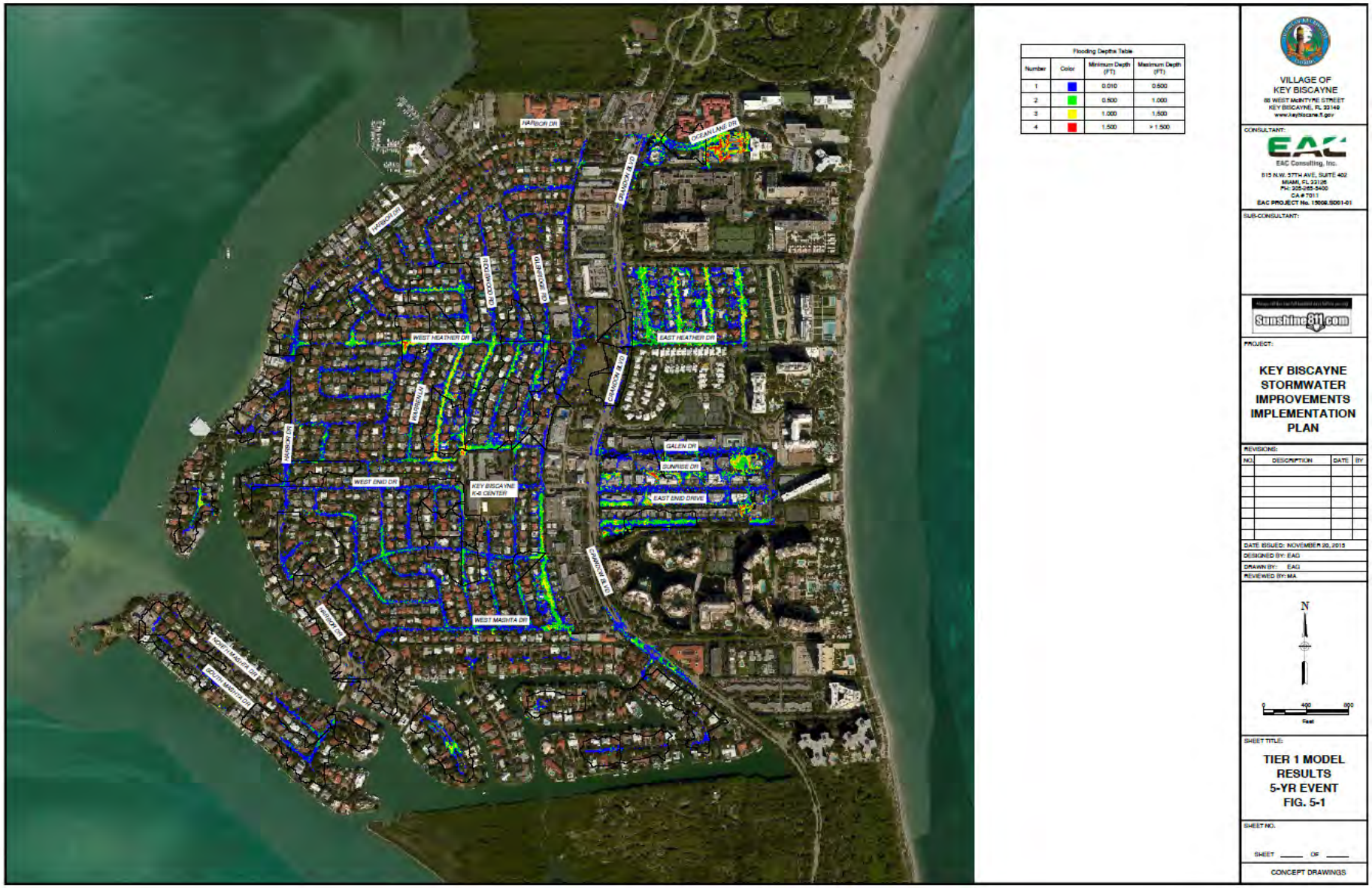
3	Greater than 12 inches to 18 inches	Yellow
4	Greater than 18 inches	Red

Figures 5-1 through 5-4 illustrate results obtained from the analyses.


Flooding Depths Table
Number
Color
Minimum Depth (FT)
Maximum Depth (FT)
1
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0.500
2
0.500
1.000
3
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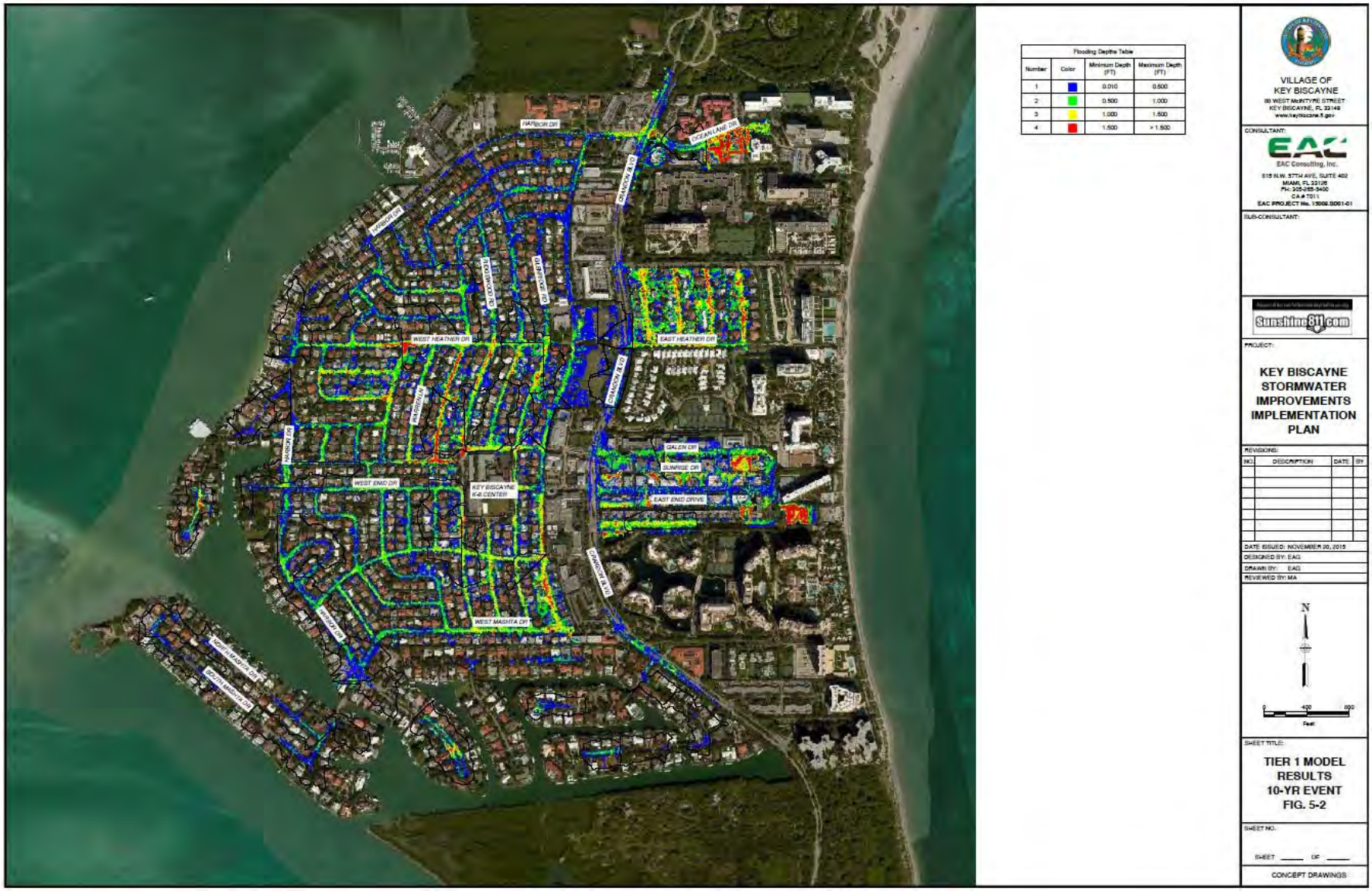
1.500
4
1.500
> 1.500
HARBOR DR
OCEAN LANE DR
OCEAN DR
WEST HEATHER DR
EAST HEATHER DR
GALEN DR
SUNRISE DR
WEST END DR
KEY BISCAYNE K-8 CENTER
EAST END DRIVE
WEST MASHTA DR
VILLAGE OF KEY BISCAYNE
EAC Consulting, Inc.
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
TIER 1 MODEL RESULTS 5-YR EVENT FIG. 5-1
CONCEPT DRAWINGS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3
1.000
1.500
4
1.500
> 1.500
VILLAGE OF KEY BISCAYNE
88 WEST McINTYRE STREET
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Ph.: 305-985-5400
CA # 7011
EAC PROJECT No. 13008.SD01-01
SUB-CONSULTANT:
Sunshine811.com
PROJECT:
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
REVISIONS:
NO.
DESCRIPTION
DATE
BY
DATE ISSUED: NOVEMBER 20, 2015
DESIGNED BY: EAC
DRAWN BY: EAC
REVIEWED BY: MA
N
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400
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SHEET TITLE:
TIER 1 MODEL RESULTS 10-YR EVENT FIG. 5-2
SHEET NO:
SHEET ____ OF ____
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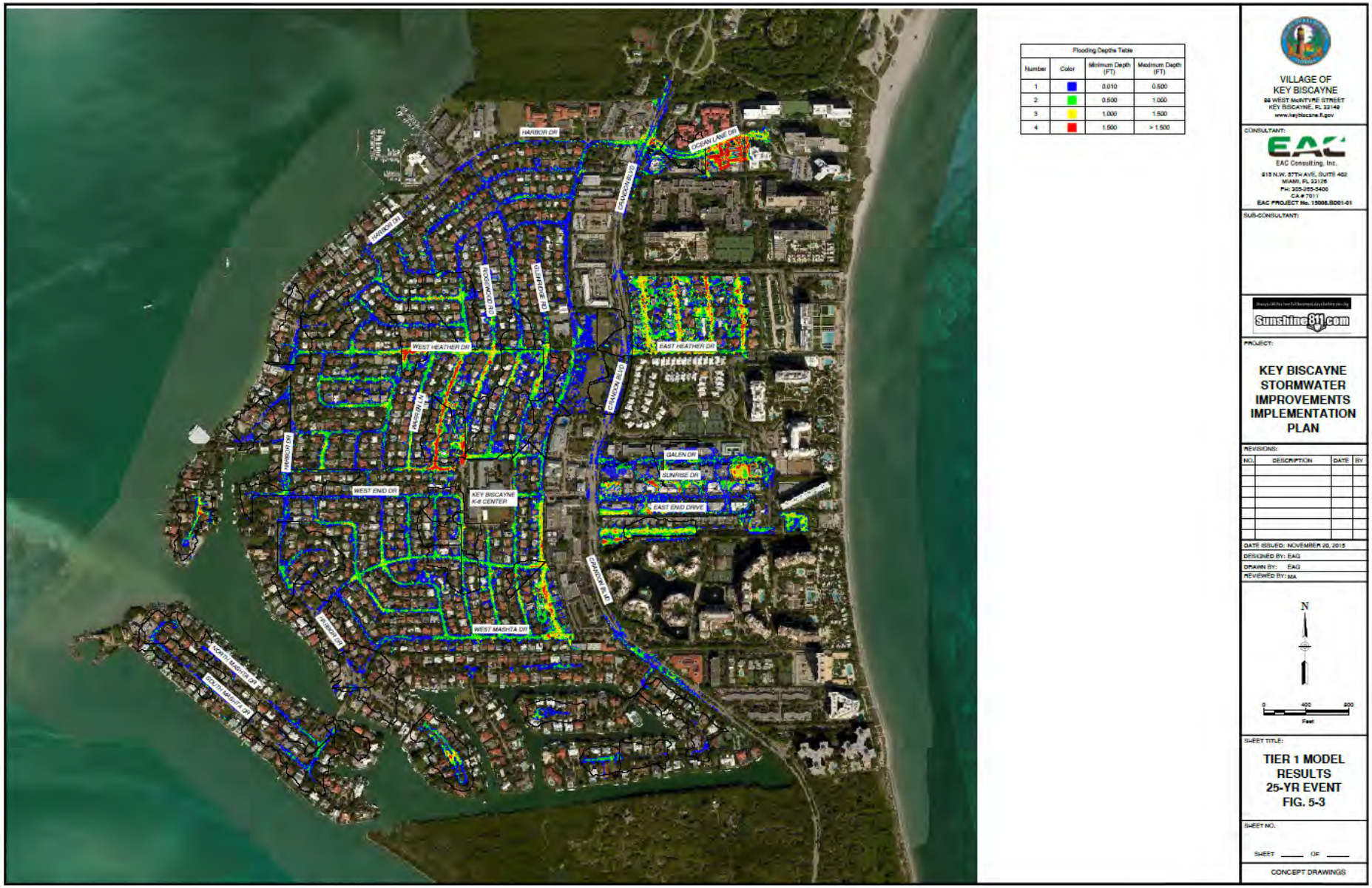
HARBOR DR
OCEAN LANE DR
OCEANVIEW AVE
WEST HEATHER DR
EAST HEATHER DR
GALEN DR
SUNRISE DR
WEST END DR
EAST END DRIVE
KEY BISCAYNE K-8 CENTER
WEST MASHTA DR
NORTH MASHTA DR
SOUTH MASHTA DR


HARBOR DR
OCEAN LANE DR
CAMDEN BLVD
WEST HEATHER DR
EAST HEATHER DR
GALEN DR
SUNRISE DR
WEST ENID DR
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KEY BISCAYNE K-8 CENTER
WEST MASHTA DR
SOUTH MASHTA DR
SOUTH WIND DR
Flooding Depths Table
Number
Color
Minimum Depth (FT)
Maximum Depth (FT)
1
0.010
0.500
2
0.500
1.000
3
1.000
1.500
4
1.500
> 1.500
VILLAGE OF KEY BISCAYNE
88 WEST McINTYRE STREET
KEY BISCAYNE, FL 33149
www.keybiscayne.fl.gov
CONSULTANT:
EAC Consulting, Inc.
615 N.W. 57TH AVE, SUITE 402
MIAMI, FL 33126
PH: 305-265-5400
CA # 7011
EAC PROJECT No. 15006.SD01-01
SUB-CONSULTANT:
Sunshine811.com
PROJECT:
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
REVISIONS:
NO.
DESCRIPTION
DATE
BY
DATE ISSUED: NOVEMBER 20, 2015
DESIGNED BY: EAG
DRAWN BY: EAG
REVIEWED BY: MA
N
0
400
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Feet
SHEET TITLE:
TIER 1 MODEL RESULTS 25-YR EVENT FIG. 5-3
SHEET NO.
SHEET ____ OF ____
CONCEPT DRAWINGS



Flooding Depths Table			
Number	Color	Minimum Depth (FT)	Maximum Depth (FT)
1		0.010	0.500
2		0.500	1.000
3		1.000	1.500
4		1.500	> 1.500

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EAC PROJECT No. 15008.SD01-01

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REVISIONS:

NO.	DESCRIPTION	DATE	BY

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DRAWN BY: EAG
REVIEWED BY: MA

N

0 400 800
Feet

SHEET TITLE:
TIER 1 MODEL RESULTS 100-YR EVENT FIG. 5-4

SHEET NO.

SHEET ____ OF ____

CONCEPT DRAWINGS

5.5 Tier 2 Improvements H&H Model

The Tier 1 Improvements model was updated with capital improvement measures and systems. The task of updating Tier 1 Model to the Tier 2 Model involved the implementation of a combination of the infrastructure types previously described with the objective of achieving the LOS established as an indicator of acceptable performance. In general, the methodology followed in proposing improvements was:

1. Redevelopment of existing wells if present within problem area
2. Retrofit of existing stormwater pump station if present within problem area
3. Provide system adequate interconnectivity between sub-catchments.
4. Upgrading of Existing Infrastructure – For this step the model inputs and outputs were analyzed to determine whether or not continuing upgrade the existing infrastructure had the desired effect.
5. Introduction of additional drainage wells– For this step, the model inputs and outputs were analyzed to determine whether or not adding more drainage wells were feasible
6. Introduction of new stormwater Pump stations
7. Upgrade Gravity Wells to Pressurized Injection Wells
8. Provide New Pressurized Injection Wells.
9. Evaluate futher need for Outfall Improvements and/or Additions

The new components and conditions to the stormwater management system model introduced new instabilities to the model. These instabilities were primarily due to the interaction of these new components on the rest of the system. The EAC team's approach to resolving these instabilities by modifying the following simulation parameters in the Model Scenario Manager:

- Time Step for Conduit Lengthening (sec) = 7
- Safety Factor (%) = (varies)
- Inertial Terms = Ignore

The objective of reducing continuity errors and improving model stability was to ensure performance level of consistency for comparison purposes between 2015 Control Model 2015, Tier 1 Model and the 2015 Tier 2 Model when analyzing and evaluating the improvements to LOS for the different precipitation events. Through this procedure the following acceptable comparisons were achieved:

Storm event	Continuity Error		
	2015 H&H Control Model	2015 Tier 1 Model	2015 Tier 2 Model
5-yr – 24 hour	-0.945%	-0.607%	-0.607%
10-yr - 24 hour	0.585%	1.025%	1.025%
25-yr - 72 hour	-0.680%	-0.930%	-0.930%
100-yr – 72 hour	-0.214%	1.643%	1.643%

Further refinements in the model input parameters did not yield any marked improvements in the continuity error documented in the model results.

5.5.1 Assumptions & Considerations for Tier 2 Improvements Model

The development of the Tier 2 Model required additional assumptions and important considerations as follows:

1. The backflow prevention systems outlined in the Tier 1 Improvements will be installed at every outfall location in accordance with the High Mitigation Improvements program as previously described. Careful field engineering decisions will have to be taken to ensure the installation complies with the conditions coded within the Tier 1 H&H model.
2. There is no groundwater infiltration into the stormwater system. This model assumes that the effect of groundwater infiltrating into the stormwater system via pipe openings or through drainage wells backflow is negligible
3. Future redevelopment within the village will not significantly impact runoff. Therefore, the proposed runoff coefficients for each sub-catchment will remain the same as the existing conditions.
4. All new and redeveloped drainage wells are coded with 850 GMP/ft-head capacity, to account for a long term utilization rate.
5. Available right-of-way from detention/retention system is not existent and acquisition of more right-of-way will remain infeasible due high land costs.
6. The material for all new stormwater pipes will have with a manning's coefficient 'n' = 0.0120.
7. All new and retrofitted pumps will exhibit a maximum capacity of 22 cfs.
8. All new and retroffited pumps will have stainless steel and corrossion proof components.
9. No collection system improvements are proposed due to the EAc team's understanding that the collection infrastructure are in good operating and maintained conditions and spot repairs or rehabilitation will performed under maintenance operations by VKB Public Works Division.

5.5.2 Tier 2 Model Results

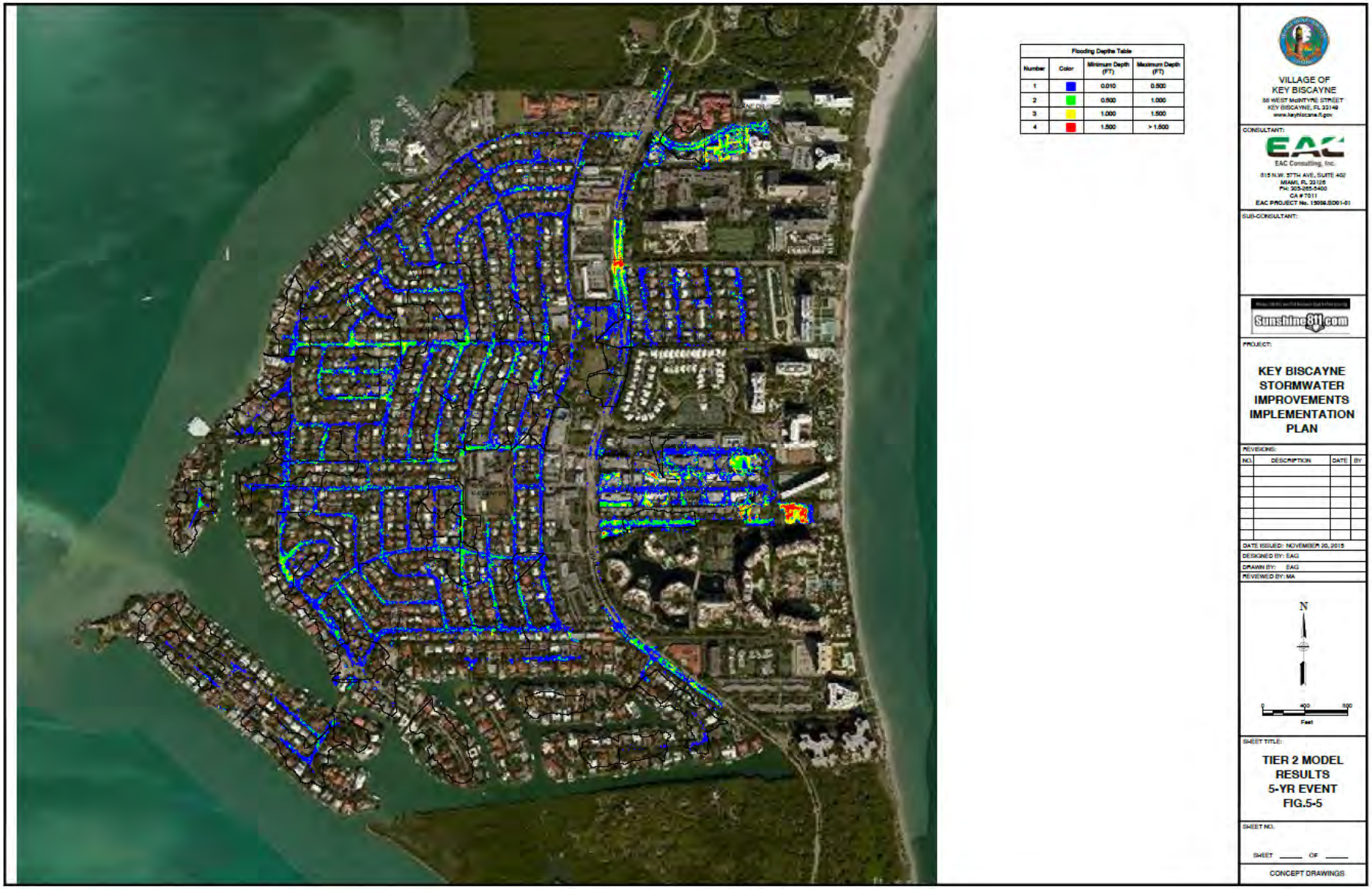
Once the model refinements and updates were completed, the EAC team proceeded to simulating the performance of the Village's infrastructure for the following events:

1. 5 year -72 hour rainfal event
2. 10 year-72 hour rainfal event
3. 25 year- 72 hour rainfal event
4. 100 year-72 hour rainfal event.

The results were also converted into a graphic aerial map by spatial geoprocessing the output from the InfoSWMM model & ARC GIS into AutoCAD Civil 3D format. The ponding levels or depths were then digitized to depict in different colors various depths of ponding. The ponding depths were stratified in 6-inches increments according the tabulation below:

Ponding Level	Depth of Ponding	Color Code
1	0 – 6 inches	Blue
2	Greater than 6 inches to 12 inches	Green
3	Greater than 12 inches to 18 inches	Yellow
4	Greater than 18 inches	Red

Figures 5-5 through 5-8 illustrate results from the analyses.



Flooding Depths Table			
Number	Color	Minimum Depth (FT)	Maximum Depth (FT)
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2		0.500	1.000
3		1.000	1.500
4		1.500	> 1.500

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REVIEWED BY: MA

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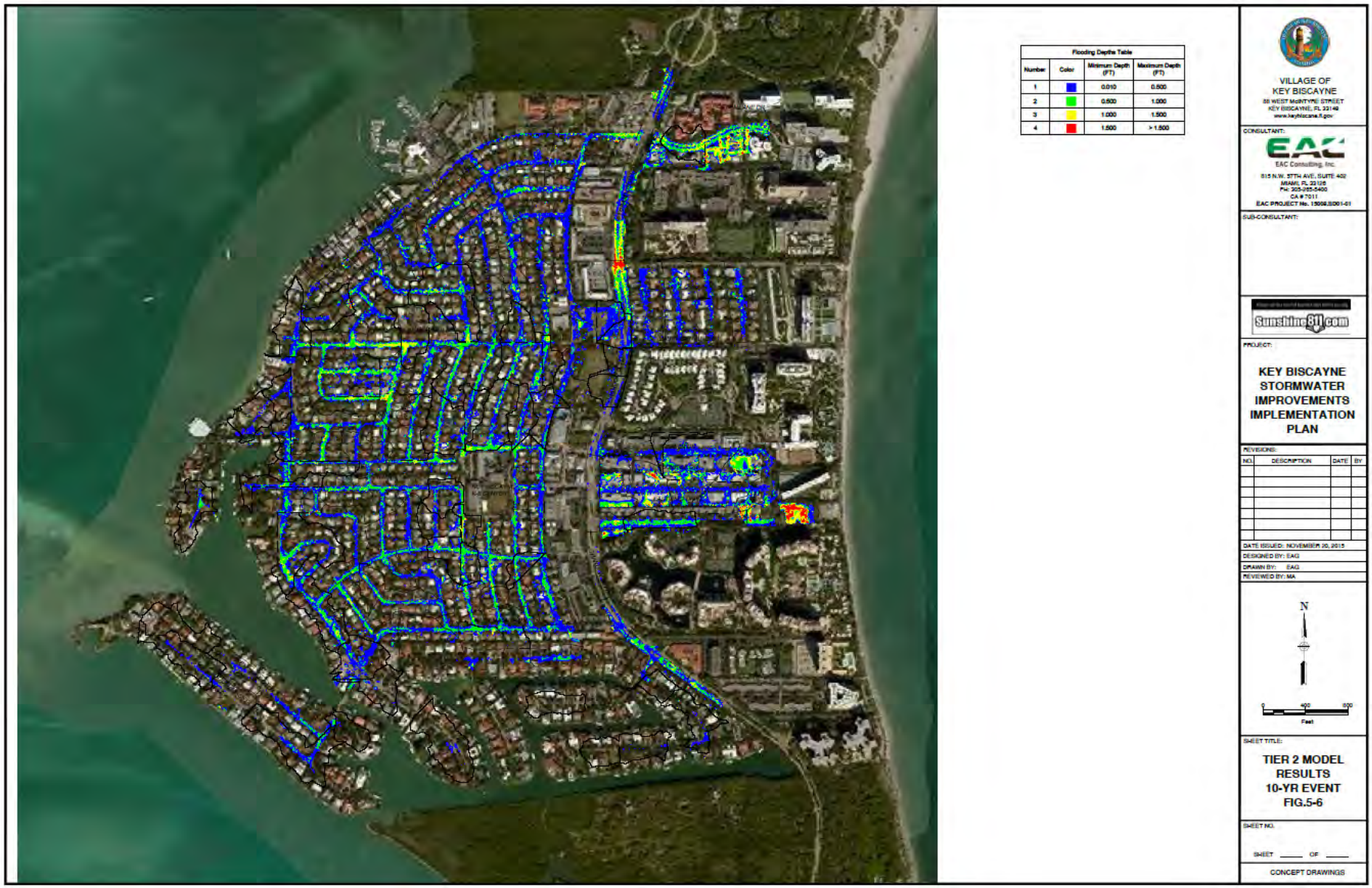
SHEET TITLE:
TIER 2 MODEL RESULTS 5-YR EVENT FIG.5-5

SHEET NO.:
SHEET ____ OF ____

CONCEPT DRAWINGS


Flooding Depths Table
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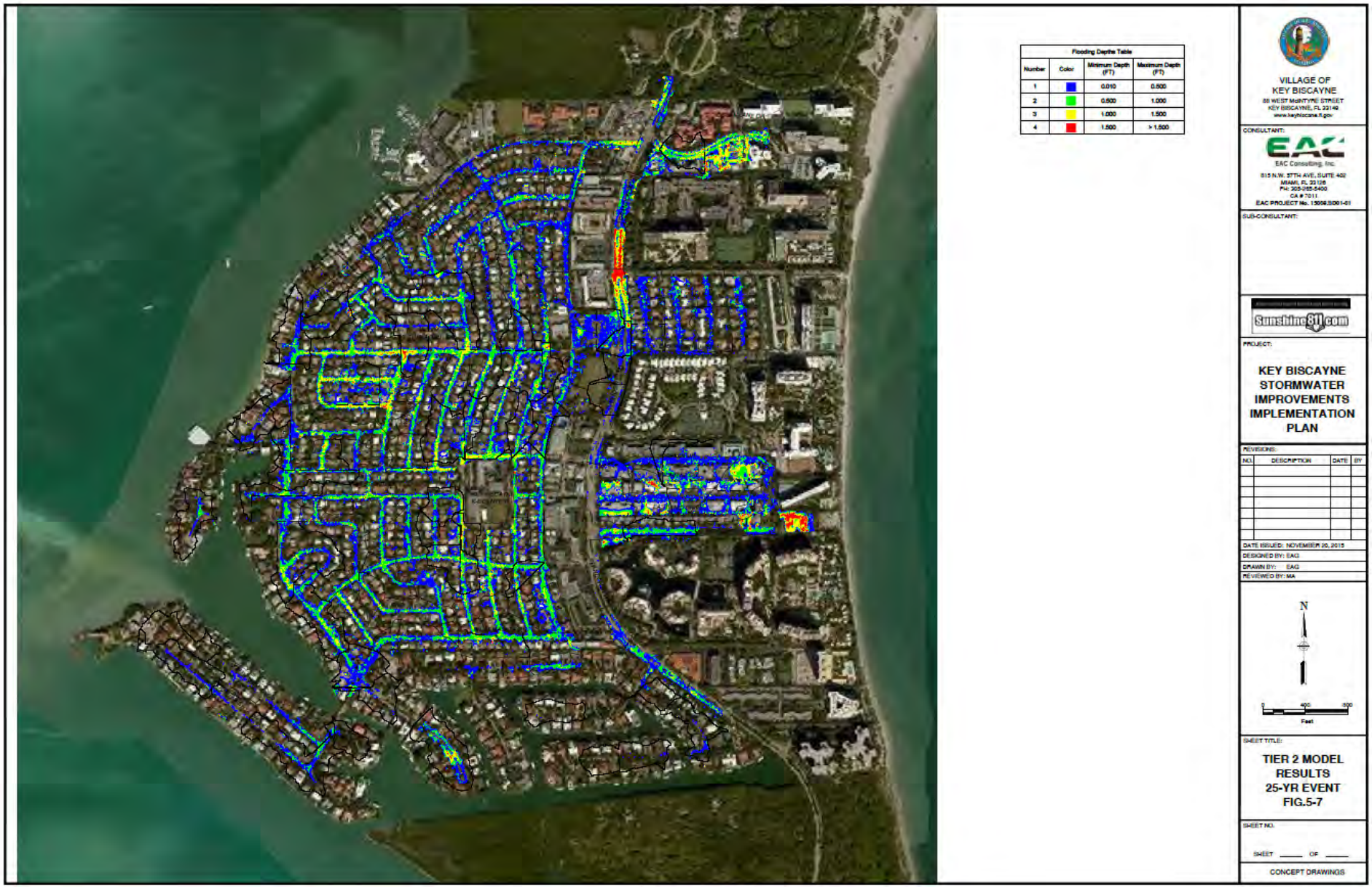
SHEET TITLE:
TIER 2 MODEL RESULTS 10-YR EVENT FIG.5-6
SHEET NO.
SHEET ____ OF ____
CONCEPT DRAWINGS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> 1.500
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DATE ISSUED: NOVEMBER 20, 2015
DESIGNED BY: EAG
DRAWN BY: EAG
REVIEWED BY: MA
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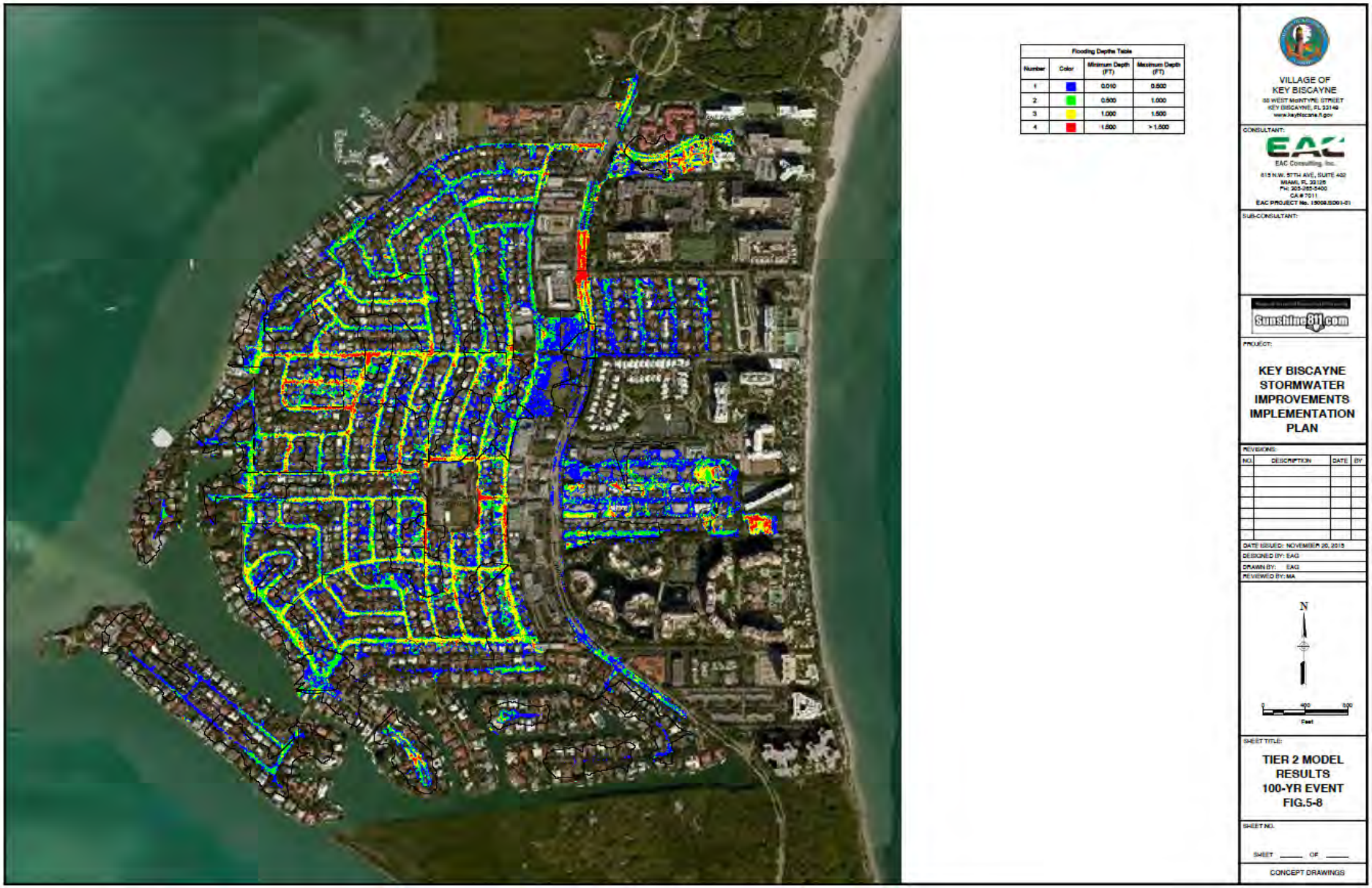
SHEET TITLE:
TIER 2 MODEL RESULTS 25-YR EVENT FIG.5-7
SHEET NO.
SHEET ____ OF ____
CONCEPT DRAWINGS


Flooding Depths Table
Number
Color
Minimum Depth (FT)
Maximum Depth (FT)
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> 1.500
VILLAGE OF KEY BISCAYNE
CONSULTANT:
EAC Consulting, Inc.
SUB-CONSULTANT:
PROJECT:
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REVISIONS:
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DESCRIPTION
DATE
BY
DATE ISSUED: NOVEMBER 20, 2015
DESIGNED BY: EAG
DRAWN BY: EAG
REVIEWED BY: MA
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SHEET TITLE:
TIER 2 MODEL RESULTS 100-YR EVENT FIG.5-8
SHEET NO.
SHEET ____ OF ____
CONCEPT DRAWINGS

5.6 Capital Projects

To address the LOS deficiencies in the 14 identified problem areas infrastructure improvements must be design, permitted and constructed in accordance with a VKB established Stormwater CIP program. Some of the improvements proposed will require coordination with residents and stakeholders located with the respective street corridors that require the improvements. The coordination with residents is recommended to occur during the design phase as well as during the construction.

The following specific improvements are proposed based on the H&H analyses process that was performed:

5.6.1 Area 1 - K-8 School Central Basin

The total area is 28.94 acres. This area is centered around the Key Biscayne K-8 Center. This area runs along Ridgewood Drive, Woodcrest Drive and Glenridge Drive starting north of Westwood Drive and ending south of West Heather Drive. It also includes portion of Fernwood Drive. The design proposes includes (1) stormwater drainage improvements to the conveyance system along Ridgewood Road, (2)Woodcrest Road, (3) Glenridge Road, (4)Fernwood Road, (5) West McIntyre Street and (6) West Enid Drive. The design also proposes (6) the redevelopment of two drainage wells and (7) the addition of six gravity drainage wells.

Estimated Number of Households Within Area:
124

Estimate of Probable Cost / Cost per Household:
$2,310,000 / $19,000

5.6.2 Area 2 - K-8 School South Basin

The total area is 26.04 acres and it is located south the Key Biscayne K-8 Center. This area runs along Ridgewood Drive, Woodcrest Drive and Glenridge Drive starting at West Masha Drive and ending south of West Enid Drive. The design proposes includes (1) stormwater drainage improvements to the conveyance system along Ridgewood Road, (2)Woodcrest Road, (3) Glenridge Road, (4)Fernwood Road, (5) West Mashta Drive and (6) West Enid Drive. The design also proposes (6) the redevelopment of two drainage wells and (7) the addition of five gravity drainage wells.

Estimated Number of Households Area:
10

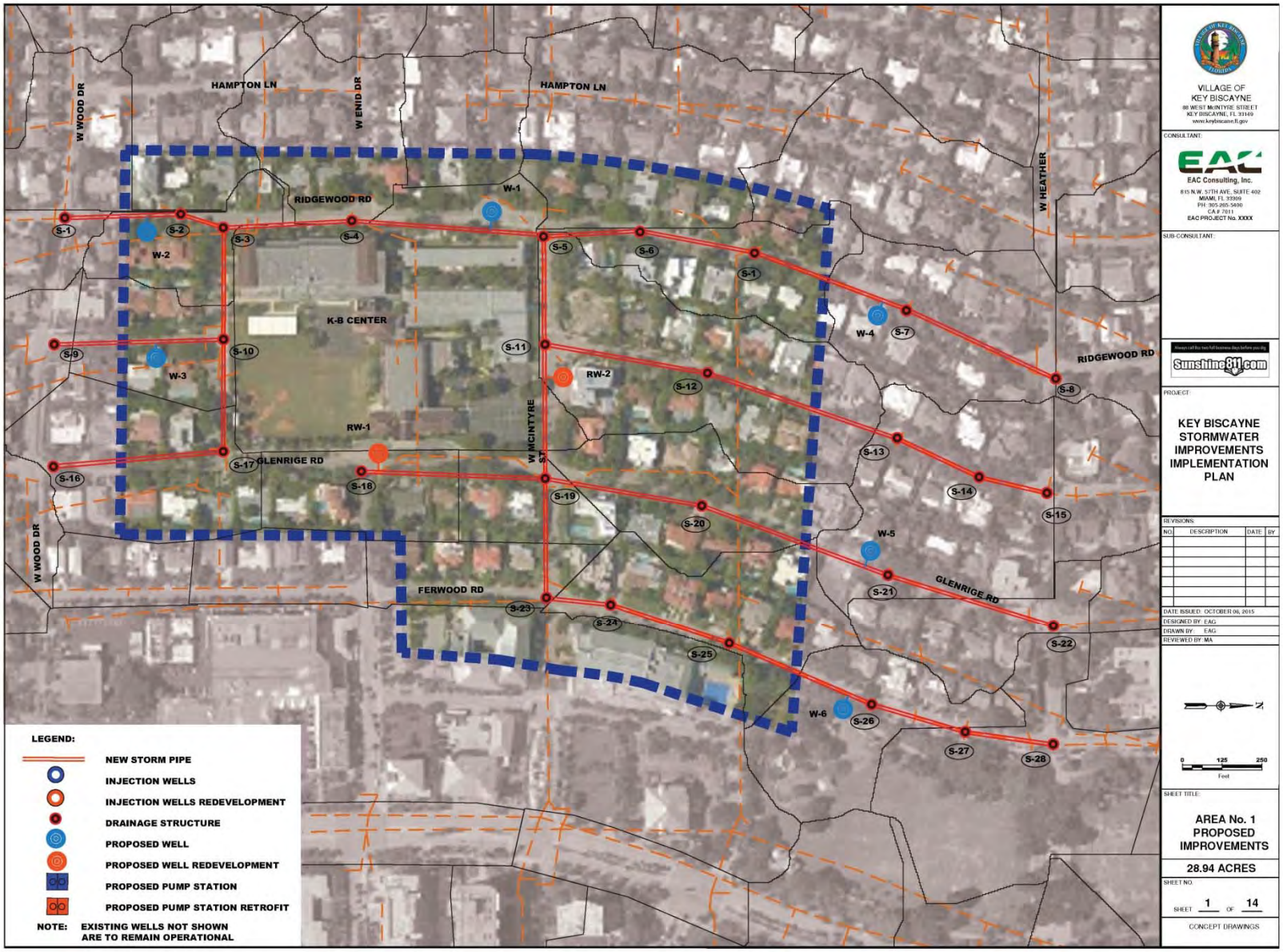
Estimate of Probable Cost / Cost per Household:
$$2,080,000 / $21,000

5.6.3 Area 3 - West Heather Dr. Corridor

The total area is 20.27 and is located to the west of the village. It runs along West Heather Drive and includes portions of Allendale Road, Warren Lane and Hampton Lane.The design proposes includes (1) stormwater drainage improvements to the conveyance system along West Heather Drive, (2)Allendale Road, (3)Warren Lane and (4)Hampton Lane. The design also proposes (5) the redevelopment of one drainage wells and (6) the addition of seven gravity drainage wells.

Estimated Number of Households Area:
124

Estimate of Probable Cost / Cost per Household:
$1,930,000 / $16,000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W WOOD DR
W ENID DR
HAMPTON LN
W HEATHER
RIDGEWOOD RD
W-1
W-2
W-3
W-4
W-5
W-6
K-8 CENTER
RW-1
RW-2
W MCINTYRE ST
GLENRIGE RD
FERWOOD RD
S-1
S-2
S-3
S-4
S-5
S-6
S-7
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S-27
S-28
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
VILLAGE OF KEY BISCAYNE
88 WEST McINTYRE STREET
KEY BISCAYNE, FL 33149
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CA # 7011
EAC PROJECT No. XXXX
SUB-CONSULTANT:
Sunshine811.com
PROJECT:
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
REVISIONS:
NO. DESCRIPTION DATE BY
DATE ISSUED: OCTOBER 06, 2015
DESIGNED BY: EAG
DRAWN BY: EAG
REVIEWED BY: MA
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SHEET TITLE:
AREA No. 1 PROPOSED IMPROVEMENTS
28.94 ACRES
SHEET NO.
SHEET 1 OF 14
CONCEPT DRAWINGS


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S-2
S-3
S-4
W-1
S-5
S-6
S-7
S-8
W-2
W MASHTA DR
S-14
S-12
S-13
S-15
W-4
S-11
W-3
S-9
S-10
RW-2
ISLAND DR
S-19
S-22
S-21
S-20
S-18
W-5
W WOOD DR
S-16
S-17
S-25
S-26
S-27
S-28
W-7
S-24
RW-3
S-23
W-6
W MCINTYRE ST
CRANDON BLVD
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
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REVISIONS:
NO. DESCRIPTION DATE BY
DATE ISSUED : OCTOBER 06, 2016
DESIGNED BY: EAG
DRAWN BY: EAG
REVIEWED BY: MA
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26.04 ACRES
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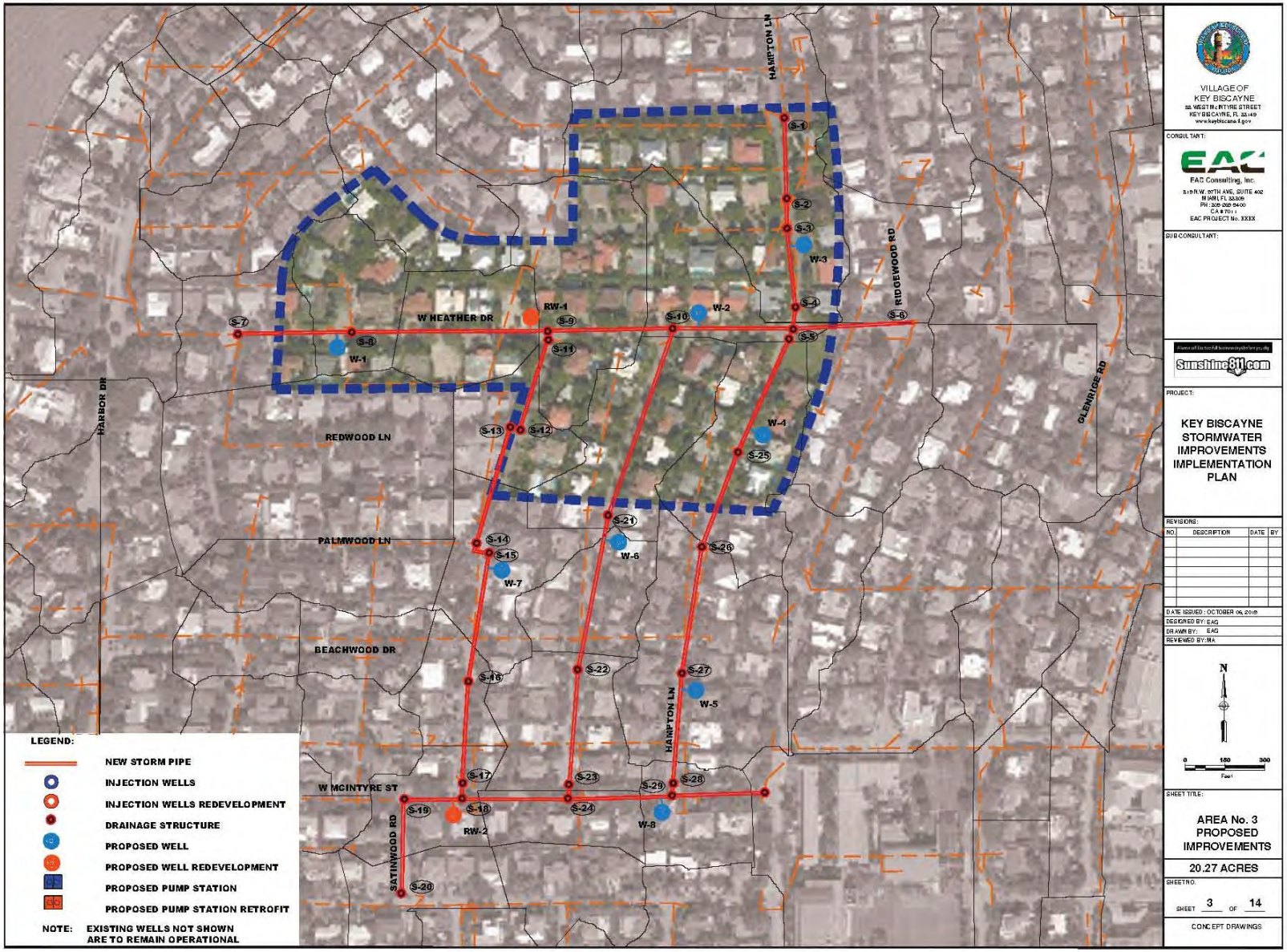
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RIDGEWOOD RD
W HEATHER DR
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W-2
W-3
W-1
HARBOR DR
REDWOOD LN
GLENRIDGE RD
W-4
PALMWOOD LN
W-6
W-7
BEACHWOOD DR
W-5
W MCINTYRE ST
RW-2
W-8
SATINWOOD RD
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
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REVISIONS:
NO. DESCRIPTION DATE BY
DATE ISSUED : OCTOBER 06, 2015
DESIGNED BY: EAC
DRAWN BY: EAC
REVIEWED BY: MA
SHEET TITLE:
AREA No. 3 PROPOSED IMPROVEMENTS
20.27 ACRES
SHEET NO.
SHEET 3 OF 14
CONCEPT DRAWINGS

5.6.4 Area 4 - Village Green Park

The total area is 29.94 acres and it is located just west of the Village Green Park. It runs along Ridgewood Road, Woodcrest Road, Glenridge Road and Fernwood Road starting north of West McIntyre Street end ending south of Hampton Lane and Woodcrest Lane.The design proposes includes (1) stormwater drainage improvements to the conveyance system along Ridgewood Road, (2)Woodcrest Road, (3) Glenridge Road, (4)Fernwood Road and (5) West Heather Drive. The design also proposes (6) the redevelopment of one drainage well and (7) the addition of six gravity drainage wells.

Estimated Number of Households Within Area:
151

Estimate of Probable Cost / Cost per Household:
$1,810,000 / $12,000

5.6.5 Area 5 - Holiday Colony

This area is approximately 24.41 acres and is located east of the village, to the right of Crandon Boulevard. It is composed entirely of the Holiday Colony area.The design proposes includes (1) stormwater drainage improvements to the conveyance system along East Heather Drive (2) the redevelopment of two gravity drainage wells and (3) the retrofit of the existing stormwater pump.

Estimated Number of Households Area:
55

Estimate of Probable Cost / Cost per Household:
$1,290,000 / $24,000

5.6.6 Area 6 - The Gardens District

This area is approximately 37.66 acres and it is located east of the village, to the right of Crandon Boulevard. It is composed entirely of the area knows at the Gardens District. The design proposes includes (1) stormwater drainage improvements to the conveyance system along East Enid Drive, (2)Sunrise Drive, (3) Galen Drive and (4) Ocean Lane. The design also proposes (5) the redevelopment of four drainage wells, (8) the addition on stormwater pump station with (9) three injection wells..

Estimated Number of Households Area:
1,500+

Estimate of Probable Cost / Cost per Household:
$2,930,000 / $2,000

5.6.7 Area 7 - Ocean Lane Drive

This area approximately 14.32 acres and is located to the north of the village and to left of Crandon Boulevard. It is composed of entirely of Ocean Lane Drive, from its start at the intersection of Crandon Boulevard and Ocean Lane Drive all the way to the entrance to the Island House Apartments. The proposed design includes (1) improvements to the stormwater conveyance system along Ocean Lane (2) redevelopment of the existing injection wells and (3) the retrofit of an existing pump station.

Estimated Number of Households Area:
1,099

Estimate of Probable Cost / Cost per Household:
$1,390,000/ $2,000


HAMPTON LN
RIDGEWOOD RD
WOODCREST RD
CRANDON BLVD
W HEATHER DR
REDWOOD LN
PALMWOOD LN
GLENRIDGE RD
HAMPTON LN
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LEGEND:
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INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
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DRAWN BY: EAC
REVIEWED BY: MA
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29.94 ACRES
SHEET NO.
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CONCEPT DRAWINGS


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WOODCREST RD
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CARIBBEAN RD
GULF RD
PACIFIC RD
ATLANTIC RD
OCEAN DR
TURTLE WALK
S-1
S-2
S-3
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S-6
S-7
S-8
PS-1
RW-1
RW-2
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INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
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KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
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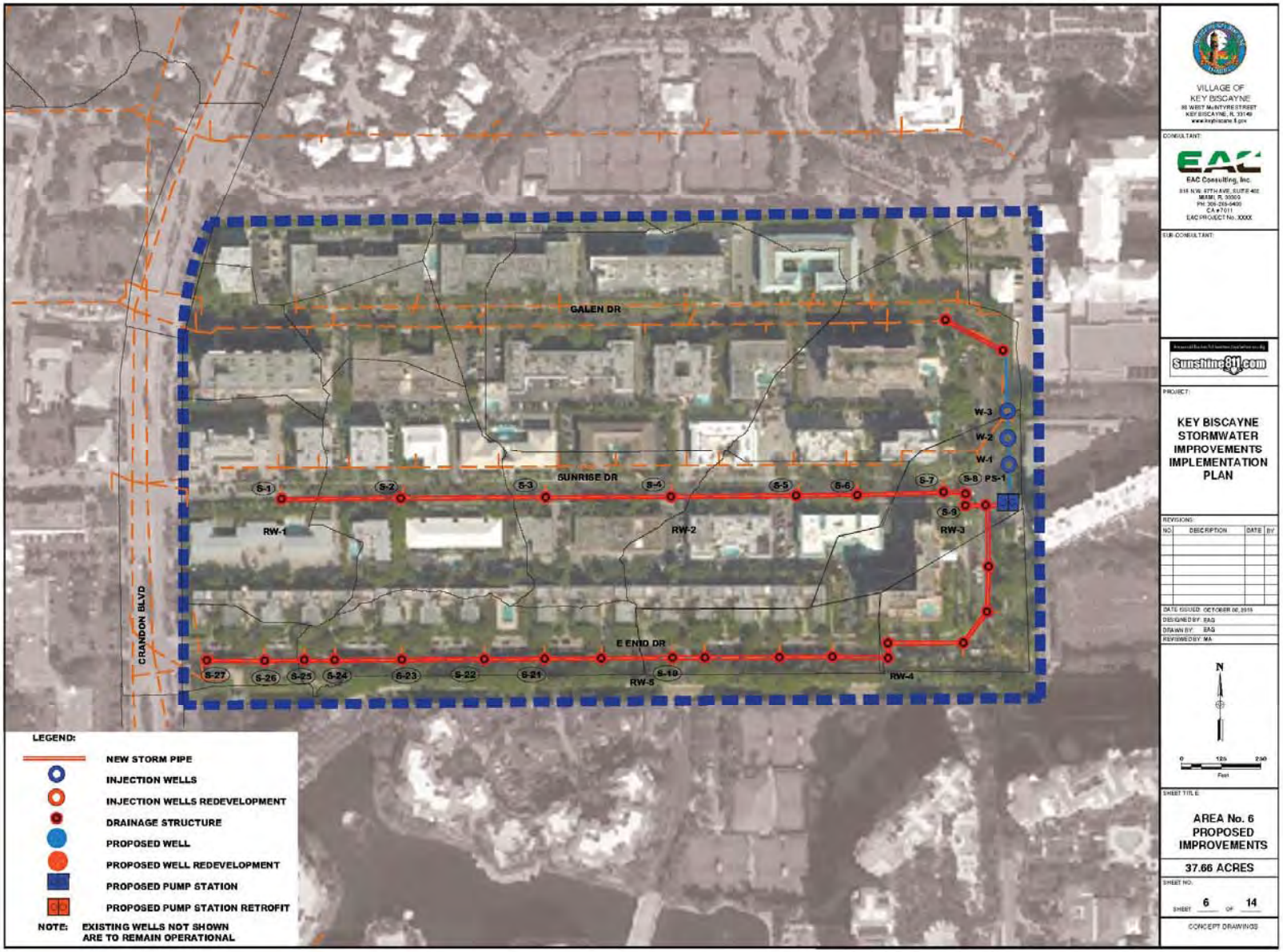
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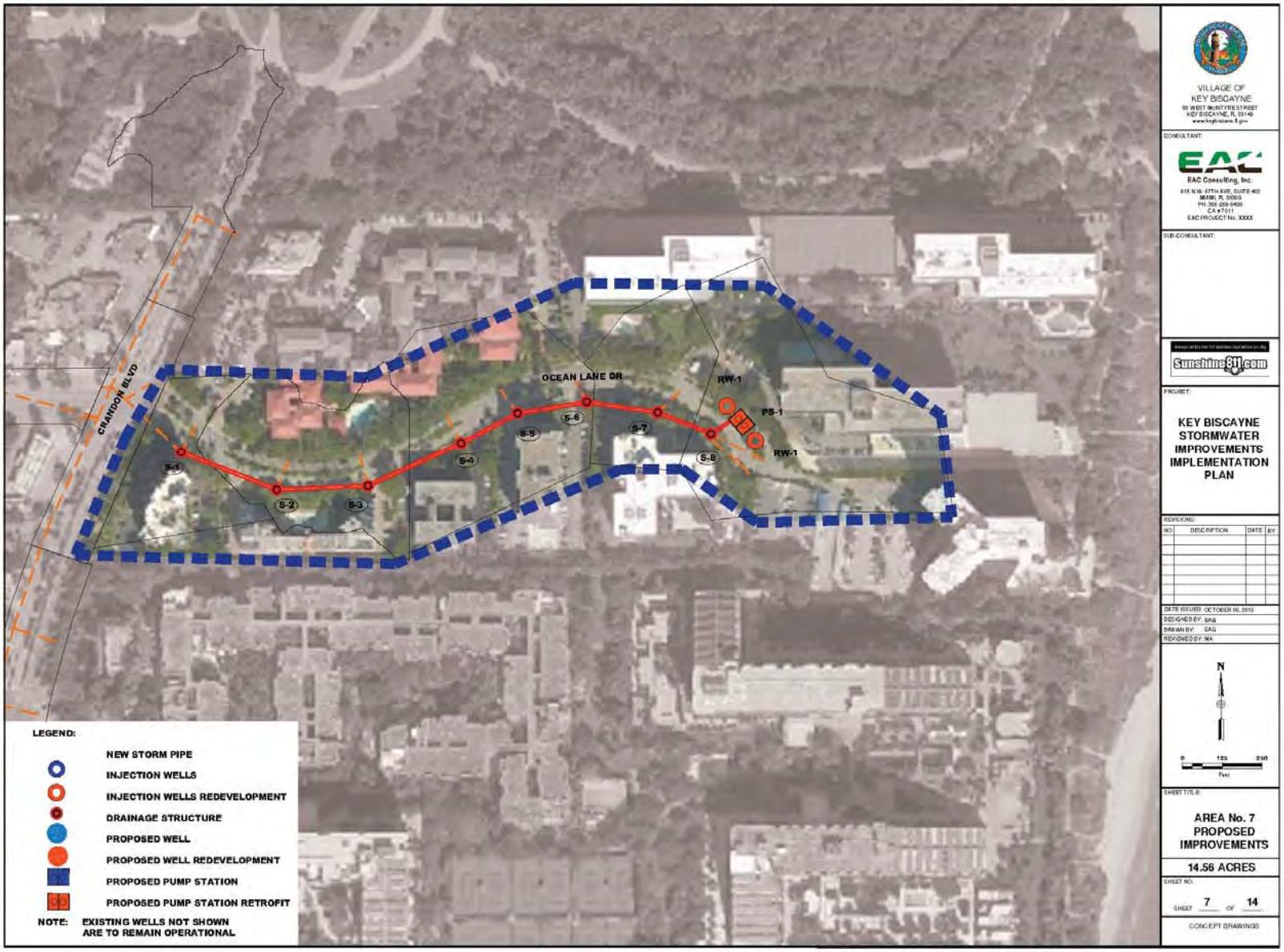
S-24
S-25
S-26
S-27
W-1
W-2
W-3
RW-1
RW-2
RW-3
RW-4
RW-5
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
VILLAGE OF KEY BISCAYNE
EAC Consulting, Inc.
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
AREA No. 6 PROPOSED IMPROVEMENTS
37.66 ACRES
SHEET 6 OF 14
CONCEPT DRAWINGS


CRANDON BLVD
OCEAN LANE DR
RW-1
PS-1
RW-1
S-1
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S-3
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S-5
S-6
S-7
S-8
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
VILLAGE OF KEY BISCAYNE
EAC Consulting, Inc.
Sunshine811.com
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
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Feet
AREA No. 7 PROPOSED IMPROVEMENTS
14.56 ACRES
SHEET 7 OF 14
CONCEPT DRAWINGS

5.6.8 Area 8 - Harbor Drive Corridor

This area is approximately 13.18 acres. It is located west of the village along Harbor Drive starting at West McIntyre Street and ending just north of Westwood Drive. It also includes Harbor Lane and Sunset Circle.The proposed design includes (1) improvements to the stormwater conveyance system along Harbor Drive (2) redevelopment of three gravity drainage wells and (3) the installation of four additional gravity drainage wells.

Estimated Number of Households Within Area:
54

Estimate of Probable Cost / Cost per Household:
$760,000 / $15,000

5.6.9 Area 9 - Westwood Drive Corridor

This area is approximately 13.18 acres. It is located to the south west of the village Westwood Drive starting at just west of Ridgewood Road and ending at Harbor Drive. It also includes portions of Hampton Lane, Warren Lane, Allendale Road, Curtiswood Drive and Myrtlewood Lane. The proposed design includes (1) improvements to the stormwater conveyance system along Westwood Drive, (2) Hampton Lane, (3) Warren Lane, (4) Allendale Road, and (5) Harbor Drive. The design also proposes (6) redevelopment of two gravity drainage wells and (7) the installation of eleven additional gravity drainage wells.

Estimated Number of Households Area:
92

Estimate of Probable Cost / Cost per Household:
$1,820,000 / $20,000

5.6.10 Area 10 - Allendale Rd, Warren Ln and Hampton Ln Corridors

This area is approximately 13.01 acres and it is located just west of the Key Biscayne K-8 Center. The area runs long West McIntyre Street starting just west of Ridgewood Road and ending at Satinwood Road. It also includes portions of Hampton Lane, Warren Lane and Allendale Road.The proposed design includes (1) improvements to the stormwater conveyance system along West McIntyre Street, (2) Hampton Lane, (3) Warren Lane, (4) Allendale Road, and (5) Satinwood Road. The design also proposes (6) redevelopment of one gravity drainage well and (7) the installation of ten additional gravity drainage wells.

Estimated Number of Households Area:
106

Estimate of Probable Cost / Cost per Household:
$1,760,000 / $17,000

5.6.11 Area 11 - West Enid Drive Corridor

This area is approximately 8.31 acres and it is located just west of the Key Biscayne K-8 Center. The area runs long West Enid Drive starting just west of Ridgewood Road and ending at Satinwood Road. It also includes portions of Hampton Lane, Warren Lane and Allendale Road. The proposed design includes (1) improvements to the stormwater conveyance system along West Enid Drive, (2) Hampton Lane, (3) Warren Lane, (4) Allendale Road, and (5) Satinwood Road. The design also proposes (6) redevelopment of one gravity drainage well and (7) the installation of seven additional gravity drainage wells.

Estimated Number of Households Area:
1500

Estimate of Probable Cost / Cost per Household:
$2,930,000 / $2,000


W McINTYRE ST
SUNSET CR
W ENID DR
CURTISWOOD DR
HARBOR DR
HARBOR LN
WESTWOOD DR
SUNWOOD DR
ALLENDALE DR
S-1
S-2
S-3
S-4
S-5
S-6
S-7
S-8
S-9
S-10
S-11
S-12
S-13
S-14
S-15
RW-1
RW-2
RW-3
W-1
W-2
W-3
W-4
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
VILLAGE OF KEY BISCAYNE
EAC Consulting, Inc.
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KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
AREA No. 8 PROPOSED IMPROVEMENTS
13.18 ACRES
SHEET 8 OF 14
CONCEPT DRAWINGS


W HEATHER DR
REDWOOD LN
PALMWOOD LN
W McINTYRE ST
ALLENDALE RD
WARREN LN
HAMPTON LN
KEY BISCAYNE K-8 CENTER
S-1
S-2
S-3
S-4
S-5
S-6
S-7
S-8
S-9
S-10
S-11
S-12
S-13
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W-4
W-5
W-6
W-7
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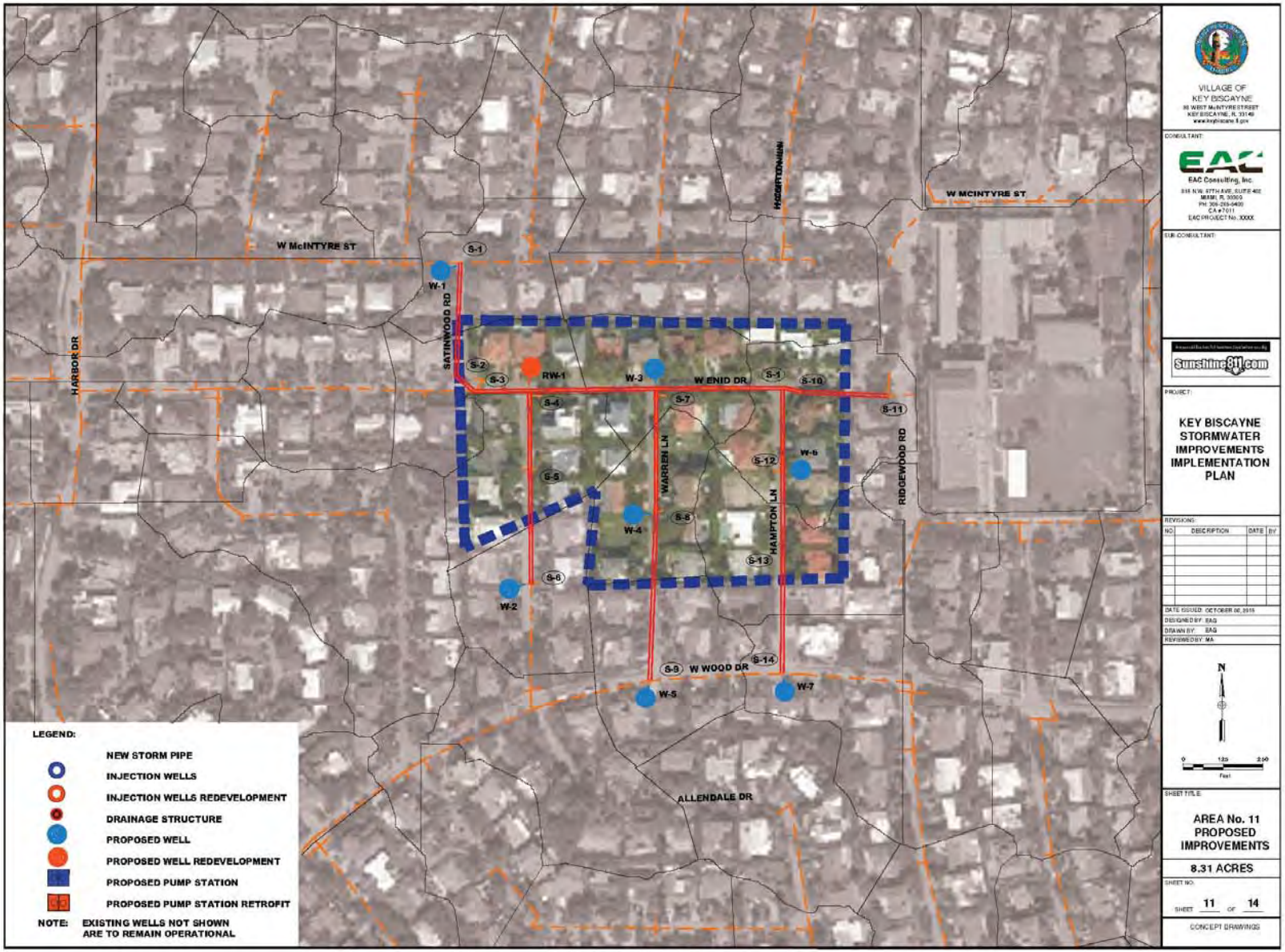
W-9
RW-1
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
VILLAGE OF KEY BISCAYNE
EAC Consulting, Inc.
Sunshine811.com
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
AREA No. 10 PROPOSED IMPROVEMENTS
13.01 ACRES
SHEET 10 OF 14
CONCEPT DRAWINGS


W McINTYRE ST
W MCINTYRE ST
HARBOR DR
SATINWOOD RD
RIDGEWOOD RD
WARREN LN
HAMPTON LN
W ENID DR
W WOOD DR
ALLENDALE DR
W-1
W-2
W-3
W-4
W-5
W-6
W-7
RW-1
S-1
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S-14
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
VILLAGE OF KEY BISCAYNE
EAC Consulting, Inc.
Sunshine811.com
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
AREA No. 11 PROPOSED IMPROVEMENTS
8.31 ACRES
SHEET 11 OF 14
CONCEPT DRAWINGS


W MCINTYRE ST
HARBOR DR
SATINWOOD DR
HAMPTON LN
RW-1
W-1
RW-2
W ENID DR
WARREN LN
HAMPTON LN
S-1
S-2
S-3
S-4
S-5
S-6
S-7
S-8
W WOOD DR
ALLENDALE DR
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
VILLAGE OF KEY BISCAYNE
CONSULTANT:
EAC Consulting, Inc.
SUB-CONSULTANT:
Sunshine811.com
PROJECT:
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
REVISIONS:
NO. DESCRIPTION DATE BY
DATE ISSUED: OCTOBER 06, 2015
DESIGNED BY: EAG
DRAWN BY: EAG
REVIEWED BY: MA
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SHEET TITLE:
AREA No. 14 PROPOSED IMPROVEMENTS
7.35 ACRES
SHEET NO:
SHEET 14 OF 14
CONCEPT DRAWINGS

5.6.12 Area 12 – Palmwood Drive Corridor

This area is approximately 8.85 acres and it is located west of the village. It is bounded to the north by Redwood Lane, to the south and west by Palmwood Lane and to the east by Allendale Road. The proposed design includes (1) improvements to the stormwater conveyance system along Palmwood Lane, (2) Redwood Lane and (3) Allendale Road. The design also proposes (4) redevelopment of one gravity drainage well.

Estimated Number of Households Within Area:
40

Estimate of Probable Cost / Cost per Household:
$280,000 / $7,000

5.6.13 Area 13 - Sabal Drive Corridor

This area is approximately 3.46 acres and it is located west of the village, just east of Harbor Drive. It runs along Sabal Drive starting at West McIntyre Street and ending at Beechwood Drive.The proposed design includes (1) the addition of one gravity drainage well.

Estimated Number of Households Area:
12

Estimate of Probable Cost / Cost per Household:
$60,000 / $5,000

5.6.14 Area 14 - Curtiswood Drive Corridor

This area is approximately 7.35 acres and is located to the west of the village, just east of Harbor Drive. It runs along Curtiswood starting at West Enid Drive and ending just north of Westwood Drive.The proposed design includes (1) improvements to the stormwater conveyance system along Curtiswood Drive, (2) redevelopment of two gravity drainage wells and (3) the installation of one additional gravity drainage well.

Estimated Number of Households Area:
34

Estimate of Probable Cost / Cost per Household:
$170,000 / $5,000


W HEATHER DR
RW-1
S-10
S-9
S-7
S-8
S-6
S-3
S-1
REDWOOD LN
W-1
S-2
PALMWOOD LN
S-5
S-4
HARBOR DR
BEACHWOOD DR
W McINTYRE ST
SATINWOOD DR
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
VILLAGE OF KEY BISCAYNE
EAC Consulting, Inc.
Sunshine811.com
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
AREA No. 12 PROPOSED IMPROVEMENTS
8.85 ACRES
SHEET 12 OF 14
CONCEPT DRAWINGS


LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
W 4
W MCINTYRE ST
HARBOR DR
SATINWOOD DR
VILLAGE OF KEY BISCAYNE
EAC Consulting, Inc.
Sunshine811.com
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
N
AREA No. 13 PROPOSED IMPROVEMENTS
3.46 ACRES
SHEET 13 OF 14
CONCEPT DRAWINGS


W MCINTYRE ST
HARBOR DR
BATENWOOD DR
HAMPTON LN
RW-1
W-1
RW-2
W ENID DR
WARREN LN
HAMPTON LN
S-1
S-2
S-3
S-4
S-5
S-6
S-7
S-8
W WOOD DR
ALLENDALE DR
LEGEND:
NEW STORM PIPE
INJECTION WELLS
INJECTION WELLS REDEVELOPMENT
DRAINAGE STRUCTURE
PROPOSED WELL
PROPOSED WELL REDEVELOPMENT
PROPOSED PUMP STATION
PROPOSED PUMP STATION RETROFIT
NOTE: EXISTING WELLS NOT SHOWN ARE TO REMAIN OPERATIONAL
VILLAGE OF KEY BISCAYNE
EAC Consulting, Inc.
Sunshine811.com
KEY BISCAYNE STORMWATER IMPROVEMENTS IMPLEMENTATION PLAN
AREA No. 14 PROPOSED IMPROVEMENTS
7.35 ACRES
14
CONCEPT DRAWINGS

5.7 Methodology for Prioritization and Ranking of Capital Projects

In light of the funding constraints and to efficiently organize and implement the proposed capital improvements the EAC team has developed an objective ranking methodology to assist the village in the prioritization and allocation of funds. The ranking methodology takes into consideration the following variables.

1. Presence of and/or Proximity to Public Use Facility
2. Depth and Extent of Ponding
3. Susceptibility to Ponding
4. Estimated Cost of Improvements
5. Presence and Extent of Existing Functional Infrastructure
6. Proximity to Functioning Outfall
7. Repetitive Loss Claim / Historical Flooding

Weights are assigned to variables in order of importance to the Village and each of the projects is ranked according to each variable on an ordinal basis. Since there are fourteen (14) projects proposed, the highest ranked project for each variable scores ***14 points*** and the lowest ranked project scores ***1 point***. When the variables are assigned a weight factor, the raw points are multiplied by the the weight factor. In the event of a tie, the next ordinal rank(s) are skipped based on the quantity of ties, i.e. Project A, Project B and Project C are ranked at 12, then the next ranked project is at 9.

Once all the variables are reviewed for all the projects the total allocated points for each project is determined and the ranking or prioritization determined in order of total points for each project. A brief discussion of the variables is provided as follows:

5.7.1 Presence of and/or Proximity to Public Use Facility

Public Use facilities are large traffic generators and should be operable and accessible after reainfall events. Several public use facilities are located within the Key including the K-8 Center, the Fire Station, the Village Green Park and the Village Hall.

5.7.2 Depth and Extent of Ponding

Based on the ponding depths and coverage of ponding as illustrated in Figures 5-5 through 5-8, deeper ponding depths and wider coverages receive a higher points.

5.7.3 Susceptibility to Ponding

Low laying topography areas are susceptible to ponding. The problem areas are ranked in order of exposure to this susceptibility, with points assigned based on how low each problem area's ground elevations are.

5.7.4 Estimated Cost of Improvements

Based on the number of households within a problem area, cost ratio per household is determined based on the estimated cost. Point are allocated based on the lowest cost ratio being the highest prefereed project.

5.7.5 Presence and Extent of Existing Functional Infrastructure

Problem areas with minimal or no existing infrastructure or those with impaired or undersized oinfrastructure reeive a higher ranking than those with currently functioning systems.

5.7.6 Proximity to Functioning Outfall

Problem Areas with no connections to outfalls or further away from outfall locations receive a higher ranking

5.7.7 Repetitive Loss Claims

Areas with repetitive loss claims are ranked higher than those that have no repetitive loss claims.

5.8 Final Ranking Tabulation

Area ID	Name	Presence of and/or Proximity to Public Facility		Depth and Extent of Stages		Susceptibility to Ponding		Estimated Cost of Improvements		Presence and Extent of Existing Functional Infrastructure		Proximity to Functioning Outfall		Repetitive Loss Claims/Historical Flooding		TOTAL	RANKING
Weight of Ranking Variables		*(x2)*		*(x3)*		*(x3)*		*(x5)*		*(x2)*		*(x1)*		*(x2)*			
		Base	*Adjusted*	*Base*	*Adjusted*	*Base*	*Adjusted*	*Base*	*Adjusted*	*Base*	*Adjusted*	*Base*	*Adjusted*	*Base*	*Adjusted*		
A	K-8 School Central Basin	14	28	5	15	13	39	2	10	10	20	14	14	10	20	146	5
B	K-8 School South Basin	12	24	12	36	11	33	3	15	9	18	13	13	8	16	155	4
C	West Heather Dr. Corridor	6	12	11	33	12	36	6	30	12	24	10	10	7	14	159	3
D	Village Green Park	13	26	6	18	10	30	8	40	13	26	12	12	13	26	178	1
E	Holiday Colony	8	16	13	39	14	42	1	5	1	2	4	4	14	28	136	6
F	The Gardens District	11	22	8	24	1	3	14	70	1	2	5	5	3	6	132	8
G	Ocean Lane Dr.	7	14	14	42	1	3	13	65	1	2	4	4	2	4	134	7
H	Harbor Dr. Corridor	1	2	1	3	1	3	7	35	4	8	1	1	4	8	60	14
I	Westwood Dr. Corridor	5	10	4	12	1	3	4	20	5	10	2	2	11	22	79	13
J	Allendale Rd, Warren Ln and Hampton Ln Corridors	10	20	10	30	1	3	5	25	11	22	11	11	9	18	129	10
K	West Enid Dr. Corridor	9	18	7	21	9	27	13	65	6	12	9	9	12	24	176	2
L	Palmwood Dr. Corridor	4	8	9	27	1	3	9	45	14	28	9	9	6	12	132	8
M	Sabal Dr. Corridor	2	4	2	6	1	3	11	55	9	18	7	7	1	2	95	12
N	Curtiswood Drive Corridor	3	6	3	9	1	3	11	55	7	14	7	7	5	10	104	11

6.0 GREEN INFRASTRUCTURE

This section provides a summary of the green infrastructure components, a discussion on the overall environmental benefits of Green Infrastructure (GI) implementation in the stormwater improvements. The narrative provides guidance for future stormwater improvements which will aim at increasing the required storage volume of stormwater on site and accomplishing minimized stormwater discharge through appropriate implementation of GI components. It is anticipated that proposed GI will increase aquifer recharge and enhance water quality treatment, while potentially reducing the conveyance costs by reducing the runoff rates. Additional optimization of the thoroughfare components (pavement, sidewalks, on-street parking) will include gradual implementation of pervious materials where possible.

The implementation of improvements should be able to utilize GI components for stormwater management. The objective of implementation of GI are three fold as follows:

i. Minimize the impervious infrastructure
ii. Increase the surface of pervious areas
iii. Reduce the overall costs of stormwater systems.

6.1 Introduction to Green Infrastructure

Typically, conventional stormwater systems capture the runoff in pipes and culverts route it downstream in the fastest way. The conventional stormwater management system also requires initial storage of the runoff with corresponding storage tanks. In addition to disturbing the natural hydrological cycle, the conventional systems increase the overall costs of site development.

Watersheds contain the human habitat and preservation of the services provided by the watersheds, including water quality and quantity; biodiversity and assimilative capacity are essential for sustainability. The continuous expansion of the infrastructure of human society increases the stress and impacts the natural, sustainable conditions of the watersheds. Minimization of the impact of built environment is critical for maintaining the ecological balance and biodiversity of ecosystems within a watershed. Since watersheds contain the human habitat, the preservation of services (water quality and quantity, biodiversity and assimilative capacity) are essential for sustainability.

Green infrastructure includes strategies for storing the stormwater runoff within each block on site, or route it to a system of centrally located lakes, which reduces the volumes which are discharged off-site. The replacement of impervious with semipervious areas reduce the stormwater run-off during rainfall events which results in reduced peak amplitude and volume of runoff, and increased aquifer recharge. Conversion of green areas to natural preserves and detention areas will increase the local storage and treatment of stormwater. The principles of GI, which will be considered and implemented in this project, offer strategies for minimization of the overall impact of built environment. The tools of Green Infrastructure integrate urban and engineering practices to offer a sustainable framework for development on regional, neighborhood and block scales and to support sustained growth while preserving natural resources; protect biodiversity; reduce pollution and reduce consumption of two resources: energy and land.

Green Infrastructure tools ensure sustainability of watersheds on regional, neighborhood and block levels and prevent disruption and damage in urban/suburban areas, loss of biodiversity, and ecosystem changes. These tools are calibrated with strategies of prioritizing compact and mixed use urban patterns, increased density and walkable urban areas, energy and environmental sustainability. Thus, GI naturally accommodates a broader range of development standards necessary for community-oriented design. The development which uses GI strategies provides better environmental performance in comparison to conventional planning practices which lack connectivity. The main effects of GI applications include enhanced watershed protection, which are accomplished by employing environmental and sustainability concepts to minimize the effects of the impervious surfaces. The proposed GI strategies promote

numerous environmental qualities characteristic and include technologies for preserving the natural hydrological cycle including pervious pavements, light infrastructure, natural drainage, gravel swales and very light infrastructure with reduced amounts of curbs. Furthermore, reduced maintenance is accomplished by using xeriscape and reducing the irrigation, elimination of the pesticides and pollution.

Stormwater quality control measures that incorporate GI principles are placed throughout the site in small, discrete units and distributed near the source of impacts. Green Infrastructure strategies are designed to protect surface and groundwater quality, maintain the integrity of ecosystems, and preserve the physical integrity of receiving waters by managing stormwater runoff at or close to the source. The purpose of Green Infrastructure is to reduce and/or eliminate the altered areas of the post-development hydrograph, by reducing the peak discharge rate, volume, and duration of flow through the use of site design and stormwater quality measures. The benefits of reduced stormwater runoff volume include reduced pollutant loadings and increased groundwater recharge and evapotranspiration rates.

6.2 Green Infrastructure Applications

Increasing the storage and infiltration capacity of soil are the two major aspects of GI applications. On local scale (parcel, block) two main components can be used:

- Stormwater retainage trees and plantings can be implemented to retain certain volume of water during rainfall.
- Rain gardens can be incorporated within the right of way to provide additional storage. For urban settings, rain gardens can be developed using shallow retaining walls. For more rural settings (individual parcels), rain gardens can be implemented as shallow swales planted with native vegetation.

On a larger scale, additional GI components which can be used for stormwater management include natural preserves, lakes, detention ponds and other larger facilities which are mostly implemented out of the right-of-way. In general, GI strategies are designed to use of bioretention/infiltration landscape areas, disconnected hydrologic flow paths, reduced impervious areas, functional landscaping, and grading to maintain natural hydrologic functions that existed prior to development, such as interception, shallow surface storage, infiltration, evapotranspiration, and groundwater recharge. By implementing GI strategies, a project site can be designed to be an integral part of the environment by maintaining undeveloped hydrologic functions through the use of stormwater quality control and storage measures.

Historically, stormwater management systems consist of a network of impervious surfaces that directly convey stormwater runoff to curb and gutter systems, the storm drain conveyance system, and downstream receiving waters. Until recently, conventional storm drain and flood control systems were designed to convey stormwater away from developed areas as quickly as possible to manage the risk of floods for homes and development. In the recent years, GI strategies have been developed for better management of stormwater by increasing the distributed storage within the site to retain and treat fraction of the water on site.

The implementation GI strategies as part of the design improvements for the Village's SWMP implementation is strongly recommended. The benefits encompasses developing a more hydraulically-functional watershed for the Village, helping to maximize the effectiveness of on-site retention, and reducing the adverse effects of street ponding.

6.3 Implementing Green Infrastructure in Stormwater Infrastructure Projects

Green Infrastructure strategies are recommended to be implemented with stormwater improvement projects proposed. They should be implemented on as need and availability basis in accordance with

resultant efficiency and overall environmental effect. For the implementation of GI, the following analytical steps are required:

1. *Topography and Grading*: Topography and grading are important factors to ensure that the distributed storage components provide the storm water storage. The volume of the stormwater which the green components will retain is defined by the topography and geometric configuration.
2. *Soils and Hydraulic Conductivity*: Hydraulic conductivity of the soil layer defines the infiltration rate and the fraction of subsurface storage that will be available during intense rainfall events. Permeability testing at the Village of Key Biscayne site, identified low infiltration rates which indicates that storage in detention areas or lakes would be more appropriate than using dry retention or natural preserves (which rely on high infiltration rates to disperse the accumulated water). Previously collected data shows that the silty soils in the Village occur as deep as 25 feet below ground and the percolation rate of the soil is only 0.0001 cubic feet per second (per square foot per foot of head), which is very slow. This is equivalent to 8.64 ft/day.
3. *Groundwater:* In general, the Village has high groundwater table that may preclude infiltration since there is less than 10 feet of separation between the infiltration surface and the seasonal high groundwater or mounded groundwater level.
4. *Catchments:* The surface drainage patterns were determined from the LiDARr topography. For each stormwater improvement action, the effect of including GI components were analyzed on a catchment scale. During specific design projects all opportunities should be explored to incorporate GI.
5. *Reduce Impervious Surfaces:* Minimizing impervious area will reduce the stormwater runoff coefficient, which is directly proportional to the volume of stormwater runoff that must be retained on-site. Pollutants deposited on impervious areas are easily mobilized and transported by stormwater runoff. Minimizing impervious area is an important method to reducing the pollutant load in stormwater runoff. The following strategies for minimizing impervious areas are recommended:
    - Using the minimum allowable roadway and sidewalk cross sections, driveway lengths, and parking stall sizes.
    - Reducing new building and parking lot footprints. Building footprints may be additionally reduced by building taller.
    - Utilizing pervious pavement material, such as modular paving blocks, turf blocks, porous concrete and asphalt, brick, and gravel or cobble.
    - Maximizing tree preservation or tree planting.
    - Utilizing vegetated swales to convey stormwater runoff instead of paved gutters.

6.4 Summary of Recommendations

The VKB SWMP implantation initiative will be able to utilize to a great extent Green Infrastructure components for stormwater management. The objectives of implementation of GI are two-fold:

i. Minimize the impervious infrastructure by increasing the surface of pervious areas.
ii. Reducing the overall costs by requiring less stormwater infrastructure systems.

Proposed GI will increase aquifer recharge and enhance water quality treatment, while potentially reducing the conveyance costs by reducing the runoff rates. Additional optimization of the thoroughfare elements will include gradual implementation of pervious materials where possible. Typically, conventional stormwater systems capture the runoff in pipes and culverts route it downstream in the fastest way often disturbing the natural hydrological cycle.

GI offers a responsible and environmentally safe approach to managing storm water systems while also maintaining its reliability over prolonged periods of time.

6.5 References

i. New York State Stormwater Management Design Manual, 2015

ii. County of Los Angeles Department of Public Works Standards Manual February 2014 Low Impact Development

iii. Urban Hydrology for Small Watersheds TR-55, June 1986

iv. Light Imprint Handbook: Integrating Sustainability and Community Design, Tom Low, 2010

7.0 CAPITAL IMPROVEMENTS PLAN (CIP)

This section of the technical report provides a recommended approach to the Village in implementing its stormwater infrastructure as described in previous sections.

7.1 Tiered Approach

In light of funding constraints, the EAC team had discussions with the Village staff on developing a practical approach to embarking on the needed improvements within the Key. Implementing a tiered and phased approach to implementing the infrastructure construction, provides the Village with the flexibility to address the identified issues and locations on an immediate basis. This will attain a gradual and steady reduction towards the elimination of stormwater management issues. EAC recommends this phased implementation program to address the identified LOS deficiencies within the Key to commence as funding becomes available.

Accordingly, EAC is proposing two tiers of improvements:

7.1.1 Tier 1 – High Tide Mitigation Program

The Key is low lying and is very much susceptible to the adverse effects of tidal fluctuations in Biscayne Bay. According to the National Oceanic and Atmospheric Administration (NOAA), tides are one of the most reliable phenomena in the world because our ocean waters regularly rise and fall along shores. Tides are very long-period waves created in response to the forces exerted by the moon and sun. These originate in the oceans and present themselves along our nation's coastlines as they manifest as the visual rise and fall of the sea surface. Although this phenomena is a glamorous feature of the environmental, its impacts documented over the years has been adverse in several instances.

VKB's low lying topography and geographic proximity to the bay renders it to the immediate effects of this natural phenomena. Through this course of the assessments undertaken for the SWMP implementation supported by past records, VKB frequently witnesses "ponding" conditions from the horizontal movement of water which often accompanies tidal fluctuations. Even in the absence of rainfall events, there are several locations within the Key that exhibit accumulation of water on the roadways and driveways.

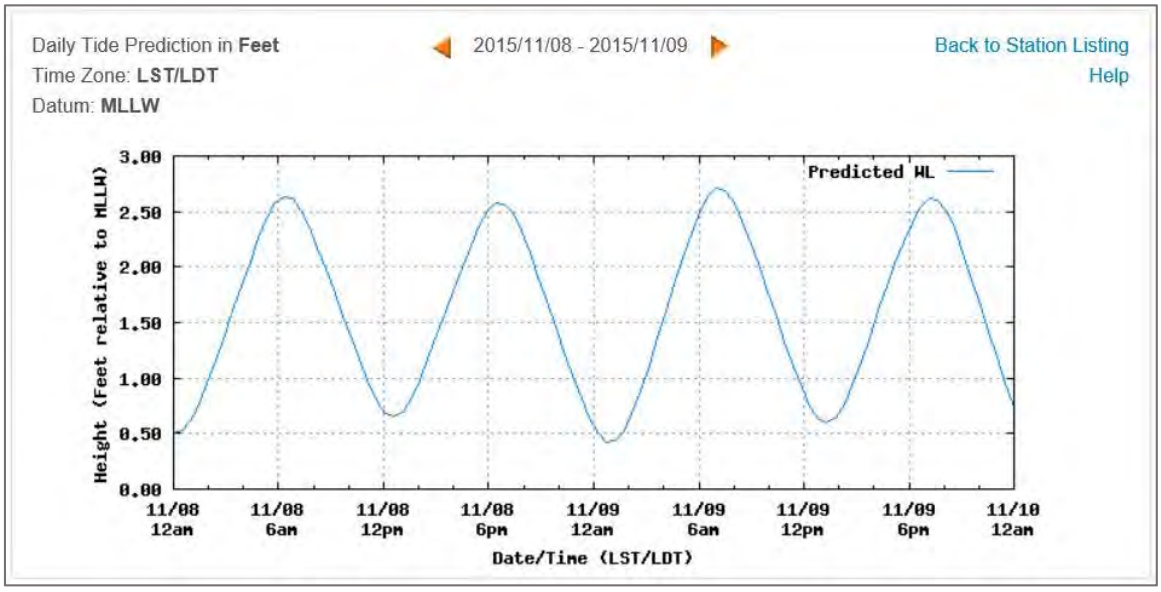

Figure 7-1: Daily High Tide Fluctuation Predication
(Source: http://tidesandcurrents.noaa.gov/tide_predictions.html)

The Tier 1 improvements (also referred to as the High Tide Mitigation Improvements) will involve proposing carefully engineered systems to prevent and/or reduce staging that results from high tides. The high tide mitigation infrastructure will be proposed at twenty (20) identified locations summarized below:

Location	Description	Location	Description
1	Outfall No. 1 – 151 Cape Florida Dr	11	Outfall No. 11 - 700 Harbor Dr.
2	Outfall No. 2 – 103 Cape Florida Dr.	12	Outfall No. 12 – 645 Sunset Circle
3	Outfall No. 3A – 105 Knollwood Dr.	13	Outfall No. 13 – 10 Harbor Point
	Outfall No. 3B – 90 Knollwood Dr.	14	Outfall No. 14 – 460 W. Matheson Dr.
4	Outfall No. 4 – 250 Knollwood Dr.	15	Outfall No. 15 – 540 Harbor Dr.
5	Outfall No. 5 – 950 Harbor Dr.	16	Outfall No. 17–Harbor Dr. (Yatch Club)
6	Outfall No. 6 – 377 W. Mashta Dr.	17	Crandon South 1 (Pines Canal)
7	Outfall No. 7 – 403 W. Mashta Dr.	18	Crandon Blvd / Galen Dr. Intersection
8	Outfall No. 8 – 862 Mariner Dr.	19	Crandon Blvd / E. Heather Dr. Intersection
9	Outfall No. 9 – 631 N. Mashta Dr.	20	Crandon Blvd / Ocean Lane Dr. Intersection
10	Outfall No. 10 – 731 N. Mashta Dr.		

Tier 1 Improvements will focus immediately on these **twenty (20) locations** and shall include implementing a program of installing ground water levels/flow monitoring devices at up to five (5) selected locations within the Village. Continuous surface and groundwater monitoring is proposed to provide information which will be used to better understand the hydrology of VKB in terms of surface and groundwater levels and salt water intrusion. The information which will be obtained from the surface and groundwater monitoring effort will provide long term data which will be used to determine the water level trends within the Key.

7.1.2 Tier 2 – Infrastructure Improvements Program

According to the severity of street staging and ponding depths as well as the levels to which the established LOS standards are not being met, infrastructure improvements comprising of varying measures are proposed as part of the SWMP implementation plan. The improvements proposed are targeted mainly at the conveyance and onsite disposal systems that will provide the needed mitigation to adverse existing conditions. Specific improvements to the collection infrastructure and outfalls are not proposed under Tier 2 due to the EAC team's understanding that those are in significantly better conditions due to VKB's Public Works Department's attentive and responsive maintenance activities. Localized improvements when needed at collection structures will be repaired and/or rectified through the Public Works routine operations program.

7.1.2.1 Conveyance Improvements

Conveyance improvements consist of recommendations made to upgrade existing mainline piping to facilitate both storage and pipe flow regimes throughout the Key. Undersized pipe create bottle necks in the system resulting in inefficient stormwater management and upstream ponding. Pipe size upgrades were recommended within each of the 14 identified improvement areas described in Section 4 and 5 of this report. Included in these improvements is the incorporation of maintenance access structures at predetermined offsets along the alignment of the proposed conveyance mainline improvements.

Control structures are also proposed at strategic locations system-wide to help facilitate the onsite disposal where necessary.

The pipe upgrades recommended consists of 24-inch diameter, 30-inch diameter and 36-inch diameter storm drain pipes. The maintenance structures shall be minimum 48-inch internal diameter or 48-inch square.

7.1.2.2 Disposal Improvements

For stormwater management purposes, drainage wells are proposed to transmit surface water directly into a subsurface non-potable aquifer. Drainage wells are infrastructure utilized to dispose of storm runoff where seepage or transmissivity is very low or non-existent. They are typically utilized and effective east of the Miami-Dade County established "Saltwater Intrusion Line (1000mg/l chloride line)". FDEP and Miami-Dade RER (formerly DERM) maintain jurisdiction over the installation of wells in Miami-Dade County and their regulatory requirements govern the design, permitting, installation and maintenance.

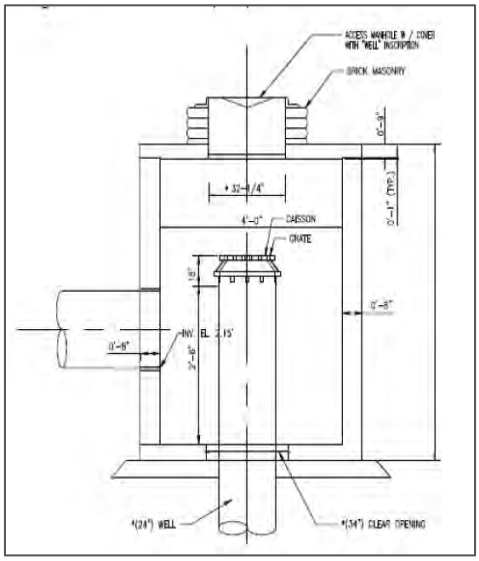

Figure 7-2: Drainage Well Schematic

The design of drainage wells requires hydrologic analyses and determination of the design peak runoff rate of discharge from the project area. In the absence anomalies with the structural integrity of existing infrastructure, the analyses of existing wells will follow the regimen of what would be required for new designs as the analyses. This involves evaluating the catchment area and determining the sufficiency of the existing infrastructure to satisfy prevailing criteria. As part of the implementation of improvements for the VKB SWMP, several existing wells within the Key have been proposed for redevelopment due to their age and long term usage. Drainage well redevelopment is an economical approach to reestablishing disposal capability within existing infrastructure avoiding the need for replacement.

In addition to re-utilizing existing wells either to remain operation or via redevelopment efforts, new gravity based drainage wells are proposed to augment the existing conditions. The new gravity wells will increase the disposal rates currently achieved and will be important in reducing the excess ponding and staging resulting from precipitation. Prior to implementing the design and construction of new wells, a reasonable assurance procedure must be engaged to ensure that the wells are disposing into a non-potable aquifer meeting the thresholds established by FDEP for total dissolved solids (TDS).

7.1.2.3 Pump Stations

The design hydraulic head for gravity drainage wells is limited by the maximum allowable stage upstream of the drainage wells. In locations where the topography is low lying such as in VKB, this hydraulic head is further restricted because of the minimal vertical separation available between the ground elevations and the groundwater table. Factoring system losses, the hydraulic head to facilitate disposal injection becomes significantly reduced. In this instance, it is necessary to introduce an external source to produce the hydraulic head to function. A stormwater pump station equipped with adequately sized pump equipment is utilized for this purpose.

The evaluations conducted recommend pump stations at various locations throughout the Key. Presently the Village owns and maintains two pump stations that are being recommended to be retrofitted from the current above ground pump configuration to a submersible system.

To assure the integrity of the subsurface, FDEP mandates a maximum head at the pumps header at no more than 8.00-foot NGVD29. The design of the stormwater pump station must include this limiting head condition and then evaluated using standard design methods for pump sizing and selection. Various factors that are considered in the pump station calculations include pumps redundancy, electric/power requirements, location, salinity conditions, maintenance needs and screening of solids within the stormwater flow stream.

Complementing the use of pump stations will be the installation of injection wells. Injection wells are "pressurized" wells dispose of storm runoff via injection based on a developed hydraulic head originating from a hydraulic pump system. The design considerations are similar to the gravity wells with the exception of system head being derived based on the pump station characteristics. Several injection wells are recommended for installation throughout the Key.

7.2 Cost Estimates

Budget-level cost estimates were prepared for both the Tier 1 and Tier 2 Infrastructure Improvements as recommended. Costs for furnish and installation inclusive of labor and materials were based on unit pricing data from several sources, including recent Village of Key Biscayne bids, where applicable, FDOT Item Average Unit Costs, and the EAC team's proprietary unit cost records.

To reflect a more representative cost of implementing the improvements, incidental items were added to the breakdown of expenditures. These incidental items include:

1. Incidental Roadway Restoration Costs
2. Incidental Repair to Existing Infrastructure - 25% of probable direct construction cost
3. Mobilization– 8% of probable direct construction cost
4. Insurance & General Conditions - 5% of probable direct construction cost
5. Maintenance of Traffic (MOT) – 5% to10% of probable direct construction cost
6. Permits / Fees - 3% of probable direct construction cost
7. Construction Contingency – 10% to 15% overall costs
8. Engineering Design & Construction Administration Costs – 12% to 15% overall costs
9. CEI Oversight – 10% to 12% overall costs

Based on the cost estimating effort, the projected costs for Capital Improvements based on Year 2015 Dollars is summarized as follows;

Description	Estimated Costs
Tier 1 Infrastructure Improvements	$ 845,519
Tier 2 Infrastructure Improvements	$ 24,018,795
Total Costs	**$ 24, 864,314**

The following pages provide specific cost breakdowns as estimated to accomplish the improvements proposed.

7.3 Tier 1 Improvements – Costs Breakdown (1 of 4)

Item No	Description of Item	Unit	Unit Costs	Location No. 1		Location No. 2		Location No. 3		Location No. 4		Location No. 5	
				Outfall No. 1 151 Cape Florida Dr		Outfall No. 2 103 Cape Florida Dr.		Outfall No. 3A and 3B 90 Knollwood Dr. 105 Knollwood Dr.		Outfall No. 4 250 Knollwood Dr.		Outfall No. 5 950 Harbor Dr.	
				Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs
0001	F&I 12-inch Ø Check Mate In-line Valve	EA	$4,000	0	$0	0	$0	0	$0	0	$0	0	$0
0002	F&I 15-inch Ø Check Mate In-line Valves	EA	$5,200	1	$5,200	0	$0	0	$0	0	$0	1	$5,200
0003	F&I 18-inch Ø Check Mate In-line Valves	EA	$6,525	0	$0	0	$0	0	$0	1	$6,525	0	$0
0004	F&I 24-inch Ø Check Mate In-line Valves	EA	$9,995	0	$0	0	$0	0	$0	0	$0	0	$0
0005	F&I 30-inch Ø Check Mate In-line Valves	EA	$15,000	0	$0	1	$15,000	1	$15,000	0	$0	0	$0
0006	F&I 36-inch Ø Check Mate In-line Valves	EA	$18,750	0	$0	0	$0	1	$18,750	0	$0	0	$0
0007	F&I 48-inch Ø Check Mate In-line Valves	EA	$24,000	0	$0	0	$0	0	$0	0	$0	0	$0
0008	F&I New Storm water Drainage Structure (Complete)	EA	$8,325	0	$0	1	$8,325	2	$16,650	1	$8,325	0	$0
0009	Allowance for Repairs to Existing Infrastructure	LS	25%	1	$1,300	1	$5,831	1	$12,600	1	$3,713	1	$1,300
0010	Roadway Trench Restoration (12-inch Stabilization, 8-inch Limerock, 2-inch AC)	SY	$75	0.00	$0	16.00	$1,200	32.00	$2,400	16.00	$1,200	0.00	$0
0011	Monitoring Stations (Complete Installation)	AS	$16,000	0	$0	0	$0	0	$0	0	$0	0	$0
0012	Mobilization	AL	8%	1	$520	1	$2,429	1	$5,232	1	$1,581	1	$520
0013	Insurance & General Conditions	AL	5%	1	$520	1	$2,429	1	$5,232	1	$1,581	1	$520
0014	Permits / Fees	AL	3%	1	$195	1	$911	1	$1,962	1	$593	1	$195
0015	Maintenance of Traffic	AL	10%	1	$650	1	$3,036	1	$6,540	1	$1,976	1	$650
0016	Construction Contigency Costs	LS	10%	1	$839	1	$3,916	1	$8,437	1	$2,549	1	$839
0017	Engineering Design, Permitting & CA Oversight Costs	LS	15%	1	$1,258	1	$5,874	1	$12,655	1	$3,824	1	$1,258
0018	Construction Engineering Inspections Costs	LS	12%	1	$1,006	1	$4,699	1	$10,124	1	$3,059	1	$1,006
					$11,487		**$53,649**		**$115,581**		**$34,926**		**$11,487**

7.3 Tier 1 Improvements – Costs Breakdown (2 of 4)

Item No	Description of Item	Unit	Unit Costs	Location No. 6		Location No. 7		Location No.8		Location No. 9		Location No. 10	
				Outfall No. 6 377 W. Mashta Dr.		Outfall No. 7 403 W. Mashta Dr.		Outfall No. 8 862 Mariner Dr.		Outfall No. 9 631 N. Mashta Dr.		Outfall No. 10 731 N. Mashta Dr.	
				Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs
0001	F&I 12-inch Ø Check Mate In-line Valve	EA	$4,000	0	$0	0	$0	0	$0	1	$4,000	0	$0
0002	F&I 15-inch Ø Check Mate In-line Valves	EA	$5,200	0	$0	0	$0	0	$0	0	$0	0	$0
0003	F&I 18-inch Ø Check Mate In-line Valves	EA	$6,525	0	$0	0	$0	0	$0	0	$0	0	$0
0004	F&I 24-inch Ø Check Mate In-line Valves	EA	$9,995	0	$0	1	$9,995	0	$0	0	$0	0	$0
0005	F&I 30-inch Ø Check Mate In-line Valves	EA	$15,000	1	$15,000	0	$0	0	$0	0	$0	1	$15,000
0006	F&I 36-inch Ø Check Mate In-line Valves	EA	$18,750	0	$0	0	$0	1	$18,750	0	$0	0	$0
0007	F&I 48-inch Ø Check Mate In-line Valves	EA	$24,000	0	$0	0	$0	0	$0	0	$0	0	$0
0008	F&I New Storm water Drainage Structure (Complete)	EA	$8,325	1	$8,325	1	$8,325	1	$8,325	0	$0	1	$8,325
0009	Allowance for Repairs to Existing Infrastructure	LS	25%	1	$5,831	1	$4,580	1	$6,769	1	$1,000	1	$5,831
0010	Roadway Trench Restoration (12-inch Stabilization, 8-inch Limerock, 2-inch AC)	SY	$75	16.00	$1,200	16.00	$1,200	16.00	$1,200	0.00	$0	16.00	$1,200
0011	Monitoring Stations (Complete Installation)	AS	$16,000	0	$0	0	$0	0	$0	0	$0	0	$0
0012	Mobilization	AL	8%	1	$2,429	1	$1,928	1	$2,804	1	$400	1	$2,429
0013	Insurance & General Conditions	AL	5%	1	$2,429	1	$1,928	1	$2,804	1	$80	1	$2,429
0014	Permits / Fees	AL	3%	1	$911	1	$723	1	$1,051	1	$150	1	$911
0015	Maintenance of Traffic	AL	10%	1	$3,036	1	$2,410	1	$3,504	1	$500	1	$3,036
0016	Construction Contigency Costs	LS	10%	1	$3,916	1	$3,109	1	$4,521	1	$613	1	$3,916
0017	Engineering Design, Permitting & CA Oversight Costs	LS	15%	1	$5,874	1	$4,663	1	$6,781	1	$920	1	$5,874
0018	Construction Engineering Inspections Costs	LS	12%	1	$4,699	1	$3,731	1	$5,425	1	$736	1	$4,699
					$53,649		**$42,592**		**$61,933**		**$8,398**		**$53,649**

7.3 Tier 1 Improvements – Costs Breakdown (3 of 4)

Item No	Description of Item	Unit	Unit Costs	Location No. 11		Location No. 12		Location No. 13		Location No. 14		Location No. 15	
				Outfall No. 11 700 Harbor Dr		Outfall No. 12 645 Sunset Circle		Outfall No. 13 10 Harbor Point		Outfall No. 14 460 W. Matheson Dr.		Outfall No.15 540 Harbor Dr.	
				Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs
0001	F&I 12-inch Ø Check Mate In-line Valve	EA	$4,000	0	$0	0	$0	0	$0	1	$4,000	0	$0
0002	F&I 15-inch Ø Check Mate In-line Valves	EA	$5,200	0	$0	1	$5,200	0	$0	0	$0	0	$0
0003	F&I 18-inch Ø Check Mate In-line Valves	EA	$6,525	0	$0	0	$0	0	$0	1	$6,525	0	$0
0004	F&I 24-inch Ø Check Mate In-line Valves	EA	$9,995	1	$9,995	0	$0	0	$0	0	$0	1	$9,995
0005	F&I 30-inch Ø Check Mate In-line Valves	EA	$15,000	0	$0	0	$0	1	$15,000	0	$0	0	$0
0006	F&I 36-inch Ø Check Mate In-line Valves	EA	$18,750	0	$0	0	$0	0	$0	0	$0	0	$0
0007	F&I 48-inch Ø Check Mate In-line Valves	EA	$24,000	0	$0	0	$0	0	$0	0	$0	0	$0
0008	F&I New Storm water Drainage Structure (Complete)	EA	$8,325	1	$8,325	0	$0	1	$8,325	0	$0	1	$8,325
0009	Allowance for Repairs to Existing Infrastructure	LS	25%	1	$4,580	1	$1,300	1	$5,831	1	$2,631	1	$4,580
0010	Roadway Trench Restoration (12-inch Stabilization, 8-inch Limerock, 2-inch AC)	SY	$75	16.00	$1,200	0.00	$0	16.00	$1,200	0.00	$0	16.00	$1,200
0011	Monitoring Stations (Complete Installation)	AS	$16,000	0	$0	0	$0	0	$0	0	$0	0	$0
0012	Mobilization	AL	8%	1	$1,928	1	$520	1	$2,429	1	$1,053	1	$1,928
0013	Insurance & General Conditions	AL	5%	1	$1,928	1	$520	1	$2,429	1	$733	1	$1,928
0014	Permits / Fees	AL	3%	1	$723	1	$195	1	$911	1	$395	1	$723
0015	Maintenance of Traffic	AL	10%	1	$2,410	1	$650	1	$3,036	1	$1,316	1	$2,410
0016	Construction Contigency Costs	LS	10%	1	$3,109	1	$839	1	$3,916	1	$1,665	1	$3,109
0017	Engineering Design, Permitting & CA Oversight Costs	LS	15%	1	$4,663	1	$1,258	1	$5,874	1	$2,498	1	$4,663
0018	Construction Engineering Inspections Costs	LS	12%	1	$3,731	1	$1,006	1	$4,699	1	$1,998	1	$3,731
					$42,592		**$11,487**		**$53,649**		**$22,813**		**$42,592**

7.3 Tier 1 Improvements – Costs Breakdown (4 of 4)

Item No	Description of Item	Unit	Unit Costs	Location No. 16 Outfall No. 17 Harbor Dr. (Yatch Club)		Location No. 17 Crandon South 1 Pines Canal		Location No. 18 Galen Dr. @ Crandon Blvd		Location No. 19 East Heather Dr. @ Crandon Blvd		Location No. 20 Ocean Lane Dr. @ Crandon Blvd		Villagewide Flow Monitoring Stations	
				Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs
0001	F&I 12-inch Ø Check Mate In-line Valve	EA	$4,000	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0
0002	F&I 15-inch Ø Check Mate In-line Valves	EA	$5,200	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0
0003	F&I 18-inch Ø Check Mate In-line Valves	EA	$6,525	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0
0004	F&I 24-inch Ø Check Mate In-line Valves	EA	$9,995	0	$0	0	$0	1	$9,995	0	$0	1	$9,995	0	$0
0005	F&I 30-inch Ø Check Mate In-line Valves	EA	$15,000	0	$0	0	$0	0	$0	1	$15,000	0	$0	0	$0
0006	F&I 36-inch Ø Check Mate In-line Valves	EA	$18,750	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0
0007	F&I 48-inch Ø Check Mate In-line Valves	EA	$24,000	1	$24,000	1	$24,000	0	$0	0	$0	0	$0	0	$0
0008	F&I New Storm water Drainage Structure (Complete)	EA	$8,325	1	$8,325	1	$8,325	0	$0	1	$8,325	1	$8,325	0	$0
0009	Allowance for Repairs to Existing Infrastructure	LS	25%	1	$8,081	1	$8,081	1	$2,499	1	$5,831	1	$4,580	0	$0
0010	Roadway Trench Restoration (12 inch Stabilization, 8-inch Limerock, 2-inch AC)	SY	$75	16.00	$1,200	16.00	$1,200	0.00	$0	16.00	$1,200	16.00	$1,200	0.00	$0
0011	Monitoring Stations (Complete Installation)	AS	$16,000	0	$0	0	$0	0	$0	0	$0	0	$0	5	$80,000
0012	Mobilization	AL	8%	1	$3,329	1	$3,329	1	$1,000	1	$2,429	1	$1,928	1	$0
0013	Insurance & General Conditions	AL	5%	1	$3,329	1	$3,329	1	$1,000	1	$2,429	1	$1,928	1	$6,400
0014	Permits / Fees	AL	3%	1	$1,248	1	$1,248	1	$375	1	$911	1	$723	1	$0
0015	Maintenance of Traffic	AL	10%	1	$4,161	1	$4,161	1	$1,249	1	$3,036	1	$2,410	1	$0
0016	Construction Contigency Costs	LS	10%	1	$5,367	1	$5,367	1	$1,612	1	$3,916	1	$3,109	1	$8,640
0017	Engineering Design, Permitting & CA Oversight Costs	LS	15%	1	$8,051	1	$8,051	1	$2,418	1	$5,874	1	$4,663	1	$12,960
0018	Construction Engineering Inspections Costs	LS	12%	1	$6,441	1	$6,441	1	$1,934	1	$4,699	1	$3,731	1	$10,368
					$73,531		**$73,531**		**$22,080**		**$53,649**		**$42,592**		**$118,368**

7.4 Tier 2 Improvements – Costs Breakdown (1 of 3)

Item No	Description of Item	Unit	Unit Costs	Area #1		Area #2		Area #3		Area #4		Area #5	
				K-8 School Central Basin		K-8 School South Basin		West Heather Dr. Area		Area West of Vilage Green Park		Holiday Colony	
				Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs
0001	F&I 24-inch Ø Storm Drain" Trunk line"Pipe (HDPE)	LF	$75	8430	$632,250	6760	$507,000	6070	$455,250	6000	$450,000	1205	$90,375
0002	F&I 30-inch Ø Storm Drain" Trunk line"Pipe (HDPE)	LF	$105	0	$0	0	$0	0	$0	0	$0	0	$0
0003	F&I 36-inch Ø Storm Drain" Trunk line"Pipe (HDPE)	LF	$105	0	$0	0	$0	0	$0	0	$0	0	$0
0004	F&I Storm Drainage Structures ("Trunk line")	EA	$4,000	24	$96,000	19	$76,000	17	$68,000	17	$68,000	3	$12,000
0005	F&I Storm Drainage Control Structures ("Trunk line")	EA	$6,500	5	$32,500	4	$26,000	3	$19,500	3	$19,500	1	$6,500
0006	F&I Storm Drainage Disposal Wells	EA	$30,000	4	$120,000	7	$210,000	8	$240,000	6	$180,000	0	$0
0007	F&I Storm Drainage Disposal (Injection) Wells	EA	$40,000	0	$0	0	$0	0	$0	0	$0	4	$160,000
0008	F&I Storm Drainage Disposal (Redvelopment) Wells	EA	$10,000	2	$20,000	1	$10,000	1	$10,000	2	$20,000	0	$0
0009	F&I Storm Drainage Pump Stations, (Complete, New Install)	EA	$750,000	0	$0	0	$0	0	$0	0	$0	0	$0
0010	F&I Storm Drainage Pump Stations, (Retrofit)	EA	$500,000	0	$0	0	$0	0	$0	0	$0	1	$500,000
0011	Allowance for Repairs of Existing Infrastructure (25%)	LS	25%	1	$225,188	1	$207,250	1	$198,188	1	$184,375	1	$192,219
0012	Roadway Trench Restoration (12-inch Stabilization, 8-inch Limerock, 2-inch AC, Pavement Marking)	SY	$45	5620.00	$252,900	4506.67	$202,800	4046.67	$182,100	4000.00	$180,000	803.33	$36,150
0013	Roadway Pavement Improvements (1-inch Milling & 1-inch AC Resurfacing) (incl. Pavement markings /striping)	SY	$15	18733.33	$281,000	15022.22	$225,333	13488.89	$202,333	13333.33	$200,000	2677.78	$40,167
0014	Mobilization	AL	10%	1	$165,984	1	$146,438	1	$137,537	1	$130,188	1	$103,741
0015	Insurance & General Conditions	AL	5%	1	$82,992	1	$73,219	1	$68,769	1	$65,094	1	$51,871
0016	Permits / Fees	AL	3%	1	$49,795	1	$43,932	1	$41,261	1	$39,056	1	$31,122
0017	Maintenance of Traffic	AL	7.5%	2	$124,488	2	$109,829	2	$103,153	2	$97,641	2	$77,806
0017	Construction Contigency Costs	LS	10%	1	$208,310	1	$183,780	1	$172,609	1	$163,385	1	$130,195
0018	Engineering Design & CA Oversight Costs	LS	12%	1	$249,972	1	$220,536	1	$207,131	1	$196,062	1	$156,234
0019	Construction Engineering Inspections Costs	LS	8%	1	$166,648	1	$147,024	1	$138,087	1	$130,708	1	$104,156
					$2,708,025		**$2,389,141**		**$2,243,918**		**$2,124,009**		**$1,692,535**

7.4 Tier 2 Improvements – Costs Breakdown (2 of 3)

Item No	Description of Item	Unit	Unit Costs	Area #6		Area #7		Area #8		Area #9		Area #10	
				The Gardens District		Ocean Lane Dr.		Harbor Dr. Corridor		Westwood Dr. Corridor		Allendale Rd, Warren Ln and Hampton Ln Corridors	
				Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs
0001	F&I 24-inch Ø Storm Drain" Trunk line"Pipe (HDPE)	LF	$75	4850	$363,750	980	$73,500	2075	$155,625	2090	$156,750	5470	$410,250
0002	F&I 30-inch Ø Storm Drain" Trunk line"Pipe (HDPE)	LF	$105	0	$0	0	$0	0	$0	3100	$325,500	0	$0
0003	F&I 36-inch Ø Storm Drain" Trunk line"Pipe (HDPE)	LF	$105	0	$0	420	$44,100	0	$0	0	$0	0	$0
0004	F&I Storm Drainage Structures ("Trunk line")	EA	$4,000	14	$56,000	4	$16,000	6	$24,000	15	$60,000	16	$64,000
0005	F&I Storm Drainage Control Structures ("Trunk line")	EA	$6,500	3	$19,500	1	$6,500	1	$6,500	3	$19,500	3	$19,500
0006	F&I Storm Drainage Disposal Wells	EA	$30,000	0	$0	0	$0	4	$120,000	12	$360,000	8	$240,000
0007	F&I Storm Drainage Disposal (Injection) Wells	EA	$40,000	6	$240,000	3	$120,000	0	$0	0	$0	0	$0
0008	F&I Storm Drainage Disposal (Redvelopment) Wells	EA	$10,000	0	$0	0	$0	2	$20,000	2	$20,000	1	$10,000
0009	F&I Storm Drainage Pump Stations, (Complete, New Install)	EA	$750,000	1	$750,000	0	$0	0	$0	0	$0	0	$0
0010	F&I Storm Drainage Pump Stations, (Retrofit)	EA	$500,000	0	$0	1	$500,000	0	$0	0	$0	0	$0
0011	Allowance for Repairs of Existing Infrastructure (25%)	LS	25%	1	$357,313	1	$190,025	1	$81,531	1	$235,438	1	$185,938
0012	Roadway Trench Restoration (12-inch Stabilization, 8-inch Limerock, 2-inch AC, Pavement Marking)	SY	$45	3233.33	$145,500	653.33	$29,400	1383.33	$62,250	1393.33	$62,700	3646.67	$164,100
0013	Roadway Pavement Improvements (1-inch Milling & 1-inch AC Resurfacing) (incl. Pavement markings /striping)	SY	$15	10777.78	$161,667	2177.78	$32,667	4611.11	$69,167	4644.44	$69,667	12155.56	$182,333
0014	Mobilization	AL	10%	1	$209,373	1	$101,219	1	$53,907	1	$130,955	1	$127,612
0015	Insurance & General Conditions	AL	5%	1	$104,686	1	$50,610	1	$26,954	1	$65,478	1	$63,806
0016	Permits / Fees	AL	3%	1	$62,812	1	$30,366	1	$16,172	1	$39,287	1	$38,284
0017	Maintenance of Traffic	AL	7.5%	2	$157,030	2	$75,914	2	$40,430	2	$98,217	2	$95,709
0017	Construction Contigency Costs	LS	10%	1	$262,763	1	$127,030	1	$67,654	1	$164,349	1	$160,153
0018	Engineering Design & CA Oversight Costs	LS	12%	1	$315,316	1	$152,436	1	$81,184	1	$197,219	1	$192,184
0019	Construction Engineering Inspections Costs	LS	8%	1	$210,210	1	$101,624	1	$54,123	1	$131,479	1	$128,123
					$3,415,919		**$1,651,391**		**$879,497**		**$2,136,538**		**$2,081,991**

7.4 Tier 2 Improvements – Costs Breakdown (3 of 3)

Item No	Description of Item	Unit	Unit Costs	Area #11		Area #12		Area #13		Area #14	
				West Enid Dr. Corridor		Palmwood Dr. Corridor		Sabal Dr. Corridor		Curtiswood Dr. Corridor	
				Quantity	Costs	Quantity	Costs	Quantity	Costs	Quantity	Costs
0001	F&I 24-inch Ø Storm Drain" Trunk line"Pipe (HDPE)	LF	$75	3910	$293,250	810	$60,750	0	$0		
0002	F&I 30-inch Ø Storm Drain" Trunk line"Pipe (HDPE)	LF	$105	0	$0	0	$0	0	$0	0	$0
0003	F&I 36-inch Ø Storm Drain" Trunk line"Pipe (HDPE)	LF	$105	0	$0	0	$0	0	$0	0	$0
0004	F&I Storm Drainage Structures ("Trunk line")	EA	$4,000	11	$44,000	2	$8,000	0	$0	0	$0
0005	F&I Storm Drainage Control Structures ("Trunk line")	EA	$6,500	2	$13,000	0	$0	0	$0	0	$0
0006	F&I Storm Drainage Disposal Wells	EA	$30,000	7	$210,000	1	$30,000	1	$30,000	3	$90,000
0007	F&I Storm Drainage Disposal (Injection) Wells	EA	$40,000	0	$0	0	$0	0	$0	0	$0
0008	F&I Storm Drainage Disposal (Redvelopment) Wells	EA	$10,000	1	$10,000	1	$10,000	0	$0	1	$10,000
0009	F&I Storm Drainage Pump Stations, (Complete, New Install)	EA	$750,000	0	$0	0	$0	0	$0	0	$0
0010	F&I Storm Drainage Pump Stations, (Retrofit)	EA	$500,000	0	$0	0	$0	0	$0	0	$0
0011	Allowance for Repairs of Existing Infrastructure (25%)	LS	25%	1	$142,563	1	$27,188	1	$7,500	1	$25,000
0012	Roadway Trench Restoration (12-inch Stabilization, 8-inch Limerock, 2-inch AC, Pavement Marking)	SY	$45	2606.67	$117,300	540.00	$24,300	0.00	$0	0.00	$0
0013	Roadway Pavement Improvements (1-inch Milling & 1-inch AC Resurfacing) (incl. Pavement markings /striping)	SY	$15	8688.89	$130,333	1800.00	$27,000	0.00	$0	0.00	$0
0014	Mobilization	AL	10%	1	$96,045	1	$18,724	1	$3,750	1	$12,500
0015	Insurance & General Conditions	AL	5%	1	$48,022	1	$9,362	1	$1,875	1	$6,250
0016	Permits / Fees	AL	3%	1	$28,813	1	$5,617	1	$1,125	1	$3,750
0017	Maintenance of Traffic	AL	7.5%	2	$72,033	2	$14,043	2	$2,813	2	$9,375
0017	Construction Contigency Costs	LS	10%	1	$120,536	1	$23,498	1	$4,706	1	$15,688
0018	Engineering Design & CA Oversight Costs	LS	12%	1	$144,643	1	$28,198	1	$5,648	1	$18,825
0019	Construction Engineering Inspections Costs	LS	8%	1	$96,429	1	$18,799	1	$3,765	1	$12,550
					$1,566,967		**$305,478**		**$61,181**		**$203,938**

7.5 Project Phasing

Following the ranking methodology and analyses utilized in Section 5 of this report, EAC recommends that the Village implements a phased implementation of Tier 2 corresponding with the priorities established as well as funding availability. It is imperative for the Village to maintain its focus on implementing the needed solutions to address LOS deficiencies within the Key within the foreseeable future – possibly a time period not exceeding ten years.

To facilitate the VKB's ability to undertake this capital program, external funding must be solicited to augment the internal funding reserves available for these expenditures of this type. Furthermore, the Village may creatively combine storm water improvements with impending or planned roadway improvements to help leverage the multiple funding sources.

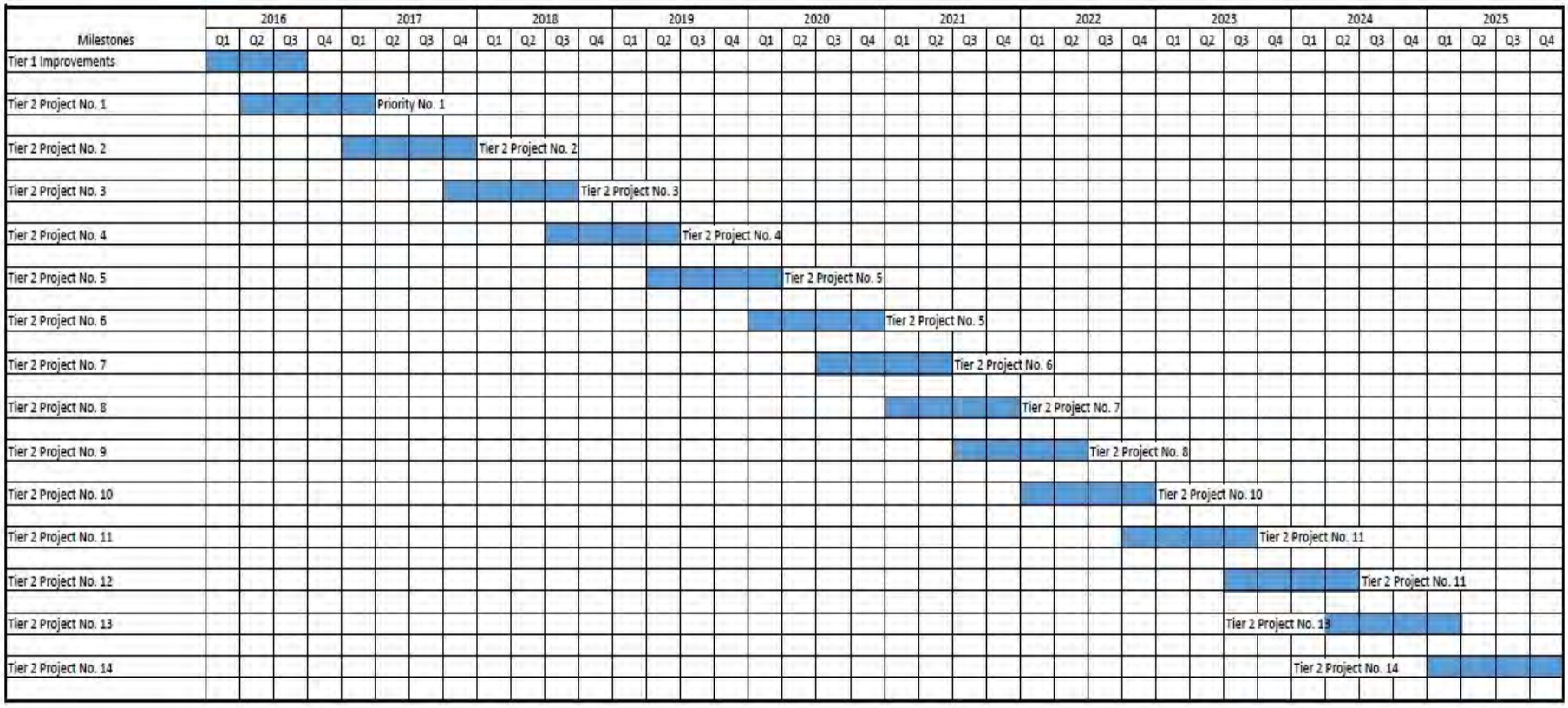

Figure 7-3: Ten Year CIP Schedule

8.0 PUBLIC OUTREACH

This section of our technical report provides a detailed description of of the public information methodology executed as part of Task 1 of the Village of Key Biscayne's Project Implementation for Stormwater Infrastructure Improvements. This section also provides a narrative of a recommended action plan for interfacing and facilitation resident involvement and feedack toward implementing proposed infrastructure design and construction packages for various locations within the Key.

8.1 Task 1 - Public Outreach Approach

The main objectives of the public involvement effort for Task 1 were to educate the public on what is involved in the initial analysis performed for the SWMP and to garner feedback from residents about their experience(s) with flooding which can be used to address impacts within future design plans.

EAC Consulting, Inc serving as an extension of staff to the Village of Key Biscayne (VKB) and as a liaison between the Village staff and residents, worked in coordination VKB staff to ensure the Village residents received information on the project in a timely manner and in a method that would actively engage residents, keeping in mind their various lifestyle patterns.

During Task 1, the project team proposed to the Village staff various strategies to disseminate vital information at little to no cost to the Village and to establish a single point of contact that could answer stakeholder questions and alleviate their concerns. A public involvement implementation plan technical memorandum was submitted to the Village in July 2015. The plan included the activities listed below that were implemented to inform residents of the work being performed on the management plan and to generate interest for and encourage the participation and attendance at the community workshop.

8.1.1 Notifications

Notifications were performed utilizing various methods:

- ***The Islander News:*** The project team drafted the notification for the October public workshop and submitted to The Islander News, not only to advertise the workshop but, to also provide the Editor with current information to be including in informational news briefs.

  EFFECT: An advertisement for the meeting was successfully placed and write-up for the project was also published by The Islander on behalf of the project. This method will be used for future work involving locations where proposed improvements are to be constructed.

- ***E-mail Blasts***: Email correspondence was sent to residents by the Village staff. This method allows for notifications to be sent quickly and is the most cost efficient method for informing residents of important information and providing updates.

  EFFECT: Notices were sent to residents listed within the database. It is suggested that the Village IT staff provide analytics on the number of residents reached to determine the success of this method and if this method will be used for future work involving locations where proposed improvements are to be constructed.

- ***Homeowner / Condominium Association Newsletters/Websites:*** The project team proposes that homeowner / condo association (HOA) representatives be personally engaged to assist with distribution of all notifications through their current database of members.

***EFFECT*:** The EAC team encourages the Village to promote specific outreach, when appropriate, to HOA representatives to foster more participation at the workshops held for future work involving locations where proposed improvements are to be constructed.

- ***Resident Surveys***: Resident surveys are useful in gaining information on an individual basis. Surveys allow property owners to share their unique experience and have an outlet to provide details specific to how they are affected. The EAC team can benefit from gaining this information early in the design process from those most impacted by flooding. EAC can also use this information to gauge and guide public expectations of the outcome of this initiative.

  ***EFFECT*:** The EAC team recommends to the Village to issue surveys to residents to gain vital feedback for use on future work involving locations where proposed improvements are to be constructed. This is important in order for Village staff and EAC to be able to address concerns prior to upcoming public workshops.

- ***Fact Sheets:*** A fact sheet, germane to all proposed work locations should be prepared for use within each respective location for use at future public workshops. Information should be updated as needed throughout the life of the project.

  ***EFFECT*:** The EAC team can develop this document on behalf of the Village and disseminate electronically on an intermittent basis to keep residents engaged in the process during future work involving locations where proposed improvements are to be constructed.

8.1.2 Website / Webpage

The EAC team developed updates for the Village website, which were approved by Village staff and disseminated through the Village's Information Technology Department. The updates were used to advise property owners and other stakeholders of the progress of the overall project and to provide notification on the October 6th public workshop. In future work involving locations where proposed improvements are to be constructed, updates and notifications should utilize this platform.

The project team will continue to prepare website content and suggests using the website for future updates. Though the phone line has not yet been established, the project team will recommend for use to share information to include any necessary construction alerts during future work involving locations where proposed improvements are to be constructed.

8.1.3 Dedicated Phone Line / Response Center

Additionally, the EAC team recommends that the Village set up a phone line specific to the stormwater improvements initiative for use by residents to share comments and have any individual concerns addressed personally and directly.

8.1.4 Social Media

Social media has been very useful through Task 1. The EAC team is confident that it will continue to be help through the future phases of this initiative. Social Media is a powerful tool in announcing public meetings, issuing emergency correspondence and obtaining stakeholder feedback. The EAC team worked with the Village Web Manager by developing content and providing a dissemination schedule for Facebook posts.

8.1.5 Community Outreach Workshop

The first Community Outreach Workshop to solicit public input from potentially affected property owners was hosted on October 6, 2015. In keeping with past workshops, this workshop was held in the Village Council Chambers. Notifications were drafted and sent to Village staff for review, approval and dissemination. The project team coordinated with local newspaper "The Islander News" and a notice was advertised as well as informational columns regarding the status of the storm water improvements initiative. Property owner notifications were disseminated via electronic distribution using the Village's existing database.

This workshop was used as a *MODEL/TEMPLATE f*or subsequent planned workshops.

As with the October 6th workshop, future workshops will involve EAC's responsibility of covering location, logistics (set up, break down), meeting collaterals (any handouts such as fact sheets and newsletters, sign in sheets, etc.) and the preparation of meeting summation/records.

8.2 Summary

The goals of the outreach plan were met with satisfactory results, however, the use of a variety of traditional and cost effective public involvement methods provided below average results. Though participation at public workshops is not a true gauge of stakeholder interest (as workshops dates and times may not be convenient for residents or may conflict with other local events),the project team strongly feels that additional efforts should be executed and a strong public education campaign should be developed for future work involving locations where proposed improvements are to be constructed.

APPENDIX A

VKB SWMP Implementation
Technical Memorandums

Technical Memorandum No.1
Public Outreach and Involvement Methodology

Technical Memorandum No. 1

Public Outreach & Involvement Methodology

DATE: July 9th, 2015

TO: Tony Brown, Village of Key Biscayne Public Works Department
Jose Lopez, Village of Key Biscayne Public Works Department

FROM: Michael Adeife, P.E., Project Manager, EAC Consulting, Inc.
Michelle Simmons, Senior Public Information Officer, Media Relations Group, LLC

SUBJECT: Village of Key Biscayne – Implementation of Storm water Master Plan (SWMP)

This technical memorandum provides a detailed description of the public information methodology to be executed as part of the Village of Key Biscayne's project implementation for storm water infrastructure improvements.

1.0 Background

The Village of Key Biscayne (VKB) Council and staff as a result of RFQ 14-02 contracted EAC Consulting, Inc. (EAC), to perform the requisite services to plan, engineer and administer the construction of the needed infrastructure improvements consistent with the Village's Storm water Masterplan. This effort is primarily goaled at protecting the village's residents and business owners from unnecessary flooding and promoting a higher standard of living and storm water serviceability for all the Village's stakeholders.

The implementation of the Village's SWMP ("the project)" has two main task elements:

1. Hydraulic and Hydrologic Analyses and Evaluation of VKB's Storm Watershed.
2. Engineering Design and the Development of Construction Documents for Priority Basins.

Task 1 - Hydraulic and Hydrologic Analyses and Evaluation of VKB's Storm Watershed includes all necessary engineering and technical services to successfully perform the analyses of storm water infrastructure existing village wide currently under the jurisdiction and ownership of the Village (Public Works Department). The effort requires incorporating recent infrastructure improvements undertaken by the Village, updating the existing SWMP to reflect more accurate representative data and other updates the watershed as reflected in new information collected from various sources. In addition, opportunities to incorporate green infrastructure as part of the overall storm water management plan will now be explored in an effort to streamline the amount of new infrastructure required to address determined deficiencies. The Task 1 effort is necessary to properly determine the extent of improvements required consistent with the proposed implementation tasks identified in VKB's RFQ document.

This effort will also incorporate the required sea level rise considerations that will ensure that proposed improvements are sustainable for the next 25 years (YR 2040) and adequate enough to mitigate storm events consistent with current regulatory and jurisdictional standards.

2.0 Public Outreach Approach

The key goals of the public involvement effort for Task 1 will be to educate the public on what is involved in the initial analysis performed for the SWMP and to garner feedback from residents about their experiences with flooding which can be used to address impacts within future design plans.

The project team will serve as an extension of staff to the Village of Key Biscayne and as a liaison between the Village staff and Village residents. The EAC team will work in coordination with Mariana Dominguez-Hardie, VKB's CRS Coordinator to ensure the Village and its residents receive information that are timely and in a method that actively engages residents, keeping in mind their various lifestyle patterns.

Maintaining open lines of communication between residents, business owners and other key stakeholders is crucial to a successful public outreach campaign. During Task 1 and all subsequent Tasks, the project team will identify strategies to disseminate vital information at little to no cost to the Village and to establish a single point of contact that can answer stakeholder questions and alleviate their concerns. Using traditional public outreach techniques along with newer technology strategically, the outreach staff will assist the design team in its fact finding efforts which will be critical during Task 1.

The various outreach activities listed below will be implemented:

2.1 Community Outreach Workshop

A Community Outreach Workshop to solicit public input from potentially affected property owners will be hosted by officials of VKB supported by the EAC team. In keeping with past workshops, this workshop will be held in the Village Council Chambers. Once the date has been confirmed, notifications will be drafted and sent to Village staff for review and approval. The project team will coordinate with local newspaper "The Islander News" to arrange for notice placement in weekly publications (Thursdays) as well as informational columns regarding the status of the project. This workshop will be used as a **MODEL/TEMPLATE** for subsequent planned workshops. After this workshop the EAC project team will work with the Village to define an action plan for the remaining high priority areas, area by area. As part of the EAC team, Media Relations Group (MRG) will tasked with the responsibility for workshop location logistics (set up, break down), meeting collaterals (any handouts such as fact sheets and newsletters, sign in sheets, etc.) and the preparation of meeting summation/records. Property owner notifications will be disseminated via electronic distribution. The project team will work with the Village and distribute using its existing database.

2.2 Community Outreach Notifications

The Islander News: MRG will work with The Islander News, not only to advertise the public meeting but to also provide the Editor with current information to be including in informational news briefs.

E-mail blasts: To ensure a cost effective process of notification, the EAC team will primarily correspond with residents via email. This method can be used to announce the public workshops, and in the future issue emergency correspondence and obtain stakeholder feedback.

Homeowner Association Newsletters/Websites: HOA or Condominium Association representatives will be engaged to assist with distribution of all notifications through their current database of members.

Resident Surveys: Resident surveys can be useful in gaining information on an individual basis. Surveys allow property owners to share their unique experience and have an outlet to provide details specific to how they are affected. During Task 1, it will be vital to gain this information early from those most impacted by flooding. The project team will also use this information to gauge and guide public expectations of the outcome of this project.

Fact Sheets: A fact sheet will be prepared which will be germane to all basins and used for each area and at each of the eight public workshops. Information will be updated as needed throughout the life of the project. This document will be shared with all concerned stakeholders and interested parties.

2.3 Village Website and Project Phone Line

The project team will develop periodic updates, for approval by the Village staff and dissemination through the Village's Information Technology Department for posting. These updates will be used to advise property owners and other stakeholders of the progress of the overall project and details of any necessary construction alerts. This effort, used during Task 1, will serve as back up support to other workshop notifications. Additionally, the EAC project team will request that the Village set up a phone line specific to this project for use by residents to share comments and have any individual concerns addressed.

2.4 Village Phone Line / Message Repository

The EAC project team will request that the Village set up a phone line specific to this project for use by residents to share comments and have any individual concerns addressed.

2.5 Social Media

Social media will be very helpful throughout the life of the project. It can be used to announce public meetings, issue emergency correspondence and obtain stakeholder feedback. The Village has the option of serving as the administrator of the accounts, with the EAC team uploading messages, while tracking and monitoring comments. To assist in managing public opinion, comments can be kept private. The project team will work with the Village Web Manager on this effort.

Technical Memorandum No.2
Level of Service (LOS) & Applicable Criteria

Technical Memorandum No. 2

Level of Service (LOS) & Applicable Criteria

DATE: July 9th, 2015

TO: Tony Brown, Village of Key Biscayne Public Works Department
Jose Lopez, Village of Key Biscayne Public Works Department

FROM: Michael Adeife, P.E., Project Manager, EAC Consulting, Inc.

SUBJECT: Village of Key Biscayne – Implementation of Storm water Master Plan (SWMP)

This technical memorandum provides a detailed description of the Village's expectations as it relates to the level of service anticipated for storm water infrastructure under its jurisdiction as well as pertinent and applicable criteria and guidelines governing the levels of operational performance.

1.0 Background

The Village of Key Biscayne (VKB) Council and staff as a result of RFQ 14-02 contracted EAC Consulting, Inc. (EAC), to perform the requisite services to plan, engineer and administer the construction of the needed infrastructure improvements consistent with the Village's Storm water Masterplan. This effort is primarily goaled at protecting the village's residents and business owners from unnecessary flooding and promoting a higher standard of living and storm water serviceability for all the Village's stakeholders.

The implementation of the Village's SWMP ("the project)" has two main task elements:

1. Hydraulic and Hydrologic Analyses and Evaluation of VKB's Storm Watershed.
2. Engineering Design and the Development of Construction Documents for Priority Basins.

Task 1 - Hydraulic and Hydrologic Analyses and Evaluation of VKB's Storm Watershed includes all necessary engineering and technical services to successfully perform the analyses of storm water infrastructure existing village wide currently under the jurisdiction and ownership of the Village (Public Works Department). The effort requires incorporating recent infrastructure improvements undertaken by the Village, updating the existing SWMP to reflect more accurate representative data and other updates the watershed as reflected in new information collected from various sources. In addition, opportunities to incorporate green infrastructure as part of the overall storm water management plan will now be explored in an effort to streamline the amount of new infrastructure required to address determined deficiencies. The Task 1 effort is necessary to properly determine the extent of improvements required consistent with the proposed implementation tasks identified in VKB's RFQ document. . This effort will also incorporate the required sea level rise considerations that will ensure that proposed improvements are sustainable for the next 25 years (YR 2040) and adequate enough to mitigate storm events consistent with current regulatory and jurisdictional standards.

To accurately closely simulate, represent and define the storm water management & flooding conditions as determined through hydraulic and hydrologic modeling analyses, it is imperative to establish acceptable levels of service (LOS) criteria and standards. These criteria will be based on applicable jurisdictional regulations maintained within the State of Florida and Miami Dade County. Furthermore, these criteria and conditions will those developed specific to the Village of Key Biscayne as mandated by the Village's Public Works Department. The established LOS will be utilized as the benchmark for determining deficiencies in the VKB's infrastructure system and for proposing infrastructure improvements in areas where deficiencies are identified.

2.0 Level of Service (LOS) and Applicable Criteria

The primary purposes of LOS criteria are to protect public safety and property. The existing land uses in the Village are defined predominantly by location west or east of Crandon Boulevard. To the west, there exists a large cluster of single family homes, a public recreational area, an elementary school centrally located within the neighborhood and commercial development along Crandon Boulevard. To the east, the land use is primarily multi-family high-rise residential, with some hotel/ commercial development as well as an area designated as single family between East Drive and north of Galen Drive.

As noted in the 2011 SWMP, the village is considered completely developed for the purpose of this storm water evaluation process and future land use changes will considered with negligible variation.

The establishment of LOS for the purpose of this effort is aimed at ensuring that all roadways are maintained for general use, evacuation routes passable for emergencies during high precipitation events and to ensure that infrastructure are in place to control flood stages below homes and buildings as practicable. The LOS criteria will be used to identify and define potential problem after performing all hydraulic and hydrologic calculations and analyses. As previously mentioned, once areas of deficiencies are identified, the LOS criteria will then be used again to evaluate the effectiveness of proposed infrastructure improvements.

The adopted LOS criteria will play a significant role in the capital improvements proposed as they will directly affect the size and cost of proposed infrastructure improvements.

All of the village's current storm water management LOS as established in the 2011 SWMP will be maintained with several modifications for to ensure congruency with applicable jurisdictional guidelines.

Variations have also be made in part based on:

A. Input from the Village's Public Works Department
B. New & updated Hydraulic &Hydrologic (H&H) data
C. Current conventional storm water drainage design practices

The LOS and Criteria established for this evaluation is outlined as follows;

1. The land area encompassed by the public rights-of-way plus an additional 25 feet on either side of each roadway. The 2011 SWMP update limited this criteria to 15 feet on either side of each roadway.
2. The vertical datum for elevation references will be the datum referenced will be the North American Vertical Datum of 1988 (NAVD 88).
3. Consistent with the 2011 SWMP update, all analyses and design evaluations for the Village's storm water management infrastructure shall utilize high tidal elevations in the bay as the tail water condition(s) for the Hydraulics and Hydrologic model. For specificity purposes, this value has been will be determined based on sea level rise considerations derived as part of the analyses procedures. The basis for the determined values will be documented in the H&H Analyses Technical Memorandum.
4. The South Florida Water Management District (SFWMD) standard rainfall and distribution curves for the various storms will be utilized as required for the H&H Analyses.
5. Peak elevations and flows will be determined for each of the basins within VKB's storm water watershed model for the following design storm events for the following events:
    a. 5-year, 72-hours
    b. 10-year, 72-hours
    c. 25-year, 72-hours
    d. 100-year,72-hours

6. Roadway Flooding Criteria : Miami-Dade County RER criteria shall be adhered to requiring the following:

Design Storm Frequencies and Flood Limits		
Roadway Location & Type	Rainfall Frequency	Flood Limits
Residential and Commercial Areas	5-year	To Crown of Street or within 15 feet of dwelling or occupied building
2-Lane Roads in Residential Areas	5-year (10-year for Bridges)	To Crown of Street or within 15 feet of dwelling or occupied building
4-Lane Roads in High Traffic & Density Areas	10-year	To outer edge of Traffic Lanes

7. Other Applicable Criteria:

Design Storm Frequencies and Flood / Discharge Limits		
Roadway Location & Type	Rainfall Frequency	Flood / Discharge Limits
Building Pad /Finish Floor Protection	100-year	Shall not exceed minimum Building Finish Floor Elevation
Outfall Discharges	25-year	Shall not exceed existing discharge rates or established conditions

8. State surface water quality standards as set forth in Chapters 62-4 and 62-302, F.A.C., including the anti-degradation provisions of paragraphs 62-4.242(1)(a) and (b), 62-4.242(2) and (3), F.A.C., and Rule 6 2-302.300, F.A.C., and the special standards for Outstanding Florida Waters and Outstanding National Resource Waters set forth in subsections 62-4.242(2) and (3), F.A.C and the groundwater standards in Chapters 62-520 and 62-550 F.A.C. For design purposes, the volume of runoff to be treated from a site shall be determined by the type of treatment system.

   In general, pollution abatement shall be accomplished by requiring storm water management systems to retain or detain with filtration, the run-off generated from the first inch of rainfall on developed sites, or 2.5 inches of run-off generated over the entire site for the percentage of imperviousness on the site, whichever is greater.
9. Water Quantity standards shall be in accordance with SFWMD and Miami Dade RER regulatory requirements.
10. Underground Injection Discharge: The Florida Department of Environmental Protection (FDEP) regulates underground discharge via pressurized or gravity drainage wells through its Underground Injection Control (UIC) program. Wells can only discharge into or above an aquifer that contains a total dissolved solids concentration of less than 10,000 milligrams per liter. For the purposes of these analyses and evaluation the following will be maintained:
    a. All existing wells are assumed to comply with this criteria. Drainage Well evaluation efforts will be required for each priority basin for design purposes and appropriate adjustments made during Task 2 of the SWMP Implementation effort.
    b. Existing wells will be assumed to function at only ***75%*** of the estimated capacities to reflect long term usage.
    c. Within the H&H model, drainage well capacities shall be updated based on all recent well redefinition efforts undertaken by the Village's Public Works Department.

d. In the absence of field measured well capacities, all drainage wells capacities shall default to a determined well capacity estimated by local hydrogeologists familiar with the Village of Key Biscayne and other County barrier municipalities.

11. Existing Basins as delineated in the 2011 SWMP update (identifying 14 separate individual basins) will be maintained. However LIDAR information obtained from the County will be utilized to verify the delineations and applicable adjustments made to reflect topography information.
12. Positive Discharge: All existing outfalls will be field verified by the Village Public Works department prior to finalization of the H&H Analyses & Evaluation process. The results of the findings shall be appropriately incorporated into the effort.
13. Pipe Hydraulic Opening Reduction: All existing cast iron / metal piping that have recently undergone rehabilitation via pipe lining, shall have their respective hydraulic opening appropriately reduced to reflect loss of area. All other existing cast iron/metal pipes within the system will assumed to have lost 50% of the hydraulic opening due to the expected degradation of this pipe material under the subsurface ground water conditions within the Village. The City will implement a capital program that involves relining all metal pipes village-wide.
14. Monitoring Stations: Establishing monitoring locations or stations for groundwater elevations as well above ground flooding information. The EAC team will coordinate this effort with Mission Communications, Inc.
15. It is assumed that for this effort, the storm water infrastructure and hydraulic inter-connectivity presented in the 2011 SWMP update is accurate. No revisions or changes will be proposed to the existing interconnections for the purpose of analyzing existing conditions.
16. Pump Stations: To facilitate the ability of underground injection wells to function in low lying areas, the Village is amenable to evaluating the use of pumps to enable and expedite flows to the non-potable aquifer. The Village's preference for pump stations is for proposed systems to be submersible, duplex and capable of long term use in salt water conditions.
17. Backflow Prevention: The analyses will factor in the placement of conventional back flow prevention devices, specifically at the outfalls and at points of interconnection the central storm water trunk system along Crandon Boulevard. Where the analyses reveals adverse effects due to the incorporation of these devices, the EAC Team will recommend eliminating from proposed infrastructure designs.
18. Green Infrastructure: The project will take into consideration implementation of "Green Infrastructure" where opportunities exist. The use of "Green Infrastructure" will provide better long term planning strategy which is environmentally conscious and results in lower capital and maintenance costs. A toolbox of "Green Infrastructure" components will be developed for this project and will integrate urban and engineering practices to provide overall better preservation of the existing site hydrology by reducing the runoff volume and peak flows while increasing aquifer recharge, reducing pollution, reducing the impacts of Sea Level Rise and climate change and associated mitigation costs. The toolbox will include cost efficient components for increasing the storage and infiltration of storm water, reducing the paved surfaces and improving the conveyances.
19. Key Colony: For the purpose of analyses, no impacts resulting from Key Colony will be included since the Condominium has hired an engineering firm to design improvements (including wells redevelopment) to limit flows from Key Colony across the Sonesta Drive wall. The EAC team will coordinate with the engineer for this project to ensure that this conditions are maintained.

Technical Memorandum No.3
Data Collection

Technical Memorandum No. 3

Data Collection

DATE: July 14th, 2015

TO: Tony Brown, Village of Key Biscayne Public Works Department
Jose Lopez, Village of Key Biscayne Public Works Department

FROM: Michael Adeife, P.E., Project Manager, EAC Consulting, Inc.

SUBJECT: Village of Key Biscayne – Implementation of Storm water Master Plan (SWMP)

This technical memorandum provides a detailed description of the efforts undertaken in gathering and collecting data, materials, and other relevant information required for the analyses of the Village's storm water infrastructure system. The data collection is both an important and integral task towards embarking on the implementation of infrastructure repairs, rehabilitation, replacements and improvements as needed for improving and optimizing the Village's storm water management systems.

1.0 Background

The Village of Key Biscayne (VKB) Council and staff, as a result of RFQ 14-02, contracted EAC Consulting, Inc. (EAC) to perform the requisite services to plan, engineer, and administer the construction of the needed infrastructure improvements consistent with the Village's Stormwater Master Plan (SWMP). This effort is primarily goaled at protecting the Village's residents and business owners from unnecessary flooding and promoting a higher standard of living and storm water serviceability for all of the Village's stakeholders.

The implementation of the Village's SWMP has two main task elements:

1. Hydraulic and Hydrologic Analyses and Evaluation of VKB's Storm Watershed.
2. Engineering Design and the Development of Construction Documents for Priority Basins.

Task 1 - Hydraulic and Hydrologic Analyses and Evaluation of the Village's Storm Watershed includes all necessary engineering and technical services to successfully perform the analyses of the Village-wide existing stormwater infrastructure currently under the jurisdiction and ownership of the Village's Public Works Department. This effort requires incorporating recent infrastructure improvements undertaken by the Village, updating the existing SWMP to reflect more accurate representative data, and other updates to the watershed as reflected in new information collected from various sources. In addition, opportunities to incorporate green infrastructure as part of the overall SWMP will now be explored in an effort to streamline the amount of new infrastructure required to address identified deficiencies. The Task 1 effort is necessary to properly determine the extent of improvements required consistent with the proposed implementation tasks identified in the Village's RFQ document. This effort will also incorporate the required sea level rise (SLR) considerations that will ensure that proposed improvements are sustainable for the next 25 years (YR 2040) and adequate enough to mitigate storm events consistent with current regulatory and jurisdictional standards.

The analyses to be performed under Task 1 will take into consideration the elements and components of the existing system within the Village including but not limited to collection drainage structures, conveyance pipes, outfall structures, system junctions, and disposal infrastructure. The analyses also must consider the hydrologic conditions within the Village such as topography, ground cover, location,

and characteristics of water bodies, ground water, rainfall amounts/patterns, and other pertinent specific local conditions including vulnerability to high tides and SLR.

2.0 Data Gathering Sources

The data collection efforts encompassed a coordinated streamlined approach that involved reaching out to several entities with jurisdiction or that maintain existing records or have been tasked by VKB with the responsibility to handle certain functions on the Village's behalf. The following entities were contacted and coordinated with:

i. Village of Key Biscayne – Public Works Department
ii. Tetra Tech, Inc
iii. Jaffer Well Drilling, A Division of A.C. Schultes of Florida, Inc
iv. Layne Inliner Products
v. A&A Drainage, Inc
vi. Florida International University (FIU)
vii. Federal Emergency Management Agency (FEMA) - National Flood Insurance Program
viii. Florida Department of Transportation (FDOT)
ix. Florida Department of Environmental Protection (FDEP) (Underground Injection Control Program)
x. Miami-Dade County Regulatory and Economic Resources (RER)
xi. Miami-Dade Public works & Waste Management (PWWM)
xii. Miami-Dade County Information Technology Department (ITD)
xiii. South Florida Water Management District (SFWMD)
xiv. National Oceanic and Atmospheric Administration (NOAA)
xv. United States Army Corps of Engineers (USACE)
xvi. United States Geological Survey (USGS)
xvii. Pollution Elimination Corporation (PELCO)
xviii. MODUS

3.0 Data Collection

The following subsections detail the items collected under this data collection task.

3.1 VKB Public Works Inventory & Worksheets

The Village also provided an Existing Drainage Structure Inventory excel spreadsheet documenting what appears to be the assumptions used for the development of the InfoSWMM model network and a Permitted Outfall inventory table identifying all of the Villages permitted outfalls which the Village is in the process of inspecting.

3.2 VKB Public Works - Stormwater Improvement Project As-Builts

The Village provided as-builts for the *Stormwater Improvement Plan Basins 1-8 and Water Distribution Improvements* project showing a submitted date of 8/14/1996 on the cover of the digital set provided. These as-builts are for an extensive stormwater improvement project throughout the Village. It is understood that these as-builts were the initial basis for the GIS based stormwater infrastructure feature classes available from the Village and currently maintained by Tetra Tech.

It is our understanding that that the Village will provide additional design and as-built records for other completed or ongoing projects within the Village.

These items will be evaluated for inclusion into the InfoSWMM model update to be performed by the EAC Team for this project.

3.3 2011 Stormwater Master Plan Report & Models

The existing 2011 SWMP Update developed by Tetra Tech, Inc. was provided in PDF format by the Village. This report provides a detailed description of the activities and analyses performed for the development of the SWMP and the findings substantiated by the analyses performed. Pertinent exhibits and appendices were also provided by the Village.

The 2011 SWMP INFOSWMM models including the hydraulic network, hydrologic parameters, and results files for the simulations performed as part of the Stormwater Master Plan update were also collected as part of this data collection task. The InfoSWMM model version is documented as version 9.0.

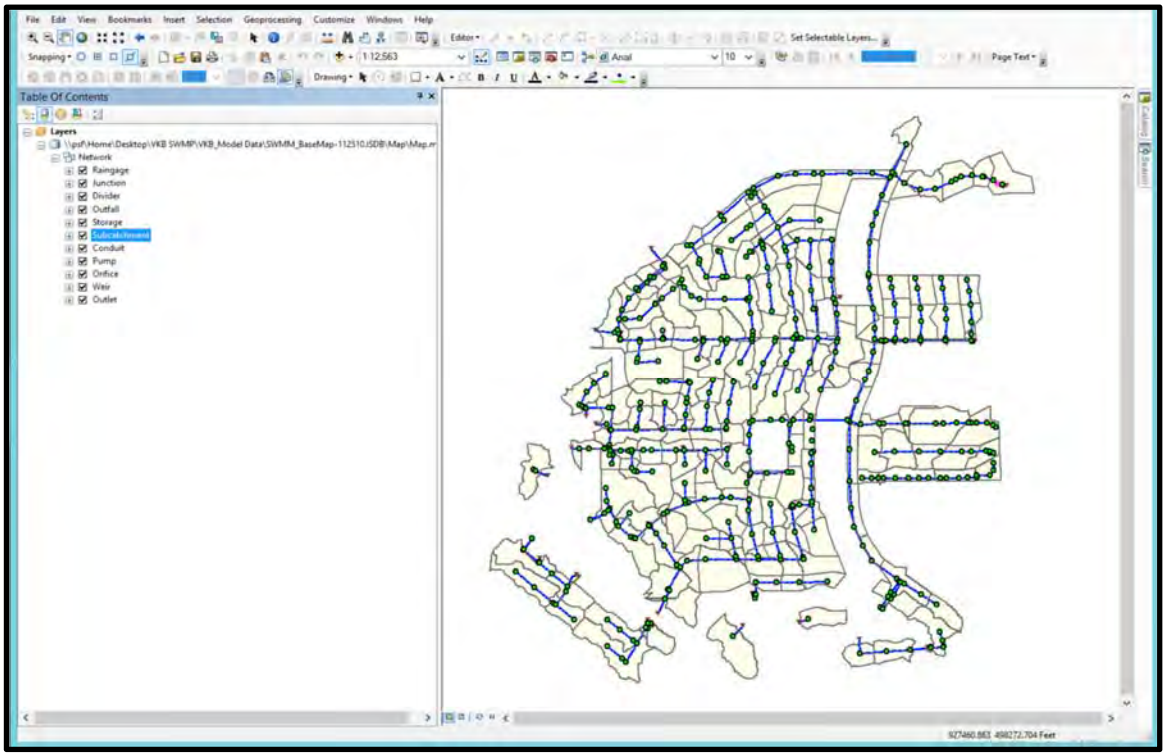

Figure 1 – Village of Key Biscayne InfoSWMM Network Schematic in ArcMap

In addition to the 2011 SWMP, the Village also provided the 1993 Stormwater Management Master Plan report prepared by Williams, Hatfield, and Stoner, Inc. (WHS) which documents the observations, testing, analytical methodologies, findings, and recommendations developed by WHS.

3.4 Topographic Data

The most readily available topographic data for large expanses of land is typically LiDAR based topographic data. LIDAR, which stands for Light Detection and Ranging, is a remote sensing method that uses a pulsed laser to measure the distance between the Earth and the collection unit typically based onboard a plane. These distance measurements, combined with other data recorded by the plane's airborne systems, can be used to generate topographic elevations points which can then be used to prepare detailed topographic models of the shape of the surface surveyed.

LiDAR data was available for VKB's geographic limits from a central repository of LiDAR data hosted by Florida International University (FIU) at their GIS-RS Center and sponsored by the International Hurricane Research Center at FIU. The LiDAR dataset is a topographic survey conducted for the State of Florida Division of Emergency Management LiDAR Project under the guidance of a Licensed and

Professional Surveyor/Mapper. This data is intended to support the creation and refinement of integrated ground and surface water models and Federal Emergency Management Agency Flood Insurance Rate Maps (FEMA FIRM).

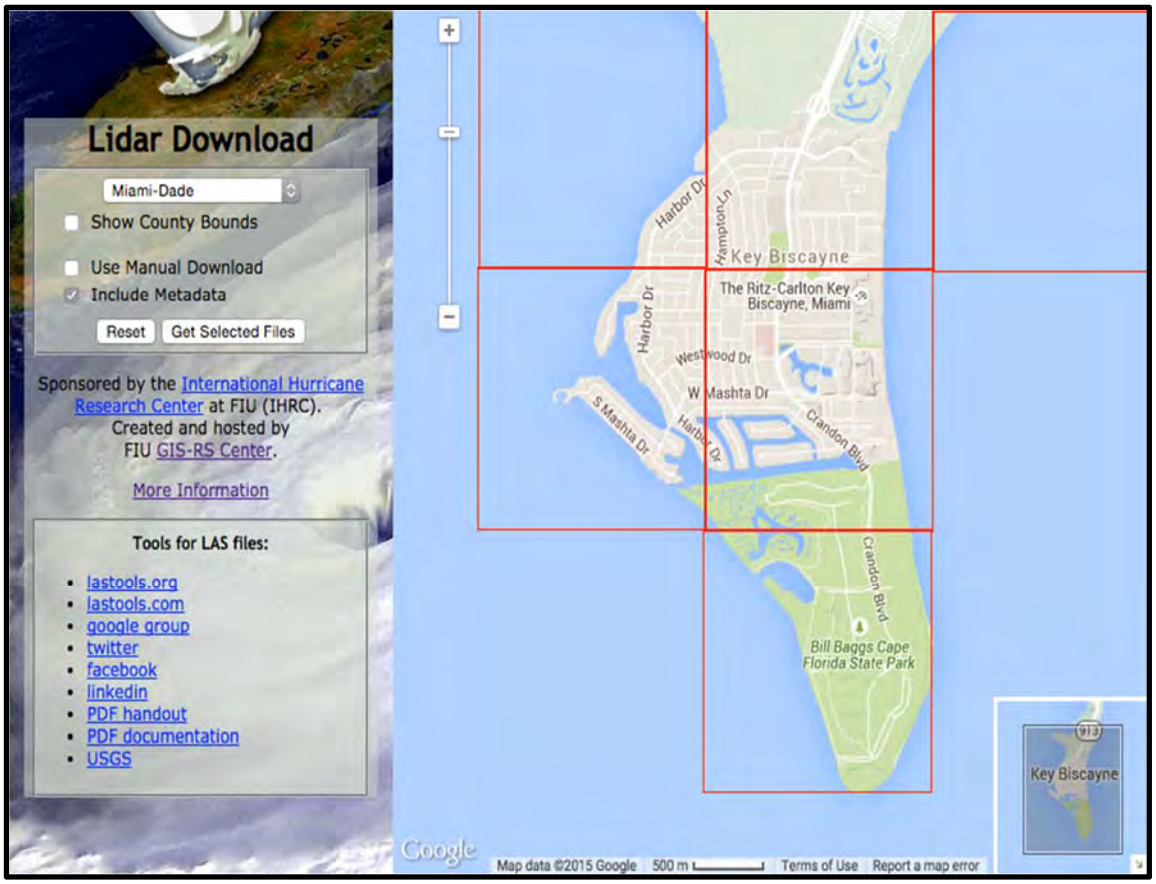

Figure 2 – Florida International University's Web Based LiDAR Data Repository

The most readily available LiDAR based data points were collected from August 2007 through January 2008. According to datasets metadata, the point cloud was collected at a density sufficient to support a maximum final post spacing of 4 feet for unobscured areas. The LiDAR data is available in 5000' by 5000' tiles, four of which encompass the Village. The LiDAR data is a bare earth representation of the topography where buildings and canopy are removed from the dataset.

The EAC team approached Miami-Dade County in June 2015 in order to verify that the data collected from FIU was the latest LiDAR based topographic dataset available. According to a representative from the Stormwater Utility Planning Division within Miami-Dade County (County), the County was in the process of collecting new LiDAR data and the LiDAR data was not going to be available in the near future. This newer data set would represent a more accurate and detailed representation of the topography of the Village and should be considered for future inclusion into the Village's GIS data repository and into the Village's InfoSWMM models utilized for the Stormwater Master Plan.

The EAC team has also approached the original developers of the 2011 SWMP Update in order to collect the topographic DEM used for the SWMP. This process is being finalized and the DEM will also be verified for conformance with retrieved information previously described.

3.5 GIS Data

Miami-Dade County's (County) Information Technology Department (ITD) through its GIS Division maintains a central repository of geographic data comprised of numerous layers; the street network and property (parcel) layers being the primary base layers. This GIS data is available through the County's GIS Self Services website. This website allows users to search through and choose GIS data that is pertinent to their interests.

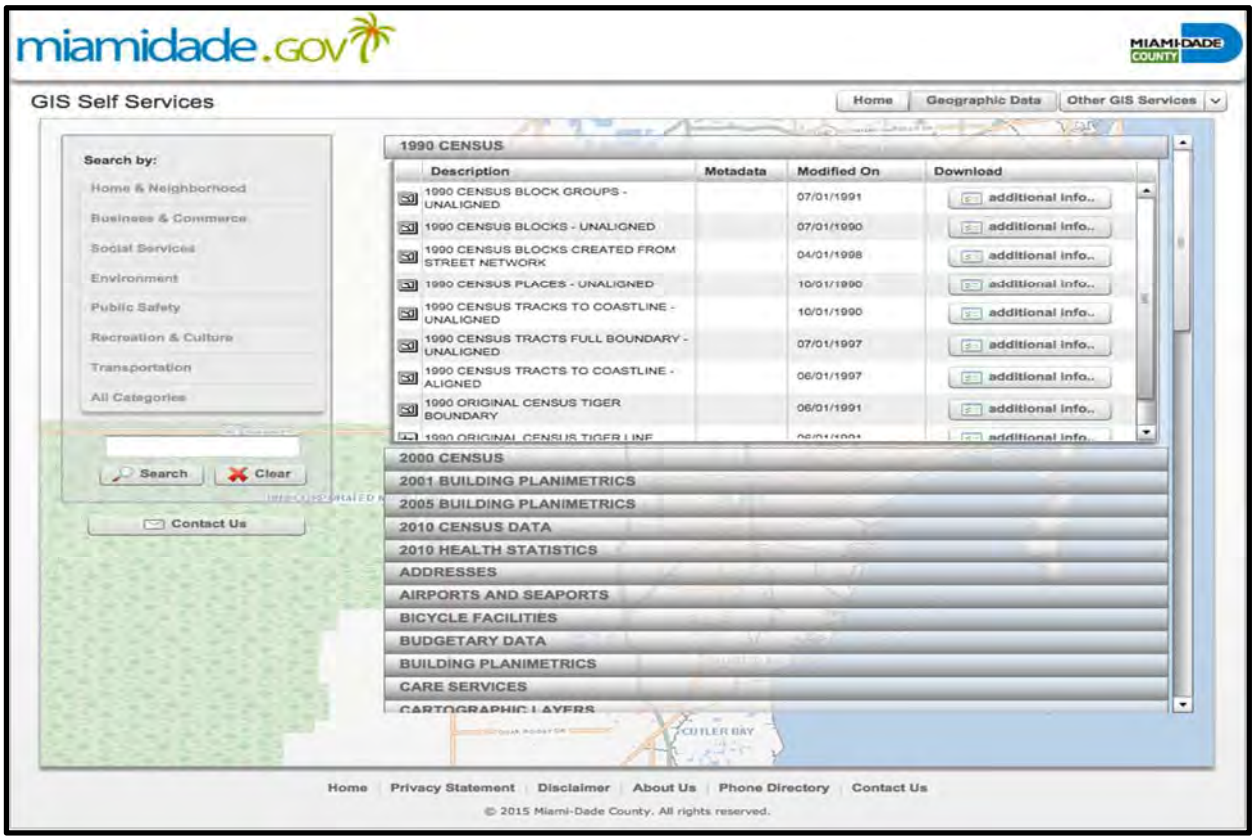

Figure 3 – Miami-Dade County GIS Self Service Website

In addition, the EAC team coordinated with the Village to collect GIS data that is maintained by the Village. The data includes two geodatabases that represent the available GIS feature classes maintained and used by the Village. The following is a listing and short description of the individual feature classes within the two geodatabases provided:

1. VKB_Stormwater2015 (Personal Geodatabase and associated Feature Classes)
    a. ComplaintAreas - This dataset includes complaints logged and identified by parcel boundaries with physical address and SWMP basin area name.
    b. Exfiltration - This dataset seems to be exfiltration trenches done for a specific project, Civic Center, and provides the length of each segment.
    c. MiamiDadeBM - This dataset includes Miami-Dade County benchmarks near the Village and includes the benchmark name and source.
    d. NGS_BM - This dataset includes benchmarks identified in NOAA's National Geodetic Survey (NGS), which includes the data source, datum, adjusted elevation, and condition of the benchmark.

e. parcel_centroids_address_file - This dataset includes the centroid of the parcel boundaries within the Village.
f. Pipes_07192011 - This dataset includes the pipe network within the Village and includes the pipe diameter, pipe type, comments (most comments state assumption of pipe diameter), inverts, editor and last update date, which appears to have last been last updated in June 2015.
g. Flow - This dataset includes the same information as Pipes_07192011, but with data that does not match Pipes_07192011 in the each item. This dataset does not include the editor and last edited date.
h. RLP - The dataset contains parcel boundaries of Repeated Loss Properties (RLP) with its corresponding physical address and the type of complaint.
i. StudyArea - This dataset contains the Village's study area limits and excludes the majority of parcels along the east coast of the Village.
j. SW_Structures - This dataset includes the stormwater structures data. It includes an associated project name, Design ID, rim elevation, invert elevation, the SWMP basin name, and the editor and last edited date.
k. Strucs_07192011 - This dataset appears to be the same as the SW_Structures dataset, but created prior to SW_Structures.
l. SWMMP2010Update_Basin - This dataset includes the Village basin boundary of the Village's SWMP 2010 Update.
m. SWMMP2010Update_SubCatchment - This dataset includes the Village sub-basin boundary of the Village's SWMP 2010 Update.
n. VKB_Boundary - This dataset includes geographic boundary of Miami-Dade County and the Village.

2. Base (File Geodatabase and associated Feature Classes)
   a. BuildingFootprints - This dataset includes the building footprint shapes last updated in November 2008.
   b. CriticalMeterParcels - This dataset appears to include the critical facilities. There are several parcels identified within the Village, along with the facility type (school, police, and utility). The facilities identified are St. Agnes School, Key Biscayne Elementary School, Key Biscayne Police Department, and Key Biscayne Fire Rescue)
   c. CriticalSiteParcels - This dataset also appears to include the critical facilities. There are several parcels identified within the Village, along with the facility type (library, parks, helicopter landing, and other). The facilities identified are Miami-Dade Public Library Key Biscayne Branch, Village Green Park, St. Christopher's by-the-Sea, Key Biscayne Community Church, and Key Biscayne Presbyterian Church.
   d. EdgeOfPavement - This dataset represents the edge of pavement with the Village.
      Edge of pavement (roadway depicted)
   e. GolfCourses - Not applicable to Village.
   f. Hydrolines_24K - This dataset does not contain any features within the Village. However, per metadata, this data was collected as part of the National Mapping Program and contains Hydrological Line Features from the USGS 1:24000 scale DLG's.
   g. Land_24K - This dataset is the land boundary. Per metadata, this dataset contains Hydrological Poly Features from the USGS 1:24000 scale DLG's.
   h. LandArea - This dataset represents the land area/shoreline in coastal areas, but does not contain features with the Village.
   i. MajorHydro - Not applicable to Village.
   j. Municipal - Not applicable to Village. This dataset seems to be only applicable for Port St. Lucie, St. Lucie Village, and Fort Pierce.
   k. MunicipalBoundaries - This dataset includes the geographical Village boundary.

l. NHDPlus_Flowlines_ 100K - Not applicable to Village.
m. NHDPlus_ WaterBodies_100K - Not applicable to Village.
n. Parcels - This dataset includes parcel boundaries. However, no data for parcels is provided within the Village boundary. Therefore, it is not applicable.
o. Parks - This dataset includes the park areas with the Village.
p. ParksPreserves - Not applicable to Village.
q. Railroad - Not applicable to Village.
r. Riverlines - Not applicable to Village.
s. Streets - This dataset includes the streets layer in Miami-Dade County & St. Lucie County.
t. WaterBodies - Not applicable to Village.
u. WaterBodies_24K - This dataset includes the boundaries of water bodies. Per metadata, the dataset contains Hydrological Poly Features from the USGS 1:24000 scale DLG's.

The feature classes related to stormwater infrastructure also contain edit tracking which will enable the EAC team to focus updates to the InfoSWMM models based on what items have changed since the development of the 2011 SWMP InfoSWMM models – currently there are modifications to 135 pipe segments and 8 drainage structures/manholes.

Additionally, VKB maintains a GIS feature class which collects annotated data from the VKB staff pinpointing areas in need of additional investigation by the Village's contractors. This feature class logs all inquiries as they are input and addressed.

Lastly, a map exhibit illustrating flood prone areas was reviewed on-site at the Village. This map shows areas where flooding has been observed throughout the VKB based on documented site visits by Village staff.

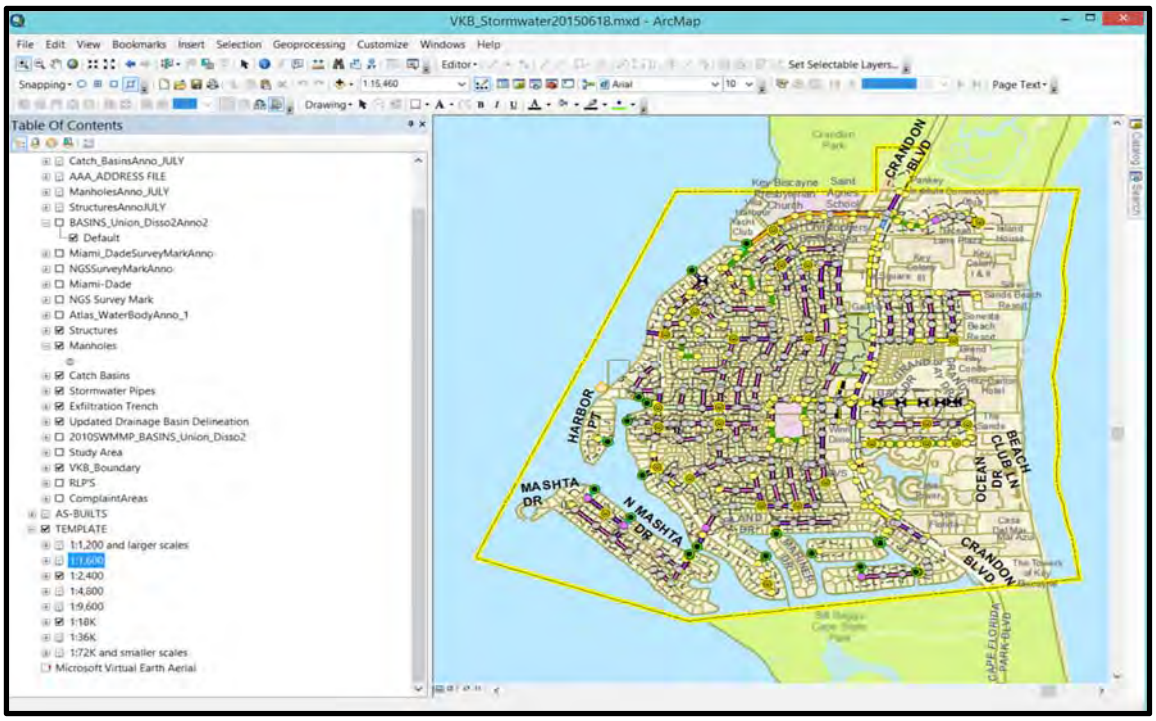

Figure 4 – Village of Key Biscayne GIS-based Stormwater Infrastructure Data

3.6 Village Stormwater Management System Maintenance Records

The Village maintains two companies under contract for the purposes of maintaining their stormwater infrastructure. As of this writing, Jaffer Well Drilling, A Division of A.C. Schultes of Florida, Inc. (Jaffer) and A&A Drainage, Inc. (A&A) have active contracts. Jaffer is a well drilling contractor specializing in the development and maintenance of wells. A&A is a maintenance contractor specializing in the maintenance and physical inspecting of stormwater infrastructure systems.

Jaffer Well Drilling is tasked with testing, maintaining, and redeveloping the existing 28 Village owned wells, at the discretion of the Village. The Village maintains a program where, depending on available funding, a specific number of wells are identified for cleaning/maintenance on a rotating basis. Jaffer provides the Village with flow rates prior to and after cleaning/maintenance activities and the testing and maintenance records are maintained by the Village and updated regularly using the data provided by Jaffer.

VKB Public Works staff provided the EAC team with a table identifying the wells and their locations; the physical dimensions of the wells including cased and uncased depths; the depth of sedimentation observed prior to cleaning; the date of the most recent cleaning/maintenance/; the pre- and post-maintenance flow rates; and the date the activities were performed.

A&A Drainage, Inc was recently tasked with cleaning and surveying the Villages stormwater infrastructure systems. Based on our understanding, A&A Drainage, Inc follows the Village's maintenance program, at the discretion of the Village, and provides input for refining the Village's GIS based stormwater infrastructure feature classes. A&A surveys the Village's stormwater management systems and inputs their findings into an ArcGIS Online-based maintenance feature class maintained by the Village. These findings are compared to the existing stormwater infrastructure data and are then propagated into the Village's master stormwater infrastructure feature classes.

The well data available from Jaffer and the field-verified stormwater infrastructure data available from A&A Drainage, Inc will be evaluated for inclusion into the InfoSWMM model update to be performed by the EAC team for this project.

Public Meeting Records

Public Workshop Report
October 6, 2015

DATE: October 11, 2015

TO: Tony Brown, Village of Key Biscayne Public Works Department
Jose Lopez, Village of Key Biscayne Public Works Department

FROM: Michael Adeife, P.E., Project Manager, EAC Consulting, Inc.

SUBJECT: Village of Key Biscayne – Implementation of Storm water Master Plan (SWMP)

Attendees:

Name	Organization	Email
Mayra Peña Lindsay, Mayor	VKB	
John Gilbert, Village Manager	VKB	jgilbert@keybiscayne.fl.gov
Jud Kurlancheek, Director,	VKB	jkurlancheek@keybiscayne.fl.gov
Jose G. Lopez	VKB	jlopez@keybiscayne.fl.gov
Mariana Dominguez - Hardie	VKB	mdominguez@keybiscayne.fl.gov
Tony Brown	VKB	tbrown@keybiscayne.fl.gov
Ana de Varona	VKB	adevarona@keybiscayne.fl.gov
Michael "Mike" Adeife	EAC	madeife@eacconsult.com
Eduardo Garces	EAC	egarces@eacconsult.com
Mark Kuntz	EAC	mkuntz@eacconsult.com
Cesar Borges	Aluces Corp	cborges@alucescorp.com
Georgio Tachiev	GIT	georgio@gitconsulting.net
Michelle Simmons	MRG	MSimmons@mrgmiami.com

Summary:

The public meeting was held on Tuesday, October 6, 2015, from 6pm until 8pm at the Village Council Chamber. Residents were invited to attend the open house portion of the workshop from 6:00pm until 6:30pm.

All residents in attendance had the opportunity to speak with the project team and discuss their individual concerns. The presentation began at 6:40pm, with opening remarks from the Village Manager and a welcome address from the Mayor. Jose Lopez opened the workshop, with various members of staff providing detailed information about the implementation plan.

After the presentation, the project team conducted a Q&A session. All residents were provided comment cards and given the opportunity to speak publicly. Questions were addressed to the project team and all comments were documented for future action. The presentation ended at 7:28pm. There were a total of 10 residents present. No comment cards were left at the public workshop.

Tuesday, October 6, 2015, 6 p.m. to 8 p.m.
Village of Key Biscayne Council Chamber
560 Crandon Boulevard, Key Biscayne, FL 33149

VILLAGE OF KEY BISCAYNE
STORMWATER MANAGEMENT PLAN
PUBLIC WORKSHOP

SIGN-IN SHEET

NAME	ORGANIZATION	ADDRESS	PHONE	EMAIL
JoANN YOUNG	Homeowner	60 00 Harbor Dr 1204	305 361 2384	jawyoung@aol.com
tony FERNANDEZ	HOMEowner CCE Board MBR	127 OCEAN LN DR	305 710 0339	TONYFER@GMAIL.COM
Michael + Tara Henderson	Homeowner	482 Hampton Ln	305-361-2446	mdhenderson7@aol.com
Pedro Colpa	Resident	201 Galen Dr	305-361-5555	peterkalpa@gmail.com
Jessica Garcia	VKB	88 W. McIntyre St	786.801.4618	Jgarcia@keybiscayne.fl.gov
JOSE MATOS	CONTRACTOR/OWNER	625 CURTISWOOD DR	3053005238	JFMATOS@ME.COM
Katie Hagemann	Miami Dade County		786.427.5210	hagemke miamidade.gov
MARILENE KONO	Resident	425 ALLENDALE RD	305-361-8112	marilenekono@gmail.com
Nestor Valenzuela	Resident.	815 Harbor Drive	305.776.2683	dh._valenzuela@yahoo.com

Tuesday, October 6, 2015, 6 p.m. to 8 p.m.
Village of Key Biscayne Council Chamber
560 Crandon Boulevard, Key Biscayne, FL 33149

VILLAGE OF KEY BISCAYNE
STORMWATER MANAGEMENT PLAN
PUBLIC WORKSHOP

SIGN-IN SHEET

NAME	ORGANIZATION	ADDRESS	PHONE	EMAIL
Ana de Varona	VKB	88 W. McIntyre St.	305-365-7574	adevarona@keybiscayne.fl.gov
Mariana Dominguez	VKB	432 Ridgewood Rd	305 365 3504	mdominguez@...
Jose G. Lopez	VKB	88 McIntyre St.	786-351-2343	JLopez@keybiscayne.ft.gov ~~jlopez@ballsv.~~
Cesar Borges	Aluces Corp	8501 SW 124th st., Suite 204A	786-505-8065	CBORGES@aluescorp.com
Mike Adelfe	EAC			
Eduardo Graces	EAC			
Randy Kuntz	EAC			
Michelle Simons	MRG			
Mayor				
Dir, Public Works				

APPENDIX C

Existing H&H Model Input Report

```
[OPTIONS]
FLOW_UNITS           CFS
INFILTRATION         CURVE_NUMBER
FLOW_ROUTING         DYNWAVE
ALLOW_PONDING        YES
DRY_DAYS 5.000000
SKIP_STEADY_STATE            NO
IGNORE_RAINFALL      NO
IGNORE_SNOWMELT      YES
IGNORE_GROUNDWATER           NO
IGNORE_QUALITY       YES
FORCE_MAIN_EQUATION          H-W
LINK_OFFSETS         DEPTH
MIN_SLOPE            0.000000
START_DATE           01/01/2002
START_TIME           00:00
END_DATE 01/04/2002
END_TIME 06:00
REPORT_START_DATE01/01/2002
REPORT_START_TIME00:00
SWEEP_START          01/01
SWEEP_END            12/31
WET_STEP 00:05:00
DRY_STEP 00:05:00
ROUTING_STEP         4.000000
REPORT_STEP          00:01:00
INERTIAL_DAMPING FULL
VARIABLE_STEP        0.650000
LENGTHENING_STEP 7
MIN_SURFAREA         0.000000
NORMAL_FLOW_LIMITED          SLOPE
MAX_TRIALS           5
HEAD_TOLERANCE       1.000000

[EXTENDED_OPTIONS]
Conduit_InvertElevation      YES
MAX_STEP 2500
Rim_Elevation        YES
UnitHydrograph_Type          Standard


[RAINGAGES]
MEANANNUAL           CUMULATIVE          0.250000 1.000000 TIMESERIES          MEANANNUAL
RAINGAUGE_100YR      CUMULATIVE          0.250000 1.000000 TIMESERIES          100YR72HRSTORM
RAINGAUGE_10YR       CUMULATIVE          0.250000 1.000000 TIMESERIES          10YR72HRSTORM
RAINGAUGE_25YR       CUMULATIVE          0.250000 1.000000 TIMESERIES          25YR72HR
RAINGAUGE_5YR        CUMULATIVE          0.250000 1.000000 TIMESERIES          5YR72HRSTORM

[HYDROGRAPHS]

[TEMPERATURE]

[ADJUSTMENTS]

[SUBCATCHMENTS]
SUB-11856            RAINGAUGE_10YR      J-541    1.857639 45.471043           0.817771 1.664540 0.000000
SUB-11868            RAINGAUGE_10YR      J-534    2.452711 65.000000           0.939668 2.119008 0.000000
SUB-11924            RAINGAUGE_10YR      J-132    2.840024 38.000000           1.011142 1.152244 0.000000
SUB-11926            RAINGAUGE_10YR      J-158    6.847408 38.000000           1.570053 0.518197 0.000000
SUB-11930            RAINGAUGE_10YR      J-74     2.016822 38.000000           0.852089 0.893295 0.000000
SUB-11932            RAINGAUGE_10YR      J-481    1.503526 20.363015           0.735710 0.561716 0.000000
SUB-11936            RAINGAUGE_10YR      J-482    1.450452 54.966769           0.722608 0.503895 0.000000
SUB-11944            RAINGAUGE_10YR      J-129    3.602990 38.015839           1.138893 1.828677 0.000000
SUB-11948            RAINGAUGE_10YR      J-99     3.308419 38.000000           1.091344 1.060137 0.000000
SUB-11950            RAINGAUGE_10YR      J-487    1.480570 50.433653           0.730072 0.837230 0.000000
SUB-11954            RAINGAUGE_10YR      J-67     1.508301 38.000000           0.736877 1.773706 0.000000
SUB-11958            RAINGAUGE_10YR      J-63     3.728697 38.000000           1.158590 0.739077 0.000000
SUB-11968            RAINGAUGE_10YR      J-355    2.274664 19.513439           0.904919 0.978853 0.000000
SUB-11970            RAINGAUGE_10YR      J-489    1.914806 45.144165           0.830259 0.885184 0.000000
SUB-11972            RAINGAUGE_10YR      J-188    2.880840 38.000000           1.018382 1.381654 0.000000
SUB-11978            RAINGAUGE_10YR      J-256    2.698432 38.026061           0.985614 1.736567 0.000000
SUB-11984            RAINGAUGE_10YR      J-351    2.310935 38.096335           0.912106 0.714544 0.000000
SUB-11986            RAINGAUGE_10YR      J-354    2.354276 40.458490           0.920619 0.605257 0.000000
SUB-11988            RAINGAUGE_10YR      J-341    4.418571 39.193636           1.261224 1.319807 0.000000
SUB-11990            RAINGAUGE_10YR      J-191    1.916642 38.078072           0.830657 1.567722 0.000000
SUB-11994            RAINGAUGE_10YR      J-253    1.782763 38.000000           0.801121 2.181504 0.000000
SUB-11998            RAINGAUGE_10YR      J-198    4.234923 38.072068           1.234736 0.809575 0.000000
SUB-12004            RAINGAUGE_10YR      J-266    1.653328 38.000000           0.771491 1.670416 0.000000
SUB-12010            RAINGAUGE_10YR      J-238    1.460504 38.000000           0.725108 1.471121 0.000000
SUB-12014            RAINGAUGE_10YR      J-512    0.997760 65.000000           0.599327 0.955973 0.000000
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SUB-12016	RAINGAUGE_10YR	J-249	2.737824	38.001405		0.992782	1.580357	0.000000
SUB-12024	RAINGAUGE_10YR	J-282	2.097903	38.651735		0.869048	0.734381	0.000000
SUB-12036	RAINGAUGE_10YR	J-324	2.270348	39.038863		0.904061	1.047766	0.000000
SUB-12044	RAINGAUGE_10YR	J-784	2.270165	65.024048		0.904024	2.158897	0.000000
SUB-12046	RAINGAUGE_10YR	J-59	2.174025	38.000000		0.884675	0.921312	0.000000
SUB-12048	RAINGAUGE_10YR	J-61	1.245684	43.249873		0.669661	2.196722	0.000000
SUB-12052	RAINGAUGE_10YR	J-918	3.119261	38.132534		1.059686	2.730367	0.000000
SUB-12060	RAINGAUGE_10YR	J-31	2.070080	38.000000		0.863266	0.667673	0.000000
SUB-12062	RAINGAUGE_10YR	J-647	1.407203	38.000000		0.711753	0.311008	0.000000
SUB-12068	RAINGAUGE_10YR	J-42	1.338427	38.400879		0.694142	0.957809	0.000000
SUB-12072	RAINGAUGE_10YR	J-571	6.418130	38.000000		1.520042	0.909643	0.000000
SUB-12084	RAINGAUGE_10YR	J-585	3.999486	38.009451		1.199923	1.418623	0.000000
SUB-12086	RAINGAUGE_10YR	J-5	4.323441	38.000000		1.247573	1.912178	0.000000
SUB-12088	RAINGAUGE_10YR	JCT-28	3.501892	38.000000		1.122801	1.234957	0.000000
SUB-12100	RAINGAUGE_10YR	J-673	3.477099	38.016053		1.118819	0.500000	0.000000
SUB-12110	RAINGAUGE_10YR	J-557	1.480478	38.032114		0.730049	0.500000	0.000000
SUB-12112	RAINGAUGE_10YR	J-672	2.630023	38.006493		0.973041	0.500000	0.000000
SUB-12116	RAINGAUGE_10YR	J-910	2.378058	38.000003		0.925257	0.500000	0.000000
SUB-12122	RAINGAUGE_10YR	J-606	0.194667	38.000000		0.264726	0.500000	0.000000
SUB-12128	RAINGAUGE_10YR	J-606	1.786895	38.000000		0.802049	0.500000	0.000000
SUB-12132	RAINGAUGE_10YR	J-710	3.058933	38.000000		1.049388	0.500000	0.000000
SUB-12136	RAINGAUGE_10YR	J-700	2.479156	38.000000		0.944720	0.500000	0.000000
SUB-12138	RAINGAUGE_10YR	JCT-32	1.972747	38.000000		0.842727	0.500000	0.000000
SUB-12142	RAINGAUGE_10YR	J-912	5.105139	38.007495		1.355673	0.500000	0.000000
SUB-12144	RAINGAUGE_10YR	J-611	5.940737	38.000000		1.462418	0.500000	0.000000
SUB-12150	RAINGAUGE_10YR	J-563	2.175658	38.000000		0.885007	1.145574	0.000000
SUB-12152	RAINGAUGE_10YR	J-678	3.515134	38.000000		1.124922	0.923680	0.000000
SUB-12154	RAINGAUGE_10YR	J-663	5.908253	38.000000		1.458414	1.137961	0.000000
SUB-12158	RAINGAUGE_10YR	J-665	1.852523	38.000000		0.816645	0.994650	0.000000
SUB-12160	RAINGAUGE_10YR	J-598	3.733230	38.000000		1.159294	2.544498	0.000000
SUB-12162	RAINGAUGE_10YR	J-591	2.779212	38.000000		1.000258	1.701853	0.000000
SUB-12164	RAINGAUGE_10YR	J-757	2.215353	38.000000		0.893044	1.070446	0.000000
SUB-12166	RAINGAUGE_10YR	J-687	1.491838	38.000000		0.732845	0.416854	0.000000
SUB-12168	RAINGAUGE_10YR	J-633	2.097420	38.000000		0.868948	0.823507	0.000000
SUB-12170	RAINGAUGE_10YR	J-659	0.589539	38.000000		0.460689	3.060475	0.000000
SUB-12172	RAINGAUGE_10YR	J-657	1.125302	38.000000		0.636482	1.689521	0.000000
SUB-12174	RAINGAUGE_10YR	J-654	2.624617	38.000000		0.972040	1.468449	0.000000
SUB-12176	RAINGAUGE_10YR	J-18	1.711487	38.000000		0.784943	1.035760	0.000000
SUB-12180	RAINGAUGE_10YR	J-629	2.426744	38.000000		0.934681	1.136246	0.000000
SUB-12182	RAINGAUGE_10YR	J-632	1.135079	38.000000		0.639241	0.500000	0.000000
SUB-12184	RAINGAUGE_10YR	J-637	0.553583	38.000000		0.446419	0.500000	0.000000
SUB-12186	RAINGAUGE_10YR	J-640	1.677265	38.000000		0.777056	0.500000	0.000000
SUB-12188	RAINGAUGE_10YR	J-653	2.827579	38.000000		1.008924	0.500000	0.000000
SUB-12190	RAINGAUGE_10YR	J-27	2.066789	38.000000		0.862580	0.500000	0.000000
SUB-12192	RAINGAUGE_10YR	J-25	2.761651	38.000000		0.997093	0.500000	0.000000
SUB-12194	RAINGAUGE_10YR	J-321	1.410330	38.000000		0.712544	0.903960	0.000000
SUB-12196	RAINGAUGE_10YR	J-328	1.663156	38.000000		0.773781	0.412534	0.000000
SUB-12198	RAINGAUGE_10YR	J-314	1.806598	38.000000		0.806458	0.761684	0.000000
SUB-12200	RAINGAUGE_10YR	J-682	1.661088	38.000000		0.773299	0.500000	0.000000
SUB-12202	RAINGAUGE_10YR	J-624	2.842330	38.000000		1.011553	0.500000	0.000000
SUB-12204	RAINGAUGE_10YR	J-618	1.390916	38.000000		0.707623	0.500000	0.000000
SUB-12206	RAINGAUGE_10YR	J-899	2.885799	38.576025		1.019258	0.500000	0.000000
SUB-12208	RAINGAUGE_10YR	J-891	1.194728	40.258370		0.655822	0.500000	0.000000
SUB-12210	RAINGAUGE_10YR	J-40	2.010444	38.000000		0.850741	0.500000	0.000000
SUB-12212	RAINGAUGE_10YR	J-58	1.527995	41.971872		0.741673	0.500000	0.000000
SUB-12214	RAINGAUGE_10YR	J-54	2.797872	39.443760		1.003610	0.500000	0.000000
SUB-12216	RAINGAUGE_10YR	J-934	1.138570	49.716647		0.640223	0.500000	0.000000
SUB-12218	RAINGAUGE_10YR	J-894	0.835929	48.842470		0.548575	0.500000	0.000000
SUB-12222	RAINGAUGE_10YR	J-317	1.622765	38.000000		0.764327	0.500000	0.000000
SUB-12224	RAINGAUGE_10YR	J-208	1.155299	38.000000		0.644909	0.500000	0.000000
SUB-12226	RAINGAUGE_10YR	J-310	1.715710	38.000000		0.785911	1.321658	0.000000
SUB-12228	RAINGAUGE_10YR	J-305	1.818375	38.000000		0.809083	1.183191	0.000000
SUB-12230	RAINGAUGE_10YR	J-296	0.656138	38.000000		0.486014	0.500000	0.000000
SUB-12232	RAINGAUGE_10YR	J-300	0.662444	38.000000		0.488344	0.500000	0.000000
SUB-12234	RAINGAUGE_10YR	J-288	1.166244	38.000000		0.647957	0.500000	0.000000
SUB-12238	RAINGAUGE_10YR	J-233	1.540522	38.000000		0.744707	1.570991	0.000000
SUB-12240	RAINGAUGE_10YR	J-226	1.117068	38.000000		0.634149	3.008506	0.000000
SUB-12242	RAINGAUGE_10YR	J-209	2.280767	38.000000		0.906132	0.500000	0.000000
SUB-12244	RAINGAUGE_10YR	J-213	1.600218	38.000000		0.758998	0.500000	0.000000
SUB-12246	RAINGAUGE_10YR	J-242	1.150682	38.000000		0.643619	0.500000	0.000000
SUB-12248	RAINGAUGE_10YR	J-244	1.185491	38.000000		0.653281	0.500000	0.000000
SUB-12250	RAINGAUGE_10YR	J-267	1.963239	38.000000		0.840694	0.500000	0.000000
SUB-12252	RAINGAUGE_10YR	J-126	6.016147	38.000000		1.471670	0.787116	0.000000
SUB-12256	RAINGAUGE_10YR	J-110	2.010787	38.000000		0.850813	1.032908	0.000000
SUB-12258	RAINGAUGE_10YR	J-217	2.185710	38.000000		0.887049	1.463366	0.000000
SUB-12260	RAINGAUGE_10YR	J-223	2.142711	38.000000		0.878280	0.923148	0.000000
SUB-12262	RAINGAUGE_10YR	J-180	1.451843	38.000000		0.722955	1.114320	0.000000
SUB-12264	RAINGAUGE_10YR	J-121	1.838406	38.000000		0.813527	1.567308	0.000000
SUB-12266	RAINGAUGE_10YR	J-104	1.923741	38.000000		0.832194	0.500000	0.000000
SUB-12268	RAINGAUGE_10YR	J-185	2.964343	38.000000		1.033036	0.993431	0.000000

SUB-12272	RAINGAUGE_10YR	J-80	2.890318	38.000000	1.020056	1.632213	0.000000
SUB-12274	RAINGAUGE_10YR	J-83	2.029851	38.000000	0.854837	0.464546	0.000000
SUB-12276	RAINGAUGE_10YR	J-402	3.564371	38.000000	1.132772	0.629194	0.000000
SUB-12278	RAINGAUGE_10YR	J-396	2.828651	38.000000	1.009116	0.516109	0.000000
SUB-12280	RAINGAUGE_10YR	J-368	3.817137	38.000000	1.172250	0.516308	0.000000
SUB-12284	RAINGAUGE_10YR	J-380	2.230025	46.504578	0.895996	0.679221	0.000000
SUB-12286	RAINGAUGE_10YR	J-363	2.169134	30.942353	0.883679	0.248786	0.000000
SUB-12288	RAINGAUGE_10YR	J-342	4.010839	15.203191	1.201625	0.845325	0.000000
SUB-12290	RAINGAUGE_10YR	J-410	2.003805	38.000000	0.849335	0.681868	0.000000
SUB-12292	RAINGAUGE_10YR	J-415	2.397409	38.000000	0.929014	0.810689	0.000000
SUB-12294	RAINGAUGE_10YR	J-431	2.811220	38.000000	1.006002	0.597502	0.000000
SUB-12296	RAINGAUGE_10YR	J-388	1.661504	38.000000	0.773396	0.770134	0.000000
SUB-12300	RAINGAUGE_10YR	J-384	3.450074	38.000000	1.114462	0.688278	0.000000
SUB-12302	RAINGAUGE_10YR	J-421	3.792378	38.000000	1.168442	0.449172	0.000000
SUB-12304	RAINGAUGE_10YR	J-422	1.573760	41.810930	0.752697	0.486957	0.000000
SUB-12306	RAINGAUGE_10YR	J-430	3.285546	38.000000	1.087565	0.931306	0.000000
SUB-12308	RAINGAUGE_10YR	J-423	5.234863	38.000000	1.372789	1.319153	0.000000
SUB-12310	RAINGAUGE_10YR	J-459	4.789236	55.619789	1.313059	1.129717	0.000000
SUB-12312	RAINGAUGE_10YR	J-445	0.564112	38.000000	0.450644	1.489169	0.000000
SUB-12314	RAINGAUGE_10YR	J-763	3.480983	50.808594	1.119444	0.873483	0.000000
SUB-12316	RAINGAUGE_10YR	J-440	2.851790	54.309348	1.013235	1.155351	0.000000
SUB-12318	RAINGAUGE_10YR	J-147	3.444354	38.000000	1.113538	1.247387	0.000000
SUB-12320	RAINGAUGE_10YR	J-438	2.098156	38.000000	0.869101	0.907396	0.000000
SUB-12322	RAINGAUGE_10YR	J-437	2.969191	38.000000	1.033880	0.500000	0.000000
SUB-12324	RAINGAUGE_10YR	J-152	2.939024	38.000000	1.028615	1.101998	0.000000
SUB-12326	RAINGAUGE_10YR	J-170	0.693874	38.000000	0.499794	1.349391	0.000000
SUB-12328	RAINGAUGE_10YR	J-161	1.344514	38.000000	0.695719	0.500000	0.000000
SUB-12330	RAINGAUGE_10YR	J-163	0.795421	38.000000	0.535118	0.500000	0.000000
SUB-12332	RAINGAUGE_10YR	J-169	0.793206	38.000000	0.534373	1.098056	0.000000
SUB-12334	RAINGAUGE_10YR	J-166	1.473026	38.000000	0.728210	0.500000	0.000000
SUB-12336	RAINGAUGE_10YR	J-165	0.676126	38.000000	0.493361	0.500000	0.000000
SUB-12340	RAINGAUGE_10YR	J-826	2.219292	40.802015	0.893837	0.500000	0.000000
SUB-12344	RAINGAUGE_10YR	J-831	1.760608	38.000000	0.796127	0.500000	0.000000
SUB-12346	RAINGAUGE_10YR	J-836	1.832686	38.011620	0.812260	0.500000	0.000000
SUB-12348	RAINGAUGE_10YR	J-822	2.416580	39.726749	0.932721	0.500000	0.000000
SUB-12350	RAINGAUGE_10YR	J-838	2.347390	39.696822	0.919272	0.500000	0.000000
SUB-12352	RAINGAUGE_10YR	J-816	2.776386	38.000000	0.999749	0.500000	0.000000
SUB-12354	RAINGAUGE_10YR	J-844	3.239500	38.000000	1.079917	0.500000	0.000000
SUB-12356	RAINGAUGE_10YR	J-870	1.849594	39.945820	0.815999	0.500000	0.000000
SUB-12358	RAINGAUGE_10YR	J-865	1.406665	38.000000	0.711617	0.500000	0.000000
SUB-12362	RAINGAUGE_10YR	J-860	0.315975	38.000000	0.337270	0.500000	0.000000
SUB-12364	RAINGAUGE_10YR	J-809	0.392424	48.258864	0.375863	0.500000	0.000000
SUB-12366	RAINGAUGE_10YR	J-851	0.445075	42.921507	0.400284	0.500000	0.000000
SUB-12368	RAINGAUGE_10YR	J-958	1.400307	88.302244	0.710007	0.349984	0.000000
SUB-12372	RAINGAUGE_10YR	J-539	1.361940	67.980435	0.700213	0.209498	0.000000
SUB-12374	RAINGAUGE_10YR	J-882	3.103400	65.000000	1.056988	1.003423	0.000000
SUB-12376	RAINGAUGE_10YR	J-880	1.570882	65.000000	0.752009	5.242597	0.000000
SUB-12380	RAINGAUGE_10YR	J-879	3.835548	65.000000	1.175073	3.692187	0.000000
SUB-12382	RAINGAUGE_10YR	J-470	1.357419	88.536557	0.699050	1.033813	0.000000
SUB-12386	RAINGAUGE_10YR	J-493	1.370075	87.353381	0.702301	0.500000	0.000000
SUB-12388	RAINGAUGE_10YR	J-544	2.030037	87.322315	0.854876	0.500000	0.000000
SUB-12394	RAINGAUGE_10YR	J-497	1.301524	65.000000	0.684506	0.500000	0.000000
SUB-12396	RAINGAUGE_10YR	J-714	3.559167	65.000000	1.131945	0.500000	0.000000
SUB-12398	RAINGAUGE_10YR	J-518	1.144543	65.000000	0.641900	0.500000	0.000000
SUB-12400	RAINGAUGE_10YR	J-793	0.792697	65.000000	0.534201	0.500000	0.000000
SUB-12402	RAINGAUGE_10YR	J-712	2.967606	65.000000	1.033604	0.500000	0.000000
SUB-12404	RAINGAUGE_10YR	J-719	2.013431	65.000000	0.851373	0.500000	0.000000
SUB-12408	RAINGAUGE_10YR	J-508	6.130531	65.000000	1.485595	0.500000	0.000000
SUB-12410	RAINGAUGE_10YR	J-766	1.618069	65.000000	0.763220	0.500000	0.000000
SUB-12414	RAINGAUGE_10YR	J-728	2.698631	65.000000	0.985651	0.500000	0.000000
SUB-12418	RAINGAUGE_10YR	J-498	3.726118	65.000000	1.158189	0.500000	0.000000
SUB-12420	RAINGAUGE_10YR	J-776	1.483550	65.000000	0.730806	0.500000	0.000000
SUB-12422	RAINGAUGE_10YR	J-734	1.682100	65.000000	0.778175	0.500000	0.000000
SUB-12424	RAINGAUGE_10YR	J-47	1.790292	85.853410	0.802811	0.500000	0.000000
SUB-12428	RAINGAUGE_10YR	J-550	1.063143	85.375718	0.618653	0.500000	0.000000
SUB-12430	RAINGAUGE_10YR	J-555	3.191646	67.721343	1.071911	0.500000	0.000000
SUB-12432	RAINGAUGE_10YR	J-559	0.881819	38.000000	0.563431	0.500000	0.000000
SUB-12434	RAINGAUGE_10YR	J-951	2.102631	66.019335	0.870027	0.500000	0.000000
SUB-12438	RAINGAUGE_10YR	J-290	4.064991	38.000000	1.209709	1.030392	0.000000
SUB-12442	RAINGAUGE_10YR	J-15	0.443281	38.000000	0.399476	1.680288	0.000000
SUB-12444	RAINGAUGE_10YR	J-479	1.208836	87.928633	0.659683	0.644877	0.000000
SUB-12446	RAINGAUGE_10YR	J-480	1.435705	84.512570	0.718925	0.500000	0.000000
SUB-12448	RAINGAUGE_10YR	J-247	1.914041	38.000000	0.830093	1.646165	0.000000
SUB-12450	RAINGAUGE_10YR	J-684	1.157335	38.000000	0.645477	0.500000	0.000000
SUB-12452	RAINGAUGE_10YR	J-203	1.426138	38.000000	0.716526	0.500000	0.000000
SUB-12454	RAINGAUGE_10YR	J-754	1.506574	42.585206	0.736455	0.500000	0.000000
SUB-12456	RAINGAUGE_10YR	J-750	1.048915	42.101838	0.614499	0.500000	0.000000
SUB-12458	RAINGAUGE_10YR	J-903	1.225592	49.092094	0.664239	0.500000	0.000000
SUB-12460	RAINGAUGE_10YR	J-77	1.645154	49.092000	0.664000	0.500000	0.000000

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[SUBAREAS]
SUB-11856        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11868        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11924        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11926        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11930        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11932        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11936        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11944        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11948        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11950        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11954        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11958        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11968        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11970        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11972        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11978        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11984        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-11986        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
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SUB-12382        3        75.000000        0.500000 1.000000
SUB-12386        3        75.000000        0.500000 1.000000
SUB-12388        3        75.000000        0.500000 1.000000
SUB-12394        3        75.000000        0.500000 1.000000
SUB-12396        3        75.000000        0.500000 1.000000
SUB-12398        3        75.000000        0.500000 1.000000
SUB-12400        3        75.000000        0.500000 1.000000
SUB-12402        3        75.000000        0.500000 1.000000
SUB-12404        3        75.000000        0.500000 1.000000
SUB-12408        3        75.000000        0.500000 1.000000
SUB-12410        3        75.000000        0.500000 1.000000
SUB-12414        3        75.000000        0.500000 1.000000
SUB-12418        3        75.000000        0.500000 1.000000
SUB-12420        3        75.000000        0.500000 1.000000
SUB-12422        3        75.000000        0.500000 1.000000
SUB-12424        3        75.000000        0.500000 1.000000
SUB-12428        3        75.000000        0.500000 1.000000
SUB-12430        3        75.000000        0.500000 1.000000
SUB-12432        3        75.000000        0.500000 1.000000
SUB-12434        3        75.000000        0.500000 1.000000
SUB-12438        3        75.000000        0.500000 1.000000
SUB-12442        3        75.000000        0.500000 1.000000
SUB-12444        3        75.000000        0.500000 1.000000
SUB-12446        3        75.000000        0.500000 1.000000
SUB-12448        3        75.000000        0.500000 1.000000
SUB-12450        3        75.000000        0.500000 1.000000
SUB-12452        3        75.000000        0.500000 1.000000
SUB-12454        3        75.000000        0.500000 1.000000
SUB-12456        3        75.000000        0.500000 1.000000
SUB-12458        3        75.000000        0.500000 1.000000

[AQUIFERS]

[GROUNDWATER]

[GWF]

[SNOWPACKS]

[JUNCTIONS]
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J-109    -4.560000        6.599000 0.000000 0.000000 2500.000000
J-11     -4.560000        7.560000 0.000000 0.000000 2500.000000
J-110    -4.121000        6.233000 0.000000 0.000000 14046.550000
J-113    -4.560000        6.834000 0.000000 0.000000 2500.000000
J-114    -4.560000        7.560000 0.000000 0.000000 2500.000000
J-118    -4.560000        7.560000 0.000000 0.000000 2500.000000
J-12     -4.560000        7.560000 0.000000 0.000000 2500.000000
J-121    -4.560000        7.700000 0.000000 0.000000 6041.950000
J-126    -3.560000        5.200000 0.000000 0.000000 29036.490000
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J-127    -3.560000        5.190000 0.000000 0.000000 2500.000000
J-128    -3.560000        5.170000 0.000000 0.000000 2500.000000
J-129    -3.560000        6.500000 0.000000 0.000000 44476.000000
J-130    -3.560000        6.400000 0.000000 0.000000 2500.000000
J-131    -3.560000        7.050000 0.000000 0.000000 2500.000000
J-132    -3.560000        6.100000 0.000000 0.000000 10858.000000
J-137    -3.560000        6.000000 0.000000 0.000000 2500.000000
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J-139    -3.560000         6.560000 0.000000 0.000000 2500.000000
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J-148    -3.560000         6.540000 0.000000 0.000000 2500.000000
J-149    -3.560000         6.000000 0.000000 0.000000 2500.000000
J-15     -4.060000         6.700000 0.000000 0.000000 5405.010000
J-152    -3.560000         6.600000 0.000000 0.000000 21514.290000
J-153    -3.560000         6.700000 0.000000 0.000000 2500.000000
J-155    -3.560000         6.620000 0.000000 0.000000 2500.000000
J-156    -3.560000         6.470000 0.000000 0.000000 2500.000000
J-158    -3.560000         6.600000 0.000000 0.000000 21642.000000
J-158A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-15A    0.000000 10.000000         0.000000 0.000000 0.000000 2500.000000
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J-161    -3.560000         6.560000 0.000000 0.000000 20784.590000
J-162    -3.560000         7.310000 0.000000 0.000000 2500.000000
J-163    -3.560000         6.044000 0.000000 0.000000 4574.890000
J-164    -3.560000         6.506000 0.000000 0.000000 2500.000000
J-165    -3.560000         6.601000 0.000000 0.000000 6226.570000
J-166    -3.560000         6.373000 0.000000 0.000000 19333.690000
J-167    -3.560000         6.016000 0.000000 0.000000 2500.000000
J-168    -3.560000         6.159000 0.000000 0.000000 2500.000000
J-169    -3.560000         6.305000 0.000000 0.000000 8776.660000
J-170    -3.560000         6.409000 0.000000 0.000000 6613.120000
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J-180    -3.560000         5.950000 0.000000 0.000000 14622.310000
J-180A   -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-188    -4.060000         6.320000 0.000000 0.000000 7497.000000
J-188A   -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-191A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-195    -3.560000         5.760000 0.000000 0.000000 2500.000000
J-195A   -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-199    -3.560000         5.750000 0.000000 0.000000 2500.000000
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J-209    -3.560000         5.850000 0.000000 0.000000 2926.920000
J-212    -3.560000         6.050000 0.000000 0.000000 2500.000000
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J-235    -3.560000         6.160000 0.000000 0.000000 2500.000000
J-238    -4.560000         7.100000 0.000000 0.000000 2060.940000
J-24     -3.560000         6.000000 0.000000 0.000000 2500.000000
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J-244    -3.560000         5.900000 0.000000 0.000000 4570.940000
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J-253    -3.560000         5.850000 0.000000 0.000000 24168.410000
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J-260    -3.560000         6.560000 0.000000 0.000000 2500.000000
J-261    -3.560000         5.700000 0.000000 0.000000 2500.000000
J-261-WEIR       -3.560000         5.700000 0.000000 0.000000 2500.000000
J-262    -3.560000         6.560000 0.000000 0.000000 2500.000000
J-266    -3.560000         5.850000 0.000000 0.000000 23260.810000
J-267    -4.060000         6.450000 0.000000 0.000000 21510.900000
J-268    -4.560000         6.860000 0.000000 0.000000 2500.000000
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J-27A    -3.560000         13.560000         0.000000 0.000000 2500.000000
J-280    -3.560000         5.600000 0.000000 0.000000 2500.000000
J-281    -3.560000         5.600000 0.000000 0.000000 2500.000000
J-282    -3.560000         5.900000 0.000000 0.000000 11694.000000
J-283    -3.560000         5.900000 0.000000 0.000000 2500.000000
J-284    -3.560000         5.860000 0.000000 0.000000 2500.000000
J-284-WEIR       0.000000 10.000000         0.000000 0.000000 2500.000000
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J-288    -3.560000         5.660000 0.000000 0.000000 12651.720000
J-288A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-290    -3.560000         6.400000 0.000000 0.000000 12038.740000
J-290A   0.000000 10.000000         0.000000 0.000000 2500.000000
J-293    -3.560000         6.400000 0.000000 0.000000 2500.000000
J-295    -3.560000         6.500000 0.000000 0.000000 2500.000000
J-296    -3.560000         6.200000 0.000000 0.000000 5791.220000
J-297    -3.560000         5.850000 0.000000 0.000000 2500.000000
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J-343    -4.060000         6.650000 0.000000 0.000000 2500.000000
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J-351    -3.560000         6.120000 0.000000 0.000000 7834.000000
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J-354B   -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-40     -3.560000         6.220000 0.000000 0.000000 14039.070000
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J-40B    -3.560000         13.560000         0.000000 0.000000 2500.000000
J-40C    -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-415    -5.160000         8.160000 0.000000 0.000000 13967.470000
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J-415B   0.000000 10.000000         0.000000 0.000000 2500.000000
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J-422    -3.560000         6.750000 0.000000 0.000000 8777.740000
J-422A   -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-423A   -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-427    -3.560000         6.400000 0.000000 0.000000 2500.000000
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J-430A   -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-432B   0.000000 10.000000         0.000000 0.000000 2500.000000
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J-444-WEIR       -5.060000         8.060000 0.000000 0.000000 2500.000000
J-445    -5.060000         8.060000 0.000000 0.000000 3786.810000
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J-482    -3.560000         6.570000 0.000000 0.000000 11059.730000
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J-485    -3.567000         6.567000 0.000000 0.000000 2500.000000
J-486    -3.560000         6.240000 0.000000 0.000000 2500.000000
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J-489    -3.560000         6.500000 0.000000 0.000000 14600.450000
J-491    -3.560000         6.170000 0.000000 0.000000 2500.000000
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J-495    -3.560000         6.969000 0.000000 0.000000 2500.000000
J-497    -3.560000         5.589000 0.000000 0.000000 9924.160000
J-498    -3.560000         6.271000 0.000000 0.000000 28411.750000
J-498A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-499    -3.560000         6.560000 0.000000 0.000000 2500.000000
J-5      -5.060000         6.860000 0.000000 0.000000 64418.000000
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J-500    -3.560000         6.156000 0.000000 0.000000 2500.000000
J-505    -3.560000         5.670000 0.000000 0.000000 2500.000000
J-508    -3.560000         6.560000 0.000000 0.000000 46745.460000
J-51     -3.960000         6.650000 0.000000 0.000000 2500.000000
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J-534    -3.560000         5.560000 0.000000 0.000000 18701.990000
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J-539    -3.560000         5.660000 0.000000 0.000000 10384.830000
J-539-WEIR       -3.560000         6.560000 0.000000 0.000000 2500.000000
J-539A   -3.560000         13.560000         0.000000 0.000000 0.000000
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J-541    -3.560000         6.100000 0.000000 0.000000 14164.550000
J-544    -3.560000         6.190000 0.000000 0.000000 15479.090000
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J-54A    0.000000 10.000000         0.000000 0.000000 2500.000000
J-54B    0.000000 10.000000         0.000000 0.000000 2500.000000
J-550    -3.560000         6.660000 0.000000 0.000000 8106.490000
J-553    -3.850000         7.100000 0.000000 0.000000 2500.000000
J-554    -4.037000         7.907000 0.000000 0.000000 2500.000000
J-555    -4.400000         8.290000 0.000000 0.000000 61016.600000
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J-558    -6.984000         9.774000 0.000000 0.000000 2500.000000
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J-561    -4.000000         8.000000 0.000000 0.000000 2500.000000
J-563    -3.560000         6.050000 0.000000 0.000000 13387.570000
J-563A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-565    -5.060000         7.750000 0.000000 0.000000 2500.000000
J-566    -5.060000         8.060000 0.000000 0.000000 2500.000000
J-566-WEIR       0.000000 10.000000         0.000000 0.000000 2500.000000
J-567    -4.000000         8.000000 0.000000 0.000000 2500.000000
J-568    -8.630000         11.630000         0.000000 0.000000 2500.000000
J-569    -6.246000         9.246000 0.000000 0.000000 2500.000000
J-570    -3.560000         5.600000 0.000000 0.000000 2500.000000
J-571    -3.560000         6.560000 0.000000 0.000000 67542.000000
J-571A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-571B   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-572A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-572B   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-575    -4.000000         8.000000 0.000000 0.000000 2500.000000
J-576    -4.060000         7.100000 0.000000 0.000000 2500.000000
J-577    -3.560000         6.560000 0.000000 0.000000 2500.000000
J-578    -4.060000         7.100000 0.000000 0.000000 2500.000000
J-58     -4.760000         5.661000 0.000000 0.000000 12030.960000
J-581    -5.060000         8.100000 0.000000 0.000000 2500.000000
J-585    -4.060000         6.950000 0.000000 0.000000 36112.000000
J-585B   -4.060000         14.060000         0.000000 0.000000 2500.000000
J-588    -4.560000         7.730000 0.000000 0.000000 2500.000000
J-58A    -4.760000         14.760000         0.000000 0.000000 2500.000000
J-59     -4.760000         5.828000 0.000000 0.000000 9102.000000
J-591    -6.060000         8.900000 0.000000 0.000000 26533.470000
J-591A   -6.060000         16.060000         0.000000 0.000000 2500.000000
J-591B   -6.060000         16.060000         0.000000 0.000000 2500.000000
J-596    -4.871000         7.961000 0.000000 0.000000 2500.000000
J-596A   -5.560000         15.560000         0.000000 0.000000 2500.000000
J-598    -3.560000         6.300000 0.000000 0.000000 43062.730000
J-598A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-598B   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-59A    -4.760000         14.760000         0.000000 0.000000 2500.000000
J-59B    -4.760000         14.760000         0.000000 0.000000 2500.000000
J-5A     -5.060000         15.060000         0.000000 0.000000 2500.000000
J-6      -4.754000         7.754000 0.000000 0.000000 2500.000000
J-60     -4.760000         5.808000 0.000000 0.000000 2500.000000
J-601    -3.560000         6.200000 0.000000 0.000000 2500.000000
J-602    -3.560000         6.050000 0.000000 0.000000 2500.000000
J-603    -3.560000         6.560000 0.000000 0.000000 2500.000000
J-604    -3.560000         5.560000 0.000000 0.000000 2500.000000
J-606    -4.060000         6.300000 0.000000 0.000000 1484.340000
J-607    -4.060000         6.500000 0.000000 0.000000 2500.000000
J-609    -3.560000         6.200000 0.000000 0.000000 2500.000000
J-61     -4.760000         5.883000 0.000000 0.000000 5882.000000
J-611    -3.560000         6.400000 0.000000 0.000000 74144.000000
J-611A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-611B   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-613    -3.560000         6.300000 0.000000 0.000000 2500.000000
J-615    -3.560000         6.300000 0.000000 0.000000 2500.000000
J-618    -3.560000         5.800000 0.000000 0.000000 545.260000
J-61A    0.000000 10.000000         0.000000 0.000000 2500.000000
J-623    -3.560000         6.100000 0.000000 0.000000 2500.000000
J-624    -3.560000         6.400000 0.000000 0.000000 25623.120000
J-624A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-626    -3.560000         6.160000 0.000000 0.000000 2500.000000
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J-629    -3.560000         6.200000 0.000000 0.000000 23106.430000
J-63     -3.560000         6.560000 0.000000 0.000000 17464.000000
J-632    -3.560000         6.100000 0.000000 0.000000 2500.000000
J-633    -4.060000         6.450000 0.000000 0.000000 15933.480000
J-637    -3.560000         5.700000 0.000000 0.000000 3557.480000
J-64     -3.560000         6.560000 0.000000 0.000000 2500.000000
J-640    -3.560000         5.770000 0.000000 0.000000 6782.160000
J-647    -3.560000         6.560000 0.000000 0.000000 17900.000000
J-647A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-647B   0.000000 10.000000         0.000000 0.000000 2500.000000
J-650    -3.560000         6.060000 0.000000 0.000000 2500.000000
J-653    -3.560000         6.200000 0.000000 0.000000 19086.930000
J-653A   0.000000 10.000000         0.000000 0.000000 2500.000000
J-654    -3.560000         6.200000 0.000000 0.000000 1916.260000
J-654A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-657    -3.560000         6.370000 0.000000 0.000000 3259.980000
J-659    -3.560000         6.100000 0.000000 0.000000 8590.630000
J-663    -4.560000         7.100000 0.000000 0.000000 43686.480000
J-665    -4.560000         7.000000 0.000000 0.000000 23349.430000
J-666    -4.560000         7.050000 0.000000 0.000000 2500.000000
J-67     -3.560000         6.500000 0.000000 0.000000 6612.830000
J-670    -4.560000         6.800000 0.000000 0.000000 2500.000000
J-672    -4.560000         7.560000 0.000000 0.000000 44534.000000
J-673    -4.560000         6.600000 0.000000 0.000000 45984.000000
J-673A   -4.560000         14.560000         0.000000 0.000000 2500.000000
J-678    -4.560000         6.700000 0.000000 0.000000 12812.430000
J-67A    -3.560000         6.500000 0.000000 0.000000 2500.000000
J-682    -2.560000         5.600000 0.000000 0.000000 14929.820000
J-684    -2.560000         6.270000 0.000000 0.000000 12457.670000
J-686    -2.560000         6.200000 0.000000 0.000000 2500.000000
J-687    -2.560000         6.000000 0.000000 0.000000 2743.420000
J-691    -2.560000         5.850000 0.000000 0.000000 2500.000000
J-692    -2.560000         5.860000 0.000000 0.000000 2500.000000
J-692-WEIR       -2.560000         5.860000 0.000000 0.000000 2500.000000
J-693    -2.560000         6.560000 0.000000 0.000000 2500.000000
J-697    -3.560000         7.560000 0.000000 0.000000 2500.000000
J-7      -4.560000         6.900000 0.000000 0.000000 2500.000000
J-700    -3.560000         6.850000 0.000000 0.000000 28498.000000
J-701    -3.560000         6.800000 0.000000 0.000000 2500.000000
J-702    -3.560000         6.810000 0.000000 0.000000 2500.000000
J-705    -3.560000         7.050000 0.000000 0.000000 2500.000000
J-707    -3.560000         6.750000 0.000000 0.000000 2500.000000
J-710    -3.560000         6.850000 0.000000 0.000000 28376.000000
J-712    -3.560000         6.850000 0.000000 0.000000 22628.070000
J-714    -3.560000         6.850000 0.000000 0.000000 27138.740000
J-719    -3.560000         6.850000 0.000000 0.000000 15352.470000
J-72     -3.560000         6.560000 0.000000 0.000000 2500.000000
J-721    -3.560000         6.860000 0.000000 0.000000 2500.000000
J-725    -3.560000         6.850000 0.000000 0.000000 2500.000000
J-728    -3.560000         6.850000 0.000000 0.000000 20577.140000
J-73     -3.560000         6.560000 0.000000 0.000000 2500.000000
J-734    -3.560000         6.850000 0.000000 0.000000 12826.060000
J-734A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-734B   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-735    -3.560000         6.560000 0.000000 0.000000 2500.000000
J-736    -3.560000         6.860000 0.000000 0.000000 2500.000000
J-74     -3.560000         6.560000 0.000000 0.000000 9928.000000
J-740    -4.760000         6.107000 0.000000 0.000000 2500.000000
J-741    -4.760000         6.493000 0.000000 0.000000 2500.000000
J-744    -4.760000         5.901000 0.000000 0.000000 2500.000000
J-745    -4.760000         5.889000 0.000000 0.000000 2500.000000
J-745A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-748    -4.760000         6.194000 0.000000 0.000000 2500.000000
J-748-WEIR-STANTEC        -4.760000         6.194000 0.000000 0.000000 2500.000000
J-748A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-749    -4.760000         6.256000 0.000000 0.000000 2500.000000
J-750    -4.760000         7.215000 0.000000 0.000000 14346.200000
J-750A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-751    -4.910000         6.492000 0.000000 0.000000 2500.000000
J-752    -5.360000         6.762000 0.000000 0.000000 2500.000000
J-753    -5.473000         6.920000 0.000000 0.000000 2500.000000
J-754    -5.571000         6.952000 0.000000 0.000000 15814.380000
J-754-WEIR-STANTEC        -5.360000         6.762000 0.000000 0.000000 2500.000000
J-754A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-755    -3.560000         6.400000 0.000000 0.000000 2500.000000
J-757    -5.560000         8.450000 0.000000 0.000000 18502.160000
J-760    -3.560000         5.457000 0.000000 0.000000 2500.000000
J-761    -4.560000         7.052000 0.000000 0.000000 2500.000000
J-763    -5.060000         8.060000 0.000000 0.000000 37568.600000
J-764    -5.060000         7.400000 0.000000 0.000000 2500.000000
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J-766    -3.560000        6.850000 0.000000 0.000000 12336.840000
J-766A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-768    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-769    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-77     -3.560000        5.950000 0.000000 0.000000 2500.000000
J-771    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-772    -3.560000        6.860000 0.000000 0.000000 2500.000000
J-774    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-776    -3.560000        6.850000 0.000000 0.000000 11315.120000
J-778    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-77A    -3.560000        13.560000        0.000000 0.000000 2500.000000
J-77B    -3.560000        13.560000        0.000000 0.000000 2500.000000
J-780    -3.560000        6.860000 0.000000 0.000000 2500.000000
J-782    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-784    -3.560000        6.850000 0.000000 0.000000 17310.070000
J-786    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-788    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-790    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-792    -3.560000        6.860000 0.000000 0.000000 2500.000000
J-793    -3.560000        6.850000 0.000000 0.000000 6044.330000
J-795    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-799    -3.600000        7.040000 0.000000 0.000000 2500.000000
J-799-WEIR-EAC   -3.600000        7.040000 0.000000 0.000000 2500.000000
J-80     -3.560000        6.560000 0.000000 0.000000 16203.440000
J-800    -3.600000        6.240000 0.000000 0.000000 2500.000000
J-802    -3.600000        6.140000 0.000000 0.000000 2500.000000
J-806    -3.600000        6.140000 0.000000 0.000000 2500.000000
J-809    -3.600000        6.190000 0.000000 0.000000 2992.240000
J-810    -3.600000        5.940000 0.000000 0.000000 2500.000000
J-813    -3.600000        6.040000 0.000000 0.000000 2500.000000
J-816    -3.600000        5.940000 0.000000 0.000000 26471.900000
J-819    -3.600000        6.140000 0.000000 0.000000 2500.000000
J-82     -4.060000        7.060000 0.000000 0.000000 2500.000000
J-822    -3.600000        6.040000 0.000000 0.000000 27135.030000
J-826    -3.600000        5.940000 0.000000 0.000000 31337.950000
J-829    -3.600000        6.140000 0.000000 0.000000 2500.000000
J-83     -4.060000        7.060000 0.000000 0.000000 14461.760000
J-831    -3.600000        6.090000 0.000000 0.000000 25597.450000
J-836    -3.600000        6.140000 0.000000 0.000000 22917.370000
J-838    -3.600000        5.940000 0.000000 0.000000 25628.020000
J-83A    -4.060000        14.060000        0.000000 0.000000 2500.000000
J-84     -4.060000        7.060000 0.000000 0.000000 2500.000000
J-841    -3.600000        5.740000 0.000000 0.000000 2500.000000
J-844    -3.600000        5.540000 0.000000 0.000000 45067.350000
J-848    -3.600000        6.040000 0.000000 0.000000 2500.000000
J-850    -3.600000        6.600000 0.000000 0.000000 2500.000000
J-851    -3.600000        6.290000 0.000000 0.000000 3393.710000
J-856    -9.000000        12.500000        0.000000 0.000000 2500.000000
J-860    -3.600000        5.690000 0.000000 0.000000 2632.190000
J-863    -3.600000        5.690000 0.000000 0.000000 2500.000000
J-865    -3.600000        6.140000 0.000000 0.000000 9388.280000
J-868    -3.600000        6.040000 0.000000 0.000000 2500.000000
J-87     -4.060000        6.500000 0.000000 0.000000 2500.000000
J-870    -3.600000        6.190000 0.000000 0.000000 14785.630000
J-879    -8.500000        12.000000        0.000000 0.000000 29246.160000
J-88     -4.060000        6.500000 0.000000 0.000000 2500.000000
J-880    -4.060000        5.660000 0.000000 0.000000 11978.020000
J-881    -3.560000        8.230000 0.000000 0.000000 2500.000000
J-882    -3.560000        5.560000 0.000000 0.000000 23663.500000
J-883    -3.560000        5.560000 0.000000 0.000000 2500.000000
J-884    -3.560000        5.560000 0.000000 0.000000 2500.000000
J-888    -3.560000        5.439000 0.000000 0.000000 2500.000000
J-889    -3.560000        5.516000 0.000000 0.000000 2500.000000
J-891    -3.560000        5.560000 0.000000 0.000000 522.120000
J-892    -3.560000        5.664000 0.000000 0.000000 2500.000000
J-894    -3.560000        5.321000 0.000000 0.000000 1207.190000
J-896    -3.560000        5.189000 0.000000 0.000000 2500.000000
J-899    -3.560000        5.660000 0.000000 0.000000 16105.000000
J-899A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-902    -4.462000        6.049000 0.000000 0.000000 2500.000000
J-903    -4.372000        6.840000 0.000000 0.000000 9536.400000
J-903A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-910    -3.560000        7.560000 0.000000 0.000000 26296.000000
J-912    -3.560000        7.560000 0.000000 0.000000 64525.790000
J-917    -3.500000        9.500000 0.000000 0.000000 2500.000000
J-918    -3.500000        6.540000 0.000000 0.000000 37468.710000
J-920    -4.000000        8.000000 0.000000 0.000000 2500.000000
J-934    -3.560000        5.643000 0.000000 0.000000 7798.960000
J-934A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-951    -3.560000        8.180000 0.000000 0.000000 16032.620000
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J-953    -3.560000        7.600000 0.000000 0.000000 2500.000000
J-954    -3.560000        7.000000 0.000000 0.000000 2500.000000
J-958    -1.360000        3.460000 0.000000 0.000000 10677.380000
J-96     -4.060000        7.060000 0.000000 0.000000 2500.000000
J-963    -4.560000        4.560000 0.000000 0.000000 2500.000000
J-99     -3.560000        5.600000 0.000000 0.000000 2500.000000
JCT-24   -3.560000        6.000000 0.000000 0.000000 2500.000000
JCT-26   -5.938000        8.000000 0.000000 0.000000 2500.000000
JCT-26-WEIR      -5.938000        8.000000 0.000000 0.000000 2500.000000
JCT-28   -4.060000        7.060000 0.000000 0.000000 46524.000000
JCT-28-WEIR      -4.060000        7.060000 0.000000 0.000000 2500.000000
JCT-30   -4.560000        4.560000 0.000000 0.000000 2500.000000
JCT-32   -3.560000        6.214000 0.000000 0.000000 21718.000000
JCT-32-WEIR      -3.560000        6.214000 0.000000 0.000000 2500.000000
JCT-36   -9.000000        12.800000        0.000000 10.000000        2500.000000
JCT-46   -3.560000        6.560000 0.000000 0.000000 2500.000000
JCT-64   -4.000000        6.500000 0.000000 0.000000 2500.000000

[OUTFALLS]
J-171    -4.000000        TIDAL    C-TIDE   NO
J-263    -4.000000        TIDAL    C-TIDE   NO
J-279    -4.000000        TIDAL    C-TIDE   NO
J-33A    -1.000000        FREE     NO
J-386    -1.000000        FREE     NO
J-442    -4.000000        TIDAL    C-TIDE   NO
J-561A   -4.000000        TIDAL    C-TIDE   NO
J-567A   -4.000000        FREE     NO
J-582    -5.490499        TIDAL    C-TIDE   NO
J-605    -4.000000        TIDAL    C-TIDE   NO
J-671    -4.000000        TIDAL    C-TIDE   NO
J-694    -4.000000        TIDAL    C-TIDE   NO
J-703    -4.000000        TIDAL    C-TIDE   NO
J-909    -4.000000        TIDAL    C-TIDE   NO
J-911    -4.000000        TIDAL    C-TIDE   NO
J-913    -4.000000        TIDAL    C-TIDE   NO
J-919    -4.000000        TIDAL    C-TIDE   NO
J-920A   -4.000000        TIDAL    C-TIDE   NO
J-963A   -2.560000        TIDAL    C-TIDE   NO
J575A    -4.000000        TIDAL    C-TIDE   NO
OFALL-10 -1.500000        FREE     NO
OFALL-12 -1.000000        FREE     NO
OFALL-14 -1.000000        FREE     NO
OFALL-16 -1.500000        FREE     NO
OFALL-18 -1.000000        FREE     NO
OFALL-20 -1.000000        FREE     NO
OFALL-22 -1.000000        FREE     NO
OFALL-24 -1.000000        FREE     NO
OFALL-26 -1.000000        FREE     NO
OFALL-28 -1.000000        FREE     NO
OFALL-30 -2.000000        FREE     NO
OFALL-32 -1.000000        FREE     NO
OFALL-34 -1.000000        FREE     NO
OFALL-36 -1.000000        FREE     NO
OFALL-38 -2.560000        FREE     NO
OFALL-40 -1.000000        FREE     NO
OFALL-42 -1.000000        FREE     NO
OFALL-44 -2.500000        FREE     NO
OFALL-46 -1.000000        FREE     NO
OFALL-48 -1.000000        FREE     NO
OFALL-50 -1.000000        FREE     NO
OFALL-52 -1.000000        FREE     NO
OFALL-54 -1.000000        FREE     NO
OFALL-66 -1.000000        FREE     NO
WELL-2E  -2.500000        STAGEFLOW        2E       NO
WELL-3   -1.500000        STAGEFLOW        3W       NO
WELL-4   -1.500000        STAGEFLOW        4E       NO
WELL-W-ENID-DR   -1.000000        FREE     NO

[DIVIDERS]

[STORAGE]
J-856-STORAGE-NEW-16.000000       19.000000        0.000000 TABULAR  WET-WELL 0.000000 0.000000

[CONDUITS]
C-WELL3W JCT-36   WELL-3   36.227466        0.012000 7.800000 0.000000 0.000000 0.000000
C-WELL4E JCT-36   WELL-4   46.598435        0.012000 7.800000 0.000000 0.000000 0.000000
CDT-101  J-188A   J-188    20.000000        0.012000 0.000000 0.500000 0.000000 0.000000
CDT-103  J-191    J-191A   20.000000        0.012000 0.000000 0.000000 0.000000 0.000000
CDT-105  J-341    J-341A   20.000000        0.012000 0.000000 0.000000 0.000000 0.000000
CDT-107  J-745A   J-745    20.000000        0.012000 0.000000 1.200000 0.000000 0.000000
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CDT-109	J-748A	J-748	20.000000	0.012000	0.000000	1.200000	0.000000	0.000000	
CDT-11	JCT-26	J-581	239.802903	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-111	J-750A	J-750	20.000000	0.012000	0.000000	1.200000	0.000000	0.000000	
CDT-113	J-351A	J-351	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-115	J-195A	J-195	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-121	JCT-46	WELL-2E	3.736669	0.012000	0.000000	-1.060000	0.000000	0.000000	
CDT-123	J-354B	J-354A	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-125	J-355A	J-355	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-171	J-455	J-459	310.140000	0.012000	1.310000	0.430000	0.000000	0.000000	
CDT-173	J-596A	J-757	10.000000	0.012000	5.560000	5.560000	0.000000	0.000000	
CDT-175	J-611A	J-611	10.000000	0.012000	3.560000	3.560000	0.000000	0.000000	
CDT-177	J-611B	J-611	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-179	J-598B	J-598	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-181	J-572A	JCT-28	10.000000	0.012000	0.000000	0.500000	0.000000	0.000000	
CDT-183	J-585B	J-585	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-185	JCT-28	J-572B	10.000000	0.012000	0.500000	0.000000	0.000000	0.000000	
CDT-187	J-591B	J-591	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-189	J-591	J-591A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-191	J-598A	J-598	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-193	J-5	J-5A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-195	J-673A	J-673	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-197	J-654	J-654A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-199	J-19A	J-18	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-201	J-25A	J-25	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-205	J-653	J-653A	10.000000	0.012000	0.000000	-3.560000	0.000000	0.000000	0.000000
CDT-207	J-563	J-563A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-209	J-571A	J-571	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-211	J-571	J-571B	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-213	J-288A	J-288	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-215	J-290	J-290A	10.000000	0.012000	0.000000	-3.560000	0.000000	0.000000	0.000000
CDT-217	J-15	J-15A	10.000000	0.012000	0.000000	-4.060000	0.000000	0.000000	0.000000
CDT-219	J-328	J-328A	10.000000	0.012000	0.000000	-3.560000	0.000000	0.000000	0.000000
CDT-221	J-314A	J-314	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-223	J-27A	J-27	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-225	J-321A	J-321	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-227	J-647	J-647A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-229	J-40B	J-40	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-231	J-40	J-40C	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-233	J-42A	J-42	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-235	J-647	J-647B	10.000000	0.012000	0.000000	-3.560000	0.000000	0.000000	0.000000
CDT-237	J-61A	J-61	10.000000	0.012000	-4.760000	0.000000	0.000000	0.000000	0.000000
CDT-239	J-58A	J-58	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-241	J-40A	J-40	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-243	J-54A	J-54	10.000000	0.012000	-4.760000	0.000000	0.000000	0.000000	0.000000
CDT-245	J-54	J-54B	10.000000	0.012000	0.000000	-4.760000	0.000000	0.000000	0.000000
CDT-247	J-624	J-624A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-249	J-899A	J-899	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-251	J-324A	J-324	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-253	J-31A	J-31	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-255	J-59A	J-59	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-257	J-59B	J-59	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-259	J-77A	J-77	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-261	J-83A	J-83	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-263	J-498A	J-498	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-265	J-734	J-734B	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-267	J-734	J-734A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-269	J-766A	J-766	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-271	J-430A	J-430	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-273	J-431A	J-431	10.000000	0.012000	0.000000	1.982000	0.000000	0.000000	
CDT-275	J-158	J-158A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-277	J-415A	J-415	10.000000	0.012000	0.000000	1.600000	0.000000	0.000000	
CDT-279	J-431	J-432B	10.000000	0.012000	1.982000	-3.560000	0.000000	0.000000	0.000000
CDT-281	J-415B	J-415	10.000000	0.012000	-3.560000	1.600000	0.000000	0.000000	0.000000
CDT-283	J-77	J-77B	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-285	J-402A	J-402	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-287	J-422	J-422A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-289	J-380	J-380A	10.000000	0.012000	0.500000	0.000000	0.000000	0.000000	
CDT-291	J-459	J-459A	10.000000	0.012000	0.430000	0.000000	0.000000	0.000000	
CDT-293	J-423A	J-423	10.000000	0.012000	0.000000	1.500000	0.000000	0.000000	
CDT-295	J-754	J-754A	10.000000	0.012000	2.011000	0.000000	0.000000	0.000000	
CDT-297	J-934	J-934A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-299	J-903A	J-903	10.000000	0.012000	0.000000	0.812000	0.000000	0.000000	
CDT-439	J-238	JCT-64	134.625802	0.012000	1.000000	0.440000	0.000000	0.000000	
CDT-525	J-539	J-539A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-539	J-479	J-470	747.101643	0.012000	1.064000	0.000000	0.000000	0.000000	
CDT-87	J-856	J-856-STORAGE-NEW	3.189517	0.012000	5.400000	12.400000	0.000000	0.000000	
CDT-91	J-126	J-126A	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-93	J-223	J-223A	20.000000	0.012000	1.500000	0.000000	0.000000	0.000000	
CDT-95	J-180	J-180A	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-97	J-185A	J-185	20.000000	0.012000	0.000000	0.500000	0.000000	0.000000	

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CDT-99   J-213A   J-213    20.000000        0.012000 0.000000 0.000000 0.000000 0.000000
J-963_OUTFALL     J-693    J-963A   15.000000        0.012000 0.000000 0.000000 0.000000 0.000000
J561_OUTFALL      J-561    J-561A   15.000000        0.012000 0.000000 0.000000 0.000000 0.000000
J575_OUTFALL      J-575    J575A    15.000000        0.012000 0.000000 0.000000 0.000000 0.000000
J920_OUTFALL      J-920    J-920A   15.000000        0.012000 0.000000 0.000000 0.000000 0.000000
LINK-WELL-2       J-879    JCT-36   118.306169       0.012000 0.500000 0.900000 0.000000 0.000000
U-1      J-5      J-565    200.512385       0.012000 0.000000 0.000000 0.000000 0.000000
U-100    J-170    J-169    219.419864       0.012000 0.000000 0.000000 0.000000 0.000000
U-101    J-164    J-165    102.446759       0.012000 0.000000 0.000000 0.000000 0.000000
U-102    J-169    J-168    197.685935       0.012000 0.000000 0.000000 0.000000 0.000000
U-103    J-165    J-166    171.497204       0.012000 0.000000 0.000000 0.000000 0.000000
U-104    J-168    J-167    33.243851        0.012000 0.000000 0.000000 0.000000 0.000000
U-105    J-166    J-167    50.643132        0.012000 0.000000 0.000000 0.000000 0.000000
U-106    J-167    J-171    236.682081       0.012000 0.000000 0.000000 0.000000 0.000000
U-11     J-12     J-11     19.277000        0.012000 0.000000 0.000000 0.000000 0.000000
U-110    J-84     J-83     46.553961        0.012000 0.000000 0.000000 0.000000 0.000000
U-112    J-82     J-83     31.113550        0.012000 0.000000 0.000000 0.000000 0.000000
U-113    J-761    J-104    283.916615       0.012000 0.500000 0.500000 0.000000 0.000000
U-114    J-188    J-82     298.407251       0.012000 0.000000 0.000000 0.000000 0.000000
U-118    J-87     J-88     43.228899        0.012000 0.000000 0.000000 0.000000 0.000000
U-121    J-185    J-87     255.519581       0.012000 0.000000 0.000000 0.000000 0.000000
U-122    J-88     J-96     81.712998        0.012000 0.000000 0.000000 0.000000 0.000000
U-125    J-96     J-102    220.931742       0.012000 0.500000 1.000000 0.000000 0.000000
U-129    J-99     J-102    21.943785        0.012000 0.000000 1.000000 0.000000 0.000000
U-13     J-11     J-7      229.686000       0.012000 0.000000 0.000000 0.000000 0.000000
U-131    J-180    J-99     226.986039       0.012000 0.000000 0.000000 0.000000 0.000000
U-141    J-213    J-212    162.826343       0.012000 0.000000 0.000000 0.000000 0.000000
U-142    J-212    J-209    171.007246       0.012000 0.000000 0.000000 0.000000 0.000000
U-147    J-195    J-198    262.047400       0.012000 0.000000 0.000000 0.000000 0.000000
U-15     J-15     J-11     218.802000       0.012000 -0.500000        0.000000 0.000000 0.000000
U-150    J-198    J-199    227.296439       0.012000 0.000000 0.000000 0.000000 0.000000
U-153    J-199    J-204    73.213902        0.012000 0.000000 0.000000 0.000000 0.000000
U-155    J-204    J-203    19.747083        0.012000 0.000000 0.000000 0.000000 0.000000
U-156    J-203    J-206    195.994115       0.012000 0.000000 0.000000 0.000000 0.000000
U-158    J-206    J-208    51.880602        0.012000 0.000000 0.000000 0.000000 0.000000
U-16     J-25     J-18     242.370364       0.012000 0.000000 0.000000 0.000000 0.000000
U-160    J-209    J-208    278.076192       0.012000 0.000000 0.000000 0.000000 0.000000
U-161    J-217    J-218    340.876187       0.012000 4.133000 3.576000 0.000000 0.000000
U-165    J-324    J-323    178.514880       0.012000 0.000000 0.000000 0.000000 0.000000
U-167    J-323    J-317    249.833435       0.012000 0.000000 0.000000 0.000000 0.000000
U-17     J-18     J-15     49.694821        0.012000 0.000000 0.000000 0.000000 0.000000
U-171    J-321    J-317    260.589371       0.012000 0.000000 0.000000 0.000000 0.000000
U-172    J-317    J-312    249.492000       0.012000 0.000000 0.000000 0.000000 0.000000
U-176    J-314    J-312    173.180000       0.012000 0.000000 0.000000 0.000000 0.000000
U-177    J-312    J-310    96.610000        0.012000 0.000000 0.000000 0.000000 0.000000
U-18     J-24     J-25     34.052948        0.012000 0.000000 0.000000 0.000000 0.000000
U-181    J-310    J-305    290.302000       0.012000 0.000000 0.500000 0.000000 0.000000
U-184    J-305    J-304    94.163000        0.012000 0.500000 0.500000 0.000000 0.000000
U-186    J-304    J-300    139.074000       0.012000 0.500000 0.500000 0.000000 0.000000
U-191    J-290    J-293    180.063678       0.012000 0.000000 0.000000 0.000000 0.000000
U-193    J-293    J-295    32.900646        0.012000 0.000000 0.000000 0.000000 0.000000
U-195    J-295    J-296    43.311546        0.012000 0.000000 0.000000 0.000000 0.000000
U-196    J-296    J-297    187.654573       0.012000 0.000000 0.000000 0.000000 0.000000
U-197    J-297    J-300    25.841000        0.012000 0.000000 0.500000 0.000000 0.000000
U-199    J-300    J-301    33.033000        0.012000 0.500000 0.500000 0.000000 0.000000
U-20     J-27     J-24     202.181471       0.012000 0.000000 0.000000 0.000000 0.000000
U-200    J-301    J-286    98.280000        0.012000 0.500000 0.500000 0.000000 0.000000
U-201    J-286    J-285    120.744000       0.012000 0.500000 1.000000 0.000000 0.000000
U-202    J-275    J-285    67.272000        0.012000 1.000000 1.000000 0.000000 0.000000
U-203    J-285    J-284    61.135000        0.012000 1.000000 0.000000 0.000000 0.000000
U-204    J-283    J-284    31.881000        0.012000 0.000000 0.000000 0.000000 0.000000
U-206    J-288    J-284    106.191000       0.012000 0.000000 0.000000 0.000000 0.000000
U-207    J-283    J-282    81.062937        0.012000 0.000000 0.000000 0.000000 0.000000
U-208    J-282    J-281    58.201898        0.012000 0.000000 0.000000 0.000000 0.000000
U-211    J-281    J-280    188.232057       0.012000 0.000000 0.000000 0.000000 0.000000
U-213    J-280    J-278    112.480002       0.012000 0.000000 0.000000 0.000000 0.000000
U-214    J-278    J-279    95.320134        0.012000 4.260000 0.000000 0.000000 0.000000
U-22     J-647    J-36     113.681000       0.012000 0.000000 0.000000 0.000000 0.000000
U-220    J-275    J-268    182.901000       0.012000 0.000000 0.000000 0.000000 0.000000
U-221    J-269    J-268    16.910000        0.012000 0.000000 0.000000 0.000000 0.000000
U-227    J-244    J-247    83.565000        0.012000 0.000000 0.000000 0.000000 0.000000
U-228    J-247    J-248    222.636458       0.012000 0.000000 0.000000 0.000000 0.000000
U-231    J-248    J-249    30.579487        0.012000 0.000000 0.000000 0.000000 0.000000
U-232    J-249    J-269    293.098408       0.012000 0.000000 0.000000 0.000000 0.000000
U-233    J-267    J-268    273.287000       0.012000 0.500000 1.000000 0.000000 0.000000
U-237    J-242    J-238    330.766000       0.012000 0.000000 1.000000 0.000000 0.000000
U-239    J-238    J-249    315.994000       0.012000 1.000000 0.000000 0.000000 0.000000
U-240    J-235    JCT-64   252.075000       0.012000 0.000000 0.440000 0.000000 0.000000
U-242    J-233    J-235    21.848000        0.012000 0.000000 0.000000 0.000000 0.000000
U-244    J-235    J-208    249.268000       0.012000 0.000000 0.000000 0.000000 0.000000
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U-245	J-232	J-233	159.330364	0.012000	0.000000	0.000000	0.000000	0.000000	
U-249	J-226	J-232	144.440992	0.012000	0.000000	0.000000	0.000000	0.000000	
U-25	J-36	J-33	15.028000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-251	J-225	J-226	49.694517	0.012000	0.000000	0.000000	0.000000	0.000000	
U-253	J-223	J-225	211.990906	0.012000	1.500000	0.000000	0.000000	0.000000	
U-254	J-218	J-222	20.708955	0.012000	3.576000	1.606000	0.000000	0.000000	
U-256	J-222	J-223	28.664766	0.012000	1.606000	1.500000	0.000000	0.000000	
U-259	J-266	J-267	49.741000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-26	J-33	J-31	216.194000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-260	J-261	J-266	283.251909	0.012000	0.000000	0.000000	0.000000	0.000000	
U-261	J-260	J-261	33.194945	0.012000	3.690000	3.690000	0.000000	0.000000	
U-262-NEW		J-261-WEIR	J-262	17.314000		0.012000	3.300000	3.300000	0.000000	0.000000
U-263	J-262	J-263	96.061462	0.012000	3.300000	0.000000	0.000000	0.000000	
U-265	J-259	J-260	37.688009	0.012000	4.910000	3.690000	0.000000	0.000000	
U-267	J-253	J-254	185.553945	0.012000	0.000000	0.000000	0.000000	0.000000	
U-270	J-254	J-256	134.774970	0.012000	0.000000	0.000000	0.000000	0.000000	
U-271	J-256	J-259	184.755897	0.012000	0.000000	0.000000	0.000000	0.000000	
U-274	J-327	J-25	37.169311	0.012000	0.000000	0.000000	0.000000	0.000000	
U-277	J-328	J-327	212.958938	0.012000	0.000000	0.000000	0.000000	0.000000	
U-28	J-31	J-30	106.164523	0.012000	0.000000	0.000000	0.000000	0.000000	
U-280	J-341	J-335	405.226846	0.012000	0.000000	0.000000	0.000000	0.000000	
U-286	J-191	J-333	307.493574	0.012000	0.000000	0.000000	0.000000	0.000000	
U-289	J-333	J-80	303.945884	0.012000	0.000000	0.000000	0.000000	0.000000	
U-29	J-30	J-27	195.204363	0.012000	0.000000	0.000000	0.000000	0.000000	
U-290	J-335	J-334	170.285877	0.012000	0.000000	0.000000	0.000000	0.000000	
U-291	J-334	J-72	159.776000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-293	J-80	J-77	32.168062	0.012000	0.000000	0.000000	0.000000	0.000000	
U-294	J-77	J-73	205.082674	0.012000	0.000000	0.000000	0.000000	0.000000	
U-295	J-73	J-72	34.443000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-298	J-74	J-72	39.854000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-299	J-72	J-63	35.418000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-300	J-63	J-64	25.821024	0.012000	0.000000	0.000000	0.000000	0.000000	
U-304	J-64	J-67	192.325456	0.012000	0.000000	0.000000	0.000000	0.000000	
U-308	J-67A	J-342	233.378129	0.012000	0.000000	0.000000	0.000000	0.000000	
U-308A	J-67A	J-67	65.604329	0.012000	0.000000	0.000000	0.000000	0.000000	
U-309	J-399	J-74	188.993895	0.012000	0.000000	0.000000	0.000000	0.000000	
U-312	J-342	J-362	301.557852	0.012000	1.560000	1.560000	0.000000	0.000000	
U-315	J-362	J-363	133.021697	0.012000	0.000000	0.000000	0.000000	0.000000	
U-316	J-363	J-364	69.057172	0.012000	0.000000	0.000000	0.000000	0.000000	
U-319	J-364	J-374	225.122613	0.012000	0.000000	0.000000	0.000000	0.000000	
U-322	J-374	J-380	222.640000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-325	J-380	J-381	269.111000	0.012000	0.500000	1.500000	0.000000	0.000000	
U-327	J-381	J-384	252.658000	0.012000	1.500000	1.000000	0.000000	0.000000	
U-328	J-375	J-384	330.087000	0.012000	0.500000	1.000000	0.000000	0.000000	
U-330	J-384	J-385	157.726000	0.012000	0.000000	-1.000000		0.000000	0.000000
U-332	J-385	J-388	164.167000	0.012000	-1.000000		0.000000	0.000000	0.000000
U-335	J-393	J-389	188.327152	0.012000	0.000000	0.000000	0.000000	0.000000	
U-337	J-389	J-388	54.830000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-34	J-40	J-632	344.622222	0.012000	0.000000	0.000000	0.000000	0.000000	
U-341	J-388	J-417	250.537720	0.012000	0.000000	0.000000	0.000000	0.000000	
U-344	J-396	J-393	333.879752	0.012000	0.000000	0.000000	0.000000	0.000000	
U-345	J-399	J-396	316.095066	0.012000	0.000000	0.000000	0.000000	0.000000	
U-346	J-368	J-367	25.955315	0.012000	0.000000	0.000000	0.000000	0.000000	
U-347	J-367	J-67	353.661798	0.012000	0.000000	0.000000	0.000000	0.000000	
U-348	J-368	J-369	228.747187	0.012000	0.000000	0.000000	0.000000	0.000000	
U-35	J-760	J-618	305.693143	0.012000	0.000000	0.000000	0.000000	0.000000	
U-351	J-369	J-375	288.275000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-352	J-175	J-174	242.033000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-353	J-174	J-160	41.105000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-354	J-160	J-176	155.970787	0.012000	0.000000	0.000000	0.000000	0.000000	
U-357	J-176	J-179	223.939000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-358	J-179	J-84	40.356000	0.012000	0.500000	0.500000	0.000000	0.000000	
U-364	J-354	J-355	308.400847	0.012000	0.000000	0.000000	0.000000	0.000000	
U-364A	J-354A	J-354	249.866008	0.012000	0.000000	0.000000	0.000000	0.000000	
U-366	J-351	J-348	369.341201	0.012000	0.000000	0.000000	0.000000	0.000000	
U-37	J-42	J-888	19.586559	0.012000	0.000000	0.000000	0.000000	0.000000	
U-372	J-348	J-67	318.636749	0.012000	0.000000	0.000000	0.000000	0.000000	
U-373	J-359	J-343	132.480029	0.012000	0.000000	0.000000	0.000000	0.000000	
U-376	J-343	J-342	32.086634	0.012000	0.000000	0.000000	0.000000	0.000000	
U-379	J-402	J-405	314.114124	0.012000	0.000000	0.000000	0.000000	0.000000	
U-38	J-760	J-42	21.503211	0.012000	0.000000	0.000000	0.000000	0.000000	
U-382	J-405	J-407	218.061493	0.012000	0.000000	0.000000	0.000000	0.000000	
U-385	J-407	J-409	249.314000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-386	J-409	J-410	41.316558	0.012000	0.000000	0.000000	0.000000	0.000000	
U-388	J-415	J-414	95.288000	0.012000	1.600000	0.000000	0.000000	0.000000	
U-390	J-414	J-416	29.409000	0.012000	0.000000	1.000000	0.000000	0.000000	
U-391	J-416	J-412	176.779000	0.012000	0.000000	-1.000000		0.000000	0.000000
U-392	J-410	J-412	34.264000	0.012000	-0.500000		-1.000000		0.000000	0.000000
U-394	J-412	J-417	267.291000	0.012000	-1.000000		0.000000	0.000000	0.000000	
U-397	J-422	J-421	359.083217	0.012000	0.000000	0.000000	0.000000	0.000000	

U-398	J-421	J-417	164.787000	0.012000	0.000000	1.000000	0.000000	0.000000	
U-399	J-417	J-423	233.527000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-402	J-430	J-427	235.578009	0.012000	0.000000	0.000000	0.000000	0.000000	
U-404	J-427	J-424	56.370635	0.012000	0.000000	0.000000	0.000000	0.000000	
U-406	J-424	J-423	270.427000	0.012000	0.000000	1.500000	0.000000	0.000000	
U-407	J-431	J-432	27.996000	0.012000	1.982000	1.819000	0.000000	0.000000	
U-408	J-432	J-433	317.943000	0.012000	1.819000	-0.030000	0.000000	0.000000	
U-409	J-433	J-434	55.128000	0.012000	-0.030000	0.000000	0.000000	0.000000	
U-411	J-434	J-435	189.035000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-412	J-435	J-436	189.135000	0.012000	3.450000	3.010000	0.000000	0.000000	
U-413	J-436	J-437	43.501000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-414	J-437	J-439	192.906000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-415	J-438	J-439	57.310000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-416	J-439	J-441	492.036000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-417	J-441	J-440	63.978847	0.012000	1.700000	3.200000	0.000000	0.000000	
U-418	J-763	J-440	428.657000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-419	J-440	J-442	36.254000	0.012000	0.000000	-1.060000	0.000000	0.000000	
U-420	J-498	J-499	48.438000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-421	J-499	J-500	78.961000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-423	J-500	J-505	215.569000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-428	J-505	J-508	297.075000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-430	J-508	J-512	444.831000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-434	J-512	J-518	261.687390	0.012000	0.000000	0.000000	0.000000	0.000000	
U-437	J-518	J-497	277.452000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-439	J-497	J-493	130.050000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-44	J-47	J-51	231.916765	0.012000	0.000000	0.000000	0.000000	0.000000	
U-440	J-493	J-492	256.995152	0.012000	0.000000	0.654000	0.000000	0.000000	
U-441	J-492	J-491	283.102323	0.012000	0.654000	1.220000	0.000000	0.000000	
U-443	J-491	J-489	113.399387	0.012000	1.220000	1.300000	0.000000	0.000000	
U-445	J-489	J-487	242.800953	0.012000	1.300000	0.910000	0.000000	0.000000	
U-447	J-484	J-485	25.969315	0.012000	0.000000	0.000000	0.000000	0.000000	
U-448	J-485	J-486	85.122733	0.012000	0.000000	0.541000	0.000000	0.000000	
U-449	J-487	J-486	158.389258	0.012000	0.910000	0.541000	0.000000	0.000000	
U-45	J-50	J-47	329.828680	0.012000	0.000000	0.000000	0.000000	0.000000	
U-450	J-486	J-482	133.310252	0.012000	0.541000	1.400000	0.000000	0.000000	
U-451	J-482	J-481	241.647320	0.012000	1.400000	1.140000	0.000000	0.000000	
U-452	J-481	J-480	248.653529	0.012000	1.140000	1.250000	0.000000	0.000000	
U-454	J-480	J-478	143.711401	0.012000	1.250000	1.099000	0.000000	0.000000	
U-456	J-478	J-479	32.465628	0.012000	1.099000	1.064000	0.000000	0.000000	
U-463	J-470	J-471	219.212819	0.012000	2.460000	0.439000	0.000000	0.000000	
U-464	J-471	J-466	234.893630	0.012000	0.439000	0.107000	0.000000	0.000000	
U-466	J-466	J-463	216.419000	0.012000	0.000000	1.360000	0.000000	0.000000	
U-468	J-468	J-958	38.150263	0.012000	3.406000	0.000000	0.000000	0.000000	
U-468-NEW		J-468	J-539-WEIR	153.281000		0.012000	3.406000	3.438000	0.000000	0.000000
U-469	J-958	J-466	66.212985	0.012000	0.000000	0.107000	0.000000	0.000000	
U-47	J-544	J-50	386.652219	0.012000	0.004000	0.000000	0.000000	0.000000	
U-48	J-53	J-54	45.619584	0.012000	0.000000	0.000000	0.000000	0.000000	
U-481	J-534	JCT-24	204.201000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-483	J-537	J-534	181.940000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-486	J-539	J-537	204.379252	0.012000	3.438000	3.480000	0.000000	0.000000	
U-489	J-541	J-958	381.214216	0.012000	3.760000	0.000000	0.000000	0.000000	
U-492	J-493	J-544	341.125734	0.012000	0.000000	0.004000	0.000000	0.000000	
U-495	J-559	J-561	155.793465	0.012000	0.560000	0.000000	0.000000	0.000000	
U-496	J-560	J-559	63.058233	0.012000	0.560000	0.560000	0.000000	0.000000	
U-497	J-557	J-558	61.686331	0.012000	4.948000	3.984000	0.000000	0.000000	
U-498	J-558	J-555	165.406286	0.012000	3.984000	1.400000	0.000000	0.000000	
U-5	J-6	J-5	32.733362	0.012000	0.000000	0.000000	0.000000	0.000000	
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U-500	J-555	J-554	23.230077	0.012000	0.000000	0.000000	0.000000	0.000000	
U-501	J-554	J-560	164.969129	0.012000	1.037000	0.560000	0.000000	0.000000	
U-502	J-553	J-554	45.005831	0.012000	0.000000	0.000000	0.000000	0.000000	
U-503	J-550	J-553	362.347950	0.012000	2.160000	0.000000	0.000000	0.000000	
U-507	J-548	J-550	215.243990	0.012000	2.130000	2.160000	0.000000	0.000000	
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U-513	J-454	J-448	324.841000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-514	J-455	J-454	208.844000	0.012000	1.360000	2.110000	0.000000	0.000000	
U-518-NEW		J-460-NEW	J-459	329.446000		0.012000	1.030000	1.460000	0.000000	0.000000
U-519-NEW		J-463	J-460-NEW	262.559695		0.012000	1.360000	1.030000	0.000000	0.000000
U-522	J-571	J-570	146.968240	0.012000	3.330000	4.890000	0.000000	0.000000	
U-523	J-570	J-566	68.752880	0.012000	0.000000	1.500000	0.000000	0.000000	
U-524-NEW		J-566-WEIR	J-569	19.867144		0.012000	-3.560000	1.186000	0.000000	0.000000
U-525	J-569	J-568	46.488505	0.012000	2.686000	5.070000	0.000000	0.000000	
U-526	J-568	J-567	192.799000	0.012000	5.070000	0.440000	0.000000	0.000000	
U-527	J-568	J-567	194.171000	0.012000	5.070000	0.440000	0.000000	0.000000	
U-53	J-58	J-61	196.790492	0.012000	0.000000	0.000000	0.000000	0.000000	
U-530	J-563	J-565	205.583309	0.012000	0.000000	0.000000	0.000000	0.000000	
U-531	J-764	J-566	180.244386	0.012000	0.000000	0.000000	0.000000	0.000000	
U-533	J-591	JCT-26	66.511059	0.012000	0.000000	0.000000	0.000000	0.000000	
U-534-NEW		JCT-26-WEIR	J-582	180.000000		0.012000	0.448000	0.000499	0.000000	0.000000
U-537	J-757	J-591	202.895220	0.012000	0.000000	0.000000	0.000000	0.000000	

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U-755     J-793     J-792     114.570000        0.012000 2.000000 2.000000 0.000000 0.000000
U-763     J-870     J-868     145.096940        0.012000 0.000000 0.000000 0.000000 0.000000
U-766     J-868     J-865     167.370469        0.012000 0.000000 0.000000 0.000000 0.000000
U-769     J-865     J-863     204.358222        0.012000 0.000000 0.000000 0.000000 0.000000
U-77      J-147     J-140     169.840833        0.012000 0.000000 0.000000 0.000000 0.000000
U-772     J-863     J-860     147.960587        0.012000 0.000000 0.000000 0.000000 0.000000
U-775     J-860     J-856     79.371361         0.012000 0.000000 5.400000 0.000000 0.000000
U-778     J-851     J-856     301.130004        0.012000 0.000000 5.400000 0.000000 0.000000
U-783     J-838     J-841     124.553364        0.012000 0.000000 0.000000 0.000000 0.000000
U-786     J-841     J-844     253.905331        0.012000 0.000000 0.000000 0.000000 0.000000
U-789     J-844     J-848     123.698870        0.012000 0.000000 0.000000 0.000000 0.000000
U-792     J-848     J-850     238.260013        0.012000 0.000000 0.000000 0.000000 0.000000
U-795     J-850     J-851     22.916023         0.012000 0.000000 0.000000 0.000000 0.000000
U-796     J-809     J-851     299.930008        0.012000 0.000000 0.000000 0.000000 0.000000
U-8       J-7       J-6       20.758114         0.012000 0.000000 0.000000 0.000000 0.000000
U-801     J-822     J-819     120.226478        0.012000 0.000000 0.000000 0.000000 0.000000
U-804     J-819     J-816     246.633911        0.012000 0.000000 0.000000 0.000000 0.000000
U-807     J-816     J-813     161.660783        0.012000 0.000000 0.000000 0.000000 0.000000
U-81      J-140     J-139     100.543000        0.012000 0.000000 0.000000 0.000000 0.000000
U-810     J-813     J-810     202.386623        0.012000 0.000000 0.000000 0.000000 0.000000
U-811     J-810     J-809     31.135912         0.012000 0.000000 0.000000 0.000000 0.000000
U-815     J-806     J-809     174.900083        0.012000 0.000000 0.000000 0.000000 0.000000
U-816     J-800     J-806     124.680116        0.012000 0.000000 0.000000 0.000000 0.000000
U-82      J-139     J-137     255.401000        0.012000 0.000000 0.000000 0.000000 0.000000
U-820     J-826     J-829     104.604813        0.012000 0.000000 0.000000 0.000000 0.000000
U-823     J-829     J-831     204.656311        0.012000 0.000000 0.000000 0.000000 0.000000
U-826     J-831     J-836     215.728497        0.012000 0.000000 0.000000 0.000000 0.000000
U-829     J-836     J-802     205.683233        0.012000 0.000000 0.000000 0.000000 0.000000
U-83      J-137     J-132     176.523501        0.012000 0.000000 0.000000 0.000000 0.000000
U-832     J-802     J-800     22.985667         0.012000 0.000000 0.000000 0.000000 0.000000
U-833     J-799     J-800     104.460123        0.012000 0.000000 0.000000 0.000000 0.000000
U-834-EAC           J-484     J-799-WEIR-EAC    33.973000         0.012000 0.135000 0.000000 0.000000 0.000000
U-835     J-903     J-495     439.063000        0.012000 -0.388000        -1.200000        0.000000 0.000000
U-837     J-495     J-493     37.455452         0.012000 0.066000 0.000000 0.000000 0.000000
U-838     J-884     J-883     63.198000         0.012000 0.000000 0.000000 0.000000 0.000000
U-839     J-883     J-882     139.534000        0.012000 0.000000 0.000000 0.000000 0.000000
U-840     J-882     J-881     116.898590        0.012000 0.000000 0.000000 0.000000 0.000000
U-841     J-881     J-880     25.543000         0.012000 0.000000 0.500000 0.000000 0.000000
U-842     J-880     J-879     114.392000        0.012000 0.500000 4.940000 0.000000 0.000000
U-846     J-126     J-127     252.309915        0.012000 4.960000 4.590000 0.000000 0.000000
U-847     J-127     J-128     41.664635         0.012000 4.790000 4.830000 0.000000 0.000000
U-848     J-128     J-110     203.983000        0.012000 0.000000 0.561000 0.000000 0.000000
U-851     J-899     J-891     304.514017        0.012000 0.000000 0.000000 0.000000 0.000000
U-852     J-889     J-891     145.533505        0.012000 0.000000 0.000000 0.000000 0.000000
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U-854    J-888    J-889    78.175329        0.012000 0.000000 0.000000 0.000000 0.000000
U-856    J-891    J-892    42.934352        0.012000 0.000000 0.000000 0.000000 0.000000
U-858    J-892    J-894    159.383056       0.012000 0.000000 0.000000 0.000000 0.000000
U-860    J-894    J-896    297.241111       0.012000 0.000000 0.000000 0.000000 0.000000
U-863    J-896    J-934    137.292330       0.012000 0.000000 0.000000 0.000000 0.000000
U-864    J-902    J-903    44.770000        0.012000 -0.298000        -0.388000        0.000000 0.000000
U-865    J-750    J-903    194.109000       0.012000 0.000000 -0.388000        0.000000 0.000000
U-866    J-749    J-750    127.670376       0.012000 0.000000 0.000000 0.000000 0.000000
U-867    J-910    J-909    124.052332       0.012000 0.000000 0.000000 0.000000 0.000000
U-868    J-912    J-911    163.961846       0.012000 0.000000 0.000000 0.000000 0.000000
U-869    J-271    J-913    127.382000       0.012000 -0.060000        0.440000 0.000000 0.000000
U-871    J-918    J-919    157.167775       0.012000 0.000000 0.000000 0.000000 0.000000
U-872    J-917    J-918    30.738630        0.012000 0.000000 0.000000 0.000000 0.000000
U-874-NEW        J-692-WEIR       J-693    39.795000        0.012000 0.000000 0.000000 0.000000 0.000000
U-875    J-557    J-920    155.542006       0.012000 4.948000 0.000000 0.000000 0.000000
U-878    J-951    J-953    221.123982       0.012000 1.000000 1.000000 0.000000 0.000000
U-879    J-953    J-954    234.697614       0.012000 1.000000 1.000000 0.000000 0.000000
U-88     J-132    J-130    73.318945        0.012000 0.000000 0.000000 0.000000 0.000000
U-880    J-954    J-555    48.516918        0.012000 1.000000 1.400000 0.000000 0.000000
U-885    J-561    J-920    35.292539        0.012000 0.000000 0.000000 0.000000 0.000000
U-90     J-131    J-130    120.405207       0.012000 0.560000 0.560000 0.000000 0.000000
U-91     J-130    J-129    132.406683       0.012000 1.560000 1.560000 0.000000 0.000000
U-92     J-129    J-118    51.239000        0.012000 1.560000 2.560000 0.000000 0.000000
U-96     J-162    J-161    151.546587       0.012000 1.560000 1.560000 0.000000 0.000000
U-97     J-161    J-131    157.664794       0.012000 1.560000 1.560000 0.000000 0.000000
U-98     J-163    J-162    10.096281        0.012000 0.000000 0.000000 0.000000 0.000000
U-99     J-163    J-164    145.234247       0.012000 0.000000 0.000000 0.000000 0.000000

[PUMPS]
PS-HC1-LAG       J-856-STORAGE-NEWJCT-46   PS-HC1   ON       8.000000 5.000000
PS-HC1-LEAD      J-856-STORAGE-NEWJCT-46   PS-HC1   ON       8.000000 5.000000

[ORIFICES]

[WEIRS]
W-WELL3D-NEW     J-566    J-566-WEIR       TRANSVERSE       5.700000 3.330000 NO       0        0.000000 YES
W-WELL4-11-NEW   J-692-WEIR       J-692    TRANSVERSE       5.700000 3.330000 NO       0        0.000000 YES
W-WELL6A-NEW     J-268    J-268-WEIR       TRANSVERSE       6.700000 3.330000 NO       0        0.000000 YES
W-WELL6D-NEW     J-284    J-284-WEIR       TRANSVERSE       6.700000 3.330000 NO       0        0.000000 YES
W-WELL7D-NEW     J-444-WEIR       J-444    TRANSVERSE       6.700000 3.330000 NO       0        0.000000 YES
W1-10-NEW        JCT-28   JCT-28-WEIR      TRANSVERSE       4.000000 3.330000 NO       0        0.000000 YES
W1-26-NEW        JCT-26   JCT-26-WEIR      TRANSVERSE       5.400000 3.330000 NO       0        0.000000 YES
W3-56-NEW        J-673    JCT-30   TRANSVERSE       4.000000 3.300000 NO       0        0.000000 YES
W5-2-NEW JCT-32  JCT-32-WEIR      TRANSVERSE       3.547000 3.330000 NO       0        0.000000 YES
W6A-26-NEW       J-261    J-261-WEIR       TRANSVERSE       4.500000 3.330000 NO       0        0.000000 YES
WA-10    JCT-24  J-884    TRANSVERSE       4.500000 3.330000 NO       0        0.000000 YES
WA-4-NEW J-539-WEIR       J-539A   TRANSVERSE       4.500000 3.330000 NO       0        0.000000 YES
WEIR-11  J-745A   J-191A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-13  J-748A   J-341A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-15  J-750A   J-351A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-17  J-902    J-354B   TRANSVERSE       5.500000 0.750000 NO       0        0.000000 YES
WEIR-19  J-355A   J-359    TRANSVERSE       5.500000 0.750000 NO       0        0.000000 NO
WEIR-21  J-596A   J-611A   TRANSVERSE       8.660000 0.750000 NO       0        0.000000 NO
WEIR-23  J-611B   J-598B   TRANSVERSE       6.336000 0.750000 NO       0        0.000000 NO
WEIR-25  J-585B   J-572A   TRANSVERSE       6.960000 0.750000 NO       0        0.000000 NO
WEIR-27  J-591B   J-572B   TRANSVERSE       8.860000 0.750000 NO       0        0.000000 NO
WEIR-29  J-591A   J-598A   TRANSVERSE       8.960000 0.750000 NO       0        0.000000 NO
WEIR-3   J-223A   J-180A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-31  J-5A     J-673A   TRANSVERSE       7.360000 0.750000 NO       0        0.000000 NO
WEIR-33  J-19A    J-654A   TRANSVERSE       5.860000 0.750000 NO       0        0.000000 NO
WEIR-35  J-25A    J-653A   TRANSVERSE       6.160000 0.750000 NO       0        0.000000 NO
WEIR-37  J-571A   J-563A   TRANSVERSE       6.260000 0.750000 NO       0        0.000000 NO
WEIR-39  J-571B   J-288A   TRANSVERSE       5.860000 0.750000 NO       0        0.000000 NO
WEIR-41  J-15A    J-290A   TRANSVERSE       6.360000 0.750000 NO       0        0.000000 NO
WEIR-43  J-328A   J-314A   TRANSVERSE       6.460000 0.750000 NO       0        0.000000 NO
WEIR-45  J-27A    J-321A   TRANSVERSE       6.220000 0.750000 NO       0        0.000000 NO
WEIR-47  J-647A   J-40B    TRANSVERSE       6.360000 0.750000 NO       0        0.000000 NO
WEIR-49  J-40C    J-54A    TRANSVERSE       5.460000 0.750000 NO       0        0.000000 NO
WEIR-5   J-180A   J-126A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-51  J-54B    J-42A    TRANSVERSE       6.760000 0.750000 NO       0        0.000000 NO
WEIR-53  J-647B   J-61A    TRANSVERSE       0.000000 0.750000 NO       0        0.000000 NO
WEIR-55  J-40A    J-58A    TRANSVERSE       6.760000 0.750000 NO       0        0.000000 NO
WEIR-57  J-624A   J-899A   TRANSVERSE       5.660000 0.750000 NO       0        0.000000 NO
WEIR-59  J-31A    J-59A    TRANSVERSE       5.660000 0.750000 NO       0        0.000000 YES
WEIR-61  J-324A   J-59B    TRANSVERSE       6.160000 0.750000 NO       0        0.000000 NO
WEIR-63  J-83A    J-77A    TRANSVERSE       0.000000 0.750000 NO       0        0.000000 YES
WEIR-65  J-734B   J-498A   TRANSVERSE       7.060000 0.750000 NO       0        0.000000 NO
WEIR-67  J-734A   J-766A   TRANSVERSE       5.460000 0.750000 NO       0        0.000000 NO
WEIR-69  J-431A   J-430A   TRANSVERSE       5.960000 0.750000 NO       0        0.000000 NO
WEIR-7   J-213A   J-185A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
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WEIR-71  J-158A   J-415A   TRANSVERSE        6.960000 0.750000 NO       0        0.000000 YES
WEIR-73  J-432B   J-415B   TRANSVERSE        7.060000 0.750000 NO       0        0.000000 NO
WEIR-75  J-402A   J-77B    TRANSVERSE        6.660000 0.750000 NO       0        0.000000 NO
WEIR-77  J-423A   J-459A   TRANSVERSE        6.560000 0.750000 NO       0        0.000000 NO
WEIR-79  J-422A   J-459A   TRANSVERSE        6.660000 0.750000 NO       0        0.000000 NO
WEIR-81  J-380A   J-422A   TRANSVERSE        6.860000 0.750000 NO       0        0.000000 NO
WEIR-83  J-754A   J-934A   TRANSVERSE        5.560000 0.750000 NO       0        0.000000 NO
WEIR-85  J-934A   J-903A   TRANSVERSE        5.560000 0.750000 NO       0        0.000000 NO
WEIR-87  J-754A   J-903A   TRANSVERSE        5.560000 0.750000 NO       0        0.000000 NO
WEIR-9   J-195A   J-188A   TRANSVERSE        6.000000 0.750000 NO       0        0.000000 NO
WEIR-J-748       J-748    J-748-WEIR-STANTEC        TRANSVERSE       1.000000 0.750000 NO       0        0.000000 NO
WEIR-J-754-STANTECT       J-754-WEIR-STANTEC        J-752    TRANSVERSE       1.000000 0.750000 NO       0        0.000000
        NO
WEIR-J-799-EAC   J-799    J-799-WEIR-EAC    TRANSVERSE        2.500000 0.750000 NO       0        0.000000 YES

[OUTLETS]
CDT-19   J-444    OFALL-10 0.000000 TABULAR/HEAD     7-D      NO
CDT-21   J-412    OFALL-12 0.000000 TABULAR/HEAD     7-C      NO
CDT-23   J-139    OFALL-14 0.000000 TABULAR/HEAD     8-B      NO
CDT-25   J-118    OFALL-16 0.000000 TABULAR/HEAD     8-C      NO
CDT-27   J-102    OFALL-18 0.000000 TABULAR/HEAD     8-A      NO
CDT-29   J-72     OFALL-20 0.000000 TABULAR/HEAD     7-A      NO
CDT-31   J-235    OFALL-26 0.000000 TABULAR/HEAD     6-C      NO
CDT-33   J-268-WEIR       OFALL-22 0.000000 TABULAR/HEAD     6-A      NO
CDT-35   J-284-WEIR       OFALL-24 0.000000 TABULAR/HEAD     STDWELL  NO
CDT-37   J-312    OFALL-28 0.000000 TABULAR/HEAD     STDWELLX2        NO
CDT-39   J-11     OFALL-32 0.000000 TABULAR/HEAD     3-C      NO
CDT-41   J-566    OFALL-30 0.000000 TABULAR/HEAD     STDWELL  NO
CDT-43   J-650    OFALL-34 0.000000 TABULAR/HEAD     3-B      NO
CDT-45   J-626    OFALL-36 0.000000 TABULAR/HEAD     3-A      NO
CDT-47   J-692    OFALL-38 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-49   J-603    OFALL-40 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-51   J-577    OFALL-42 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-53   J-702    OFALL-44 0.000000 TABULAR/HEAD     5-15     NO
CDT-55   J-792    OFALL-46 0.000000 TABULAR/HEAD     STDWELL  NO
CDT-57   J-772    OFALL-50 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-59   J-780    OFALL-48 0.000000 TABULAR/HEAD     2C-ENID  NO
CDT-61   J-736    OFALL-52 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-63   J-721    OFALL-54 0.000000 TABULAR/HEAD     S13W     NO
J33A_OUTFALL     J-33     J-33A    0.000000 TABULAR/HEAD     S-20     NO
J567_OUTFALL     J-567    J-567A   0.000000 TABULAR/HEAD     S-20     NO
U-331    J-385    J-386    0.000000 TABULAR/HEAD     7-B      NO
W-ENID-DRIVE     J-754-WEIR-STANTEC        WELL-W-ENID-DR   0.000000 TABULAR/DEPTH    W-ENID-DRIVE_STDWELLX2    NO
WELL-W-MCINTYRE  J-748-WEIR-STANTEC        OFALL-66 0.000000 TABULAR/HEAD     WELL-W-MCINTYRE_STDWELLX2 NO

[XSECTIONS]
C-WELL3W FORCE_MAIN       1.066000 120.000000       0.000000 0.000000 1        0
C-WELL4E FORCE_MAIN       2.400000 120.000000       0.000000 0.000000 1        0
CDT-101  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-103  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-105  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-107  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-109  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-11   CIRCULAR 1.066000 0.000000 0.000000 0.000000 1        1
CDT-111  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-113  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-115  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-121  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-123  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-125  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-171  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-173  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-175  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-177  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-179  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-181  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-183  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-185  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-187  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-189  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-191  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-193  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-195  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-197  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-199  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-201  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-205  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-207  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-209  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-211  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
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CDT-213  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-215  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-217  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-219  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-221  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-223  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-225  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-227  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-229  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-231  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-233  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-235  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-237  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-239  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-241  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-243  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-245  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-247  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-249  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-251  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-253  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-255  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-257  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-259  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-261  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-263  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-265  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-267  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-269  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-271  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-273  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-275  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-277  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-279  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-281  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-283  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-285  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-287  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-289  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-291  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-293  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-295  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-297  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-299  CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        0
CDT-439  CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        0
CDT-525  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-539  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-87   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-91   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-93   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-95   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-97   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-99   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
J-963_OUTFALL     CIRCULAR 0.800000 0.000000 0.000000 0.000000 2        1
J561_OUTFALL      CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
J575_OUTFALL      CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
J920_OUTFALL      CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
LINK-WELL-2       CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        0
U-1      CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-100    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-101    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-102    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-103    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-104    CIRCULAR 0.833000 0.000000 0.000000 0.000000 1        1
U-105    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-106    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-11     CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-110    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-112    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-113    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-114    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-118    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-121    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-122    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-125    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-129    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-13     CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-131    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-141    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-142    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-147    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-153    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-155    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-156    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-158    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-16     CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-160    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-161    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-165    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-167    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-17     CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        1
U-171    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-172    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-176    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-177    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-18     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-181    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-184    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-186    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-191    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-193    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-195    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-196    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-197    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-199    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-20     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-200    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-201    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-202    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
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U-208    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-211    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-213    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-214    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-22     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-220    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
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U-228    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-231    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-232    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-233    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-237    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-239    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-240    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-242    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-244    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-251    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-253    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-254    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-256    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-259    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-26     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-260    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-261    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-262-NEW        CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        0
U-263    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-265    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-267    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-270    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-271    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-274    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-277    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-28     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-280    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-286    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-289    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-29     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-290    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-291    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-293    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-294    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-298	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-299	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-300	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-304	CIRCULAR	0.800000	0.000000	0.000000	0.000000	1	1
U-308	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-308A	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	0
U-309	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-312	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-315	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-316	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-319	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-322	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-325	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-327	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-328	CIRCULAR	2.000000	0.000000	0.000000	0.000000	1	1
U-330	CIRCULAR	2.000000	0.000000	0.000000	0.000000	1	1
U-332	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-335	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-337	CIRCULAR	2.000000	0.000000	0.000000	0.000000	1	1
U-34	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-341	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-344	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-345	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-346	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-347	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-348	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-35	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-351	CIRCULAR	1.250000	0.000000	0.000000	0.000000	1	1
U-352	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-353	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-354	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-357	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-358	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-364	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-364A	CIRCULAR	4.000000	0.000000	0.000000	0.000000	1	0
U-366	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-37	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-372	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-373	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-376	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-379	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-38	CIRCULAR	2.000000	0.000000	0.000000	0.000000	1	1
U-382	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-385	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-386	CIRCULAR	1.500000	0.000000	0.000000	0.000000	1	1
U-388	CIRCULAR	1.500000	0.000000	0.000000	0.000000	1	1
U-390	CIRCULAR	1.500000	0.000000	0.000000	0.000000	1	1
U-391	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-392	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-394	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-397	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-398	CIRCULAR	2.400000	0.000000	0.000000	0.000000	1	1
U-399	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-402	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-404	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-406	CIRCULAR	1.250000	0.000000	0.000000	0.000000	1	1
U-407	CIRCULAR	1.250000	0.000000	0.000000	0.000000	1	1
U-408	CIRCULAR	1.250000	0.000000	0.000000	0.000000	1	1
U-409	CIRCULAR	1.500000	0.000000	0.000000	0.000000	1	1
U-411	CIRCULAR	1.500000	0.000000	0.000000	0.000000	1	1
U-412	CIRCULAR	1.500000	0.000000	0.000000	0.000000	1	1
U-413	CIRCULAR	1.500000	0.000000	0.000000	0.000000	1	1
U-414	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-415	CIRCULAR	1.083000	0.000000	0.000000	0.000000	1	1
U-416	CIRCULAR	1.083000	0.000000	0.000000	0.000000	1	1
U-417	CIRCULAR	3.833000	0.000000	0.000000	0.000000	1	1
U-418	CIRCULAR	3.200000	0.000000	0.000000	0.000000	1	1
U-419	CIRCULAR	1.000000	0.000000	0.000000	0.000000	1	1
U-420	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-421	CIRCULAR	2.400000	0.000000	0.000000	0.000000	1	1
U-423	CIRCULAR	2.400000	0.000000	0.000000	0.000000	1	1
U-428	CIRCULAR	2.400000	0.000000	0.000000	0.000000	1	1
U-430	CIRCULAR	2.400000	0.000000	0.000000	0.000000	1	1
U-434	CIRCULAR	2.400000	0.000000	0.000000	0.000000	1	1
U-437	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-439	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-44	CIRCULAR	2.000000	0.000000	0.000000	0.000000	1	1
U-440	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-441	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1

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U-443    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-445    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-447    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-448    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-449    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-45     CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-450    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-451    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-452    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-454    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-456    CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        1
U-463    CIRCULAR 2.800000 0.000000 0.000000 0.000000 1        1
U-464    CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        1
U-466    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-468    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-468-NEW        CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        0
U-469    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-47     CIRCULAR 1.083000 0.000000 0.000000 0.000000 1        1
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U-483    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-486    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-489    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-492    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-495    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
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U-497    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-498    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
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U-501    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-502    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-503    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-507    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-509    CIRCULAR 3.200000 0.000000 0.000000 0.000000 1        1
U-513    CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        1
U-514    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-518-NEW        CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        0
U-519-NEW        CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
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U-523    CIRCULAR 2.500000 0.000000 0.000000 0.000000 1        1
U-524-NEW        CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        0
U-525    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-526    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-527    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-53     CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-530    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
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U-533    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-534-NEW        CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        0
U-537    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-538    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-54     CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-543    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-545    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
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U-548    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-549    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-55     CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-550    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-557    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-559    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-565    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-570    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
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U-573    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-574    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-575    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-580    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-583    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-584    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-587    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-589    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-59     CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
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U-590    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-591    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-596    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-599    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-60     CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-601    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-604    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-608    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-609    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-612    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-614    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-616    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-618    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-62     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-620    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-621    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-623    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
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U-625    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-628    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-629    CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        1
U-632    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-633    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-637    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-64     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-640    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-643    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-646    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-648    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-649    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-651    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-652    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-653    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-656    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-657    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-659-NEW        CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        0
U-66     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-663    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-668    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-671    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-674    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-675    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-678    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-68     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-681    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-682    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-684    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-685    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-686    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-687    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-688    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-690    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-694    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-695    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-696    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-70     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-701    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-704    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-706    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-707    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-708    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-71     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-710    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-711    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-717    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-718    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-719    CIRCULAR 3.833000 0.000000 0.000000 0.000000 1        1
U-720    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-721-NEW        CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        0
U-725    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-727    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-729    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-73     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-731    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-732    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-734    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-736    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-738    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-74     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-740    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
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U-741    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-743    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-745    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-747    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-749    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-75     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-751    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-753    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-755    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-763    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-766    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-769    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-77     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-772    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-775    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-778    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-783    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-786    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-789    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-792    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-795    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-796    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-8      CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-801    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-804    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-807    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-81     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-810    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-811    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-815    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-816    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-82     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-820    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-823    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-826    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-829    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-83     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-832    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-833    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-834-EAC        CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
U-835    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-837    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-838    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-839    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-840    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-841    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-842    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-846    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-847    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-848    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-851    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-852    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-854    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-856    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-858    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-860    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-863    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-864    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-865    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-866    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-867    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-868    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-869    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-871    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-872    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-874-NEW        CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        0
U-875    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-878    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-879    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-88     CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-880    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-885    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-90     CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-91     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-92     CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-96     CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-97     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-98     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-99     CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
W-WELL3D-NEW     RECT_OPEN        2.250000 12.500000        0.000000 0.000000
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W-WELL4-11-NEW   RECT_OPEN        2.250000 12.500000        0.000000 0.000000
W-WELL6A-NEW     RECT_OPEN        2.250000 9.400000 0.000000 0.000000
W-WELL6D-NEW     RECT_OPEN        2.250000 9.400000 0.000000 0.000000
W-WELL7D-NEW     RECT_OPEN        2.250000 9.400000 0.000000 0.000000
W1-10-NEW        RECT_OPEN        2.050000 12.500000        0.000000 0.000000
W1-26-NEW        RECT_OPEN        1.950000 12.500000        0.000000 0.000000
W3-56-NEW        RECT_OPEN        1.000000 12.500000        0.000000 0.000000
W5-2-NEW RECT_OPEN        2.250000 12.500000        0.000000 0.000000
W6A-26-NEW       RECT_OPEN        1.200000 12.500000        0.000000 0.000000
WA-10    RECT_OPEN        1.000000 12.500000        0.000000 0.000000
WA-4-NEW RECT_OPEN        2.000000 12.500000        0.000000 0.000000
WEIR-11  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-13  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-15  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-17  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-19  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-21  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-23  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-25  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-27  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-29  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-3   RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-31  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-33  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-35  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-37  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-39  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-41  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-43  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-45  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-47  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-49  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-5   RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-51  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-53  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-55  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-57  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-59  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-61  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-63  RECT_OPEN        4.000000 1.000000 0.000000 0.000000
WEIR-65  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-67  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-69  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-7   RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-71  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-73  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-75  RECT_OPEN        4.000000 1.000000 0.000000 0.000000
WEIR-77  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-79  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-81  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-83  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-85  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-87  RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-9   RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-J-748       RECT_OPEN        4.000000 12.000000        0.000000 0.000000
WEIR-J-754-STANTECT      RECT_OPEN        5.000000 12.000000        0.000000 0.000000
WEIR-J-799-EAC   RECT_OPEN        1.000000 1.000000 0.000000 0.000000

[TRANSECTS]

[LOSSES]
C-WELL3W 0.000000 0.000000 0.000000 NO       0.000000
C-WELL4E 0.000000 0.000000 0.000000 NO       0.000000
CDT-101  0.000000 0.000000 0.000000 NO       0.000000
CDT-103  0.000000 0.000000 0.000000 NO       0.000000
CDT-105  0.000000 0.000000 0.000000 NO       0.000000
CDT-107  0.000000 0.000000 0.000000 NO       0.000000
CDT-109  0.000000 0.000000 0.000000 NO       0.000000
CDT-11   0.000000 0.000000 0.000000 NO       0.000000
CDT-111  0.000000 0.000000 0.000000 NO       0.000000
CDT-113  0.000000 0.000000 0.000000 NO       0.000000
CDT-115  0.000000 0.000000 0.000000 NO       0.000000
CDT-121  0.000000 0.000000 0.000000 NO       0.000000
CDT-123  0.000000 0.000000 0.000000 NO       0.000000
CDT-125  0.000000 0.000000 0.000000 NO       0.000000
CDT-171  0.000000 0.000000 0.000000 NO       0.000000
CDT-173  0.000000 0.000000 0.000000 NO       0.000000
CDT-175  0.000000 0.000000 0.000000 NO       0.000000
CDT-177  0.000000 0.000000 0.000000 NO       0.000000
CDT-179  0.000000 0.000000 0.000000 NO       0.000000
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CDT-181  0.000000 0.000000 0.000000 NO       0.000000
CDT-183  0.000000 0.000000 0.000000 NO       0.000000
CDT-185  0.000000 0.000000 0.000000 NO       0.000000
CDT-187  0.000000 0.000000 0.000000 NO       0.000000
CDT-189  0.000000 0.000000 0.000000 NO       0.000000
CDT-191  0.000000 0.000000 0.000000 NO       0.000000
CDT-193  0.000000 0.000000 0.000000 NO       0.000000
CDT-195  0.000000 0.000000 0.000000 NO       0.000000
CDT-197  0.000000 0.000000 0.000000 NO       0.000000
CDT-199  0.000000 0.000000 0.000000 NO       0.000000
CDT-201  0.000000 0.000000 0.000000 NO       0.000000
CDT-205  0.000000 0.000000 0.000000 NO       0.000000
CDT-207  0.000000 0.000000 0.000000 NO       0.000000
CDT-209  0.000000 0.000000 0.000000 NO       0.000000
CDT-211  0.000000 0.000000 0.000000 NO       0.000000
CDT-213  0.000000 0.000000 0.000000 NO       0.000000
CDT-215  0.000000 0.000000 0.000000 NO       0.000000
CDT-217  0.000000 0.000000 0.000000 NO       0.000000
CDT-219  0.000000 0.000000 0.000000 NO       0.000000
CDT-221  0.000000 0.000000 0.000000 NO       0.000000
CDT-223  0.000000 0.000000 0.000000 NO       0.000000
CDT-225  0.000000 0.000000 0.000000 NO       0.000000
CDT-227  0.000000 0.000000 0.000000 NO       0.000000
CDT-229  0.000000 0.000000 0.000000 NO       0.000000
CDT-231  0.000000 0.000000 0.000000 NO       0.000000
CDT-233  0.000000 0.000000 0.000000 NO       0.000000
CDT-235  0.000000 0.000000 0.000000 NO       0.000000
CDT-237  0.000000 0.000000 0.000000 NO       0.000000
CDT-239  0.000000 0.000000 0.000000 NO       0.000000
CDT-241  0.000000 0.000000 0.000000 NO       0.000000
CDT-243  0.000000 0.000000 0.000000 NO       0.000000
CDT-245  0.000000 0.000000 0.000000 NO       0.000000
CDT-247  0.000000 0.000000 0.000000 NO       0.000000
CDT-249  0.000000 0.000000 0.000000 NO       0.000000
CDT-251  0.000000 0.000000 0.000000 NO       0.000000
CDT-253  0.000000 0.000000 0.000000 NO       0.000000
CDT-255  0.000000 0.000000 0.000000 NO       0.000000
CDT-257  0.000000 0.000000 0.000000 NO       0.000000
CDT-259  0.000000 0.000000 0.000000 NO       0.000000
CDT-261  0.000000 0.000000 0.000000 NO       0.000000
CDT-263  0.000000 0.000000 0.000000 NO       0.000000
CDT-265  0.000000 0.000000 0.000000 NO       0.000000
CDT-267  0.000000 0.000000 0.000000 NO       0.000000
CDT-269  0.000000 0.000000 0.000000 NO       0.000000
CDT-271  0.000000 0.000000 0.000000 NO       0.000000
CDT-273  0.000000 0.000000 0.000000 NO       0.000000
CDT-275  0.000000 0.000000 0.000000 NO       0.000000
CDT-277  0.000000 0.000000 0.000000 NO       0.000000
CDT-279  0.000000 0.000000 0.000000 NO       0.000000
CDT-281  0.000000 0.000000 0.000000 NO       0.000000
CDT-283  0.000000 0.000000 0.000000 NO       0.000000
CDT-285  0.000000 0.000000 0.000000 NO       0.000000
CDT-287  0.000000 0.000000 0.000000 NO       0.000000
CDT-289  0.000000 0.000000 0.000000 NO       0.000000
CDT-291  0.000000 0.000000 0.000000 NO       0.000000
CDT-293  0.000000 0.000000 0.000000 NO       0.000000
CDT-295  0.000000 0.000000 0.000000 NO       0.000000
CDT-297  0.000000 0.000000 0.000000 NO       0.000000
CDT-299  0.000000 0.000000 0.000000 NO       0.000000
CDT-439  0.000000 0.000000 0.000000 NO       0.000000
CDT-525  0.000000 0.000000 0.000000 NO       0.000000
CDT-539  0.000000 0.000000 0.000000 NO       0.000000
CDT-87   0.000000 0.000000 0.000000 NO       0.000000
CDT-91   0.000000 0.000000 0.000000 NO       0.000000
CDT-93   0.000000 0.000000 0.000000 NO       0.000000
CDT-95   0.000000 0.000000 0.000000 NO       0.000000
CDT-97   0.000000 0.000000 0.000000 NO       0.000000
CDT-99   0.000000 0.000000 0.000000 NO       0.000000
J-963_OUTFALL     0.000000 0.000000 0.000000 NO       0.000000
J561_OUTFALL      0.000000 0.000000 0.000000 NO       0.000000
J575_OUTFALL      0.000000 0.000000 0.000000 NO       0.000000
J920_OUTFALL      0.000000 0.000000 0.000000 NO       0.000000
LINK-WELL-2       0.000000 0.000000 0.000000 YES      0.000000
U-1      0.000000 0.000000 0.000000 NO       0.000000
U-100    0.000000 0.000000 0.000000 NO       0.000000
U-101    0.000000 0.000000 0.000000 NO       0.000000
U-102    0.000000 0.000000 0.000000 NO       0.000000
U-103    0.000000 0.000000 0.000000 NO       0.000000
U-104    0.000000 0.000000 0.000000 NO       0.000000
U-105    0.000000 0.000000 0.000000 NO       0.000000
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U-106    0.000000 0.000000 0.000000 NO       0.000000
U-11     0.000000 0.000000 0.000000 NO       0.000000
U-110    0.000000 0.000000 0.000000 NO       0.000000
U-112    0.000000 0.000000 0.000000 NO       0.000000
U-113    0.000000 0.000000 0.000000 NO       0.000000
U-114    0.000000 0.000000 0.000000 NO       0.000000
U-118    0.000000 0.000000 0.000000 NO       0.000000
U-121    0.000000 0.000000 0.000000 NO       0.000000
U-122    0.000000 0.000000 0.000000 NO       0.000000
U-125    0.000000 0.000000 0.000000 NO       0.000000
U-129    0.000000 0.000000 0.000000 NO       0.000000
U-13     0.000000 0.000000 0.000000 NO       0.000000
U-131    0.000000 0.000000 0.000000 NO       0.000000
U-141    0.000000 0.000000 0.000000 NO       0.000000
U-142    0.000000 0.000000 0.000000 NO       0.000000
U-147    0.000000 0.000000 0.000000 NO       0.000000
U-15     0.000000 0.000000 0.000000 NO       0.000000
U-150    0.000000 0.000000 0.000000 NO       0.000000
U-153    0.000000 0.000000 0.000000 NO       0.000000
U-155    0.000000 0.000000 0.000000 NO       0.000000
U-156    0.000000 0.000000 0.000000 NO       0.000000
U-158    0.000000 0.000000 0.000000 NO       0.000000
U-16     0.000000 0.000000 0.000000 NO       0.000000
U-160    0.000000 0.000000 0.000000 NO       0.000000
U-161    0.000000 0.000000 0.000000 NO       0.000000
U-165    0.000000 0.000000 0.000000 NO       0.000000
U-167    0.000000 0.000000 0.000000 NO       0.000000
U-17     0.000000 0.000000 0.000000 NO       0.000000
U-171    0.000000 0.000000 0.000000 NO       0.000000
U-172    0.000000 0.000000 0.000000 NO       0.000000
U-176    0.000000 0.000000 0.000000 NO       0.000000
U-177    0.000000 0.000000 0.000000 NO       0.000000
U-18     0.000000 0.000000 0.000000 NO       0.000000
U-181    0.000000 0.000000 0.000000 NO       0.000000
U-184    0.000000 0.000000 0.000000 NO       0.000000
U-186    0.000000 0.000000 0.000000 NO       0.000000
U-191    0.000000 0.000000 0.000000 NO       0.000000
U-193    0.000000 0.000000 0.000000 NO       0.000000
U-195    0.000000 0.000000 0.000000 NO       0.000000
U-196    0.000000 0.000000 0.000000 NO       0.000000
U-197    0.000000 0.000000 0.000000 NO       0.000000
U-199    0.000000 0.000000 0.000000 NO       0.000000
U-20     0.000000 0.000000 0.000000 NO       0.000000
U-200    0.000000 0.000000 0.000000 NO       0.000000
U-201    0.000000 0.000000 0.000000 NO       0.000000
U-202    0.000000 0.000000 0.000000 NO       0.000000
U-203    0.000000 0.000000 0.000000 NO       0.000000
U-204    0.000000 0.000000 0.000000 NO       0.000000
U-206    0.000000 0.000000 0.000000 NO       0.000000
U-207    0.000000 0.000000 0.000000 NO       0.000000
U-208    0.000000 0.000000 0.000000 NO       0.000000
U-211    0.000000 0.000000 0.000000 NO       0.000000
U-213    0.000000 0.000000 0.000000 NO       0.000000
U-214    0.000000 0.000000 0.000000 NO       0.000000
U-22     0.000000 0.000000 0.000000 NO       0.000000
U-220    0.000000 0.000000 0.000000 NO       0.000000
U-221    0.000000 0.000000 0.000000 NO       0.000000
U-227    0.000000 0.000000 0.000000 NO       0.000000
U-228    0.000000 0.000000 0.000000 NO       0.000000
U-231    0.000000 0.000000 0.000000 NO       0.000000
U-232    0.000000 0.000000 0.000000 NO       0.000000
U-233    0.000000 0.000000 0.000000 NO       0.000000
U-237    0.000000 0.000000 0.000000 NO       0.000000
U-239    0.000000 0.000000 0.000000 NO       0.000000
U-240    0.000000 0.000000 0.000000 NO       0.000000
U-242    0.000000 0.000000 0.000000 NO       0.000000
U-244    0.000000 0.000000 0.000000 NO       0.000000
U-245    0.000000 0.000000 0.000000 NO       0.000000
U-249    0.000000 0.000000 0.000000 NO       0.000000
U-25     0.000000 0.000000 0.000000 NO       0.000000
U-251    0.000000 0.000000 0.000000 NO       0.000000
U-253    0.000000 0.000000 0.000000 NO       0.000000
U-254    0.000000 0.000000 0.000000 NO       0.000000
U-256    0.000000 0.000000 0.000000 NO       0.000000
U-259    0.000000 0.000000 0.000000 NO       0.000000
U-26     0.000000 0.000000 0.000000 NO       0.000000
U-260    0.000000 0.000000 0.000000 NO       0.000000
U-261    0.000000 0.000000 0.000000 NO       0.000000
U-262-NEW        0.000000 0.000000 0.000000 NO       0.000000
U-263    0.000000 0.000000 0.000000 NO       0.000000
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U-265	0.000000	0.000000	0.000000	NO	0.000000
U-267	0.000000	0.000000	0.000000	NO	0.000000
U-270	0.000000	0.000000	0.000000	NO	0.000000
U-271	0.000000	0.000000	0.000000	NO	0.000000
U-274	0.000000	0.000000	0.000000	NO	0.000000
U-277	0.000000	0.000000	0.000000	NO	0.000000
U-28	0.000000	0.000000	0.000000	NO	0.000000
U-280	0.000000	0.000000	0.000000	NO	0.000000
U-286	0.000000	0.000000	0.000000	NO	0.000000
U-289	0.000000	0.000000	0.000000	NO	0.000000
U-29	0.000000	0.000000	0.000000	NO	0.000000
U-290	0.000000	0.000000	0.000000	NO	0.000000
U-291	0.000000	0.000000	0.000000	NO	0.000000
U-293	0.000000	0.000000	0.000000	NO	0.000000
U-294	0.000000	0.000000	0.000000	NO	0.000000
U-295	0.000000	0.000000	0.000000	NO	0.000000
U-298	0.000000	0.000000	0.000000	NO	0.000000
U-299	0.000000	0.000000	0.000000	NO	0.000000
U-300	0.000000	0.000000	0.000000	NO	0.000000
U-304	0.000000	0.000000	0.000000	NO	0.000000
U-308	0.000000	0.000000	0.000000	NO	0.000000
U-308A	0.000000	0.000000	0.000000	NO	0.000000
U-309	0.000000	0.000000	0.000000	NO	0.000000
U-312	0.000000	0.000000	0.000000	NO	0.000000
U-315	0.000000	0.000000	0.000000	NO	0.000000
U-316	0.000000	0.000000	0.000000	NO	0.000000
U-319	0.000000	0.000000	0.000000	NO	0.000000
U-322	0.000000	0.000000	0.000000	NO	0.000000
U-325	0.000000	0.000000	0.000000	NO	0.000000
U-327	0.000000	0.000000	0.000000	NO	0.000000
U-328	0.000000	0.000000	0.000000	NO	0.000000
U-330	0.000000	0.000000	0.000000	NO	0.000000
U-332	0.000000	0.000000	0.000000	NO	0.000000
U-335	0.000000	0.000000	0.000000	NO	0.000000
U-337	0.000000	0.000000	0.000000	NO	0.000000
U-34	0.000000	0.000000	0.000000	NO	0.000000
U-341	0.000000	0.000000	0.000000	NO	0.000000
U-344	0.000000	0.000000	0.000000	NO	0.000000
U-345	0.000000	0.000000	0.000000	NO	0.000000
U-346	0.000000	0.000000	0.000000	NO	0.000000
U-347	0.000000	0.000000	0.000000	NO	0.000000
U-348	0.000000	0.000000	0.000000	NO	0.000000
U-35	0.000000	0.000000	0.000000	NO	0.000000
U-351	0.000000	0.000000	0.000000	NO	0.000000
U-352	0.000000	0.000000	0.000000	NO	0.000000
U-353	0.000000	0.000000	0.000000	NO	0.000000
U-354	0.000000	0.000000	0.000000	NO	0.000000
U-357	0.000000	0.000000	0.000000	NO	0.000000
U-358	0.000000	0.000000	0.000000	NO	0.000000
U-364	0.000000	0.000000	0.000000	NO	0.000000
U-364A	0.000000	0.000000	0.000000	NO	0.000000
U-366	0.000000	0.000000	0.000000	NO	0.000000
U-37	0.000000	0.000000	0.000000	NO	0.000000
U-372	0.000000	0.000000	0.000000	NO	0.000000
U-373	0.000000	0.000000	0.000000	NO	0.000000
U-376	0.000000	0.000000	0.000000	NO	0.000000
U-379	0.000000	0.000000	0.000000	NO	0.000000
U-38	0.000000	0.000000	0.000000	NO	0.000000
U-382	0.000000	0.000000	0.000000	NO	0.000000
U-385	0.000000	0.000000	0.000000	NO	0.000000
U-386	0.000000	0.000000	0.000000	NO	0.000000
U-388	0.000000	0.000000	0.000000	NO	0.000000
U-390	0.000000	0.000000	0.000000	NO	0.000000
U-391	0.000000	0.000000	0.000000	NO	0.000000
U-392	0.000000	0.000000	0.000000	NO	0.000000
U-394	0.000000	0.000000	0.000000	NO	0.000000
U-397	0.000000	0.000000	0.000000	NO	0.000000
U-398	0.000000	0.000000	0.000000	NO	0.000000
U-399	0.000000	0.000000	0.000000	NO	0.000000
U-402	0.000000	0.000000	0.000000	NO	0.000000
U-404	0.000000	0.000000	0.000000	NO	0.000000
U-406	0.000000	0.000000	0.000000	NO	0.000000
U-407	0.000000	0.000000	0.000000	NO	0.000000
U-408	0.000000	0.000000	0.000000	NO	0.000000
U-409	0.000000	0.000000	0.000000	NO	0.000000
U-411	0.000000	0.000000	0.000000	NO	0.000000
U-412	0.000000	0.000000	0.000000	NO	0.000000
U-413	0.000000	0.000000	0.000000	NO	0.000000
U-414	0.000000	0.000000	0.000000	NO	0.000000
U-415	0.000000	0.000000	0.000000	NO	0.000000

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U-416    0.000000 0.000000 0.000000 NO       0.000000
U-417    0.000000 0.000000 0.000000 NO       0.000000
U-418    0.000000 0.000000 0.000000 NO       0.000000
U-419    0.000000 0.000000 0.000000 NO       0.000000
U-420    0.000000 0.000000 0.000000 NO       0.000000
U-421    0.000000 0.000000 0.000000 NO       0.000000
U-423    0.000000 0.000000 0.000000 NO       0.000000
U-428    0.000000 0.000000 0.000000 NO       0.000000
U-430    0.000000 0.000000 0.000000 YES      0.000000
U-434    0.000000 0.000000 0.000000 YES      0.000000
U-437    0.000000 0.000000 0.000000 YES      0.000000
U-439    0.000000 0.000000 0.000000 NO       0.000000
U-44     0.000000 0.000000 0.000000 NO       0.000000
U-440    0.000000 0.000000 0.000000 NO       0.000000
U-441    0.000000 0.000000 0.000000 NO       0.000000
U-443    0.000000 0.000000 0.000000 NO       0.000000
U-445    0.000000 0.000000 0.000000 NO       0.000000
U-447    0.000000 0.000000 0.000000 NO       0.000000
U-448    0.000000 0.000000 0.000000 NO       0.000000
U-449    0.000000 0.000000 0.000000 NO       0.000000
U-45     0.000000 0.000000 0.000000 NO       0.000000
U-450    0.000000 0.000000 0.000000 NO       0.000000
U-451    0.000000 0.000000 0.000000 NO       0.000000
U-452    0.000000 0.000000 0.000000 NO       0.000000
U-454    0.000000 0.000000 0.000000 NO       0.000000
U-456    0.000000 0.000000 0.000000 NO       0.000000
U-463    0.000000 0.000000 0.000000 NO       0.000000
U-464    0.000000 0.000000 0.000000 NO       0.000000
U-466    0.000000 0.000000 0.000000 NO       0.000000
U-468    0.000000 0.000000 0.000000 NO       0.000000
U-468-NEW        0.000000 0.000000 0.000000 NO       0.000000
U-469    0.000000 0.000000 0.000000 NO       0.000000
U-47     0.000000 0.000000 0.000000 NO       0.000000
U-48     0.000000 0.000000 0.000000 NO       0.000000
U-481    0.000000 0.000000 0.000000 NO       0.000000
U-483    0.000000 0.000000 0.000000 NO       0.000000
U-486    0.000000 0.000000 0.000000 NO       0.000000
U-489    0.000000 0.000000 0.000000 NO       0.000000
U-492    0.000000 0.000000 0.000000 NO       0.000000
U-495    0.000000 0.000000 0.000000 NO       0.000000
U-496    0.000000 0.000000 0.000000 NO       0.000000
U-497    0.000000 0.000000 0.000000 NO       0.000000
U-498    0.000000 0.000000 0.000000 NO       0.000000
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U-50     0.000000 0.000000 0.000000 NO       0.000000
U-500    0.000000 0.000000 0.000000 NO       0.000000
U-501    0.000000 0.000000 0.000000 NO       0.000000
U-502    0.000000 0.000000 0.000000 NO       0.000000
U-503    0.000000 0.000000 0.000000 NO       0.000000
U-507    0.000000 0.000000 0.000000 NO       0.000000
U-509    0.000000 0.000000 0.000000 NO       0.000000
U-513    0.000000 0.000000 0.000000 NO       0.000000
U-514    0.000000 0.000000 0.000000 NO       0.000000
U-518-NEW        0.000000 0.000000 0.000000 NO       0.000000
U-519-NEW        0.000000 0.000000 0.000000 NO       0.000000
U-522    0.000000 0.000000 0.000000 NO       0.000000
U-523    0.000000 0.000000 0.000000 NO       0.000000
U-524-NEW        0.000000 0.000000 0.000000 NO       0.000000
U-525    0.000000 0.000000 0.000000 NO       0.000000
U-526    0.000000 0.000000 0.000000 NO       0.000000
U-527    0.000000 0.000000 0.000000 NO       0.000000
U-53     0.000000 0.000000 0.000000 NO       0.000000
U-530    0.000000 0.000000 0.000000 NO       0.000000
U-531    0.000000 0.000000 0.000000 NO       0.000000
U-533    0.000000 0.000000 0.000000 NO       0.000000
U-534-NEW        0.000000 0.000000 0.000000 NO       0.000000
U-537    0.000000 0.000000 0.000000 NO       0.000000
U-538    0.000000 0.000000 0.000000 NO       0.000000
U-54     0.000000 0.000000 0.000000 NO       0.000000
U-543    0.000000 0.000000 0.000000 NO       0.000000
U-545    0.000000 0.000000 0.000000 NO       0.000000
U-547    0.000000 0.000000 0.000000 NO       0.000000
U-548    0.000000 0.000000 0.000000 NO       0.000000
U-549    0.000000 0.000000 0.000000 NO       0.000000
U-55     0.000000 0.000000 0.000000 NO       0.000000
U-550    0.000000 0.000000 0.000000 NO       0.000000
U-555    0.000000 0.000000 0.000000 NO       0.000000
U-557    0.000000 0.000000 0.000000 NO       0.000000
U-559    0.000000 0.000000 0.000000 NO       0.000000
U-56     0.000000 0.000000 0.000000 NO       0.000000
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U-562    0.000000 0.000000 0.000000 NO       0.000000
U-565    0.000000 0.000000 0.000000 NO       0.000000
U-568    0.000000 0.000000 0.000000 NO       0.000000
U-569    0.000000 0.000000 0.000000 NO       0.000000
U-570    0.000000 0.000000 0.000000 NO       0.000000
U-572    0.000000 0.000000 0.000000 NO       0.000000
U-573    0.000000 0.000000 0.000000 NO       0.000000
U-574    0.000000 0.000000 0.000000 NO       0.000000
U-575    0.000000 0.000000 0.000000 NO       0.000000
U-580    0.000000 0.000000 0.000000 NO       0.000000
U-583    0.000000 0.000000 0.000000 NO       0.000000
U-584    0.000000 0.000000 0.000000 NO       0.000000
U-587    0.000000 0.000000 0.000000 NO       0.000000
U-589    0.000000 0.000000 0.000000 NO       0.000000
U-59     0.000000 0.000000 0.000000 NO       0.000000
U-590    0.000000 0.000000 0.000000 NO       0.000000
U-591    0.000000 0.000000 0.000000 NO       0.000000
U-596    0.000000 0.000000 0.000000 NO       0.000000
U-599    0.000000 0.000000 0.000000 NO       0.000000
U-60     0.000000 0.000000 0.000000 NO       0.000000
U-601    0.000000 0.000000 0.000000 NO       0.000000
U-604    0.000000 0.000000 0.000000 NO       0.000000
U-608    0.000000 0.000000 0.000000 NO       0.000000
U-609    0.000000 0.000000 0.000000 NO       0.000000
U-612    0.000000 0.000000 0.000000 NO       0.000000
U-614    0.000000 0.000000 0.000000 NO       0.000000
U-616    0.000000 0.000000 0.000000 NO       0.000000
U-618    0.000000 0.000000 0.000000 NO       0.000000
U-62     0.000000 0.000000 0.000000 NO       0.000000
U-620    0.000000 0.000000 0.000000 NO       0.000000
U-621    0.000000 0.000000 0.000000 NO       0.000000
U-623    0.000000 0.000000 0.000000 NO       0.000000
U-624    0.000000 0.000000 0.000000 NO       0.000000
U-625    0.000000 0.000000 0.000000 NO       0.000000
U-628    0.000000 0.000000 0.000000 NO       0.000000
U-629    0.000000 0.000000 0.000000 NO       0.000000
U-632    0.000000 0.000000 0.000000 NO       0.000000
U-633    0.000000 0.000000 0.000000 NO       0.000000
U-637    0.000000 0.000000 0.000000 NO       0.000000
U-64     0.000000 0.000000 0.000000 NO       0.000000
U-640    0.000000 0.000000 0.000000 NO       0.000000
U-643    0.000000 0.000000 0.000000 NO       0.000000
U-646    0.000000 0.000000 0.000000 NO       0.000000
U-648    0.000000 0.000000 0.000000 NO       0.000000
U-649    0.000000 0.000000 0.000000 NO       0.000000
U-651    0.000000 0.000000 0.000000 NO       0.000000
U-652    0.000000 0.000000 0.000000 NO       0.000000
U-653    0.000000 0.000000 0.000000 NO       0.000000
U-656    0.000000 0.000000 0.000000 NO       0.000000
U-657    0.000000 0.000000 0.000000 NO       0.000000
U-659-NEW        0.000000 0.000000 0.000000 NO       0.000000
U-66     0.000000 0.000000 0.000000 NO       0.000000
U-663    0.000000 0.000000 0.000000 NO       0.000000
U-668    0.000000 0.000000 0.000000 NO       0.000000
U-671    0.000000 0.000000 0.000000 NO       0.000000
U-674    0.000000 0.000000 0.000000 NO       0.000000
U-675    0.000000 0.000000 0.000000 NO       0.000000
U-678    0.000000 0.000000 0.000000 NO       0.000000
U-68     0.000000 0.000000 0.000000 NO       0.000000
U-681    0.000000 0.000000 0.000000 NO       0.000000
U-682    0.000000 0.000000 0.000000 NO       0.000000
U-684    0.000000 0.000000 0.000000 NO       0.000000
U-685    0.000000 0.000000 0.000000 NO       0.000000
U-686    0.000000 0.000000 0.000000 NO       0.000000
U-687    0.000000 0.000000 0.000000 NO       0.000000
U-688    0.000000 0.000000 0.000000 NO       0.000000
U-690    0.000000 0.000000 0.000000 YES      0.000000
U-694    0.000000 0.000000 0.000000 NO       0.000000
U-695    0.000000 0.000000 0.000000 NO       0.000000
U-696    0.000000 0.000000 0.000000 NO       0.000000
U-70     0.000000 0.000000 0.000000 NO       0.000000
U-701    0.000000 0.000000 0.000000 NO       0.000000
U-704    0.000000 0.000000 0.000000 NO       0.000000
U-706    0.000000 0.000000 0.000000 NO       0.000000
U-707    0.000000 0.000000 0.000000 NO       0.000000
U-708    0.000000 0.000000 0.000000 NO       0.000000
U-71     0.000000 0.000000 0.000000 NO       0.000000
U-710    0.000000 0.000000 0.000000 NO       0.000000
U-711    0.000000 0.000000 0.000000 NO       0.000000
U-717    0.000000 0.000000 0.000000 NO       0.000000
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U-718    0.000000 0.000000 0.000000 NO       0.000000
U-719    0.000000 0.000000 0.000000 NO       0.000000
U-720    0.000000 0.000000 0.000000 NO       0.000000
U-721-NEW         0.000000 0.000000 0.000000 NO       0.000000
U-725    0.000000 0.000000 0.000000 NO       0.000000
U-727    0.000000 0.000000 0.000000 NO       0.000000
U-729    0.000000 0.000000 0.000000 NO       0.000000
U-73     0.000000 0.000000 0.000000 NO       0.000000
U-731    0.000000 0.000000 0.000000 NO       0.000000
U-732    0.000000 0.000000 0.000000 NO       0.000000
U-734    0.000000 0.000000 0.000000 NO       0.000000
U-736    0.000000 0.000000 0.000000 NO       0.000000
U-738    0.000000 0.000000 0.000000 NO       0.000000
U-74     0.000000 0.000000 0.000000 NO       0.000000
U-740    0.000000 0.000000 0.000000 NO       0.000000
U-741    0.000000 0.000000 0.000000 NO       0.000000
U-743    0.000000 0.000000 0.000000 NO       0.000000
U-745    0.000000 0.000000 0.000000 NO       0.000000
U-747    0.000000 0.000000 0.000000 NO       0.000000
U-749    0.000000 0.000000 0.000000 NO       0.000000
U-75     0.000000 0.000000 0.000000 NO       0.000000
U-751    0.000000 0.000000 0.000000 NO       0.000000
U-753    0.000000 0.000000 0.000000 NO       0.000000
U-755    0.000000 0.000000 0.000000 NO       0.000000
U-763    0.000000 0.000000 0.000000 NO       0.000000
U-766    0.000000 0.000000 0.000000 NO       0.000000
U-769    0.000000 0.000000 0.000000 NO       0.000000
U-77     0.000000 0.000000 0.000000 NO       0.000000
U-772    0.000000 0.000000 0.000000 NO       0.000000
U-775    0.000000 0.000000 0.000000 NO       0.000000
U-778    0.000000 0.000000 0.000000 NO       0.000000
U-783    0.000000 0.000000 0.000000 NO       0.000000
U-786    0.000000 0.000000 0.000000 NO       0.000000
U-789    0.000000 0.000000 0.000000 NO       0.000000
U-792    0.000000 0.000000 0.000000 NO       0.000000
U-795    0.000000 0.000000 0.000000 NO       0.000000
U-796    0.000000 0.000000 0.000000 NO       0.000000
U-8      0.000000 0.000000 0.000000 NO       0.000000
U-801    0.000000 0.000000 0.000000 NO       0.000000
U-804    0.000000 0.000000 0.000000 NO       0.000000
U-807    0.000000 0.000000 0.000000 NO       0.000000
U-81     0.000000 0.000000 0.000000 NO       0.000000
U-810    0.000000 0.000000 0.000000 NO       0.000000
U-811    0.000000 0.000000 0.000000 NO       0.000000
U-815    0.000000 0.000000 0.000000 NO       0.000000
U-816    0.000000 0.000000 0.000000 NO       0.000000
U-82     0.000000 0.000000 0.000000 NO       0.000000
U-820    0.000000 0.000000 0.000000 NO       0.000000
U-823    0.000000 0.000000 0.000000 NO       0.000000
U-826    0.000000 0.000000 0.000000 NO       0.000000
U-829    0.000000 0.000000 0.000000 NO       0.000000
U-83     0.000000 0.000000 0.000000 NO       0.000000
U-832    0.000000 0.000000 0.000000 NO       0.000000
U-833    0.000000 0.000000 0.000000 NO       0.000000
U-834-EAC         0.000000 0.000000 0.000000 NO       0.000000
U-835    0.000000 0.000000 0.000000 NO       0.000000
U-837    0.000000 0.000000 0.000000 NO       0.000000
U-838    0.000000 0.000000 0.000000 NO       0.000000
U-839    0.000000 0.000000 0.000000 NO       0.000000
U-840    0.000000 0.000000 0.000000 NO       0.000000
U-841    0.000000 0.000000 0.000000 NO       0.000000
U-842    0.000000 0.000000 0.000000 NO       0.000000
U-846    0.000000 0.000000 0.000000 NO       0.000000
U-847    0.000000 0.000000 0.000000 NO       0.000000
U-848    0.000000 0.000000 0.000000 NO       0.000000
U-851    0.000000 0.000000 0.000000 NO       0.000000
U-852    0.000000 0.000000 0.000000 NO       0.000000
U-854    0.000000 0.000000 0.000000 NO       0.000000
U-856    0.000000 0.000000 0.000000 NO       0.000000
U-858    0.000000 0.000000 0.000000 NO       0.000000
U-860    0.000000 0.000000 0.000000 NO       0.000000
U-863    0.000000 0.000000 0.000000 NO       0.000000
U-864    0.000000 0.000000 0.000000 NO       0.000000
U-865    0.000000 0.000000 0.000000 NO       0.000000
U-866    0.000000 0.000000 0.000000 NO       0.000000
U-867    0.000000 0.000000 0.000000 NO       0.000000
U-868    0.000000 0.000000 0.000000 NO       0.000000
U-869    0.000000 0.000000 0.000000 NO       0.000000
U-871    0.000000 0.000000 0.000000 NO       0.000000
U-872    0.000000 0.000000 0.000000 NO       0.000000
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U-874-NEW        0.000000 0.000000 0.000000 NO       0.000000
U-875    0.000000 0.000000 0.000000 NO       0.000000
U-878    0.000000 0.000000 0.000000 NO       0.000000
U-879    0.000000 0.000000 0.000000 NO       0.000000
U-88     0.000000 0.000000 0.000000 NO       0.000000
U-880    0.000000 0.000000 0.000000 NO       0.000000
U-885    0.000000 0.000000 0.000000 NO       0.000000
U-90     0.000000 0.000000 0.000000 NO       0.000000
U-91     0.000000 0.000000 0.000000 NO       0.000000
U-92     0.000000 0.000000 0.000000 NO       0.000000
U-96     0.000000 0.000000 0.000000 NO       0.000000
U-97     0.000000 0.000000 0.000000 NO       0.000000
U-98     0.000000 0.000000 0.000000 NO       0.000000
U-99     0.000000 0.000000 0.000000 NO       0.000000

[CONTROLS]

[POLLUTANTS]

[LANDUSES]
5410     0.000000 0.000000 0.000000
5710     0.000000 0.000000 0.000000
3300     0.000000 0.000000 0.000000
1850     0.000000 0.000000 0.000000
5430     0.000000 0.000000 0.000000
8140     0.000000 0.000000 0.000000
1810     0.000000 0.000000 0.000000
1210     0.000000 0.000000 0.000000
1340     0.000000 0.000000 0.000000
1330     0.000000 0.000000 0.000000
5300     0.000000 0.000000 0.000000
1411     0.000000 0.000000 0.000000
1710     0.000000 0.000000 0.000000
1310     0.000000 0.000000 0.000000
1400     0.000000 0.000000 0.000000
1700     0.000000 0.000000 0.000000
6120     0.000000 0.000000 0.000000
4200     0.000000 0.000000 0.000000
4370     0.000000 0.000000 0.000000

[COVERAGES]
SUB-11856        8140     40.616910
SUB-11856        1411     4.511578
SUB-11856        4200     49.387834
SUB-11856        1850     5.483678
SUB-11868        1340     100.000000
SUB-11924        1210     100.000000
SUB-11926        1210     100.000000
SUB-11930        1210     100.000000
SUB-11932        8140     12.106676
SUB-11932        1850     86.828336
SUB-11932        1411     1.064988
SUB-11936        8140     56.473568
SUB-11936        1850     42.477130
SUB-11936        1310     0.217946
SUB-11936        1210     0.831356
SUB-11944        5410     0.025548
SUB-11944        1210     99.974452
SUB-11948        1210     100.000000
SUB-11950        8140     47.558289
SUB-11950        1850     47.236975
SUB-11950        1310     5.204736
SUB-11954        1210     100.000000
SUB-11958        1210     100.000000
SUB-11968        1210     33.970231
SUB-11968        1411     0.002366
SUB-11968        1850     66.027403
SUB-11970        8140     41.574475
SUB-11970        1850     54.243106
SUB-11970        1310     4.182419
SUB-11972        1210     100.000000
SUB-11978        5410     0.042034
SUB-11978        1210     99.957966
SUB-11984        1210     99.716662
SUB-11984        1710     0.283338
SUB-11986        1210     79.015380
SUB-11986        1411     11.112245
SUB-11986        1850     9.872375
SUB-11988        1210     96.489306
SUB-11988        1710     3.510694
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SUB-11990	1210	99.770376
SUB-11990	1710	0.229624
SUB-11994	1210	100.000000
SUB-11998	1210	99.788034
SUB-11998	1710	0.211966
SUB-12004	1210	100.000000
SUB-12010	1210	100.000000
SUB-12014	1340	100.000000
SUB-12016	5410	0.002266
SUB-12016	1210	99.997734
SUB-12024	5410	1.051186
SUB-12024	1210	98.948814
SUB-12036	1210	96.944519
SUB-12036	1710	3.055481
SUB-12044	1340	99.931291
SUB-12044	5300	0.068709
SUB-12046	1210	100.000000
SUB-12048	1210	84.559196
SUB-12048	1710	15.440804
SUB-12052	5410	0.213765
SUB-12052	1210	99.786235
SUB-12060	1210	100.000000
SUB-12062	1210	100.000000
SUB-12068	1210	99.147002
SUB-12068	1411	0.852962
SUB-12072	1210	100.000000
SUB-12084	5410	0.015244
SUB-12084	1210	99.984756
SUB-12086	1210	100.000000
SUB-12088	1210	100.000000
SUB-12100	5410	0.025892
SUB-12100	1210	99.974108
SUB-12110	5410	0.051794
SUB-12110	1210	99.948209
SUB-12112	5410	0.010472
SUB-12112	1210	99.989528
SUB-12116	5410	0.000006
SUB-12116	1210	99.999994
SUB-12122	1210	100.000000
SUB-12128	1210	100.000000
SUB-12132	1210	100.000000
SUB-12136	1210	100.000000
SUB-12138	1210	100.000000
SUB-12142	5410	0.012120
SUB-12142	1210	99.987830
SUB-12144	1210	100.000000
SUB-12150	1210	100.000000
SUB-12152	1210	100.000000
SUB-12154	1210	100.000000
SUB-12158	1210	100.000000
SUB-12160	1210	100.000000
SUB-12162	1210	100.000000
SUB-12164	1210	100.000000
SUB-12166	1210	100.000000
SUB-12168	1210	100.000000
SUB-12170	1210	100.000000
SUB-12172	1210	100.000000
SUB-12174	1210	100.000000
SUB-12176	1210	100.000000
SUB-12180	1210	100.000000
SUB-12182	1210	100.000000
SUB-12184	1210	100.000000
SUB-12186	1210	100.000000
SUB-12188	1210	100.000000
SUB-12190	1210	100.000000
SUB-12192	1210	100.000000
SUB-12194	1210	100.000000
SUB-12196	1210	100.000000
SUB-12198	1210	100.000000
SUB-12200	1210	100.000000
SUB-12202	1210	100.000000
SUB-12204	1210	100.000000
SUB-12206	1210	98.774416
SUB-12206	1411	1.225584
SUB-12208	1210	95.195029
SUB-12208	1411	4.805011
SUB-12210	1210	100.000000
SUB-12212	1210	88.318024
SUB-12212	1710	11.681976
SUB-12214	1210	95.753648

SUB-12214	1710	4.246352
SUB-12216	1210	75.070965
SUB-12216	1411	24.929035
SUB-12218	1210	76.930915
SUB-12218	1411	23.069085
SUB-12222	1210	100.000000
SUB-12224	1210	100.000000
SUB-12226	1210	100.000000
SUB-12228	1210	100.000000
SUB-12230	1210	100.000000
SUB-12232	1210	100.000000
SUB-12234	1210	100.000000
SUB-12238	1210	100.000000
SUB-12240	1210	100.000000
SUB-12242	1210	100.000000
SUB-12244	1210	100.000000
SUB-12246	1210	100.000000
SUB-12248	1210	100.000000
SUB-12250	1210	100.000000
SUB-12252	1210	100.000000
SUB-12256	1210	100.000000
SUB-12258	1210	100.000000
SUB-12260	1210	100.000000
SUB-12262	1210	100.000000
SUB-12264	1210	100.000000
SUB-12266	1210	100.000000
SUB-12268	1210	100.000000
SUB-12272	1210	100.000000
SUB-12274	1210	100.000000
SUB-12276	1210	100.000000
SUB-12278	1210	100.000000
SUB-12280	1210	100.000000
SUB-12284	1210	81.905154
SUB-12284	1411	11.158669
SUB-12284	1400	6.936177
SUB-12286	1210	37.374899
SUB-12286	1850	48.655260
SUB-12286	1411	13.969841
SUB-12288	1210	18.582824
SUB-12288	1850	81.417176
SUB-12290	1210	100.000000
SUB-12292	1210	100.000000
SUB-12294	1210	100.000000
SUB-12296	1210	100.000000
SUB-12300	1210	100.000000
SUB-12302	1210	100.000000
SUB-12304	1210	91.891638
SUB-12304	1400	8.108362
SUB-12306	1210	100.000000
SUB-12308	1210	100.000000
SUB-12310	1210	55.390112
SUB-12310	1400	4.753572
SUB-12310	1700	25.745064
SUB-12310	1411	14.111252
SUB-12312	1210	100.000000
SUB-12314	1210	62.141242
SUB-12314	1700	36.953283
SUB-12314	1340	0.905474
SUB-12316	1210	64.501601
SUB-12316	1400	33.623904
SUB-12316	1340	1.874495
SUB-12318	1210	100.000000
SUB-12320	1210	100.000000
SUB-12322	1210	100.000000
SUB-12324	1210	100.000000
SUB-12326	1210	100.000000
SUB-12328	1210	100.000000
SUB-12330	1210	100.000000
SUB-12332	1210	100.000000
SUB-12334	1210	100.000000
SUB-12336	1210	100.000000
SUB-12340	1210	89.622166
SUB-12340	1340	10.377834
SUB-12344	1210	100.000000
SUB-12346	8140	0.022784
SUB-12346	1210	99.977216
SUB-12348	1210	93.604633
SUB-12348	1340	6.395367
SUB-12350	1210	93.715474
SUB-12350	1340	6.284526

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SUB-12352        1210     100.000000
SUB-12354        1210     100.000000
SUB-12356        1210     92.793257
SUB-12356        1340     7.206743
SUB-12358        1210     100.000000
SUB-12362        1210     100.000000
SUB-12364        1310     37.995792
SUB-12364        1210     62.004208
SUB-12366        1340     0.023229
SUB-12366        1310     18.204576
SUB-12366        1210     81.772195
SUB-12368        8140     82.556089
SUB-12368        1400     8.127206
SUB-12368        1411     9.316705
SUB-12372        8140     12.418480
SUB-12372        1340     87.581520
SUB-12374        1340     100.000000
SUB-12376        1340     100.000000
SUB-12380        1340     100.000000
SUB-12382        8140     93.609512
SUB-12382        1340     1.039116
SUB-12382        1400     5.351373
SUB-12386        8140     92.009175
SUB-12386        1340     6.238746
SUB-12386        1411     1.355893
SUB-12386        1310     0.396187
SUB-12388        8140     90.467914
SUB-12388        1340     6.482008
SUB-12388        1411     3.050077
SUB-12394        1340     100.000000
SUB-12396        1340     100.000000
SUB-12398        1340     100.000000
SUB-12400        1340     100.000000
SUB-12402        1340     100.000000
SUB-12404        1340     100.000000
SUB-12408        1340     100.000000
SUB-12410        1340     100.000000
SUB-12414        1340     100.000000
SUB-12418        1340     100.000000
SUB-12420        1340     100.000000
SUB-12422        1340     100.000000
SUB-12424        8140     85.386934
SUB-12424        1340     12.810336
SUB-12424        1411     1.802731
SUB-12428        8140     88.197707
SUB-12428        1210     2.932338
SUB-12428        1340     8.869956
SUB-12430        8140     51.045701
SUB-12430        1210     35.294909
SUB-12430        1340     13.659390
SUB-12432        1210     100.000000
SUB-12434        8140     53.330221
SUB-12434        1210     43.629336
SUB-12434        1340     1.143717
SUB-12434        1330     1.896730
SUB-12438        1210     100.000000
SUB-12442        1210     100.000000
SUB-12444        8140     93.875337
SUB-12444        1411     0.223198
SUB-12444        1340     4.131903
SUB-12444        1400     1.769563
SUB-12446        8140     86.467161
SUB-12446        1850     0.111743
SUB-12446        1210     8.060081
SUB-12446        1411     4.990660
SUB-12446        1340     0.370355
SUB-12448        1210     100.000000
SUB-12450        1210     100.000000
SUB-12452        1210     100.000000
SUB-12454        1210     86.514099
SUB-12454        1710     13.485901
SUB-12456        1210     87.935771
SUB-12456        1710     12.064229
SUB-12458        1210     76.399801
SUB-12458        1411     23.600199

[COND_QUALITY]

[BUILDUP]
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[WASHOFF]

[TREATMENT]

[DWF]

[LOADINGS]

[CURVES]
02WELLS  PUMP3    0.000000 22.000000
02WELLS  1.000000 22.000000
02WELLS  2.000000 22.000000
02WELLS  3.000000 22.000000
02WELLS  4.000000 22.000000
04WELLS  PUMP3    0.000000 44.000000
04WELLS  1.000000 44.000000
04WELLS  2.000000 44.000000
04WELLS  3.000000 44.000000
04WELLS  4.000000 44.000000
06WELLS  PUMP3    0.000000 65.000000
06WELLS  1.000000 65.000000
06WELLS  2.000000 65.000000
06WELLS  3.000000 65.000000
06WELLS  4.000000 65.000000
08WELLS  PUMP3    0.000000 88.000000
08WELLS  1.000000 88.000000
08WELLS  2.000000 88.000000
08WELLS  3.000000 88.000000
08WELLS  4.000000 88.000000
10WELLS  PUMP3    0.000000 60.000000
10WELLS  1.000000 60.000000
10WELLS  2.000000 60.000000
10WELLS  3.000000 60.000000
10WELLS  4.000000 60.000000
1W       RATING   0.000000 0.000000
1W       0.250000 0.544000
1W       0.500000 1.089000
1W       1.000000 2.178000
1W       2.000000 4.356000
1W       3.000000 6.534000
1W       4.000000 8.711000
1W-ENID  RATING   0.000000 0.000000
1W-ENID  0.250000 0.710000
1W-ENID  0.500000 1.420000
1W-ENID  1.000000 2.841000
1W-ENID  10.000000        2.841000
2C-ENID  RATING   0.000000 0.000000
2C-ENID  0.250000 0.710000
2C-ENID  0.500000 1.420000
2C-ENID  1.000000 2.841000
2C-ENID  10.000000        2.841000
2E       RATING   0.000000 0.000000
2E       0.250000 0.521000
2E       0.500000 1.042000
2E       1.000000 2.083000
2E       2.000000 4.166000
2E       3.000000 6.250000
2E       4.000000 8.333000
3-A      RATING   0.000000 0.000000
3-A      0.250000 0.303000
3-A      0.500000 0.606000
3-A      1.000000 1.212000
3-A      10.000000        1.212000
3-B      RATING   0.000000 0.000000
3-B      0.250000 0.156000
3-B      0.500000 0.312000
3-B      1.000000 0.625000
3-B      10.000000        0.625000
3-C      RATING   0.000000 0.000000
3-C      0.250000 0.568000
3-C      0.500000 1.136000
3-C      1.000000 2.273000
3-C      10.000000        2.273000
3-D      RATING   0.000000 0.000000
3-D      0.250000 0.237000
3-D      0.500000 0.473000
3-D      1.000000 0.947000
3-D      10.000000        0.947000
3W       RATING   0.000000 0.000000
3W       0.250000 0.710000
```

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3W      0.500000 1.420000
3W      1.000000 2.841000
3W      2.000000 5.681000
3W      3.000000 8.522000
3W      4.000000 11.363000
4-11    RATING   0.000000 0.000000
4-11    0.500000 0.920000
4-11    1.000000 1.800000
4-11    2.000000 3.550000
4-11    3.000000 5.050000
4-11    4.000000 5.990000
4E      RATING   0.000000 0.000000
4E      0.500000 3.930000
4E      1.000000 7.700000
4E      2.000000 15.230000
4E      3.000000 21.650000
4E      4.000000 25.660000
5-15    RATING   0.000000 0.000000
5-15    0.500000 1.670000
5-15    1.000000 3.300000
5-15    10.000000        3.300000
6-A     RATING   0.000000 0.000000
6-A     0.500000 0.983000
6-A     1.000000 1.952000
6-A     10.000000        1.952000
6-B     RATING   0.000000 0.000000
6-B     0.250000 0.568000
6-B     0.500000 1.136000
6-B     1.000000 2.273000
6-B     2.000000 4.545000
6-B     3.000000 6.818000
6-B     4.000000 9.090000
6-C     RATING   0.000000 0.000000
6-C     0.250000 0.568000
6-C     0.500000 1.136000
6-C     1.000000 2.273000
6-C     10.000000        2.273000
6-D     RATING   0.000000 0.000000
6-D     0.500000 1.965000
6-D     1.000000 3.850000
6-D     10.000000        3.850000
7-A     RATING   0.000000 0.000000
7-A     0.250000 0.360000
7-A     0.500000 0.720000
7-A     1.000000 1.439000
7-A     10.000000        1.439000
7-B     RATING   0.000000 0.000000
7-B     0.250000 0.426000
7-B     0.500000 0.852000
7-B     1.000000 1.704000
7-B     10.000000        1.704000
7-C     RATING   0.000000 0.000000
7-C     0.250000 0.710000
7-C     0.500000 1.420000
7-C     1.000000 2.841000
7-C     10.000000        2.841000
7-D     RATING   0.000000 0.000000
7-D     0.500000 2.360000
7-D     1.000000 4.620000
7-D     10.000000        4.620000
8-A     RATING   0.000000 0.000000
8-A     0.500000 1.050000
8-A     1.000000 2.055000
8-A     10.000000        2.055000
8-B     RATING   0.000000 0.000000
8-B     0.500000 0.720000
8-B     1.000000 1.410000
8-B     10.000000        1.410000
8-C     RATING   0.000000 0.000000
8-C     0.500000 1.965000
8-C     1.000000 3.850000
8-C     10.000000        3.850000
C-TIDE  TIDAL    0.000000 -0.960000
C-TIDE  1.000000 -0.960000
C-TIDE  2.000000 -1.200000
C-TIDE  3.000000 -1.340000
C-TIDE  4.000000 -1.110000
C-TIDE  5.000000 -0.680000
C-TIDE  6.000000 -0.260000
C-TIDE  7.000000 0.140000
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C-TIDE   8.000000 0.500000
C-TIDE   9.000000 0.603000
C-TIDE   10.000000         0.480000
C-TIDE   11.000000         0.120000
C-TIDE   12.000000         -0.200000
C-TIDE   13.000000         -0.510000
C-TIDE   14.000000         -0.750000
C-TIDE   15.000000         -0.852000
C-TIDE   16.000000         -0.717000
C-TIDE   17.000000         -0.420000
C-TIDE   18.000000         -0.090000
C-TIDE   19.000000         0.240000
C-TIDE   20.000000         0.510000
C-TIDE   21.000000         0.605000
C-TIDE   22.000000         0.470000
C-TIDE   23.000000         0.120000
C-TIDE   24.000000         -0.220000
C-TIDE   25.000000         -0.560000
C-TIDE   26.000000         -0.850000
C-TIDE   27.000000         -1.050000
C-TIDE   28.000000         -1.090000
C-TIDE   29.000000         -0.720000
C-TIDE   30.000000         -0.410000
C-TIDE   31.000000         -0.010000
C-TIDE   32.000000         0.340000
C-TIDE   33.000000         0.597000
C-TIDE   34.000000         0.631000
C-TIDE   35.000000         0.400000
C-TIDE   36.000000         0.080000
C-TIDE   37.000000         -0.190000
C-TIDE   38.000000         -0.500000
C-TIDE   39.000000         -0.660000
C-TIDE   40.000000         -0.770000
C-TIDE   41.000000         -0.630000
C-TIDE   42.000000         -0.400000
C-TIDE   43.000000         -0.120000
C-TIDE   44.000000         0.170000
C-TIDE   45.000000         0.380000
C-TIDE   46.000000         0.390000
C-TIDE   47.000000         0.190000
C-TIDE   48.000000         -0.140000
C-TIDE   49.000000         -0.470000
C-TIDE   50.000000         -0.770000
C-TIDE   51.000000         -1.050000
C-TIDE   52.000000         -1.220000
C-TIDE   53.000000         -1.200000
C-TIDE   54.000000         -0.876000
C-TIDE   55.000000         -0.498000
C-TIDE   56.000000         -0.104000
C-TIDE   57.000000         0.204000
C-TIDE   58.000000         0.388000
C-TIDE   59.000000         0.372000
C-TIDE   60.000000         0.134000
C-TIDE   61.000000         -0.138000
C-TIDE   62.000000         -0.434000
C-TIDE   63.000000         -0.716000
C-TIDE   64.000000         -0.916000
C-TIDE   65.000000         -0.995000
C-TIDE   66.000000         -0.842000
C-TIDE   67.000000         -0.572000
C-TIDE   68.000000         -0.310000
C-TIDE   69.000000         -0.030000
C-TIDE   70.000000         0.160000
C-TIDE   71.000000         0.210000
C-TIDE   72.000000         0.060000
INJECTION         RATING   0.500000 1.120000
INJECTION         1.000000 2.230000
INJECTION         2.000000 4.460000
INJECTION         3.000000 6.700000
INJECTION         4.000000 8.930000
PROP-10W RATING   0.000000 0.000000
PROP-10W 1.000000 22.000000
PROP-10W 2.000000 44.000000
PROP-10W 3.000000 66.000000
PROP-2W  RATING   0.000000 0.000000
PROP-2W  3.000000 17.000000
PROP-5W  RATING   0.000000 0.000000
PROP-5W  1.000000 11.160000
PROP-5W  2.000000 22.320000
PROP-5W  3.000000 33.481000
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PS-HC1   PUMP3    0.000000 8.000000
PS-HC1   1.000000 8.000000
PS-HC1   2.000000 8.000000
PS-HC1   3.000000 8.000000
PS-OL1   PUMP3    0.000000 2.000000
PS-OL1   1.000000 2.000000
PS-OL1   2.000000 2.000000
PS-OL1   3.000000 2.000000
PS-OL1   16.000000        8.910000
S-20     RATING   0.000000 0.000000
S-20     0.500000 1.440000
S-20     1.000000 2.820000
S-20     10.000000        2.820000
S13W     RATING   0.000000 0.000000
S13W     0.250000 0.710000
S13W     0.500000 1.420000
S13W     1.000000 2.841000
S13W     10.000000        2.841000
STD-2400GPM      RATING   0.000000 0.000000
STD-2400GPM      0.500000 0.655000
STD-2400GPM      1.000000 1.285000
STDWELL  RATING   0.000000 0.000000
STDWELL  0.850000 1.897000
STDWELLX2        RATING   0.000000 0.000000
STDWELLX2        0.850000 3.795000
STDWELLX2        10.000000        3.795000
WET-WELL STORAGE  1.000000 201.000000
WET-WELL 2.000000 201.000000
WET-WELL 3.000000 201.000000
WET-WELL 4.000000 201.000000
WET-WELL 5.000000 201.000000
WET-WELL 6.000000 201.000000
WET-WELL 7.000000 201.000000
WET-WELL 8.000000 201.000000
WET-WELL 9.000000 201.000000
WET-WELL 10.000000        201.000000
WET-WELL 11.000000        201.000000
WET-WELL 12.000000        201.000000
WET-WELL 13.000000        201.000000
WET-WELL 14.000000        201.000000
WET-WELL 15.000000        201.000000
WET-WELL 16.000000        201.000000
W-ENID-DRIVE_STDWELLX2  RATING    0.000000 0.000000
W-ENID-DRIVE_STDWELLX2    0.850000 3.795000
W-ENID-DRIVE_STDWELLX2    10.000000        3.795000

WELL-W-MCINTYRE_STDWELLX2  RATING  0.000000 0.000000
WELL-W-MCINTYRE_STDWELLX2 0.850000 3.795000
WELL-W-MCINTYRE_STDWELLX2 10.000000        3.795000


[TIMESERIES]
5YR72HRSTORM     0        0.000000
5YR72HRSTORM     0.250000 0.010000
5YR72HRSTORM     0.500000 0.020000
5YR72HRSTORM     0.750000 0.030000
5YR72HRSTORM     1        0.040000
5YR72HRSTORM     1.250000 0.050000
5YR72HRSTORM     1.500000 0.050000
5YR72HRSTORM     1.750000 0.070000
5YR72HRSTORM     2        0.070000
5YR72HRSTORM     2.250000 0.080000
5YR72HRSTORM     2.500000 0.090000
5YR72HRSTORM     2.750000 0.100000
5YR72HRSTORM     3        0.110000
5YR72HRSTORM     3.250000 0.120000
5YR72HRSTORM     3.500000 0.130000
5YR72HRSTORM     3.750000 0.140000
5YR72HRSTORM     4        0.140000
5YR72HRSTORM     4.250000 0.160000
5YR72HRSTORM     4.500000 0.160000
5YR72HRSTORM     4.750000 0.170000
5YR72HRSTORM     5        0.180000
5YR72HRSTORM     5.250000 0.190000
5YR72HRSTORM     5.500000 0.200000
5YR72HRSTORM     5.750000 0.210000
5YR72HRSTORM     6        0.220000
5YR72HRSTORM     6.250000 0.230000
5YR72HRSTORM     6.500000 0.240000
5YR72HRSTORM     6.750000 0.250000
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5YR72HRSTORM     7        0.260000
5YR72HRSTORM     7.250000 0.260000
5YR72HRSTORM     7.500000 0.280000
5YR72HRSTORM     7.750000 0.280000
5YR72HRSTORM     8        0.290000
5YR72HRSTORM     8.250000 0.300000
5YR72HRSTORM     8.500000 0.310000
5YR72HRSTORM     8.750000 0.320000
5YR72HRSTORM     9        0.330000
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25YR72HR 67.500000        10.420000
25YR72HR 67.750000        10.460000
25YR72HR 68       10.490000
25YR72HR 68.250000        10.510000
25YR72HR 68.500000        10.540000
25YR72HR 68.750000        10.560000
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25YR72HR 69.250000        10.610000
25YR72HR 69.500000        10.630000
25YR72HR 69.750000        10.660000
25YR72HR 70       10.680000
25YR72HR 70.250000        10.700000
25YR72HR 70.500000        10.730000
25YR72HR 70.750000        10.750000
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25YR72HR 71.500000        10.820000
25YR72HR 71.750000        10.850000
25YR72HR 72       10.870000

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100YR72HRSTORM   19.500000        1.190000
100YR72HRSTORM   19.750000        1.200000
100YR72HRSTORM   20       1.220000
100YR72HRSTORM   20.250000        1.230000
100YR72HRSTORM   20.500000        1.250000
100YR72HRSTORM   20.750000        1.260000
100YR72HRSTORM   21       1.280000
100YR72HRSTORM   21.250000        1.290000
100YR72HRSTORM   21.500000        1.310000
100YR72HRSTORM   21.750000        1.320000
100YR72HRSTORM   22       1.340000
100YR72HRSTORM   22.250000        1.350000
100YR72HRSTORM   22.500000        1.370000
100YR72HRSTORM   22.750000        1.380000
100YR72HRSTORM   23       1.400000
100YR72HRSTORM   23.250000        1.410000
100YR72HRSTORM   23.500000        1.430000
100YR72HRSTORM   23.750000        1.440000
100YR72HRSTORM   24       1.460000
100YR72HRSTORM   24.250000        1.480000
100YR72HRSTORM   24.500000        1.500000
100YR72HRSTORM   24.750000        1.530000
100YR72HRSTORM   25       1.550000
```

```
100YR72HRSTORM   25.250000        1.570000
100YR72HRSTORM   25.500000        1.590000
100YR72HRSTORM   25.750000        1.620000
100YR72HRSTORM   26       1.640000
100YR72HRSTORM   26.250000        1.660000
100YR72HRSTORM   26.500000        1.680000
100YR72HRSTORM   26.750000        1.700000
100YR72HRSTORM   27       1.730000
100YR72HRSTORM   27.250000        1.750000
100YR72HRSTORM   27.500000        1.770000
100YR72HRSTORM   27.750000        1.790000
100YR72HRSTORM   28       1.820000
100YR72HRSTORM   28.250000        1.840000
100YR72HRSTORM   28.500000        1.860000
100YR72HRSTORM   28.750000        1.880000
100YR72HRSTORM   29       1.900000
100YR72HRSTORM   29.250000        1.930000
100YR72HRSTORM   29.500000        1.950000
100YR72HRSTORM   29.750000        1.970000
100YR72HRSTORM   30       1.990000
100YR72HRSTORM   30.250000        2.010000
100YR72HRSTORM   30.500000        2.040000
100YR72HRSTORM   30.750000        2.060000
100YR72HRSTORM   31       2.080000
100YR72HRSTORM   31.250000        2.100000
100YR72HRSTORM   31.500000        2.130000
100YR72HRSTORM   31.750000        2.150000
100YR72HRSTORM   32       2.170000
100YR72HRSTORM   32.250000        2.190000
100YR72HRSTORM   32.500000        2.210000
100YR72HRSTORM   32.750000        2.240000
100YR72HRSTORM   33       2.260000
100YR72HRSTORM   33.250000        2.280000
100YR72HRSTORM   33.500000        2.300000
100YR72HRSTORM   33.750000        2.330000
100YR72HRSTORM   34       2.350000
100YR72HRSTORM   34.250000        2.370000
100YR72HRSTORM   34.500000        2.390000
100YR72HRSTORM   34.750000        2.410000
100YR72HRSTORM   35       2.440000
100YR72HRSTORM   35.250000        2.460000
100YR72HRSTORM   35.500000        2.480000
100YR72HRSTORM   35.750000        2.500000
100YR72HRSTORM   36       2.520000
100YR72HRSTORM   36.250000        2.550000
100YR72HRSTORM   36.500000        2.570000
100YR72HRSTORM   36.750000        2.590000
100YR72HRSTORM   37       2.610000
100YR72HRSTORM   37.250000        2.640000
100YR72HRSTORM   37.500000        2.660000
100YR72HRSTORM   37.750000        2.680000
100YR72HRSTORM   38       2.700000
100YR72HRSTORM   38.250000        2.720000
100YR72HRSTORM   38.500000        2.750000
100YR72HRSTORM   38.750000        2.770000
100YR72HRSTORM   39       2.790000
100YR72HRSTORM   39.250000        2.810000
100YR72HRSTORM   39.500000        2.840000
100YR72HRSTORM   39.750000        2.860000
100YR72HRSTORM   40       2.880000
100YR72HRSTORM   40.250000        2.900000
100YR72HRSTORM   40.500000        2.920000
100YR72HRSTORM   40.750000        2.950000
100YR72HRSTORM   41       2.970000
100YR72HRSTORM   41.250000        2.990000
100YR72HRSTORM   41.500000        3.010000
100YR72HRSTORM   41.750000        3.040000
100YR72HRSTORM   42       3.060000
100YR72HRSTORM   42.250000        3.080000
100YR72HRSTORM   42.500000        3.100000
100YR72HRSTORM   42.750000        3.120000
100YR72HRSTORM   43       3.150000
100YR72HRSTORM   43.250000        3.170000
100YR72HRSTORM   43.500000        3.190000
100YR72HRSTORM   43.750000        3.210000
100YR72HRSTORM   44       3.240000
100YR72HRSTORM   44.250000        3.260000
100YR72HRSTORM   44.500000        3.280000
100YR72HRSTORM   44.750000        3.300000
100YR72HRSTORM   45       3.320000
```

```
100YR72HRSTORM   45.250000        3.350000
100YR72HRSTORM   45.500000        3.370000
100YR72HRSTORM   45.750000        3.390000
100YR72HRSTORM   46       3.410000
100YR72HRSTORM   46.250000        3.430000
100YR72HRSTORM   46.500000        3.460000
100YR72HRSTORM   46.750000        3.480000
100YR72HRSTORM   47       3.500000
100YR72HRSTORM   47.250000        3.520000
100YR72HRSTORM   47.500000        3.550000
100YR72HRSTORM   47.750000        3.570000
100YR72HRSTORM   48       3.590000
100YR72HRSTORM   48.250000        3.620000
100YR72HRSTORM   48.500000        3.640000
100YR72HRSTORM   48.750000        3.670000
100YR72HRSTORM   49       3.690000
100YR72HRSTORM   49.250000        3.720000
100YR72HRSTORM   49.500000        3.740000
100YR72HRSTORM   49.750000        3.770000
100YR72HRSTORM   50       3.790000
100YR72HRSTORM   50.250000        3.820000
100YR72HRSTORM   50.500000        3.850000
100YR72HRSTORM   50.750000        3.880000
100YR72HRSTORM   51       3.910000
100YR72HRSTORM   51.250000        3.940000
100YR72HRSTORM   51.500000        3.970000
100YR72HRSTORM   51.750000        4.000000
100YR72HRSTORM   52       4.040000
100YR72HRSTORM   52.250000        4.080000
100YR72HRSTORM   52.500000        4.120000
100YR72HRSTORM   52.750000        4.170000
100YR72HRSTORM   53       4.210000
100YR72HRSTORM   53.250000        4.260000
100YR72HRSTORM   53.500000        4.310000
100YR72HRSTORM   53.750000        4.370000
100YR72HRSTORM   54       4.420000
100YR72HRSTORM   54.250000        4.480000
100YR72HRSTORM   54.500000        4.540000
100YR72HRSTORM   54.750000        4.610000
100YR72HRSTORM   55       4.670000
100YR72HRSTORM   55.250000        4.740000
100YR72HRSTORM   55.500000        4.810000
100YR72HRSTORM   55.750000        4.880000
100YR72HRSTORM   56       4.960000
100YR72HRSTORM   56.250000        5.040000
100YR72HRSTORM   56.500000        5.120000
100YR72HRSTORM   56.750000        5.210000
100YR72HRSTORM   57       5.300000
100YR72HRSTORM   57.250000        5.400000
100YR72HRSTORM   57.500000        5.500000
100YR72HRSTORM   57.750000        5.610000
100YR72HRSTORM   58       5.720000
100YR72HRSTORM   58.250000        5.840000
100YR72HRSTORM   58.500000        5.960000
100YR72HRSTORM   58.750000        6.120000
100YR72HRSTORM   59       6.280000
100YR72HRSTORM   59.250000        6.530000
100YR72HRSTORM   59.500000        6.780000
100YR72HRSTORM   59.750000        8.470000
100YR72HRSTORM   60       10.150000
100YR72HRSTORM   60.250000        10.520000
100YR72HRSTORM   60.500000        10.880000
100YR72HRSTORM   60.750000        11.070000
100YR72HRSTORM   61       11.260000
100YR72HRSTORM   61.250000        11.400000
100YR72HRSTORM   61.500000        11.540000
100YR72HRSTORM   61.750000        11.660000
100YR72HRSTORM   62       11.770000
100YR72HRSTORM   62.250000        11.860000
100YR72HRSTORM   62.500000        11.940000
100YR72HRSTORM   62.750000        12.020000
100YR72HRSTORM   63       12.090000
100YR72HRSTORM   63.250000        12.170000
100YR72HRSTORM   63.500000        12.240000
100YR72HRSTORM   63.750000        12.320000
100YR72HRSTORM   64       12.390000
100YR72HRSTORM   64.250000        12.430000
100YR72HRSTORM   64.500000        12.480000
100YR72HRSTORM   64.750000        12.530000
100YR72HRSTORM   65       12.570000
```

```
100YR72HRSTORM   65.250000        12.620000
100YR72HRSTORM   65.500000        12.660000
100YR72HRSTORM   65.750000        12.710000
100YR72HRSTORM   66       12.750000
100YR72HRSTORM   66.250000        12.800000
100YR72HRSTORM   66.500000        12.840000
100YR72HRSTORM   66.750000        12.890000
100YR72HRSTORM   67       12.930000
100YR72HRSTORM   67.250000        12.980000
100YR72HRSTORM   67.500000        13.020000
100YR72HRSTORM   67.750000        13.070000
100YR72HRSTORM   68       13.110000
100YR72HRSTORM   68.250000        13.140000
100YR72HRSTORM   68.500000        13.170000
100YR72HRSTORM   68.750000        13.200000
100YR72HRSTORM   69       13.230000
100YR72HRSTORM   69.250000        13.260000
100YR72HRSTORM   69.500000        13.290000
100YR72HRSTORM   69.750000        13.320000
100YR72HRSTORM   70       13.350000
100YR72HRSTORM   70.250000        13.380000
100YR72HRSTORM   70.500000        13.410000
100YR72HRSTORM   70.750000        13.440000
100YR72HRSTORM   71       13.470000
100YR72HRSTORM   71.250000        13.500000
100YR72HRSTORM   71.500000        13.530000
100YR72HRSTORM   71.750000        13.560000
100YR72HRSTORM   72       13.590000


[PATTERNS]

[REPORT]
INPUT NO
CONTINUITY YES
FLOWSTATS YES
CONTROLS NO
SUBCATCHMENTS  NONE
NODES  NONE
LINKS  NONE
```

APPENDIX D

Existing H&H Model Results Report

```
  ------------------------------------------------------------
    US-EPA Storm Water Management Model - Version 5.1 (Build 5.1.007)
  ------------------------------------------------------------

Warning 04: minimum elevation drop 0.001 used for Conduit CDT-101
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-103
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-105
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-107
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-109
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-111
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-113
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-115
Warning 03: negative offset -1.060 ignored for Link CDT-121
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-123
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-125
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-173
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-175
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-177
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-179
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-181
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-183
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-185
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-187
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-189
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-191
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-193
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-195
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-197
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-199
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-201
Warning 03: negative offset -3.560 ignored for Link CDT-205
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-207
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-209
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-211
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-213
Warning 03: negative offset -3.560 ignored for Link CDT-215
Warning 03: negative offset -4.060 ignored for Link CDT-217
Warning 03: negative offset -3.560 ignored for Link CDT-219
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-221
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-223
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-225
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-227
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-229
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-231
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-233
Warning 03: negative offset -3.560 ignored for Link CDT-235
Warning 03: negative offset -4.760 ignored for Link CDT-237
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-239
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-241
Warning 03: negative offset -4.760 ignored for Link CDT-243
Warning 03: negative offset -4.760 ignored for Link CDT-245
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-247
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-249
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-251
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-253
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-255
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-257
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-259
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-261
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-263
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-265
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-267
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-269
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-271
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-273
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-275
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-277
Warning 03: negative offset -3.560 ignored for Link CDT-279
Warning 03: negative offset -3.560 ignored for Link CDT-281
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-283
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-285
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-287
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-289
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-291
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-293
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-295
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-297
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-299
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-439
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-525
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-87
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-91
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-93
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-95
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-97
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-99
Warning 04: minimum elevation drop 0.001 used for Conduit J-963_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J561_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J575_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J920_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit U-1
Warning 04: minimum elevation drop 0.001 used for Conduit U-100
Warning 04: minimum elevation drop 0.001 used for Conduit U-101
Warning 04: minimum elevation drop 0.001 used for Conduit U-102
Warning 04: minimum elevation drop 0.001 used for Conduit U-103
Warning 04: minimum elevation drop 0.001 used for Conduit U-104
Warning 04: minimum elevation drop 0.001 used for Conduit U-105
Warning 04: minimum elevation drop 0.001 used for Conduit U-11
Warning 04: minimum elevation drop 0.001 used for Conduit U-110
Warning 04: minimum elevation drop 0.001 used for Conduit U-112
Warning 04: minimum elevation drop 0.001 used for Conduit U-113
Warning 04: minimum elevation drop 0.001 used for Conduit U-114
Warning 04: minimum elevation drop 0.001 used for Conduit U-118
Warning 04: minimum elevation drop 0.001 used for Conduit U-121
Warning 04: minimum elevation drop 0.001 used for Conduit U-122
Warning 04: minimum elevation drop 0.001 used for Conduit U-125
Warning 04: minimum elevation drop 0.001 used for Conduit U-129
Warning 04: minimum elevation drop 0.001 used for Conduit U-13
Warning 04: minimum elevation drop 0.001 used for Conduit U-131
Warning 04: minimum elevation drop 0.001 used for Conduit U-141
Warning 04: minimum elevation drop 0.001 used for Conduit U-142
Warning 04: minimum elevation drop 0.001 used for Conduit U-147
Warning 03: negative offset -0.500 ignored for Link U-15
Warning 04: minimum elevation drop 0.001 used for Conduit U-150
Warning 04: minimum elevation drop 0.001 used for Conduit U-153
Warning 04: minimum elevation drop 0.001 used for Conduit U-155
Warning 04: minimum elevation drop 0.001 used for Conduit U-156
Warning 04: minimum elevation drop 0.001 used for Conduit U-158
Warning 04: minimum elevation drop 0.001 used for Conduit U-16
Warning 04: minimum elevation drop 0.001 used for Conduit U-160
Warning 04: minimum elevation drop 0.001 used for Conduit U-161
Warning 04: minimum elevation drop 0.001 used for Conduit U-165
Warning 04: minimum elevation drop 0.001 used for Conduit U-167
Warning 04: minimum elevation drop 0.001 used for Conduit U-171
Warning 04: minimum elevation drop 0.001 used for Conduit U-172
Warning 04: minimum elevation drop 0.001 used for Conduit U-176
Warning 04: minimum elevation drop 0.001 used for Conduit U-177
Warning 04: minimum elevation drop 0.001 used for Conduit U-18
Warning 04: minimum elevation drop 0.001 used for Conduit U-181
Warning 04: minimum elevation drop 0.001 used for Conduit U-184
Warning 04: minimum elevation drop 0.001 used for Conduit U-186
Warning 04: minimum elevation drop 0.001 used for Conduit U-191
Warning 04: minimum elevation drop 0.001 used for Conduit U-193
Warning 04: minimum elevation drop 0.001 used for Conduit U-195
Warning 04: minimum elevation drop 0.001 used for Conduit U-196
Warning 04: minimum elevation drop 0.001 used for Conduit U-197
Warning 04: minimum elevation drop 0.001 used for Conduit U-199
Warning 04: minimum elevation drop 0.001 used for Conduit U-20
Warning 04: minimum elevation drop 0.001 used for Conduit U-200
Warning 04: minimum elevation drop 0.001 used for Conduit U-201
Warning 04: minimum elevation drop 0.001 used for Conduit U-202
Warning 04: minimum elevation drop 0.001 used for Conduit U-203
Warning 04: minimum elevation drop 0.001 used for Conduit U-204
Warning 04: minimum elevation drop 0.001 used for Conduit U-206
Warning 04: minimum elevation drop 0.001 used for Conduit U-207
Warning 04: minimum elevation drop 0.001 used for Conduit U-208
Warning 04: minimum elevation drop 0.001 used for Conduit U-211
Warning 04: minimum elevation drop 0.001 used for Conduit U-213
Warning 04: minimum elevation drop 0.001 used for Conduit U-22
Warning 04: minimum elevation drop 0.001 used for Conduit U-220
Warning 04: minimum elevation drop 0.001 used for Conduit U-221
Warning 04: minimum elevation drop 0.001 used for Conduit U-227
Warning 04: minimum elevation drop 0.001 used for Conduit U-228
Warning 04: minimum elevation drop 0.001 used for Conduit U-231
Warning 04: minimum elevation drop 0.001 used for Conduit U-233
Warning 04: minimum elevation drop 0.001 used for Conduit U-237
Warning 04: minimum elevation drop 0.001 used for Conduit U-239
Warning 04: minimum elevation drop 0.001 used for Conduit U-240
Warning 04: minimum elevation drop 0.001 used for Conduit U-242
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-244
Warning 04: minimum elevation drop 0.001 used for Conduit U-245
Warning 04: minimum elevation drop 0.001 used for Conduit U-249
Warning 04: minimum elevation drop 0.001 used for Conduit U-25
Warning 04: minimum elevation drop 0.001 used for Conduit U-251
Warning 04: minimum elevation drop 0.001 used for Conduit U-253
Warning 04: minimum elevation drop 0.001 used for Conduit U-254
Warning 04: minimum elevation drop 0.001 used for Conduit U-256
Warning 04: minimum elevation drop 0.001 used for Conduit U-259
Warning 04: minimum elevation drop 0.001 used for Conduit U-26
Warning 04: minimum elevation drop 0.001 used for Conduit U-260
Warning 04: minimum elevation drop 0.001 used for Conduit U-261
Warning 04: minimum elevation drop 0.001 used for Conduit U-262-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-267
Warning 04: minimum elevation drop 0.001 used for Conduit U-270
Warning 04: minimum elevation drop 0.001 used for Conduit U-271
Warning 04: minimum elevation drop 0.001 used for Conduit U-274
Warning 04: minimum elevation drop 0.001 used for Conduit U-277
Warning 04: minimum elevation drop 0.001 used for Conduit U-28
Warning 04: minimum elevation drop 0.001 used for Conduit U-280
Warning 04: minimum elevation drop 0.001 used for Conduit U-286
Warning 04: minimum elevation drop 0.001 used for Conduit U-289
Warning 04: minimum elevation drop 0.001 used for Conduit U-29
Warning 04: minimum elevation drop 0.001 used for Conduit U-290
Warning 04: minimum elevation drop 0.001 used for Conduit U-291
Warning 04: minimum elevation drop 0.001 used for Conduit U-293
Warning 04: minimum elevation drop 0.001 used for Conduit U-294
Warning 04: minimum elevation drop 0.001 used for Conduit U-295
Warning 04: minimum elevation drop 0.001 used for Conduit U-298
Warning 04: minimum elevation drop 0.001 used for Conduit U-299
Warning 04: minimum elevation drop 0.001 used for Conduit U-300
Warning 04: minimum elevation drop 0.001 used for Conduit U-304
Warning 04: minimum elevation drop 0.001 used for Conduit U-308
Warning 04: minimum elevation drop 0.001 used for Conduit U-308A
Warning 04: minimum elevation drop 0.001 used for Conduit U-309
Warning 04: minimum elevation drop 0.001 used for Conduit U-312
Warning 04: minimum elevation drop 0.001 used for Conduit U-315
Warning 04: minimum elevation drop 0.001 used for Conduit U-316
Warning 04: minimum elevation drop 0.001 used for Conduit U-319
Warning 04: minimum elevation drop 0.001 used for Conduit U-322
Warning 04: minimum elevation drop 0.001 used for Conduit U-325
Warning 04: minimum elevation drop 0.001 used for Conduit U-327
Warning 04: minimum elevation drop 0.001 used for Conduit U-328
Warning 03: negative offset -1.000 ignored for Link U-330
Warning 03: negative offset -1.000 ignored for Link U-332
Warning 04: minimum elevation drop 0.001 used for Conduit U-335
Warning 04: minimum elevation drop 0.001 used for Conduit U-34
Warning 04: minimum elevation drop 0.001 used for Conduit U-341
Warning 04: minimum elevation drop 0.001 used for Conduit U-344
Warning 04: minimum elevation drop 0.001 used for Conduit U-346
Warning 04: minimum elevation drop 0.001 used for Conduit U-347
Warning 04: minimum elevation drop 0.001 used for Conduit U-348
Warning 04: minimum elevation drop 0.001 used for Conduit U-35
Warning 04: minimum elevation drop 0.001 used for Conduit U-351
Warning 04: minimum elevation drop 0.001 used for Conduit U-352
Warning 04: minimum elevation drop 0.001 used for Conduit U-353
Warning 04: minimum elevation drop 0.001 used for Conduit U-354
Warning 04: minimum elevation drop 0.001 used for Conduit U-357
Warning 04: minimum elevation drop 0.001 used for Conduit U-358
Warning 04: minimum elevation drop 0.001 used for Conduit U-364
Warning 04: minimum elevation drop 0.001 used for Conduit U-364A
Warning 04: minimum elevation drop 0.001 used for Conduit U-366
Warning 04: minimum elevation drop 0.001 used for Conduit U-37
Warning 04: minimum elevation drop 0.001 used for Conduit U-372
Warning 04: minimum elevation drop 0.001 used for Conduit U-373
Warning 04: minimum elevation drop 0.001 used for Conduit U-379
Warning 04: minimum elevation drop 0.001 used for Conduit U-38
Warning 04: minimum elevation drop 0.001 used for Conduit U-382
Warning 04: minimum elevation drop 0.001 used for Conduit U-385
Warning 04: minimum elevation drop 0.001 used for Conduit U-386
Warning 04: minimum elevation drop 0.001 used for Conduit U-388
Warning 04: minimum elevation drop 0.001 used for Conduit U-390
Warning 03: negative offset -1.000 ignored for Link U-391
Warning 03: negative offset -0.500 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-394
Warning 04: minimum elevation drop 0.001 used for Conduit U-397
Warning 04: minimum elevation drop 0.001 used for Conduit U-398
Warning 04: minimum elevation drop 0.001 used for Conduit U-399
Warning 04: minimum elevation drop 0.001 used for Conduit U-402
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-404
Warning 04: minimum elevation drop 0.001 used for Conduit U-406
Warning 04: minimum elevation drop 0.001 used for Conduit U-407
Warning 03: negative offset -0.030 ignored for Link U-408
Warning 03: negative offset -0.030 ignored for Link U-409
Warning 04: minimum elevation drop 0.001 used for Conduit U-411
Warning 04: minimum elevation drop 0.001 used for Conduit U-413
Warning 04: minimum elevation drop 0.001 used for Conduit U-414
Warning 04: minimum elevation drop 0.001 used for Conduit U-415
Warning 04: minimum elevation drop 0.001 used for Conduit U-416
Warning 04: minimum elevation drop 0.001 used for Conduit U-417
Warning 04: minimum elevation drop 0.001 used for Conduit U-418
Warning 03: negative offset -1.060 ignored for Link U-419
Warning 04: minimum elevation drop 0.001 used for Conduit U-420
Warning 04: minimum elevation drop 0.001 used for Conduit U-421
Warning 04: minimum elevation drop 0.001 used for Conduit U-423
Warning 04: minimum elevation drop 0.001 used for Conduit U-428
Warning 04: minimum elevation drop 0.001 used for Conduit U-430
Warning 04: minimum elevation drop 0.001 used for Conduit U-434
Warning 04: minimum elevation drop 0.001 used for Conduit U-437
Warning 04: minimum elevation drop 0.001 used for Conduit U-439
Warning 04: minimum elevation drop 0.001 used for Conduit U-48
Warning 04: minimum elevation drop 0.001 used for Conduit U-481
Warning 04: minimum elevation drop 0.001 used for Conduit U-483
Warning 04: minimum elevation drop 0.001 used for Conduit U-496
Warning 04: minimum elevation drop 0.001 used for Conduit U-497
Warning 04: minimum elevation drop 0.001 used for Conduit U-498
Warning 04: minimum elevation drop 0.001 used for Conduit U-50
Warning 04: minimum elevation drop 0.001 used for Conduit U-501
Warning 04: minimum elevation drop 0.001 used for Conduit U-513
Warning 04: minimum elevation drop 0.001 used for Conduit U-518-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-523
Warning 03: negative offset -3.560 ignored for Link U-524-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-525
Warning 04: minimum elevation drop 0.001 used for Conduit U-526
Warning 04: minimum elevation drop 0.001 used for Conduit U-527
Warning 04: minimum elevation drop 0.001 used for Conduit U-53
Warning 04: minimum elevation drop 0.001 used for Conduit U-531
Warning 04: minimum elevation drop 0.001 used for Conduit U-534-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-54
Warning 04: minimum elevation drop 0.001 used for Conduit U-545
Warning 04: minimum elevation drop 0.001 used for Conduit U-547
Warning 04: minimum elevation drop 0.001 used for Conduit U-55
Warning 04: minimum elevation drop 0.001 used for Conduit U-557
Warning 04: minimum elevation drop 0.001 used for Conduit U-559
Warning 04: minimum elevation drop 0.001 used for Conduit U-56
Warning 04: minimum elevation drop 0.001 used for Conduit U-562
Warning 04: minimum elevation drop 0.001 used for Conduit U-565
Warning 04: minimum elevation drop 0.001 used for Conduit U-568
Warning 04: minimum elevation drop 0.001 used for Conduit U-569
Warning 04: minimum elevation drop 0.001 used for Conduit U-572
Warning 04: minimum elevation drop 0.001 used for Conduit U-580
Warning 04: minimum elevation drop 0.001 used for Conduit U-583
Warning 04: minimum elevation drop 0.001 used for Conduit U-584
Warning 04: minimum elevation drop 0.001 used for Conduit U-587
Warning 04: minimum elevation drop 0.001 used for Conduit U-589
Warning 04: minimum elevation drop 0.001 used for Conduit U-590
Warning 04: minimum elevation drop 0.001 used for Conduit U-591
Warning 04: minimum elevation drop 0.001 used for Conduit U-596
Warning 04: minimum elevation drop 0.001 used for Conduit U-599
Warning 04: minimum elevation drop 0.001 used for Conduit U-60
Warning 04: minimum elevation drop 0.001 used for Conduit U-601
Warning 04: minimum elevation drop 0.001 used for Conduit U-604
Warning 04: minimum elevation drop 0.001 used for Conduit U-608
Warning 04: minimum elevation drop 0.001 used for Conduit U-609
Warning 04: minimum elevation drop 0.001 used for Conduit U-612
Warning 03: negative offset -1.000 ignored for Link U-614
Warning 04: minimum elevation drop 0.001 used for Conduit U-616
Warning 04: minimum elevation drop 0.001 used for Conduit U-618
Warning 04: minimum elevation drop 0.001 used for Conduit U-62
Warning 04: minimum elevation drop 0.001 used for Conduit U-621
Warning 04: minimum elevation drop 0.001 used for Conduit U-623
Warning 04: minimum elevation drop 0.001 used for Conduit U-624
Warning 04: minimum elevation drop 0.001 used for Conduit U-625
Warning 04: minimum elevation drop 0.001 used for Conduit U-628
Warning 04: minimum elevation drop 0.001 used for Conduit U-629
Warning 04: minimum elevation drop 0.001 used for Conduit U-632
Warning 03: negative offset -1.000 ignored for Link U-633
Warning 03: negative offset -1.000 ignored for Link U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-633
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-637
Warning 04: minimum elevation drop 0.001 used for Conduit U-64
Warning 04: minimum elevation drop 0.001 used for Conduit U-640
Warning 04: minimum elevation drop 0.001 used for Conduit U-643
Warning 04: minimum elevation drop 0.001 used for Conduit U-646
Warning 04: minimum elevation drop 0.001 used for Conduit U-648
Warning 04: minimum elevation drop 0.001 used for Conduit U-649
Warning 04: minimum elevation drop 0.001 used for Conduit U-651
Warning 04: minimum elevation drop 0.001 used for Conduit U-652
Warning 04: minimum elevation drop 0.001 used for Conduit U-653
Warning 04: minimum elevation drop 0.001 used for Conduit U-656
Warning 04: minimum elevation drop 0.001 used for Conduit U-657
Warning 04: minimum elevation drop 0.001 used for Conduit U-659-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-66
Warning 04: minimum elevation drop 0.001 used for Conduit U-663
Warning 04: minimum elevation drop 0.001 used for Conduit U-668
Warning 04: minimum elevation drop 0.001 used for Conduit U-671
Warning 04: minimum elevation drop 0.001 used for Conduit U-674
Warning 04: minimum elevation drop 0.001 used for Conduit U-675
Warning 04: minimum elevation drop 0.001 used for Conduit U-678
Warning 04: minimum elevation drop 0.001 used for Conduit U-68
Warning 04: minimum elevation drop 0.001 used for Conduit U-681
Warning 04: minimum elevation drop 0.001 used for Conduit U-682
Warning 04: minimum elevation drop 0.001 used for Conduit U-685
Warning 04: minimum elevation drop 0.001 used for Conduit U-686
Warning 04: minimum elevation drop 0.001 used for Conduit U-687
Warning 04: minimum elevation drop 0.001 used for Conduit U-688
Warning 04: minimum elevation drop 0.001 used for Conduit U-690
Warning 04: minimum elevation drop 0.001 used for Conduit U-694
Warning 04: minimum elevation drop 0.001 used for Conduit U-695
Warning 04: minimum elevation drop 0.001 used for Conduit U-696
Warning 04: minimum elevation drop 0.001 used for Conduit U-70
Warning 04: minimum elevation drop 0.001 used for Conduit U-704
Warning 04: minimum elevation drop 0.001 used for Conduit U-707
Warning 04: minimum elevation drop 0.001 used for Conduit U-708
Warning 04: minimum elevation drop 0.001 used for Conduit U-71
Warning 04: minimum elevation drop 0.001 used for Conduit U-710
Warning 04: minimum elevation drop 0.001 used for Conduit U-711
Warning 04: minimum elevation drop 0.001 used for Conduit U-717
Warning 04: minimum elevation drop 0.001 used for Conduit U-718
Warning 04: minimum elevation drop 0.001 used for Conduit U-719
Warning 04: minimum elevation drop 0.001 used for Conduit U-720
Warning 04: minimum elevation drop 0.001 used for Conduit U-721-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-725
Warning 04: minimum elevation drop 0.001 used for Conduit U-727
Warning 04: minimum elevation drop 0.001 used for Conduit U-729
Warning 04: minimum elevation drop 0.001 used for Conduit U-73
Warning 04: minimum elevation drop 0.001 used for Conduit U-731
Warning 04: minimum elevation drop 0.001 used for Conduit U-732
Warning 04: minimum elevation drop 0.001 used for Conduit U-734
Warning 04: minimum elevation drop 0.001 used for Conduit U-736
Warning 04: minimum elevation drop 0.001 used for Conduit U-738
Warning 04: minimum elevation drop 0.001 used for Conduit U-74
Warning 04: minimum elevation drop 0.001 used for Conduit U-740
Warning 04: minimum elevation drop 0.001 used for Conduit U-741
Warning 04: minimum elevation drop 0.001 used for Conduit U-743
Warning 04: minimum elevation drop 0.001 used for Conduit U-745
Warning 04: minimum elevation drop 0.001 used for Conduit U-747
Warning 04: minimum elevation drop 0.001 used for Conduit U-749
Warning 04: minimum elevation drop 0.001 used for Conduit U-75
Warning 04: minimum elevation drop 0.001 used for Conduit U-751
Warning 04: minimum elevation drop 0.001 used for Conduit U-753
Warning 04: minimum elevation drop 0.001 used for Conduit U-755
Warning 04: minimum elevation drop 0.001 used for Conduit U-763
Warning 04: minimum elevation drop 0.001 used for Conduit U-766
Warning 04: minimum elevation drop 0.001 used for Conduit U-769
Warning 04: minimum elevation drop 0.001 used for Conduit U-77
Warning 04: minimum elevation drop 0.001 used for Conduit U-772
Warning 04: minimum elevation drop 0.001 used for Conduit U-775
Warning 04: minimum elevation drop 0.001 used for Conduit U-778
Warning 04: minimum elevation drop 0.001 used for Conduit U-783
Warning 04: minimum elevation drop 0.001 used for Conduit U-786
Warning 04: minimum elevation drop 0.001 used for Conduit U-789
Warning 04: minimum elevation drop 0.001 used for Conduit U-792
Warning 04: minimum elevation drop 0.001 used for Conduit U-795
Warning 04: minimum elevation drop 0.001 used for Conduit U-796
Warning 04: minimum elevation drop 0.001 used for Conduit U-801
Warning 04: minimum elevation drop 0.001 used for Conduit U-804
Warning 04: minimum elevation drop 0.001 used for Conduit U-807
Warning 04: minimum elevation drop 0.001 used for Conduit U-81
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Warning 04: minimum elevation drop 0.001 used for Conduit U-810
Warning 04: minimum elevation drop 0.001 used for Conduit U-811
Warning 04: minimum elevation drop 0.001 used for Conduit U-815
Warning 04: minimum elevation drop 0.001 used for Conduit U-816
Warning 04: minimum elevation drop 0.001 used for Conduit U-82
Warning 04: minimum elevation drop 0.001 used for Conduit U-820
Warning 04: minimum elevation drop 0.001 used for Conduit U-823
Warning 04: minimum elevation drop 0.001 used for Conduit U-826
Warning 04: minimum elevation drop 0.001 used for Conduit U-829
Warning 04: minimum elevation drop 0.001 used for Conduit U-83
Warning 04: minimum elevation drop 0.001 used for Conduit U-832
Warning 04: minimum elevation drop 0.001 used for Conduit U-833
Warning 04: minimum elevation drop 0.001 used for Conduit U-834-EAC
Warning 03: negative offset -0.388 ignored for Link U-835
Warning 03: negative offset -1.200 ignored for Link U-835
Warning 04: minimum elevation drop 0.001 used for Conduit U-838
Warning 04: minimum elevation drop 0.001 used for Conduit U-839
Warning 04: minimum elevation drop 0.001 used for Conduit U-840
Warning 04: minimum elevation drop 0.001 used for Conduit U-841
Warning 04: minimum elevation drop 0.001 used for Conduit U-842
Warning 04: minimum elevation drop 0.001 used for Conduit U-848
Warning 04: minimum elevation drop 0.001 used for Conduit U-851
Warning 04: minimum elevation drop 0.001 used for Conduit U-852
Warning 04: minimum elevation drop 0.001 used for Conduit U-854
Warning 04: minimum elevation drop 0.001 used for Conduit U-856
Warning 04: minimum elevation drop 0.001 used for Conduit U-858
Warning 04: minimum elevation drop 0.001 used for Conduit U-860
Warning 04: minimum elevation drop 0.001 used for Conduit U-863
Warning 03: negative offset -0.298 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-865
Warning 04: minimum elevation drop 0.001 used for Conduit U-866
Warning 03: negative offset -0.060 ignored for Link U-869
Warning 04: minimum elevation drop 0.001 used for Conduit U-872
Warning 04: minimum elevation drop 0.001 used for Conduit U-874-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-878
Warning 04: minimum elevation drop 0.001 used for Conduit U-879
Warning 04: minimum elevation drop 0.001 used for Conduit U-88
Warning 04: minimum elevation drop 0.001 used for Conduit U-885
Warning 04: minimum elevation drop 0.001 used for Conduit U-90
Warning 04: minimum elevation drop 0.001 used for Conduit U-91
Warning 04: minimum elevation drop 0.001 used for Conduit U-92
Warning 04: minimum elevation drop 0.001 used for Conduit U-96
Warning 04: minimum elevation drop 0.001 used for Conduit U-97
Warning 04: minimum elevation drop 0.001 used for Conduit U-98
Warning 04: minimum elevation drop 0.001 used for Conduit U-99
  WARNING 10: crest elevation is below downstream invert for regulator Link WEIR-63
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-19
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-21
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-23
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-25
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-27
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-29
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-31
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-33
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-37
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-39
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-41
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-43
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-45
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-49
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-51
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-53
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-55
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-57
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-59
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-61
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-63
  WARNING 10: crest elevation is below downstream invert for regulator Link J33A_OUTFALL
  WARNING 10: crest elevation is below downstream invert for regulator Link U-331
  WARNING 10: crest elevation is below downstream invert for regulator Link W-ENID-DRIVE
  WARNING 10: crest elevation is below downstream invert for regulator Link WELL-W-MCINTYRE
Warning 02: maximum depth 6.600 increased for Node J-109
Warning 02: maximum depth 6.210 increased for Node J-126
Warning 02: maximum depth 6.040 increased for Node J-127
Warning 02: maximum depth 6.080 increased for Node J-128
Warning 02: maximum depth 10.360 increased for Node J-15A
Warning 02: maximum depth 6.110 increased for Node J-259
Warning 02: maximum depth 8.950 increased for Node J-268
Warning 02: maximum depth 6.260 increased for Node J-278
```

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Warning 02: maximum depth 8.950 increased for Node J-284
Warning 02: maximum depth 10.460 increased for Node J-328A
Warning 02: maximum depth 11.060 increased for Node J-432B
Warning 02: maximum depth 8.950 increased for Node J-444-WEIR
Warning 02: maximum depth 10.760 increased for Node J-54B
Warning 02: maximum depth 6.090 increased for Node J-570
Warning 02: maximum depth 7.560 increased for Node J-611
Warning 02: maximum depth 7.950 increased for Node J-692-WEIR
Warning 02: maximum depth 9.560 increased for Node J-757
Warning 02: maximum depth 9.500 increased for Node J-902

  ************************************************************
    NOTE: The summary statistics displayed in this report are
    based on results found at every computational time step,
    not just on results from each reporting time step.
  ************************************************************

  ********************
    Analysis Options
  ********************
  Flow Units ............... CFS
  Process Models:
    Rainfall/Runoff ........ YES
    RDII ................... NO
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Ponding Allowed ........ YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ JAN-01-2002 00:00:00
  Ending Date .............. JAN-04-2002 06:00:00
  Antecedent Dry Days ...... 5.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 00:05:00
  Routing Time Step ........ 4.00 sec
  Variable Time Step ....... YES
  Maximum Trials ........... 5
  Head Tolerance ........... 1.000000 ft


  *************************        Volume         Depth
  Runoff Quantity Continuity     acre-feet        inches
  *************************     ---------       -------
  Total Precipitation ......       280.154         8.150
  Evaporation Loss .........         0.000         0.000
  Infiltration Loss ........        46.381         1.349
  Surface Runoff ...........       183.818         5.347
  Final Surface Storage ....        50.082         1.457
  Continuity Error (%) .....        -0.046


  *************************        Volume        Volume
  Flow Routing Continuity        acre-feet      10^6 gal
  *************************     ---------     ---------
  Dry Weather Inflow .......         0.000         0.000
  Wet Weather Inflow .......       183.494        59.794
  Groundwater Inflow .......         0.000         0.000
  RDII Inflow ..............         0.000         0.000
  External Inflow ..........         0.000         0.000
  External Outflow .........       181.022        58.989
  Internal Outflow .........         0.000         0.000
  Evaporation Loss .........         0.000         0.000
  Exfiltration Loss ........         0.000         0.000
  Initial Stored Volume ....         0.033         0.011
  Final Stored Volume ......         4.239         1.381
  Continuity Error (%) .....        -0.945


  *****************************
    Highest Continuity Errors
  *****************************
  Node JCT-26-WEIR                          -98.16%    -1.5219
  Node J-748-WEIR-STANTEC                   -88.02%    -2.7264
  Node J-566-WEIR                           -85.02%    -0.5311
  Node JCT-26                               -31.42%    -0.7804
  Node J-82                                  27.86%     0.2657
  Node J-792                                -26.21%    -0.1746
```

```
Node J-104                                24.25%     0.5529
Node J-174                                23.10%     0.1646
Node J-256                               -21.77%    -0.2793
Node J-632                                19.79%     0.1519
Node J-618                                19.63%     0.1725
Node J-748                                19.15%     1.2173
Node J-588                                19.00%     0.2233
Node J-393                                18.73%     0.2303
Node J-697                                18.56%     0.2060
Node J-333                                17.85%     0.1699
Node J-601                                16.47%     0.2039
Node J-87                                 16.13%     0.2112
Node J-335                                15.98%     0.1531
Node J-242                                15.93%     0.0985
                                                  -1.9926 Mgal


*******************************
  Time-Step Critical Elements
*******************************
Link U-262-NEW (8.47%)
Link U-346 (5.42%)
Link U-300 (4.63%)
Link U-295 (4.07%)
Link U-837 (3.49%)
Link U-155 (2.98%)
Link U-496 (2.88%)
Link U-193 (2.78%)
Link U-390 (2.50%)
Link U-293 (2.36%)
Link U-199 (2.31%)
Link U-298 (2.07%)
Link U-599 (1.85%)
Link U-105 (1.85%)
Link U-587 (1.65%)
Link U-197 (1.58%)
Link U-64 (1.58%)
Link U-572 (1.56%)
Link U-624 (1.55%)
Link U-353 (1.49%)


***********************************
  Highest Flow Instability Indexes
***********************************
Link U-869 (138)
Link U-550 (83)
Link U-572 (81)
Link U-725 (81)
Link U-864 (79)
Link CDT-299 (79)
Link U-652 (78)
Link U-651 (76)
Link U-710 (75)
Link U-502 (75)
Link U-129 (74)
Link CDT-187 (73)
Link CDT-189 (73)
Link U-548 (72)
Link U-112 (71)
Link U-98 (71)
Link U-11 (71)
Link U-688 (68)
Link U-413 (68)
Link WEIR-J-754-STANTECT (68)

*****************************
  Routing Time Step Summary
*****************************
Minimum Time Step           :     0.10 sec
Average Time Step           :     0.88 sec
Maximum Time Step           :     4.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     4.87
Percent Not Converging      :    92.03
Total Steps                 :   318302
Total Iterations            :  1550714


*******************************
```

Subcatchment Runoff Summary
****

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
SUB-11856	8.15	0.00	0.00	1.30	5.81	0.29	3.28	0.713
SUB-11868	8.15	0.00	0.00	0.83	5.40	0.36	3.18	0.663
SUB-11924	8.15	0.00	0.00	1.48	5.63	0.43	4.75	0.691
SUB-11926	8.15	0.00	0.00	1.48	4.94	0.92	7.76	0.606
SUB-11930	8.15	0.00	0.00	1.48	5.67	0.31	3.43	0.695
SUB-11932	8.15	0.00	0.00	1.90	5.85	0.24	2.82	0.717
SUB-11936	8.15	0.00	0.00	1.07	5.12	0.20	1.95	0.628
SUB-11944	8.15	0.00	0.00	1.48	5.72	0.56	6.28	0.701
SUB-11948	8.15	0.00	0.00	1.48	5.54	0.50	5.28	0.680
SUB-11950	8.15	0.00	0.00	1.18	5.51	0.22	2.29	0.676
SUB-11954	8.15	0.00	0.00	1.48	5.99	0.25	3.01	0.735
SUB-11958	8.15	0.00	0.00	1.48	5.35	0.54	5.36	0.656
SUB-11968	8.15	0.00	0.00	1.92	5.87	0.36	4.42	0.721
SUB-11970	8.15	0.00	0.00	1.31	5.53	0.29	3.05	0.679
SUB-11972	8.15	0.00	0.00	1.48	5.70	0.45	4.97	0.699
SUB-11978	8.15	0.00	0.00	1.48	5.80	0.42	4.90	0.712
SUB-11984	8.15	0.00	0.00	1.48	5.53	0.35	3.65	0.678
SUB-11986	8.15	0.00	0.00	1.42	5.39	0.34	3.51	0.662
SUB-11988	8.15	0.00	0.00	1.45	5.49	0.66	6.87	0.673
SUB-11990	8.15	0.00	0.00	1.48	5.88	0.31	3.62	0.721
SUB-11994	8.15	0.00	0.00	1.48	6.00	0.29	3.58	0.736
SUB-11998	8.15	0.00	0.00	1.48	5.33	0.61	6.03	0.654
SUB-12004	8.15	0.00	0.00	1.48	5.94	0.27	3.23	0.729
SUB-12010	8.15	0.00	0.00	1.48	5.94	0.24	2.85	0.729
SUB-12014	8.15	0.00	0.00	0.83	5.47	0.15	1.31	0.671
SUB-12016	8.15	0.00	0.00	1.48	5.76	0.43	4.88	0.707
SUB-12024	8.15	0.00	0.00	1.46	5.56	0.32	3.39	0.683
SUB-12036	8.15	0.00	0.00	1.45	5.66	0.35	3.85	0.695
SUB-12044	8.15	0.00	0.00	0.83	5.46	0.34	2.98	0.670
SUB-12046	8.15	0.00	0.00	1.48	5.65	0.33	3.66	0.693
SUB-12048	8.15	0.00	0.00	1.35	6.08	0.21	2.47	0.745
SUB-12052	8.15	0.00	0.00	1.48	5.90	0.50	5.95	0.724
SUB-12060	8.15	0.00	0.00	1.48	5.55	0.31	3.31	0.681
SUB-12062	8.15	0.00	0.00	1.48	5.40	0.21	2.07	0.662
SUB-12068	8.15	0.00	0.00	1.47	5.83	0.21	2.47	0.715
SUB-12072	8.15	0.00	0.00	1.48	5.21	0.91	8.53	0.639
SUB-12084	8.15	0.00	0.00	1.48	5.58	0.61	6.51	0.685
SUB-12086	8.15	0.00	0.00	1.48	5.67	0.67	7.35	0.695
SUB-12088	8.15	0.00	0.00	1.48	5.58	0.53	5.69	0.685
SUB-12100	8.15	0.00	0.00	1.48	5.21	0.49	4.64	0.640
SUB-12110	8.15	0.00	0.00	1.48	5.56	0.22	2.39	0.683
SUB-12112	8.15	0.00	0.00	1.48	5.33	0.38	3.74	0.654
SUB-12116	8.15	0.00	0.00	1.48	5.37	0.35	3.46	0.659
SUB-12122	8.15	0.00	0.00	1.48	6.19	0.03	0.43	0.759
SUB-12128	8.15	0.00	0.00	1.48	5.49	0.27	2.77	0.674
SUB-12132	8.15	0.00	0.00	1.48	5.27	0.44	4.21	0.647
SUB-12136	8.15	0.00	0.00	1.48	5.36	0.36	3.58	0.657
SUB-12138	8.15	0.00	0.00	1.48	5.45	0.29	2.99	0.669
SUB-12142	8.15	0.00	0.00	1.48	5.05	0.70	6.19	0.620
SUB-12144	8.15	0.00	0.00	1.48	4.98	0.80	6.92	0.611
SUB-12150	8.15	0.00	0.00	1.48	5.73	0.34	3.82	0.703
SUB-12152	8.15	0.00	0.00	1.48	5.47	0.52	5.38	0.671
SUB-12154	8.15	0.00	0.00	1.48	5.34	0.86	8.44	0.655
SUB-12158	8.15	0.00	0.00	1.48	5.74	0.29	3.26	0.704
SUB-12160	8.15	0.00	0.00	1.48	5.82	0.59	6.85	0.714
SUB-12162	8.15	0.00	0.00	1.48	5.78	0.44	5.01	0.709
SUB-12164	8.15	0.00	0.00	1.48	5.70	0.34	3.83	0.699
SUB-12166	8.15	0.00	0.00	1.48	5.49	0.22	2.31	0.674
SUB-12168	8.15	0.00	0.00	1.48	5.62	0.32	3.48	0.690
SUB-12170	8.15	0.00	0.00	1.48	6.32	0.10	1.38	0.775
SUB-12172	8.15	0.00	0.00	1.48	6.06	0.19	2.32	0.743
SUB-12174	8.15	0.00	0.00	1.48	5.75	0.41	4.65	0.706
SUB-12176	8.15	0.00	0.00	1.48	5.78	0.27	3.08	0.709
SUB-12180	8.15	0.00	0.00	1.48	5.69	0.37	4.17	0.698
SUB-12182	8.15	0.00	0.00	1.48	5.66	0.17	1.93	0.695
SUB-12184	8.15	0.00	0.00	1.48	5.91	0.09	1.06	0.725
SUB-12186	8.15	0.00	0.00	1.48	5.52	0.25	2.63	0.677
SUB-12188	8.15	0.00	0.00	1.48	5.30	0.41	3.96	0.651
SUB-12190	8.15	0.00	0.00	1.48	5.43	0.30	3.11	0.667
SUB-12192	8.15	0.00	0.00	1.48	5.31	0.40	3.89	0.652
SUB-12194	8.15	0.00	0.00	1.48	5.80	0.22	2.56	0.711
SUB-12196	8.15	0.00	0.00	1.48	5.44	0.25	2.51	0.668

SUB-12198	8.15	0.00	0.00	1.48	5.65	0.28	3.04	0.693
SUB-12200	8.15	0.00	0.00	1.48	5.52	0.25	2.61	0.677
SUB-12202	8.15	0.00	0.00	1.48	5.30	0.41	3.98	0.650
SUB-12204	8.15	0.00	0.00	1.48	5.59	0.21	2.27	0.686
SUB-12206	8.15	0.00	0.00	1.47	5.28	0.41	4.00	0.647
SUB-12208	8.15	0.00	0.00	1.43	5.60	0.18	1.97	0.687
SUB-12210	8.15	0.00	0.00	1.48	5.44	0.30	3.04	0.668
SUB-12212	8.15	0.00	0.00	1.38	5.46	0.23	2.36	0.670
SUB-12214	8.15	0.00	0.00	1.44	5.26	0.40	3.88	0.646
SUB-12216	8.15	0.00	0.00	1.20	5.40	0.17	1.71	0.662
SUB-12218	8.15	0.00	0.00	1.22	5.57	0.13	1.33	0.684
SUB-12222	8.15	0.00	0.00	1.48	5.53	0.24	2.57	0.678
SUB-12224	8.15	0.00	0.00	1.48	5.66	0.18	1.95	0.694
SUB-12226	8.15	0.00	0.00	1.48	5.86	0.27	3.21	0.719
SUB-12228	8.15	0.00	0.00	1.48	5.80	0.29	3.31	0.712
SUB-12230	8.15	0.00	0.00	1.48	5.86	0.10	1.23	0.718
SUB-12232	8.15	0.00	0.00	1.48	5.85	0.11	1.24	0.718
SUB-12234	8.15	0.00	0.00	1.48	5.65	0.18	1.97	0.694
SUB-12238	8.15	0.00	0.00	1.48	5.95	0.25	3.01	0.730
SUB-12240	8.15	0.00	0.00	1.48	6.20	0.19	2.46	0.760
SUB-12242	8.15	0.00	0.00	1.48	5.39	0.33	3.35	0.662
SUB-12244	8.15	0.00	0.00	1.48	5.53	0.24	2.54	0.679
SUB-12246	8.15	0.00	0.00	1.48	5.66	0.18	1.95	0.694
SUB-12248	8.15	0.00	0.00	1.48	5.65	0.18	2.00	0.693
SUB-12250	8.15	0.00	0.00	1.48	5.45	0.29	2.98	0.669
SUB-12252	8.15	0.00	0.00	1.48	5.17	0.85	7.84	0.635
SUB-12256	8.15	0.00	0.00	1.48	5.72	0.31	3.51	0.702
SUB-12258	8.15	0.00	0.00	1.48	5.81	0.34	4.00	0.713
SUB-12260	8.15	0.00	0.00	1.48	5.66	0.33	3.62	0.694
SUB-12262	8.15	0.00	0.00	1.48	5.86	0.23	2.72	0.719
SUB-12264	8.15	0.00	0.00	1.48	5.89	0.29	3.50	0.723
SUB-12266	8.15	0.00	0.00	1.48	5.46	0.29	2.94	0.670
SUB-12268	8.15	0.00	0.00	1.48	5.56	0.45	4.77	0.682
SUB-12272	8.15	0.00	0.00	1.48	5.75	0.45	5.13	0.706
SUB-12274	8.15	0.00	0.00	1.48	5.41	0.30	3.01	0.664
SUB-12276	8.15	0.00	0.00	1.48	5.30	0.51	4.99	0.651
SUB-12278	8.15	0.00	0.00	1.48	5.32	0.41	3.99	0.652
SUB-12280	8.15	0.00	0.00	1.48	5.19	0.54	5.02	0.637
SUB-12284	8.15	0.00	0.00	1.28	5.30	0.32	3.24	0.650
SUB-12286	8.15	0.00	0.00	1.65	5.35	0.31	2.87	0.656
SUB-12288	8.15	0.00	0.00	2.02	5.78	0.63	6.77	0.710
SUB-12290	8.15	0.00	0.00	1.48	5.57	0.30	3.23	0.683
SUB-12292	8.15	0.00	0.00	1.48	5.57	0.36	3.86	0.683
SUB-12294	8.15	0.00	0.00	1.48	5.38	0.41	4.11	0.660
SUB-12296	8.15	0.00	0.00	1.48	5.68	0.26	2.85	0.697
SUB-12300	8.15	0.00	0.00	1.48	5.35	0.50	4.97	0.657
SUB-12302	8.15	0.00	0.00	1.48	5.13	0.53	4.82	0.630
SUB-12304	8.15	0.00	0.00	1.39	5.44	0.23	2.41	0.667
SUB-12306	8.15	0.00	0.00	1.48	5.50	0.49	5.11	0.674
SUB-12308	8.15	0.00	0.00	1.48	5.45	0.77	7.94	0.669
SUB-12310	8.15	0.00	0.00	1.06	4.86	0.63	5.95	0.597
SUB-12312	8.15	0.00	0.00	1.48	6.19	0.09	1.24	0.760
SUB-12314	8.15	0.00	0.00	1.17	5.07	0.48	4.65	0.622
SUB-12316	8.15	0.00	0.00	1.09	5.23	0.40	3.98	0.641
SUB-12318	8.15	0.00	0.00	1.48	5.59	0.52	5.63	0.686
SUB-12320	8.15	0.00	0.00	1.48	5.66	0.32	3.55	0.694
SUB-12322	8.15	0.00	0.00	1.48	5.28	0.43	4.11	0.648
SUB-12324	8.15	0.00	0.00	1.48	5.60	0.45	4.84	0.688
SUB-12326	8.15	0.00	0.00	1.48	6.12	0.12	1.48	0.751
SUB-12328	8.15	0.00	0.00	1.48	5.60	0.20	2.21	0.687
SUB-12330	8.15	0.00	0.00	1.48	5.79	0.13	1.44	0.711
SUB-12332	8.15	0.00	0.00	1.48	6.03	0.13	1.62	0.740
SUB-12334	8.15	0.00	0.00	1.48	5.57	0.22	2.38	0.683
SUB-12336	8.15	0.00	0.00	1.48	5.85	0.11	1.26	0.717
SUB-12340	8.15	0.00	0.00	1.41	5.32	0.32	3.21	0.653
SUB-12344	8.15	0.00	0.00	1.48	5.50	0.26	2.74	0.674
SUB-12346	8.15	0.00	0.00	1.48	5.48	0.27	2.83	0.672
SUB-12348	8.15	0.00	0.00	1.44	5.32	0.35	3.46	0.653
SUB-12350	8.15	0.00	0.00	1.44	5.33	0.34	3.38	0.654
SUB-12352	8.15	0.00	0.00	1.48	5.31	0.40	3.90	0.652
SUB-12354	8.15	0.00	0.00	1.48	5.24	0.46	4.39	0.644
SUB-12356	8.15	0.00	0.00	1.43	5.43	0.27	2.80	0.666
SUB-12358	8.15	0.00	0.00	1.48	5.58	0.21	2.29	0.685
SUB-12362	8.15	0.00	0.00	1.48	6.07	0.05	0.66	0.745
SUB-12364	8.15	0.00	0.00	1.23	5.92	0.06	0.70	0.726
SUB-12366	8.15	0.00	0.00	1.36	5.93	0.07	0.84	0.728
SUB-12368	8.15	0.00	0.00	0.28	3.58	0.14	0.72	0.439
SUB-12372	8.15	0.00	0.00	0.76	4.09	0.15	1.29	0.502
SUB-12374	8.15	0.00	0.00	0.83	4.73	0.40	3.52	0.581
SUB-12376	8.15	0.00	0.00	0.83	6.18	0.26	2.32	0.758

SUB-12380	8.15	0.00	0.00	0.83	5.47	0.57	5.04	0.671
SUB-12382	8.15	0.00	0.00	0.27	4.61	0.17	0.79	0.565
SUB-12386	8.15	0.00	0.00	0.30	3.96	0.15	0.78	0.486
SUB-12388	8.15	0.00	0.00	0.30	3.61	0.20	1.10	0.443
SUB-12394	8.15	0.00	0.00	0.83	4.85	0.17	1.52	0.595
SUB-12396	8.15	0.00	0.00	0.83	4.16	0.40	3.48	0.510
SUB-12398	8.15	0.00	0.00	0.83	4.94	0.15	1.36	0.606
SUB-12400	8.15	0.00	0.00	0.83	5.19	0.11	0.99	0.637
SUB-12402	8.15	0.00	0.00	0.83	4.28	0.34	3.01	0.525
SUB-12404	8.15	0.00	0.00	0.83	4.55	0.25	2.19	0.558
SUB-12408	8.15	0.00	0.00	0.83	3.80	0.63	5.35	0.467
SUB-12410	8.15	0.00	0.00	0.83	4.70	0.21	1.82	0.577
SUB-12414	8.15	0.00	0.00	0.83	4.34	0.32	2.79	0.533
SUB-12418	8.15	0.00	0.00	0.83	4.13	0.42	3.61	0.506
SUB-12420	8.15	0.00	0.00	0.83	4.76	0.19	1.69	0.584
SUB-12422	8.15	0.00	0.00	0.83	4.67	0.21	1.88	0.573
SUB-12424	8.15	0.00	0.00	0.34	3.78	0.18	1.06	0.464
SUB-12428	8.15	0.00	0.00	0.35	4.27	0.12	0.69	0.524
SUB-12430	8.15	0.00	0.00	0.77	4.11	0.36	3.04	0.505
SUB-12432	8.15	0.00	0.00	1.48	5.76	0.14	1.57	0.706
SUB-12434	8.15	0.00	0.00	0.81	4.48	0.26	2.23	0.549
SUB-12438	8.15	0.00	0.00	1.48	5.45	0.60	6.17	0.669
SUB-12442	8.15	0.00	0.00	1.48	6.26	0.08	1.01	0.769
SUB-12444	8.15	0.00	0.00	0.29	4.29	0.14	0.69	0.527
SUB-12446	8.15	0.00	0.00	0.37	4.04	0.16	0.93	0.495
SUB-12448	8.15	0.00	0.00	1.48	5.89	0.31	3.65	0.723
SUB-12450	8.15	0.00	0.00	1.48	5.66	0.18	1.96	0.694
SUB-12452	8.15	0.00	0.00	1.48	5.58	0.22	2.32	0.685
SUB-12454	8.15	0.00	0.00	1.37	5.45	0.22	2.32	0.668
SUB-12456	8.15	0.00	0.00	1.38	5.61	0.16	1.74	0.689
SUB-12458	8.15	0.00	0.00	1.21	5.38	0.18	1.83	0.660
SUB-12460	8.15	0.00	0.00	0.00	6.28	0.28	2.68	0.770

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Node Depth Summary
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Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum Run HGL Feet	Time of Max Occurrence days hr:min	Maximum Output HGL Feet	Time of Max Occurrence days hr:min
J-102	JUNCTION	3.55	7.74	3.18	2 15:00	3.18	2 15:01
J-104	JUNCTION	3.69	7.71	3.15	2 14:45	3.15	2 14:45
J-106	JUNCTION	2.63	7.70	3.14	2 14:43	3.14	2 14:43
J-109	JUNCTION	3.55	7.62	3.06	2 13:41	3.06	2 13:42
J-11	JUNCTION	3.27	7.58	3.02	2 22:56	3.01	2 18:52
J-110	JUNCTION	3.72	7.17	3.05	2 13:53	3.05	2 13:53
J-113	JUNCTION	3.63	7.58	3.02	2 13:50	3.02	2 13:50
J-114	JUNCTION	3.62	7.63	3.07	2 14:48	3.06	2 14:49
J-118	JUNCTION	3.56	7.63	3.07	2 14:41	3.06	2 14:42
J-12	JUNCTION	3.26	7.57	3.01	2 23:02	3.01	2 18:27
J-121	JUNCTION	2.63	7.71	3.15	2 15:27	3.15	2 15:29
J-126	JUNCTION	4.52	6.78	3.22	2 15:10	3.22	2 15:10
J-126A	JUNCTION	4.52	6.89	3.33	2 16:06	3.31	2 16:04
J-127	JUNCTION	4.15	6.69	3.13	2 14:54	3.13	2 14:54
J-128	JUNCTION	3.21	6.68	3.12	2 14:53	3.12	2 14:53
J-129	JUNCTION	2.70	6.54	2.98	2 13:32	2.98	2 13:33
J-130	JUNCTION	2.77	6.50	2.94	2 12:57	2.94	2 12:57
J-131	JUNCTION	2.83	7.05	3.49	2 13:14	3.49	2 13:09
J-132	JUNCTION	2.88	6.56	3.00	2 12:58	3.00	2 12:58
J-137	JUNCTION	2.78	6.57	3.01	2 13:09	3.01	2 13:10
J-139	JUNCTION	2.60	6.60	3.04	2 13:31	3.04	2 13:31
J-140	JUNCTION	2.68	6.72	3.16	2 14:09	3.16	2 14:10
J-147	JUNCTION	2.70	6.98	3.42	2 15:05	3.42	2 15:06
J-148	JUNCTION	2.65	7.06	3.50	2 15:22	3.50	2 15:22
J-149	JUNCTION	2.63	7.06	3.50	2 15:22	3.50	2 15:22
J-15	JUNCTION	2.80	6.98	2.92	2 14:05	2.92	2 13:44
J-152	JUNCTION	2.66	7.11	3.55	2 15:28	3.55	2 15:29
J-153	JUNCTION	2.61	7.14	3.58	2 15:22	3.58	2 15:22
J-155	JUNCTION	2.59	7.16	3.60	2 15:16	3.60	2 15:16
J-156	JUNCTION	2.57	7.23	3.67	2 14:57	3.67	2 14:58
J-158	JUNCTION	2.46	7.30	3.74	2 14:40	3.74	2 14:41
J-158A	JUNCTION	2.46	7.30	3.74	2 14:40	3.74	2 14:41
J-15A	JUNCTION	0.35	2.94	2.94	2 13:47	2.94	2 13:50
J-160	JUNCTION	2.47	7.30	3.74	2 14:38	3.74	2 14:38
J-161	JUNCTION	2.89	6.56	3.00	2 12:19	3.00	2 12:20
J-162	JUNCTION	2.97	7.31	3.75	2 12:05	3.75	2 12:06
J-163	JUNCTION	3.01	6.07	2.51	2 12:16	2.50	2 12:16

J-164	JUNCTION	3.13	6.51	2.95	2	11:44	2.95	1	12:16
J-165	JUNCTION	3.18	6.60	3.04	2	11:04	3.04	1	18:13
J-166	JUNCTION	3.27	6.37	2.81	0	08:58	2.81	1	20:26
J-167	JUNCTION	3.26	6.02	2.46	0	20:10	2.46	0	20:47
J-168	JUNCTION	3.30	6.16	2.60	0	19:44	2.60	1	18:58
J-169	JUNCTION	3.34	6.31	2.75	1	08:26	2.75	2	10:20
J-170	JUNCTION	3.30	6.41	2.85	1	07:40	2.85	1	21:10
J-174	JUNCTION	2.53	7.30	3.74	2	14:38	3.74	2	14:39
J-175	JUNCTION	2.49	7.30	3.74	2	14:41	3.74	2	14:41
J-176	JUNCTION	2.47	7.30	3.74	2	14:37	3.74	2	14:37
J-179	JUNCTION	2.93	7.80	3.74	2	14:35	3.74	2	14:36
J-18	JUNCTION	2.33	6.48	2.92	2	13:52	2.92	2	13:50
J-180	JUNCTION	2.59	6.78	3.22	2	15:22	3.22	2	15:22
J-180A	JUNCTION	2.59	6.90	3.34	2	16:07	3.31	2	15:09
J-185	JUNCTION	3.05	7.35	3.29	2	15:09	3.29	2	15:05
J-185A	JUNCTION	2.57	6.94	3.38	2	15:01	3.37	2	15:31
J-188	JUNCTION	3.03	7.80	3.74	2	14:30	3.74	2	14:31
J-188A	JUNCTION	2.53	7.41	3.85	2	14:38	3.84	2	14:30
J-191	JUNCTION	2.40	6.63	3.07	2	15:35	3.07	2	15:35
J-191A	JUNCTION	2.40	6.62	3.06	2	15:35	3.06	2	15:35
J-195	JUNCTION	2.69	7.29	3.73	2	14:36	3.73	2	14:36
J-195A	JUNCTION	2.69	7.39	3.83	2	14:39	3.79	2	14:03
J-198	JUNCTION	2.78	7.27	3.71	2	14:40	3.71	2	14:41
J-199	JUNCTION	2.70	7.13	3.57	2	15:45	3.57	2	15:45
J-19A	JUNCTION	2.33	6.94	3.38	2	23:30	3.31	2	12:11
J-203	JUNCTION	2.67	7.08	3.52	2	16:01	3.52	2	16:01
J-204	JUNCTION	2.68	7.09	3.53	2	15:58	3.53	2	15:59
J-206	JUNCTION	2.68	6.93	3.37	2	15:39	3.37	2	15:39
J-208	JUNCTION	2.63	6.89	3.33	2	15:34	3.33	2	15:34
J-209	JUNCTION	2.66	6.89	3.33	2	15:32	3.33	2	15:32
J-212	JUNCTION	2.70	6.87	3.31	2	15:22	3.31	2	15:23
J-213	JUNCTION	2.61	6.86	3.30	2	15:08	3.30	2	15:15
J-213A	JUNCTION	2.61	6.96	3.40	2	15:07	3.39	2	15:31
J-217	JUNCTION	6.44	10.95	3.25	2	16:07	3.25	2	16:08
J-218	JUNCTION	5.94	10.37	3.24	2	16:00	3.24	2	16:01
J-222	JUNCTION	4.18	8.40	3.23	2	16:00	3.23	2	16:00
J-223	JUNCTION	4.11	8.29	3.23	2	15:59	3.23	2	16:00
J-223A	JUNCTION	2.67	6.91	3.35	2	16:04	3.34	2	16:04
J-225	JUNCTION	2.65	6.73	3.17	2	15:53	3.17	2	15:53
J-226	JUNCTION	2.65	6.73	3.17	2	15:51	3.17	2	15:52
J-232	JUNCTION	2.66	6.69	3.13	2	15:45	3.13	2	15:46
J-233	JUNCTION	2.61	6.66	3.10	2	15:39	3.10	2	15:40
J-235	JUNCTION	2.57	6.66	3.10	2	15:39	3.10	2	15:39
J-238	JUNCTION	3.62	7.60	3.04	2	15:00	3.04	2	15:00
J-24	JUNCTION	2.37	6.52	2.96	2	13:54	2.96	2	13:54
J-242	JUNCTION	2.69	6.60	3.04	2	15:00	3.04	2	15:01
J-244	JUNCTION	2.72	6.62	3.06	2	14:22	3.06	2	14:23
J-247	JUNCTION	2.74	6.61	3.05	2	14:26	3.05	2	14:27
J-248	JUNCTION	2.69	6.56	3.00	2	14:45	3.00	2	14:45
J-249	JUNCTION	2.68	6.56	3.00	2	14:45	3.00	2	14:45
J-25	JUNCTION	2.33	6.52	2.96	2	13:50	2.96	2	13:51
J-253	JUNCTION	4.40	6.17	2.61	2	13:20	2.61	2	13:21
J-254	JUNCTION	4.40	6.13	2.57	2	13:19	2.57	2	13:20
J-256	JUNCTION	4.40	6.10	2.54	2	13:15	2.54	2	13:16
J-259	JUNCTION	4.32	5.83	2.27	2	13:16	2.27	2	13:16
J-25A	JUNCTION	2.33	6.74	3.18	2	23:28	2.96	2	13:51
J-260	JUNCTION	3.38	4.85	1.29	2	05:30	1.21	2	17:01
J-261	JUNCTION	2.60	4.75	1.19	2	13:35	1.19	2	13:35
J-261-WEIR	JUNCTION	3.51	4.63	1.07	2	18:32	1.02	2	10:15
J-262	JUNCTION	3.57	6.56	3.00	2	08:30	3.00	2	08:31
J-266	JUNCTION	2.72	6.13	2.57	2	14:29	2.57	2	14:30
J-267	JUNCTION	3.18	6.69	2.63	2	14:21	2.63	2	14:21
J-268	JUNCTION	3.59	7.69	3.13	2	07:36	2.79	2	13:56
J-268-WEIR	JUNCTION	1.57	7.35	2.79	2	13:56	2.79	2	13:56
J-269	JUNCTION	3.60	7.39	2.83	2	14:10	2.83	2	14:11
J-27	JUNCTION	2.34	6.52	2.96	2	14:12	2.96	2	14:13
J-271	JUNCTION	3.23	6.57	3.07	0	00:00	2.24	0	00:01
J-275	JUNCTION	3.61	7.36	2.80	2	13:52	2.80	2	13:52
J-278	JUNCTION	2.71	5.09	1.53	2	14:05	1.52	2	14:10
J-27A	JUNCTION	2.34	6.52	2.96	2	13:16	2.96	2	13:19
J-280	JUNCTION	2.80	5.61	2.05	2	20:54	2.04	1	11:50
J-281	JUNCTION	2.85	5.95	2.39	2	13:29	2.39	2	13:30
J-282	JUNCTION	2.88	6.13	2.57	2	13:26	2.57	2	13:26
J-283	JUNCTION	2.88	6.26	2.70	2	13:26	2.70	2	13:26
J-284	JUNCTION	2.87	6.43	2.87	2	05:29	2.75	2	13:19
J-284-WEIR	JUNCTION	0.00	0.00	0.00	0	00:00	0.00	0	00:00
J-285	JUNCTION	3.87	7.55	2.99	2	06:44	2.96	2	07:36
J-286	JUNCTION	2.98	6.87	2.81	2	13:43	2.81	2	13:43
J-288	JUNCTION	2.87	6.34	2.78	2	13:05	2.78	2	13:06
J-288A	JUNCTION	2.87	6.52	2.96	2	13:11	2.89	2	13:12

J-290	JUNCTION	2.40	7.01	3.45	2	13:18	3.45	2	13:16
J-290A	JUNCTION	0.38	3.54	3.54	2	13:17	3.53	2	13:05
J-293	JUNCTION	2.41	6.78	3.22	2	13:39	3.22	2	13:41
J-295	JUNCTION	2.39	6.74	3.18	2	13:42	3.18	2	13:42
J-296	JUNCTION	2.40	6.69	3.13	2	13:44	3.13	2	13:45
J-297	JUNCTION	2.37	6.43	2.87	2	13:33	2.87	2	13:34
J-30	JUNCTION	2.38	6.52	2.96	2	15:08	2.96	2	15:09
J-300	JUNCTION	2.85	6.92	2.86	2	13:32	2.86	2	13:33
J-301	JUNCTION	2.98	6.91	2.85	2	13:34	2.85	2	13:35
J-304	JUNCTION	2.24	6.92	2.86	2	13:31	2.86	2	13:32
J-305	JUNCTION	2.23	6.92	2.86	2	13:32	2.86	2	13:32
J-31	JUNCTION	2.33	6.52	2.96	2	15:05	2.96	2	15:05
J-310	JUNCTION	1.74	6.41	2.85	2	13:21	2.85	2	13:21
J-312	JUNCTION	1.72	6.40	2.84	2	13:17	2.84	2	13:18
J-314	JUNCTION	1.73	6.46	2.90	2	12:57	2.90	2	12:58
J-314A	JUNCTION	1.73	6.68	3.12	2	19:37	3.01	2	19:46
J-317	JUNCTION	1.77	6.53	2.97	2	12:41	2.97	2	12:42
J-31A	JUNCTION	2.33	6.54	2.98	2	14:54	2.97	2	14:42
J-321	JUNCTION	1.74	6.53	2.97	2	12:43	2.97	2	12:45
J-321A	JUNCTION	1.74	6.56	3.00	2	12:46	2.99	2	12:39
J-323	JUNCTION	1.77	6.53	2.97	2	12:40	2.97	2	12:40
J-324	JUNCTION	1.75	6.53	2.97	2	12:27	2.97	2	12:27
J-324A	JUNCTION	1.74	6.53	2.97	2	11:52	2.97	2	12:27
J-327	JUNCTION	2.37	6.52	2.96	2	13:47	2.96	2	13:47
J-328	JUNCTION	2.34	6.56	3.00	2	13:34	3.00	2	13:37
J-328A	JUNCTION	0.36	3.02	3.02	2	13:35	3.02	2	13:29
J-33	JUNCTION	2.34	6.56	3.00	2	23:50	3.00	3	00:00
J-333	JUNCTION	2.50	6.83	3.27	2	14:48	3.27	2	14:49
J-334	JUNCTION	2.42	6.95	3.39	2	13:56	3.39	2	13:56
J-335	JUNCTION	2.42	6.83	3.27	2	14:01	3.27	2	14:01
J-341	JUNCTION	2.34	6.55	2.99	2	13:47	2.99	2	13:48
J-341A	JUNCTION	2.34	6.57	3.01	2	13:24	3.01	2	13:23
J-342	JUNCTION	2.31	6.99	3.43	2	14:34	3.43	2	14:34
J-343	JUNCTION	2.83	7.44	3.38	2	14:48	3.38	2	14:49
J-348	JUNCTION	2.35	6.75	3.19	2	14:30	3.19	2	14:31
J-351	JUNCTION	2.26	6.52	2.96	2	12:37	2.96	2	12:34
J-351A	JUNCTION	2.26	6.62	3.06	2	12:30	3.02	2	12:31
J-354	JUNCTION	4.35	6.22	2.66	2	15:48	2.66	2	15:49
J-354A	JUNCTION	4.34	6.22	2.66	2	15:46	2.66	2	15:47
J-354B	JUNCTION	4.34	6.76	3.20	2	19:47	3.08	2	19:37
J-355	JUNCTION	4.41	6.75	3.19	2	16:17	3.19	2	16:17
J-355A	JUNCTION	4.41	6.75	3.19	2	16:17	3.19	2	16:18
J-359	JUNCTION	2.78	7.26	3.20	2	16:14	3.20	2	16:14
J-36	JUNCTION	2.38	6.45	2.89	2	15:25	2.89	2	15:25
J-362	JUNCTION	2.01	7.06	3.50	2	14:20	3.50	2	14:21
J-363	JUNCTION	2.06	7.09	3.53	2	14:13	3.53	2	14:14
J-364	JUNCTION	2.02	7.09	3.53	2	14:10	3.53	2	14:11
J-367	JUNCTION	2.37	7.11	3.55	2	13:44	3.55	2	13:44
J-368	JUNCTION	2.30	7.12	3.56	2	13:40	3.56	2	13:41
J-369	JUNCTION	2.32	7.11	3.55	2	13:39	3.55	2	13:40
J-374	JUNCTION	2.02	7.09	3.53	2	14:06	3.53	2	14:07
J-375	JUNCTION	2.80	7.60	3.54	2	13:36	3.54	2	13:36
J-380	JUNCTION	2.51	7.59	3.53	2	13:59	3.53	2	13:59
J-380A	JUNCTION	2.02	7.14	3.58	2	20:23	3.53	2	13:57
J-381	JUNCTION	3.51	8.59	3.53	2	13:42	3.53	2	13:42
J-384	JUNCTION	3.37	8.10	3.54	2	13:35	3.54	2	13:35
J-385	JUNCTION	2.37	7.56	4.00	2	21:07	4.00	2	22:23
J-388	JUNCTION	3.41	8.09	3.53	2	13:28	3.53	2	13:29
J-389	JUNCTION	2.85	7.59	3.53	2	13:30	3.53	2	13:30
J-393	JUNCTION	2.92	7.60	3.54	2	13:31	3.54	2	13:32
J-396	JUNCTION	3.01	7.66	3.60	2	13:11	3.60	2	13:12
J-399	JUNCTION	2.40	7.41	3.85	2	21:36	3.84	2	19:28
J-40	JUNCTION	2.41	6.56	3.00	2	16:08	3.00	2	16:09
J-402	JUNCTION	2.32	7.54	3.98	2	12:55	3.98	2	12:56
J-402A	JUNCTION	2.32	7.55	3.99	2	12:56	3.99	2	12:56
J-405	JUNCTION	2.32	7.23	3.67	2	13:26	3.67	2	13:27
J-407	JUNCTION	2.32	7.19	3.63	2	13:35	3.63	2	13:36
J-409	JUNCTION	2.79	7.66	3.60	2	13:46	3.60	2	13:46
J-40A	JUNCTION	2.41	6.73	3.17	3	01:11	3.08	2	23:28
J-40B	JUNCTION	2.41	7.06	3.50	2	17:58	3.20	2	18:34
J-40C	JUNCTION	2.41	6.57	3.01	2	16:14	3.00	2	17:06
J-410	JUNCTION	2.86	7.65	3.59	2	13:50	3.59	2	13:51
J-412	JUNCTION	2.29	7.14	3.58	2	13:49	3.58	2	13:58
J-414	JUNCTION	2.32	7.18	3.62	2	14:14	3.62	2	14:14
J-415	JUNCTION	3.87	8.81	3.65	2	14:22	3.65	2	14:21
J-415A	JUNCTION	2.30	7.34	3.78	2	22:01	3.65	2	14:21
J-415B	JUNCTION	0.38	3.67	3.67	2	14:21	3.67	2	14:20
J-416	JUNCTION	3.28	8.17	3.61	2	14:11	3.61	2	14:12
J-417	JUNCTION	3.29	8.14	3.58	2	17:22	3.56	2	16:04
J-42	JUNCTION	2.39	6.46	2.90	2	16:07	2.90	2	16:08

J-421	JUNCTION	2.32	7.07	3.51	2	13:23	3.51	2	13:26
J-422	JUNCTION	2.33	7.06	3.50	2	16:22	3.50	2	16:24
J-422A	JUNCTION	2.33	7.13	3.57	2	18:15	3.52	2	17:32
J-423	JUNCTION	3.85	8.40	3.34	2	18:15	3.34	2	21:35
J-423A	JUNCTION	2.37	7.41	3.85	2	20:10	3.73	2	23:24
J-424	JUNCTION	2.43	6.74	3.18	2	12:33	3.18	2	12:34
J-427	JUNCTION	2.45	6.77	3.21	2	12:36	3.21	2	12:37
J-42A	JUNCTION	2.39	6.46	2.90	2	16:07	2.90	2	16:08
J-430	JUNCTION	2.41	6.96	3.40	2	13:10	3.40	2	13:10
J-430A	JUNCTION	2.42	7.37	3.81	2	19:22	3.52	2	17:16
J-431	JUNCTION	5.12	8.94	3.40	2	13:18	3.40	2	13:19
J-431A	JUNCTION	3.22	7.54	3.98	2	21:08	3.55	2	17:16
J-432	JUNCTION	5.05	8.76	3.38	2	13:20	3.38	2	13:20
J-432B	JUNCTION	0.56	3.40	3.40	2	13:19	3.40	2	13:20
J-433	JUNCTION	3.24	6.82	3.29	2	14:09	3.29	2	14:09
J-434	JUNCTION	3.29	6.85	3.29	2	14:15	3.28	2	14:16
J-435	JUNCTION	3.27	6.88	3.32	2	14:06	3.32	2	14:06
J-436	JUNCTION	3.94	6.82	3.26	2	14:15	3.25	2	14:16
J-437	JUNCTION	4.03	6.79	3.23	2	14:43	3.23	2	14:43
J-438	JUNCTION	3.97	6.69	3.13	2	16:13	3.13	2	16:13
J-439	JUNCTION	3.96	6.68	3.12	2	15:53	3.12	2	15:53
J-440	JUNCTION	5.32	8.06	3.00	2	12:35	3.00	2	12:35
J-441	JUNCTION	3.82	7.45	3.89	2	12:35	3.62	2	12:35
J-444	JUNCTION	3.83	8.06	3.00	2	12:23	2.98	2	12:24
J-444-WEIR	JUNCTION	5.33	8.33	3.27	2	21:06	2.87	2	12:54
J-445	JUNCTION	3.83	8.10	3.04	2	12:23	3.04	2	12:22
J-448	JUNCTION	4.38	6.79	3.23	2	20:08	3.23	2	20:09
J-450	JUNCTION	3.89	8.14	3.08	2	12:24	3.08	2	12:27
J-454	JUNCTION	4.37	6.79	3.23	2	20:10	3.23	2	20:10
J-455	JUNCTION	4.68	7.09	3.53	2	20:22	3.53	2	20:22
J-459	JUNCTION	5.12	7.52	3.53	2	20:20	3.53	2	20:21
J-459A	JUNCTION	4.68	7.28	3.72	2	20:10	3.64	2	21:03
J-460-NEW	JUNCTION	4.77	7.40	3.84	2	20:49	3.84	2	20:49
J-463	JUNCTION	4.77	7.41	3.85	2	20:48	3.85	2	20:49
J-466	JUNCTION	5.09	8.79	5.23	3	04:34	5.08	2	07:59
J-468	JUNCTION	5.07	8.08	4.52	2	21:01	4.52	2	21:02
J-47	JUNCTION	4.29	6.43	2.58	2	17:23	2.57	2	17:23
J-470	JUNCTION	4.06	6.92	3.36	3	00:44	3.36	3	00:43
J-471	JUNCTION	4.53	8.11	4.55	2	22:01	4.54	2	22:02
J-478	JUNCTION	3.46	6.81	3.25	3	00:57	3.25	3	00:57
J-479	JUNCTION	4.08	6.81	3.25	3	00:57	3.25	3	00:57
J-480	JUNCTION	3.46	6.76	3.20	3	00:59	3.20	3	01:00
J-481	JUNCTION	3.61	6.61	3.05	0	14:34	3.05	0	14:35
J-482	JUNCTION	3.42	6.63	3.07	3	01:21	3.07	3	01:21
J-484	JUNCTION	3.68	6.91	3.17	3	01:16	3.17	3	01:16
J-485	JUNCTION	3.58	6.75	3.18	3	01:15	3.17	3	01:16
J-486	JUNCTION	3.56	6.80	3.24	3	01:12	3.21	3	01:13
J-487	JUNCTION	3.54	6.65	3.09	0	20:59	3.09	3	01:16
J-489	JUNCTION	3.43	6.51	2.95	3	01:24	2.95	3	01:24
J-491	JUNCTION	3.59	6.33	2.77	3	01:20	2.77	3	01:20
J-492	JUNCTION	3.70	6.65	3.09	0	12:10	3.09	0	12:11
J-493	JUNCTION	3.67	6.51	2.95	2	14:30	2.95	2	13:57
J-495	JUNCTION	3.61	6.99	3.43	2	18:50	3.42	2	14:57
J-497	JUNCTION	3.71	6.12	2.56	2	14:14	2.56	2	14:14
J-498	JUNCTION	2.03	6.45	2.89	2	13:13	2.89	2	13:14
J-498A	JUNCTION	2.04	6.93	3.37	2	16:02	3.14	2	16:33
J-499	JUNCTION	2.03	6.57	3.01	2	16:21	3.01	2	16:21
J-5	JUNCTION	3.67	7.62	2.56	2	15:19	2.56	2	15:20
J-50	JUNCTION	4.11	7.18	3.47	2	14:12	3.47	2	14:10
J-500	JUNCTION	2.03	6.42	2.86	2	13:23	2.86	2	13:24
J-505	JUNCTION	2.03	6.46	2.90	2	13:14	2.90	2	13:21
J-508	JUNCTION	2.04	6.57	3.01	2	12:48	3.01	2	13:20
J-51	JUNCTION	4.35	6.92	2.96	2	17:26	2.93	2	17:38
J-512	JUNCTION	2.11	6.37	2.81	2	13:29	2.81	2	13:29
J-518	JUNCTION	2.19	6.34	2.78	2	13:25	2.78	2	13:26
J-53	JUNCTION	2.67	7.76	3.00	2	16:14	3.00	2	16:14
J-534	JUNCTION	4.96	6.76	3.20	2	23:11	3.20	2	23:12
J-537	JUNCTION	5.32	8.04	4.48	2	20:55	4.48	2	20:55
J-539	JUNCTION	5.34	8.08	4.52	2	20:53	4.52	2	20:54
J-539-WEIR	JUNCTION	5.08	8.08	4.52	2	20:52	4.52	2	20:53
J-539A	JUNCTION	5.33	11.44	7.88	2	08:10	5.20	0	14:38
J-54	JUNCTION	2.67	7.76	3.00	2	16:12	3.00	2	16:13
J-541	JUNCTION	5.16	8.08	4.52	2	21:05	4.52	2	21:05
J-544	JUNCTION	3.71	6.21	2.65	2	16:34	2.65	2	16:35
J-548	JUNCTION	3.93	6.70	3.14	2	17:24	3.11	2	13:20
J-54A	JUNCTION	0.43	3.00	3.00	2	16:07	3.00	2	16:08
J-54B	JUNCTION	0.43	3.04	3.04	2	16:11	3.04	2	16:17
J-550	JUNCTION	3.79	6.68	3.12	2	09:46	3.12	0	09:47
J-553	JUNCTION	4.17	7.15	3.30	1	09:19	3.29	1	09:19
J-554	JUNCTION	4.27	7.91	3.88	2	08:57	3.88	0	07:47

J-555	JUNCTION	4.72	8.29	3.89	2	10:00	3.89	1	08:08
J-557	JUNCTION	6.65	7.84	-0.10	2	09:46	-0.28	2	20:57
J-558	JUNCTION	5.66	6.49	-0.49	0	08:52	-0.67	2	11:01
J-559	JUNCTION	3.65	6.40	2.84	1	04:57	2.84	1	21:21
J-560	JUNCTION	3.67	6.32	2.76	0	20:48	2.75	1	05:21
J-561	JUNCTION	3.74	8.02	4.02	0	00:00	1.04	2	07:51
J-563	JUNCTION	2.22	6.12	2.56	2	14:55	2.56	2	14:56
J-563A	JUNCTION	2.22	6.93	3.37	2	13:10	3.21	2	13:11
J-565	JUNCTION	3.69	7.77	2.71	2	18:09	2.70	2	18:10
J-566	JUNCTION	3.61	8.09	3.03	2	22:21	3.01	2	18:35
J-566-WEIR	JUNCTION	0.25	4.06	4.06	2	22:21	3.09	2	19:47
J-567	JUNCTION	0.72	8.01	4.01	2	14:03	4.01	2	14:04
J-568	JUNCTION	1.59	11.66	3.03	2	16:32	3.02	2	19:50
J-569	JUNCTION	1.18	9.28	3.04	2	15:27	3.03	2	18:34
J-570	JUNCTION	2.17	6.24	2.68	2	19:14	2.67	2	19:15
J-571	JUNCTION	4.04	6.56	3.00	2	15:21	3.00	2	14:07
J-571A	JUNCTION	4.03	6.68	3.12	2	14:09	2.90	2	15:10
J-571B	JUNCTION	4.04	6.59	3.03	2	14:09	2.93	2	12:21
J-572A	JUNCTION	3.17	4.46	0.90	2	08:49	0.83	2	08:50
J-572B	JUNCTION	3.17	4.46	0.90	2	08:49	0.83	2	08:50
J-575	JUNCTION	3.73	8.01	4.01	0	00:00	0.62	2	08:50
J-576	JUNCTION	3.69	7.10	3.04	1	07:29	3.04	1	10:11
J-577	JUNCTION	3.21	6.56	3.00	2	09:11	3.00	2	09:10
J-578	JUNCTION	3.41	7.10	3.04	1	08:57	3.04	0	09:14
J-58	JUNCTION	2.64	7.74	2.98	2	16:01	2.98	2	16:02
J-581	JUNCTION	4.48	8.10	3.04	2	18:36	3.04	2	22:06
J-585	JUNCTION	3.72	7.25	3.19	2	12:55	3.19	2	12:55
J-585B	JUNCTION	3.72	7.30	3.24	2	09:33	3.19	2	12:55
J-588	JUNCTION	4.30	7.74	3.18	2	10:38	3.18	2	10:39
J-58A	JUNCTION	2.64	7.74	2.98	2	16:01	2.98	2	16:02
J-59	JUNCTION	2.62	7.72	2.96	2	15:31	2.96	2	15:31
J-591	JUNCTION	5.60	8.90	2.84	3	01:06	2.84	3	00:15
J-591A	JUNCTION	5.60	9.15	3.09	3	00:16	2.41	2	12:18
J-591B	JUNCTION	5.60	9.14	3.08	3	00:16	2.41	2	12:18
J-596	JUNCTION	4.49	7.97	3.10	3	01:06	3.09	3	01:06
J-596A	JUNCTION	5.70	8.67	3.11	2	12:17	3.10	2	12:18
J-598	JUNCTION	2.92	6.60	3.04	2	12:59	3.04	2	13:00
J-598A	JUNCTION	2.92	6.60	3.04	2	12:59	3.04	2	13:00
J-598B	JUNCTION	2.92	6.60	3.04	2	12:59	3.04	2	13:00
J-59A	JUNCTION	2.62	7.76	3.00	2	14:56	2.99	2	14:56
J-59B	JUNCTION	2.62	7.73	2.97	2	14:55	2.97	2	14:54
J-5A	JUNCTION	3.66	7.62	2.56	2	15:19	2.56	2	15:20
J-6	JUNCTION	3.43	7.77	3.01	2	22:50	3.01	2	22:17
J-60	JUNCTION	2.62	7.72	2.96	2	15:33	2.96	2	15:34
J-601	JUNCTION	2.96	6.20	2.64	2	13:00	2.64	1	07:43
J-602	JUNCTION	2.91	6.06	2.50	2	12:14	2.50	2	12:14
J-603	JUNCTION	3.31	6.56	3.00	2	07:55	3.00	0	08:44
J-604	JUNCTION	3.29	5.57	2.01	1	09:22	2.00	1	10:17
J-606	JUNCTION	3.40	6.31	2.25	2	12:21	2.25	1	10:18
J-607	JUNCTION	3.37	6.50	2.44	2	12:13	2.44	2	12:21
J-609	JUNCTION	2.90	6.20	2.64	2	07:18	2.64	2	12:36
J-61	JUNCTION	2.62	7.73	2.97	2	15:38	2.97	2	15:38
J-611	JUNCTION	2.95	6.86	3.30	2	12:15	3.30	2	12:16
J-611A	JUNCTION	3.56	6.86	3.30	2	12:15	3.30	2	12:16
J-611B	JUNCTION	2.95	6.86	3.30	2	12:15	3.30	2	12:16
J-613	JUNCTION	2.96	6.45	2.89	2	12:31	2.89	2	12:31
J-615	JUNCTION	2.95	6.35	2.79	2	12:32	2.79	2	12:34
J-618	JUNCTION	2.47	6.50	2.94	2	16:01	2.94	2	16:02
J-61A	JUNCTION	0.38	3.05	3.05	2	17:59	2.98	2	16:36
J-623	JUNCTION	2.41	6.50	2.94	2	16:00	2.94	2	16:00
J-624	JUNCTION	2.39	6.50	2.94	2	16:00	2.94	2	16:01
J-624A	JUNCTION	2.39	6.81	3.25	2	22:23	3.06	2	22:22
J-626	JUNCTION	2.39	6.50	2.94	2	16:02	2.94	2	16:02
J-629	JUNCTION	2.48	6.52	2.96	2	16:07	2.96	2	16:08
J-63	JUNCTION	2.41	7.08	3.52	2	13:49	3.52	2	13:49
J-632	JUNCTION	2.49	6.54	2.98	2	16:11	2.98	2	16:11
J-633	JUNCTION	2.88	7.00	2.94	2	15:41	2.94	2	15:42
J-637	JUNCTION	2.42	6.50	2.94	2	15:40	2.94	2	15:41
J-64	JUNCTION	2.39	7.08	3.52	2	13:50	3.52	2	13:51
J-640	JUNCTION	2.43	6.52	2.96	2	15:38	2.96	2	15:29
J-647	JUNCTION	2.37	6.57	3.01	2	17:58	3.01	2	17:58
J-647A	JUNCTION	2.37	7.24	3.68	2	17:58	3.49	2	18:42
J-647B	JUNCTION	0.38	3.05	3.05	2	17:59	2.97	2	16:36
J-650	JUNCTION	2.39	6.45	2.89	2	14:34	2.89	2	14:34
J-653	JUNCTION	2.41	6.52	2.96	2	13:48	2.96	2	13:48
J-653A	JUNCTION	0.38	2.96	2.96	2	13:53	2.96	2	13:53
J-654	JUNCTION	2.40	6.48	2.92	2	13:50	2.92	2	14:05
J-654A	JUNCTION	2.40	6.83	3.27	2	12:11	3.07	2	12:11
J-657	JUNCTION	2.41	6.47	2.91	2	14:18	2.91	2	14:19
J-659	JUNCTION	2.40	6.45	2.89	2	14:22	2.89	2	14:23

J-663	JUNCTION	3.44	7.41	2.85	2	14:26	2.85	2	14:26
J-665	JUNCTION	3.43	7.35	2.79	2	14:35	2.79	2	14:35
J-666	JUNCTION	3.36	7.21	2.65	2	15:03	2.65	2	15:03
J-67	JUNCTION	2.36	6.99	3.43	2	14:29	3.43	2	14:29
J-670	JUNCTION	3.36	7.21	2.65	2	15:02	2.65	2	15:03
J-672	JUNCTION	4.37	7.56	3.00	3	00:42	1.96	3	01:52
J-673	JUNCTION	4.38	7.10	2.54	2	15:06	2.54	2	15:07
J-673A	JUNCTION	4.38	7.10	2.54	2	15:07	2.54	2	15:07
J-678	JUNCTION	3.39	7.21	2.65	2	15:00	2.65	2	15:01
J-67A	JUNCTION	2.35	6.99	3.43	2	14:31	3.43	2	14:31
J-682	JUNCTION	0.72	6.19	3.63	2	13:21	3.63	2	13:22
J-684	JUNCTION	0.71	6.27	3.71	2	15:44	3.71	2	16:58
J-686	JUNCTION	0.68	6.21	3.65	2	15:19	3.65	2	16:30
J-687	JUNCTION	0.64	6.01	3.45	2	12:13	3.45	2	12:13
J-691	JUNCTION	0.59	5.86	3.30	2	14:29	3.29	2	12:00
J-692	JUNCTION	0.52	5.87	3.31	2	14:18	3.28	2	12:12
J-692-WEIR	JUNCTION	2.29	3.28	0.72	2	12:11	0.60	0	21:00
J-693	JUNCTION	2.29	5.19	2.63	0	00:00	0.61	0	21:00
J-697	JUNCTION	3.35	7.56	4.00	0	21:07	4.00	0	21:07
J-7	JUNCTION	3.27	7.14	2.58	2	15:00	2.58	2	15:01
J-700	JUNCTION	3.33	6.85	3.29	1	21:51	3.29	1	09:40
J-701	JUNCTION	3.18	6.80	3.24	0	08:01	3.24	1	08:15
J-702	JUNCTION	3.19	6.81	3.25	2	09:23	3.25	1	08:15
J-705	JUNCTION	3.24	7.05	3.49	1	12:17	3.49	0	19:50
J-707	JUNCTION	3.24	6.75	3.19	0	21:49	3.19	0	20:19
J-710	JUNCTION	3.25	6.85	3.29	1	20:58	3.29	0	09:11
J-712	JUNCTION	2.41	6.93	3.37	2	12:35	3.37	2	12:35
J-714	JUNCTION	2.56	6.91	3.35	2	13:57	3.35	2	13:58
J-719	JUNCTION	2.59	6.86	3.30	2	13:42	3.30	2	13:42
J-72	JUNCTION	2.38	7.07	3.51	2	13:48	3.51	2	13:48
J-721	JUNCTION	2.46	6.88	3.32	2	13:26	3.32	2	13:26
J-725	JUNCTION	2.43	6.99	3.43	2	13:27	3.43	2	13:28
J-728	JUNCTION	2.60	7.01	3.45	2	13:26	3.45	2	13:26
J-73	JUNCTION	2.46	7.07	3.51	2	13:43	3.51	2	13:43
J-734	JUNCTION	2.55	7.24	3.68	2	12:55	3.68	2	12:56
J-734A	JUNCTION	2.55	7.35	3.79	2	12:31	3.74	2	12:35
J-734B	JUNCTION	2.55	7.33	3.77	3	01:05	3.68	2	12:56
J-735	JUNCTION	2.44	7.42	3.86	3	00:51	3.86	3	00:52
J-736	JUNCTION	4.62	10.79	7.23	3	00:22	7.23	3	00:22
J-74	JUNCTION	2.43	7.09	3.53	2	13:44	3.53	2	13:45
J-740	JUNCTION	2.66	7.74	2.98	2	15:39	2.98	2	15:39
J-741	JUNCTION	2.60	7.77	3.01	2	15:40	3.01	2	15:41
J-744	JUNCTION	2.59	7.77	3.01	2	15:41	3.01	2	15:41
J-745	JUNCTION	2.58	7.77	3.01	2	15:41	3.01	2	15:42
J-745A	JUNCTION	1.66	6.57	3.01	2	15:41	3.01	2	15:42
J-748	JUNCTION	4.71	7.42	2.66	2	15:19	2.66	2	15:19
J-748-WEIR-STANTEC	JUNCTION	4.59	7.42	2.66	2	15:19	2.66	2	15:19
J-748A	JUNCTION	3.49	6.31	2.75	2	13:24	2.71	2	13:23
J-749	JUNCTION	4.72	7.42	2.66	2	15:18	2.66	2	15:19
J-750	JUNCTION	4.78	7.40	2.64	2	15:58	2.64	2	15:43
J-750A	JUNCTION	3.57	6.86	3.30	2	22:36	2.82	2	20:16
J-751	JUNCTION	4.92	7.55	2.64	2	15:59	2.64	2	15:59
J-752	JUNCTION	5.40	7.88	2.52	2	16:01	2.52	2	16:01
J-753	JUNCTION	5.48	8.05	2.58	2	15:49	2.58	2	15:50
J-754	JUNCTION	5.60	8.20	2.63	2	15:48	2.63	2	15:49
J-754-WEIR-STANTEC	JUNCTION	5.22	7.88	2.52	2	16:01	2.52	2	16:01
J-754A	JUNCTION	3.60	6.28	2.72	2	20:25	2.70	2	13:09
J-755	JUNCTION	3.24	6.66	3.10	2	12:18	3.10	2	12:18
J-757	JUNCTION	5.14	8.66	3.10	2	12:18	3.09	2	12:18
J-760	JUNCTION	2.39	6.46	2.90	2	16:07	2.90	2	16:07
J-761	JUNCTION	3.56	7.70	3.14	2	14:36	3.14	2	14:30
J-763	JUNCTION	5.35	8.06	3.00	2	12:36	3.00	2	12:36
J-764	JUNCTION	3.78	7.62	2.56	2	14:54	2.56	2	14:54
J-766	JUNCTION	2.21	7.22	3.66	2	12:52	3.66	2	12:52
J-766A	JUNCTION	2.21	7.30	3.74	2	12:32	3.70	2	12:35
J-768	JUNCTION	2.21	7.07	3.51	2	12:28	3.51	2	12:28
J-769	JUNCTION	2.30	6.93	3.37	2	12:25	3.36	2	12:25
J-77	JUNCTION	2.43	7.10	3.54	2	13:58	3.54	2	13:42
J-771	JUNCTION	2.28	6.86	3.30	3	04:28	3.30	2	12:17
J-772	JUNCTION	2.39	6.89	3.33	2	16:09	3.32	1	19:19
J-774	JUNCTION	2.42	6.86	3.30	2	12:18	3.30	2	12:08
J-776	JUNCTION	2.44	6.85	3.29	2	16:10	3.29	2	12:13
J-778	JUNCTION	2.26	6.85	3.29	2	12:17	3.29	2	12:17
J-77A	JUNCTION	2.43	13.55	9.99	2	22:47	7.34	2	14:26
J-77B	JUNCTION	2.43	7.11	3.55	2	13:25	3.54	2	13:19
J-780	JUNCTION	2.29	6.86	3.30	2	12:16	3.30	2	12:17
J-782	JUNCTION	2.32	6.86	3.30	2	12:04	3.29	2	12:11
J-784	JUNCTION	2.35	6.86	3.30	2	12:19	3.30	2	12:19
J-786	JUNCTION	2.26	6.87	3.31	2	12:06	3.30	2	12:06
J-788	JUNCTION	2.20	6.90	3.34	2	12:05	3.33	2	12:05

J-790	JUNCTION	2.18	6.91	3.35	2	12:03	3.35	2	12:03
J-792	JUNCTION	2.31	6.88	3.32	2	13:18	3.32	2	13:19
J-793	JUNCTION	2.42	6.88	3.32	2	13:20	3.32	2	13:21
J-795	JUNCTION	2.16	6.86	3.30	2	12:04	3.30	2	12:04
J-799	JUNCTION	1.22	7.04	3.44	2	13:41	3.44	2	15:39
J-799-WEIR-EAC	JUNCTION	3.51	7.07	3.47	0	08:18	3.45	3	01:06
J-80	JUNCTION	2.54	7.09	3.53	2	13:43	3.53	2	13:44
J-800	JUNCTION	1.22	6.25	2.65	2	12:29	2.65	2	13:19
J-802	JUNCTION	1.23	6.18	2.58	2	13:13	2.58	2	13:13
J-806	JUNCTION	1.18	6.18	2.58	2	14:08	2.58	2	14:09
J-809	JUNCTION	1.17	6.25	2.65	2	13:33	2.63	2	13:07
J-810	JUNCTION	1.17	6.13	2.53	2	13:34	2.52	2	13:36
J-813	JUNCTION	1.18	6.18	2.58	2	13:37	2.58	2	13:37
J-816	JUNCTION	1.19	6.22	2.62	2	13:39	2.62	2	13:40
J-819	JUNCTION	1.19	6.23	2.63	2	13:41	2.63	2	13:42
J-82	JUNCTION	3.10	7.80	3.74	2	14:42	3.74	2	14:43
J-822	JUNCTION	1.20	6.27	2.67	2	13:41	2.67	2	13:42
J-826	JUNCTION	1.26	6.28	2.68	2	13:51	2.68	2	13:51
J-829	JUNCTION	1.25	6.26	2.66	2	13:46	2.66	2	13:46
J-83	JUNCTION	3.02	7.80	3.74	2	14:47	3.74	2	14:48
J-831	JUNCTION	1.25	6.25	2.65	2	13:43	2.65	2	13:43
J-836	JUNCTION	1.24	6.22	2.62	2	13:33	2.62	2	13:34
J-838	JUNCTION	1.00	5.95	2.35	2	12:26	2.35	2	12:26
J-83A	JUNCTION	3.02	14.06	10.00	2	22:47	5.89	2	22:18
J-84	JUNCTION	3.09	7.80	3.74	2	14:34	3.74	2	14:35
J-841	JUNCTION	0.99	5.76	2.16	2	13:27	2.16	2	13:28
J-844	JUNCTION	0.99	5.66	2.06	2	12:50	2.06	2	12:50
J-848	JUNCTION	0.98	6.05	2.45	2	13:25	2.44	2	12:11
J-850	JUNCTION	0.98	6.60	3.00	2	12:50	3.00	2	13:40
J-851	JUNCTION	0.97	6.30	2.70	2	13:54	2.69	2	13:25
J-856	JUNCTION	5.51	6.58	-2.42	2	12:15	-2.43	2	12:16
J-860	JUNCTION	0.37	1.24	-2.36	2	12:15	-2.37	2	12:15
J-863	JUNCTION	0.38	1.44	-2.16	2	12:15	-2.16	2	12:15
J-865	JUNCTION	0.40	1.70	-1.90	2	12:15	-1.90	2	12:15
J-868	JUNCTION	0.40	1.77	-1.83	2	12:15	-1.83	2	12:15
J-87	JUNCTION	3.12	7.30	3.24	2	15:06	3.24	2	15:06
J-870	JUNCTION	0.40	2.06	-1.54	2	12:14	-1.54	2	12:15
J-879	JUNCTION	8.19	12.00	3.50	2	21:50	3.50	2	16:52
J-88	JUNCTION	3.14	7.27	3.21	2	15:06	3.21	2	15:07
J-880	JUNCTION	3.60	6.00	1.94	2	12:32	1.94	2	12:32
J-881	JUNCTION	3.23	8.23	4.67	3	03:46	4.67	2	23:46
J-882	JUNCTION	3.24	5.57	2.01	2	12:38	2.01	2	12:38
J-883	JUNCTION	3.24	5.66	2.10	2	22:56	2.09	2	22:57
J-884	JUNCTION	3.22	5.87	2.31	2	22:55	2.26	2	22:47
J-888	JUNCTION	2.40	6.46	2.90	2	16:09	2.90	2	16:09
J-889	JUNCTION	2.40	6.46	2.90	2	16:10	2.90	2	16:10
J-891	JUNCTION	2.39	6.42	2.86	2	15:55	2.86	2	15:55
J-892	JUNCTION	2.39	6.41	2.85	2	16:02	2.85	2	16:03
J-894	JUNCTION	2.39	6.37	2.81	2	16:01	2.81	2	16:01
J-896	JUNCTION	2.38	6.28	2.72	2	15:59	2.72	2	16:00
J-899	JUNCTION	2.40	6.50	2.94	2	15:51	2.94	2	15:52
J-899A	JUNCTION	2.40	6.77	3.21	2	21:36	3.00	2	20:11
J-902	JUNCTION	4.48	7.70	3.24	2	19:47	2.92	2	20:09
J-903	JUNCTION	4.44	7.01	2.64	2	15:45	2.64	2	15:46
J-903A	JUNCTION	3.58	6.35	2.79	2	20:23	2.77	2	13:09
J-910	JUNCTION	3.30	7.56	4.00	0	00:00	0.73	2	12:15
J-912	JUNCTION	3.31	7.56	4.00	0	00:00	1.33	2	12:15
J-917	JUNCTION	3.26	9.50	6.00	0	23:06	6.00	2	09:44
J-918	JUNCTION	3.26	6.54	3.04	0	09:34	3.04	1	07:30
J-920	JUNCTION	3.72	8.00	4.00	0	00:00	0.72	1	21:11
J-934	JUNCTION	2.36	6.22	2.66	2	15:57	2.66	2	15:58
J-934A	JUNCTION	2.36	6.32	2.76	2	13:09	2.75	2	13:09
J-951	JUNCTION	2.84	8.18	4.62	2	20:18	4.62	2	19:47
J-953	JUNCTION	2.96	7.63	4.07	2	20:31	4.06	2	20:42
J-954	JUNCTION	3.86	7.05	3.49	2	19:13	3.48	2	19:13
J-958	JUNCTION	2.84	5.88	4.52	2	21:00	4.52	2	21:01
J-96	JUNCTION	3.06	7.25	3.19	2	15:01	3.19	2	15:02
J-963	JUNCTION	3.27	7.22	2.66	2	14:58	2.66	2	14:58
J-99	JUNCTION	2.69	6.75	3.19	2	15:05	3.19	2	15:06
JCT-24	JUNCTION	4.44	6.00	2.44	2	22:58	2.44	2	23:01
JCT-26	JUNCTION	5.47	8.12	2.19	2	12:22	2.19	2	12:23
JCT-26-WEIR	JUNCTION	6.00	8.13	2.19	3	00:45	2.19	2	12:23
JCT-28	JUNCTION	3.65	4.96	0.90	2	08:50	0.89	2	08:50
JCT-28-WEIR	JUNCTION	3.80	4.92	0.86	2	08:49	0.84	2	08:50
JCT-30	JUNCTION	3.35	7.10	2.54	2	15:05	2.54	2	15:05
JCT-32	JUNCTION	3.22	4.30	0.74	2	20:52	0.70	2	20:46
JCT-32-WEIR	JUNCTION	3.29	4.31	0.75	2	20:36	0.71	0	08:54
JCT-36	JUNCTION	9.21	10.04	1.04	2	12:16	1.00	2	12:15
JCT-46	JUNCTION	4.37	7.72	4.16	2	12:12	4.15	2	12:35
JCT-64	JUNCTION	3.09	7.04	3.04	2	15:01	3.04	2	15:02

J-171	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-263	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-279	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-33A	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-386	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-442	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-561A	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-567A	OUTFALL	0.00	0.00	-4.00	0	00:00	-4.00	0	00:00
J-582	OUTFALL	5.22	6.10	0.60	0	21:00	0.60	0	21:00
J-605	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-671	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-694	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-703	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-909	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-911	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-913	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-919	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-920A	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-963A	OUTFALL	2.29	3.16	0.60	0	21:00	0.60	0	21:00
J575A	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
OFALL-10	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-12	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-14	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-16	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-18	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-20	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-22	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-24	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-26	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-28	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-30	OUTFALL	0.00	0.00	-2.00	0	00:00	-2.00	0	00:00
OFALL-32	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-34	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-36	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-38	OUTFALL	0.00	0.00	-2.56	0	00:00	-2.56	0	00:00
OFALL-40	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-42	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-44	OUTFALL	0.00	0.00	-2.50	0	00:00	-2.50	0	00:00
OFALL-46	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-48	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-50	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-52	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-54	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-66	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
WELL-2E	OUTFALL	3.30	6.50	4.00	2	12:04	4.00	2	12:05
WELL-3	OUTFALL	1.70	2.43	0.93	2	12:16	0.90	2	12:15
WELL-4	OUTFALL	1.71	2.52	1.02	2	12:16	0.98	2	12:15
WELL-W-ENID-DR	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-856-STORAGE-NEW	STORAGE	6.10	8.09	-7.91	2	12:09	-7.93	2	12:18

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error gal or %
J-102	JUNCTION	0.00	7.26	0 13:26	0	2.66	-1.866 %
J-104	JUNCTION	2.94	7.08	3 00:35	0.285	2.28	32.019 %
J-106	JUNCTION	0.00	5.76	3 00:38	0	0.421	14.613 %
J-109	JUNCTION	0.00	10.23	3 00:16	0	2.74	0.106 %
J-11	JUNCTION	0.00	18.31	3 00:16	0	3.77	7.888 %
J-110	JUNCTION	3.51	6.92	2 12:05	0.312	1.11	0.702 %
J-113	JUNCTION	0.00	11.45	3 00:36	0	3.11	11.376 %
J-114	JUNCTION	0.00	16.89	2 19:09	0	3.87	1.860 %
J-118	JUNCTION	0.00	20.34	3 04:08	0	5	0.190 %
J-12	JUNCTION	0.00	18.63	3 01:37	0	3.29	2.354 %
J-121	JUNCTION	3.50	4.26	2 11:08	0.294	0.428	6.442 %
J-126	JUNCTION	7.84	7.84	2 12:15	0.844	0.91	0.217 %
J-126A	JUNCTION	0.00	3.07	2 15:57	0	0.176	0.000 %
J-127	JUNCTION	0.00	2.60	3 00:18	0	0.765	0.072 %
J-128	JUNCTION	0.00	3.29	3 00:18	0	0.773	0.235 %
J-129	JUNCTION	6.28	11.46	2 16:03	0.559	2.87	-6.016 %
J-130	JUNCTION	0.00	10.41	2 16:40	0	5.24	0.342 %
J-131	JUNCTION	0.00	7.15	2 15:17	0	5.06	0.304 %
J-132	JUNCTION	4.75	6.18	2 12:14	0.434	3.03	3.955 %

J-137	JUNCTION	0.00	3.58	3	01:03	0	2.55	7.538 %
J-139	JUNCTION	0.00	4.90	3	01:09	0	3	3.525 %
J-140	JUNCTION	0.00	4.91	3	00:59	0	2.62	4.798 %
J-147	JUNCTION	5.63	6.57	2	12:15	0.522	2.61	0.122 %
J-148	JUNCTION	0.00	6.90	3	00:15	0	2.54	2.626 %
J-149	JUNCTION	0.00	4.05	2	06:09	0	0.355	4.727 %
J-15	JUNCTION	1.01	23.37	2	23:50	0.0754	1.91	3.478 %
J-152	JUNCTION	4.84	4.84	2	12:15	0.447	2.22	0.455 %
J-153	JUNCTION	0.00	5.07	1	17:33	0	1.86	4.125 %
J-155	JUNCTION	0.00	4.28	3	01:30	0	1.79	6.806 %
J-156	JUNCTION	0.00	4.64	3	00:59	0	1.71	10.575 %
J-158	JUNCTION	7.76	26.73	3	01:30	0.917	3.47	-0.009 %
J-158A	JUNCTION	0.00	20.91	3	01:44	0	1.3	0.210 %
J-15A	JUNCTION	0.00	8.08	3	01:04	0	0.16	0.617 %
J-160	JUNCTION	0.00	9.75	3	01:08	0	2.15	1.913 %
J-161	JUNCTION	2.21	6.99	2	15:03	0.204	5.17	-0.372 %
J-162	JUNCTION	0.00	9.39	0	09:45	0	5.19	-0.373 %
J-163	JUNCTION	1.44	9.34	3	00:09	0.125	5.48	4.113 %
J-164	JUNCTION	0.00	6.98	2	15:49	0	5.45	3.084 %
J-165	JUNCTION	1.26	6.69	2	13:14	0.107	5.61	2.065 %
J-166	JUNCTION	2.38	8.32	1	09:39	0.222	5.75	0.113 %
J-167	JUNCTION	0.00	12.20	2	12:13	0	6.68	2.335 %
J-168	JUNCTION	0.00	4.84	0	23:42	0	1.36	10.851 %
J-169	JUNCTION	1.62	4.92	0	22:13	0.13	1.24	11.577 %
J-170	JUNCTION	1.48	3.32	1	19:04	0.115	0.612	17.189 %
J-174	JUNCTION	0.00	4.45	3	03:27	0	0.713	30.038 %
J-175	JUNCTION	0.00	2.66	2	11:25	0	0.261	55.025 %
J-176	JUNCTION	0.00	5.14	2	06:30	0	1.58	4.108 %
J-179	JUNCTION	0.00	8.42	3	03:34	0	2.2	-2.223 %
J-18	JUNCTION	3.08	32.41	2	22:58	0.268	2.17	1.528 %
J-180	JUNCTION	2.72	18.43	2	11:23	0.231	0.877	0.313 %
J-180A	JUNCTION	0.00	14.41	2	11:23	0	0.597	-2.713 %
J-185	JUNCTION	4.77	19.72	3	00:29	0.447	1.43	0.485 %
J-185A	JUNCTION	0.00	17.61	3	00:29	0	0.784	-0.483 %
J-188	JUNCTION	4.97	23.77	3	01:49	0.445	0.862	0.564 %
J-188A	JUNCTION	0.00	14.69	2	11:30	0	0.501	8.775 %
J-191	JUNCTION	3.62	23.15	2	11:01	0.306	1.58	0.140 %
J-191A	JUNCTION	0.00	18.74	2	11:01	0	1.32	0.000 %
J-195	JUNCTION	0.00	28.82	2	11:19	0	1.59	0.491 %
J-195A	JUNCTION	0.00	24.40	2	11:19	0	1.24	-3.075 %
J-198	JUNCTION	6.03	7.25	2	12:15	0.613	1.37	7.103 %
J-199	JUNCTION	0.00	4.33	2	07:50	0	1.26	6.351 %
J-19A	JUNCTION	0.00	27.90	2	22:59	0	0.58	-0.256 %
J-203	JUNCTION	2.32	7.18	3	04:11	0.216	1.48	-0.973 %
J-204	JUNCTION	0.00	5.96	1	12:56	0	1.28	1.353 %
J-206	JUNCTION	0.00	5.12	3	05:39	0	1.57	6.960 %
J-208	JUNCTION	1.95	7.53	3	03:57	0.177	2.27	0.000 %
J-209	JUNCTION	3.35	4.21	2	09:24	0.334	0.998	13.764 %
J-212	JUNCTION	0.00	3.70	3	05:23	0	0.838	15.629 %
J-213	JUNCTION	2.54	15.24	3	03:57	0.24	1.42	0.124 %
J-213A	JUNCTION	0.00	12.95	3	04:55	0	1.04	0.319 %
J-217	JUNCTION	4.00	5.77	2	12:15	0.345	0.796	-10.214 %
J-218	JUNCTION	0.00	9.39	2	10:30	0	1.5	7.970 %
J-222	JUNCTION	0.00	22.25	2	10:13	0	2.04	-1.013 %
J-223	JUNCTION	3.62	33.06	2	11:32	0.329	3.29	-0.036 %
J-223A	JUNCTION	0.00	26.80	2	10:14	0	1.46	0.090 %
J-225	JUNCTION	0.00	4.04	2	07:37	0	1.1	6.804 %
J-226	JUNCTION	2.46	5.27	3	05:08	0.188	1.21	4.160 %
J-232	JUNCTION	0.00	4.07	3	05:09	0	1.18	8.996 %
J-233	JUNCTION	3.01	7.29	2	23:15	0.249	1.46	8.353 %
J-235	JUNCTION	0.00	11.50	3	01:33	0	3.56	1.169 %
J-238	JUNCTION	2.85	15.27	2	05:29	0.235	3.3	8.174 %
J-24	JUNCTION	0.00	6.80	3	01:33	0	0.7	10.930 %
J-242	JUNCTION	1.95	10.17	1	23:22	0.177	0.618	18.952 %
J-244	JUNCTION	2.00	4.48	2	02:08	0.182	0.473	2.511 %
J-247	JUNCTION	3.65	5.41	1	09:18	0.306	1.09	4.163 %
J-248	JUNCTION	0.00	17.84	2	03:00	0	1.55	5.411 %
J-249	JUNCTION	4.88	20.27	1	23:29	0.428	4.41	1.757 %
J-25	JUNCTION	3.89	41.76	2	23:46	0.398	2.01	0.740 %
J-253	JUNCTION	3.58	3.74	2	12:09	0.29	0.573	-8.484 %
J-254	JUNCTION	0.00	4.74	1	10:37	0	0.969	3.775 %
J-256	JUNCTION	4.90	4.90	2	12:15	0.425	1.28	-17.875 %
J-259	JUNCTION	0.00	3.26	0	17:44	0	1.22	-0.028 %
J-25A	JUNCTION	0.00	24.78	3	00:09	0	0.583	0.041 %
J-260	JUNCTION	0.00	3.11	2	05:30	0	1.03	0.149 %
J-261	JUNCTION	0.00	5.10	2	13:35	0	2.15	-0.144 %
J-261-WEIR	JUNCTION	0.00	5.10	2	13:35	0	1.49	-1.045 %
J-262	JUNCTION	0.00	5.10	2	13:35	0	1.54	-0.387 %
J-266	JUNCTION	3.23	11.61	2	05:59	0.267	1.86	-2.126 %
J-267	JUNCTION	2.98	6.92	2	10:08	0.29	1.83	-2.080 %

J-268	JUNCTION	0.00	28.17	1	16:12	0	4.81	-2.599 %
J-268-WEIR	JUNCTION	0.00	23.47	2	07:36	0	0.453	-3.334 %
J-269	JUNCTION	0.00	13.28	2	06:46	0	3.65	1.431 %
J-27	JUNCTION	3.11	28.37	3	00:29	0.305	1.16	0.933 %
J-271	JUNCTION	0.00	11.11	0	00:00	0	0.00334	80.905 %
J-275	JUNCTION	0.00	35.20	2	05:00	0	4.17	2.525 %
J-278	JUNCTION	0.00	4.50	2	20:54	0	1.47	0.151 %
J-27A	JUNCTION	0.00	20.19	3	00:18	0	0.46	0.307 %
J-280	JUNCTION	0.00	4.18	2	14:04	0	1.77	4.864 %
J-281	JUNCTION	0.00	5.22	2	01:44	0	1.77	4.337 %
J-282	JUNCTION	3.39	5.28	2	02:30	0.317	1.89	-1.542 %
J-283	JUNCTION	0.00	6.39	2	01:42	0	1.88	1.581 %
J-284	JUNCTION	0.00	16.09	0	23:56	0	3.57	0.049 %
J-284-WEIR	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J-285	JUNCTION	0.00	33.35	1	13:47	0	6.13	-0.404 %
J-286	JUNCTION	0.00	26.33	2	04:51	0	4.39	-2.482 %
J-288	JUNCTION	1.97	22.04	3	01:21	0.179	1.93	-0.267 %
J-288A	JUNCTION	0.00	21.18	3	01:21	0	0.946	-0.145 %
J-290	JUNCTION	6.17	11.99	2	18:11	0.601	1.61	5.041 %
J-290A	JUNCTION	0.00	10.12	2	18:12	0	0.373	0.000 %
J-293	JUNCTION	0.00	8.00	1	23:29	0	1.84	4.661 %
J-295	JUNCTION	0.00	7.96	2	08:58	0	1.78	-0.558 %
J-296	JUNCTION	1.23	7.18	2	01:17	0.104	1.85	3.280 %
J-297	JUNCTION	0.00	22.03	2	00:58	0	2.06	3.477 %
J-30	JUNCTION	0.00	3.41	3	01:16	0	0.652	11.451 %
J-300	JUNCTION	1.24	20.80	2	00:58	0.105	4.72	-4.120 %
J-301	JUNCTION	0.00	15.23	3	05:15	0	4.08	0.364 %
J-304	JUNCTION	0.00	16.58	2	10:35	0	3.1	-0.529 %
J-305	JUNCTION	3.31	24.05	2	10:35	0.286	3.09	1.019 %
J-31	JUNCTION	3.31	30.38	3	00:27	0.311	1.43	0.480 %
J-310	JUNCTION	3.21	10.92	2	08:18	0.273	2.93	0.788 %
J-312	JUNCTION	0.00	14.49	2	07:46	0	3.47	1.176 %
J-314	JUNCTION	3.04	20.37	2	20:10	0.277	0.925	-0.340 %
J-314A	JUNCTION	0.00	17.50	2	20:52	0	0.416	0.476 %
J-317	JUNCTION	2.57	4.68	3	04:35	0.243	1.73	3.704 %
J-31A	JUNCTION	0.00	24.12	3	00:28	0	0.653	-0.361 %
J-321	JUNCTION	2.56	20.58	2	20:32	0.222	1.01	0.077 %
J-321A	JUNCTION	0.00	19.32	2	20:48	0	0.597	0.266 %
J-323	JUNCTION	0.00	3.34	3	04:22	0	0.765	7.167 %
J-324	JUNCTION	3.85	27.40	2	20:55	0.349	1.19	0.205 %
J-324A	JUNCTION	0.00	19.06	2	20:55	0	0.728	0.114 %
J-327	JUNCTION	0.00	6.96	3	00:20	0	0.521	14.256 %
J-328	JUNCTION	2.51	13.17	3	00:12	0.245	0.448	5.376 %
J-328A	JUNCTION	0.00	10.63	3	00:13	0	0.12	-0.278 %
J-33	JUNCTION	0.00	7.92	3	01:33	0	1.93	2.492 %
J-333	JUNCTION	0.00	2.77	3	01:44	0	0.952	21.721 %
J-334	JUNCTION	0.00	4.12	3	01:06	0	0.993	12.473 %
J-335	JUNCTION	0.00	3.29	3	01:30	0	0.958	19.026 %
J-341	JUNCTION	6.87	19.94	2	11:03	0.658	1.68	0.253 %
J-341A	JUNCTION	0.00	20.45	2	11:03	0	1.32	0.000 %
J-342	JUNCTION	6.77	10.75	2	12:15	0.63	1.38	-0.529 %
J-343	JUNCTION	0.00	4.99	3	00:30	0	0.993	3.958 %
J-348	JUNCTION	0.00	3.11	2	11:25	0	0.999	18.806 %
J-351	JUNCTION	3.65	16.83	3	01:01	0.347	1.6	0.240 %
J-351A	JUNCTION	0.00	10.05	3	00:58	0	1.3	0.043 %
J-354	JUNCTION	3.51	11.10	2	23:17	0.344	1.67	5.605 %
J-354A	JUNCTION	0.00	28.40	2	21:03	0	2.04	5.479 %
J-354B	JUNCTION	0.00	20.21	3	00:41	0	1.87	1.411 %
J-355	JUNCTION	4.42	26.46	3	02:12	0.363	1.23	0.000 %
J-355A	JUNCTION	0.00	25.12	3	02:12	0	0.821	0.319 %
J-359	JUNCTION	0.00	7.39	3	00:01	0	0.817	-0.232 %
J-36	JUNCTION	0.00	5.62	3	01:03	0	1.4	5.636 %
J-362	JUNCTION	0.00	4.24	3	00:22	0	0.67	0.573 %
J-363	JUNCTION	2.87	5.26	1	19:55	0.315	1.06	0.922 %
J-364	JUNCTION	0.00	5.93	1	00:53	0	1.09	1.882 %
J-367	JUNCTION	0.00	5.95	1	04:14	0	1.4	16.935 %
J-368	JUNCTION	5.02	7.20	3	00:44	0.537	1.58	-1.158 %
J-369	JUNCTION	0.00	5.20	2	23:18	0	1.27	6.026 %
J-374	JUNCTION	0.00	5.04	2	09:04	0	1.59	2.638 %
J-375	JUNCTION	0.00	8.26	3	01:00	0	1.6	-5.012 %
J-380	JUNCTION	3.24	30.22	3	00:03	0.321	3.44	-1.330 %
J-380A	JUNCTION	0.00	27.33	3	00:47	0	0.81	0.126 %
J-381	JUNCTION	0.00	6.58	3	00:07	0	3.56	-4.978 %
J-384	JUNCTION	4.97	13.70	3	03:19	0.501	5.29	-2.464 %
J-385	JUNCTION	0.00	16.11	3	03:19	0	4.17	0.728 %
J-388	JUNCTION	2.85	15.89	3	01:06	0.256	4.72	8.542 %
J-389	JUNCTION	0.00	8.62	2	05:28	0	1.58	2.660 %
J-393	JUNCTION	0.00	5.19	2	04:26	0	1.23	23.046 %
J-396	JUNCTION	3.99	4.45	3	01:26	0.408	1.27	15.039 %
J-399	JUNCTION	0.00	4.63	3	01:25	0	1.12	18.182 %

J-40	JUNCTION	3.04	67.82	3	01:20	0.297	1.76	-1.382 %
J-402	JUNCTION	4.99	21.73	3	00:10	0.513	1.04	-0.295 %
J-402A	JUNCTION	0.00	18.57	3	00:28	0	0.448	0.749 %
J-405	JUNCTION	0.00	3.94	3	00:45	0	0.791	11.599 %
J-407	JUNCTION	0.00	4.56	2	23:50	0	0.863	10.923 %
J-409	JUNCTION	0.00	5.29	2	23:58	0	1.06	3.246 %
J-40A	JUNCTION	0.00	17.77	3	01:11	0	0.397	0.786 %
J-40B	JUNCTION	0.00	17.26	3	01:11	0	0.475	0.650 %
J-40C	JUNCTION	0.00	17.61	3	01:19	0	0.621	-1.157 %
J-410	JUNCTION	3.23	11.61	3	00:19	0.303	1.48	9.369 %
J-412	JUNCTION	0.00	8.80	3	00:01	0	2.82	1.655 %
J-414	JUNCTION	0.00	7.89	2	22:45	0	1.5	3.222 %
J-415	JUNCTION	3.86	33.99	2	21:39	0.362	1.64	1.632 %
J-415A	JUNCTION	0.00	26.17	2	21:39	0	0.652	-0.241 %
J-415B	JUNCTION	0.00	9.87	2	21:40	0	0.144	-0.129 %
J-416	JUNCTION	0.00	9.14	2	23:06	0	1.43	1.491 %
J-417	JUNCTION	0.00	14.82	3	00:05	0	5.81	-2.036 %
J-42	JUNCTION	2.47	25.28	2	10:03	0.212	1.69	-0.775 %
J-421	JUNCTION	4.82	9.87	3	03:19	0.528	2.45	0.782 %
J-422	JUNCTION	2.41	17.31	2	23:38	0.232	1.1	0.269 %
J-422A	JUNCTION	0.00	13.44	2	23:38	0	0.708	0.172 %
J-423	JUNCTION	7.94	39.83	2	23:54	0.774	7.25	-2.904 %
J-423A	JUNCTION	0.00	29.08	3	00:28	0	2.48	0.956 %
J-424	JUNCTION	0.00	5.31	2	23:37	0	1.46	7.913 %
J-427	JUNCTION	0.00	4.44	1	22:48	0	1.49	8.969 %
J-42A	JUNCTION	0.00	22.55	2	10:03	0	0.526	-0.102 %
J-430	JUNCTION	5.11	23.27	3	00:16	0.49	2.32	-1.627 %
J-430A	JUNCTION	0.00	20.04	2	22:55	0	1.59	0.414 %
J-431	JUNCTION	4.11	38.47	0	22:15	0.41	3.65	0.547 %
J-431A	JUNCTION	0.00	29.13	1	20:39	0	2.29	-0.061 %
J-432	JUNCTION	0.00	21.42	0	09:40	0	1.5	4.699 %
J-432B	JUNCTION	0.00	8.09	0	21:43	0	0.413	0.242 %
J-433	JUNCTION	0.00	7.19	0	17:06	0	1.32	12.369 %
J-434	JUNCTION	0.00	8.34	0	08:32	0	1.59	8.367 %
J-435	JUNCTION	0.00	8.14	0	15:19	0	1.2	2.084 %
J-436	JUNCTION	0.00	8.33	3	00:50	0	1.45	-3.684 %
J-437	JUNCTION	4.11	10.21	2	12:08	0.425	2.1	-7.215 %
J-438	JUNCTION	3.55	3.86	0	21:38	0.322	0.871	-19.084 %
J-439	JUNCTION	0.00	7.08	1	15:20	0	2.47	8.694 %
J-440	JUNCTION	3.98	18.23	2	12:35	0.404	9.3	0.203 %
J-441	JUNCTION	0.00	5.59	3	02:34	0	1.56	-0.585 %
J-444	JUNCTION	0.00	45.70	2	21:06	0	4.07	3.920 %
J-444-WEIR	JUNCTION	0.00	31.43	2	12:34	0	1.85	-7.343 %
J-445	JUNCTION	1.24	22.85	2	18:13	0.0948	4.65	-0.824 %
J-448	JUNCTION	0.00	17.91	0	20:37	0	6.34	2.840 %
J-450	JUNCTION	0.00	22.02	2	23:13	0	5.1	4.306 %
J-454	JUNCTION	0.00	17.99	0	20:38	0	6.51	2.347 %
J-455	JUNCTION	0.00	19.67	2	07:06	0	6.67	-0.039 %
J-459	JUNCTION	5.95	37.49	0	14:13	0.631	9.92	1.078 %
J-459A	JUNCTION	0.00	27.24	0	17:59	0	3.08	0.000 %
J-460-NEW	JUNCTION	0.00	31.30	1	16:55	0	8.52	-0.015 %
J-463	JUNCTION	0.00	27.48	1	22:20	0	9.08	0.139 %
J-466	JUNCTION	0.00	127.27	2	07:48	0	23.6	-0.181 %
J-468	JUNCTION	0.00	19.93	0	10:32	0	5.73	0.372 %
J-47	JUNCTION	1.06	14.02	2	13:15	0.183	4.37	9.917 %
J-470	JUNCTION	0.79	58.35	3	00:25	0.169	14.6	-3.477 %
J-471	JUNCTION	0.00	82.79	0	15:02	0	18.3	-11.688 %
J-478	JUNCTION	0.00	77.65	0	08:26	0	16.7	-7.160 %
J-479	JUNCTION	0.69	74.87	3	00:26	0.14	16.4	-2.203 %
J-480	JUNCTION	0.93	47.74	0	11:22	0.157	12.2	-7.382 %
J-481	JUNCTION	2.82	35.11	0	11:22	0.239	10.4	-5.056 %
J-482	JUNCTION	1.95	26.10	1	17:02	0.201	9.7	-6.313 %
J-484	JUNCTION	0.00	17.76	3	00:32	0	3.14	3.115 %
J-485	JUNCTION	0.00	19.80	1	18:51	0	3.15	7.620 %
J-486	JUNCTION	0.00	31.35	0	14:36	0	10.5	2.928 %
J-487	JUNCTION	2.29	22.76	1	15:28	0.221	8.22	1.382 %
J-489	JUNCTION	3.05	20.21	0	20:59	0.287	7.58	-3.866 %
J-491	JUNCTION	0.00	15.78	3	05:11	0	7.22	2.092 %
J-492	JUNCTION	0.00	10.96	2	18:20	0	7.15	4.172 %
J-493	JUNCTION	0.78	22.40	2	19:48	0.147	10.5	7.093 %
J-495	JUNCTION	0.00	17.27	2	13:55	0	6.65	8.064 %
J-497	JUNCTION	1.52	9.77	2	12:15	0.171	2.2	8.011 %
J-498	JUNCTION	3.61	20.04	2	16:57	0.416	1.24	-3.751 %
J-498A	JUNCTION	0.00	19.36	2	16:57	0	0.665	0.539 %
J-499	JUNCTION	0.00	7.97	2	15:26	0	0.804	2.154 %
J-5	JUNCTION	7.34	28.85	3	00:40	0.665	4.46	0.214 %
J-50	JUNCTION	0.00	9.58	2	14:09	0	3.49	14.837 %
J-500	JUNCTION	0.00	9.58	2	19:20	0	0.793	6.380 %
J-505	JUNCTION	0.00	8.18	2	11:56	0	0.797	11.439 %
J-508	JUNCTION	5.35	13.27	2	12:09	0.632	1.18	5.968 %

J-51	JUNCTION	0.00	29.72	2	13:09	0	5.72	17.524	%
J-512	JUNCTION	1.31	10.93	2	12:10	0.148	1.04	6.058	%
J-518	JUNCTION	1.36	9.48	2	12:07	0.153	1.13	3.305	%
J-53	JUNCTION	0.00	3.16	3	05:42	0	0.0374	-2.709	%
J-534	JUNCTION	3.18	5.89	2	12:15	0.359	3.33	-0.697	%
J-537	JUNCTION	0.00	9.68	1	21:23	0	3.11	-0.184	%
J-539	JUNCTION	1.29	65.16	0	07:58	0.151	6.83	0.102	%
J-539-WEIR	JUNCTION	0.00	145.51	2	08:11	0	6.7	-8.716	%
J-539A	JUNCTION	0.00	150.73	3	03:16	0	8.47	0.000	%
J-54	JUNCTION	3.88	14.29	3	05:43	0.399	0.894	6.222	%
J-541	JUNCTION	3.28	6.18	2	12:05	0.293	1.07	-3.095	%
J-544	JUNCTION	1.10	9.05	3	02:17	0.198	3.53	17.195	%
J-548	JUNCTION	0.00	32.45	2	13:21	0	6.24	-6.960	%
J-54A	JUNCTION	0.00	9.82	3	01:11	0	0.324	3.136	%
J-54B	JUNCTION	0.00	5.99	2	11:45	0	0.185	-0.007	%
J-550	JUNCTION	0.69	25.55	2	17:36	0.123	5.67	-13.158	%
J-553	JUNCTION	0.00	19.95	0	00:02	0	5.8	14.675	%
J-554	JUNCTION	0.00	32.88	0	09:10	0	27.3	0.801	%
J-555	JUNCTION	3.04	41.16	2	10:14	0.356	27.9	-0.526	%
J-557	JUNCTION	2.39	14.20	2	20:59	0.223	22.9	-0.330	%
J-558	JUNCTION	0.00	19.32	0	08:52	0	23	-0.303	%
J-559	JUNCTION	1.57	30.06	2	13:35	0.138	23.3	0.453	%
J-560	JUNCTION	0.00	28.59	2	14:30	0	23.3	0.508	%
J-561	JUNCTION	0.00	82.21	0	00:00	0	23.3	0.044	%
J-563	JUNCTION	3.82	33.05	3	00:29	0.338	1.92	0.824	%
J-563A	JUNCTION	0.00	27.98	2	19:58	0	1.03	0.000	%
J-565	JUNCTION	0.00	14.09	3	01:50	0	3.34	16.828	%
J-566	JUNCTION	0.00	126.66	2	19:36	0	3.22	18.207	%
J-566-WEIR	JUNCTION	0.00	106.83	2	22:21	0	0.625	-45.953	%
J-567	JUNCTION	0.00	10.21	2	15:54	0	1.08	1.098	%
J-568	JUNCTION	0.00	11.51	3	00:28	0	1.12	2.962	%
J-569	JUNCTION	0.00	11.62	2	18:05	0	1.15	1.927	%
J-570	JUNCTION	0.00	21.19	2	22:21	0	1.38	-7.105	%
J-571	JUNCTION	8.53	45.71	2	15:21	0.907	1.13	0.666	%
J-571A	JUNCTION	0.00	17.07	2	15:21	0	0.106	2.928	%
J-571B	JUNCTION	0.00	16.88	2	15:21	0	0.21	1.430	%
J-572A	JUNCTION	0.00	2.37	2	09:33	0	0.124	1.475	%
J-572B	JUNCTION	0.00	1.93	2	08:51	0	0.0627	0.000	%
J-575	JUNCTION	0.00	61.46	0	00:00	0	1.77	0.221	%
J-576	JUNCTION	0.00	5.05	3	01:59	0	1.41	2.234	%
J-577	JUNCTION	0.00	6.00	1	09:17	0	2.49	-0.361	%
J-578	JUNCTION	0.00	5.71	3	01:56	0	2.08	7.651	%
J-58	JUNCTION	2.36	26.28	3	05:29	0.226	0.952	1.486	%
J-581	JUNCTION	0.00	3.95	3	01:39	0	2.01	0.000	%
J-585	JUNCTION	6.51	29.32	3	01:31	0.606	2.07	-1.674	%
J-585B	JUNCTION	0.00	27.42	3	01:31	0	1.21	0.736	%
J-588	JUNCTION	0.00	5.32	1	22:00	0	1.18	23.456	%
J-58A	JUNCTION	0.00	21.07	3	05:29	0	0.107	2.396	%
J-59	JUNCTION	3.66	43.30	2	10:59	0.333	0.947	0.033	%
J-591	JUNCTION	5.01	43.29	3	02:20	0.436	2.43	-0.042	%
J-591A	JUNCTION	0.00	17.97	2	09:49	0	0.348	1.341	%
J-591B	JUNCTION	0.00	17.97	2	09:49	0	0.338	1.382	%
J-596	JUNCTION	0.00	2.14	3	00:39	0	0.0317	46.758	%
J-596A	JUNCTION	0.00	11.02	2	10:08	0	0.432	-10.715	%
J-598	JUNCTION	6.85	33.30	2	14:42	0.589	2.29	0.146	%
J-598A	JUNCTION	0.00	11.34	2	11:57	0	0.699	-0.165	%
J-598B	JUNCTION	0.00	11.34	2	11:57	0	0.766	-0.151	%
J-59A	JUNCTION	0.00	19.74	3	04:13	0	0.429	1.344	%
J-59B	JUNCTION	0.00	19.74	3	04:13	0	0.297	0.768	%
J-5A	JUNCTION	0.00	25.17	3	01:26	0	1.76	-0.541	%
J-6	JUNCTION	0.00	14.04	2	22:50	0	2.19	5.900	%
J-60	JUNCTION	0.00	6.15	2	10:42	0	0.54	0.572	%
J-601	JUNCTION	0.00	5.44	2	14:35	0	1.24	19.714	%
J-602	JUNCTION	0.00	6.75	1	22:44	0	1.34	13.804	%
J-603	JUNCTION	0.00	8.54	2	12:41	0	3.15	-1.431	%
J-604	JUNCTION	0.00	6.93	2	13:16	0	2.51	0.358	%
J-606	JUNCTION	2.77	12.55	2	14:25	0.266	2.28	4.268	%
J-607	JUNCTION	0.00	7.98	0	08:35	0	1.99	7.162	%
J-609	JUNCTION	0.00	8.32	2	14:35	0	2.3	11.479	%
J-61	JUNCTION	2.47	14.65	3	03:46	0.205	1.61	4.572	%
J-611	JUNCTION	6.92	12.20	0	22:44	0.803	2.46	-0.131	%
J-611A	JUNCTION	0.00	4.75	2	11:58	0	0.149	-5.805	%
J-611B	JUNCTION	0.00	11.99	0	22:47	0	1.34	-0.729	%
J-613	JUNCTION	0.00	3.98	2	11:04	0	1.19	11.434	%
J-615	JUNCTION	0.00	4.99	2	22:29	0	1.12	11.769	%
J-618	JUNCTION	2.27	3.64	3	03:16	0.211	0.879	24.421	%
J-61A	JUNCTION	0.00	9.37	3	03:48	0	0.955	1.892	%
J-623	JUNCTION	0.00	10.74	3	01:13	0	1	12.360	%
J-624	JUNCTION	3.98	31.27	3	00:29	0.409	2.38	-0.598	%
J-624A	JUNCTION	0.00	30.36	3	01:48	0	1.26	1.058	%

J-626	JUNCTION	0.00	8.13	3	04:16	0	1.83	3.638 %
J-629	JUNCTION	4.17	4.99	3	00:29	0.374	1.12	9.138 %
J-63	JUNCTION	5.36	8.71	3	01:27	0.541	1.37	0.536 %
J-632	JUNCTION	1.93	3.08	2	10:55	0.174	0.767	24.673 %
J-633	JUNCTION	3.48	12.79	3	03:49	0.32	1.98	2.913 %
J-637	JUNCTION	1.06	7.87	2	10:48	0.0888	1.13	6.928 %
J-64	JUNCTION	0.00	6.90	3	01:31	0	0.819	4.469 %
J-640	JUNCTION	2.63	4.58	2	12:15	0.251	1.01	18.518 %
J-647	JUNCTION	2.07	32.74	3	01:13	0.206	2.47	1.551 %
J-647A	JUNCTION	0.00	25.62	3	01:13	0	0.822	0.465 %
J-647B	JUNCTION	0.00	7.48	3	01:14	0	0.949	-1.795 %
J-650	JUNCTION	0.00	17.81	2	22:47	0	3.56	1.838 %
J-653	JUNCTION	3.96	10.79	2	22:40	0.407	0.758	4.637 %
J-653A	JUNCTION	0.00	9.81	2	22:41	0	0.205	0.000 %
J-654	JUNCTION	4.65	29.89	3	01:33	0.409	1.17	0.241 %
J-654A	JUNCTION	0.00	27.84	3	01:32	0	0.64	0.000 %
J-657	JUNCTION	2.32	8.59	2	22:30	0.185	1.6	6.163 %
J-659	JUNCTION	1.38	14.04	2	23:31	0.101	2.21	1.918 %
J-663	JUNCTION	8.44	11.11	2	12:15	0.855	3.28	4.012 %
J-665	JUNCTION	3.26	11.19	2	06:37	0.288	3.42	1.657 %
J-666	JUNCTION	0.00	16.64	0	20:53	0	5.56	5.495 %
J-67	JUNCTION	3.01	5.10	3	01:12	0.245	1.98	0.000 %
J-670	JUNCTION	0.00	15.01	3	02:00	0	2.72	9.416 %
J-672	JUNCTION	3.74	6.92	3	00:42	0.38	4.94	0.055 %
J-673	JUNCTION	0.00	77.91	3	00:27	0	4.79	-9.685 %
J-673A	JUNCTION	0.00	16.85	3	00:27	0	0.187	4.128 %
J-678	JUNCTION	5.38	9.16	1	07:56	0.521	3.02	9.993 %
J-67A	JUNCTION	0.00	4.36	3	01:07	0	0.79	19.186 %
J-682	JUNCTION	2.61	4.26	2	12:11	0.249	0.265	0.181 %
J-684	JUNCTION	1.96	3.02	2	15:43	0.178	0.442	-1.277 %
J-686	JUNCTION	0.00	3.05	2	11:52	0	0.432	0.661 %
J-687	JUNCTION	2.31	4.11	2	11:54	0.222	0.653	0.860 %
J-691	JUNCTION	0.00	7.06	2	14:53	0	0.661	-1.307 %
J-692	JUNCTION	0.00	7.47	2	14:53	0	0.668	0.179 %
J-692-WEIR	JUNCTION	0.00	4.94	0	00:00	0	0.108	0.432 %
J-693	JUNCTION	0.00	8.11	0	00:00	0	0.128	0.408 %
J-697	JUNCTION	0.00	4.51	1	14:41	0	1.11	22.788 %
J-7	JUNCTION	0.00	9.91	2	10:14	0	1.98	14.663 %
J-700	JUNCTION	3.58	4.38	1	09:57	0.36	1.34	-5.269 %
J-701	JUNCTION	0.00	11.37	0	00:00	0	2.69	3.852 %
J-702	JUNCTION	0.00	11.93	0	00:00	0	7.3	-0.629 %
J-705	JUNCTION	0.00	5.59	2	12:15	0	1.67	6.739 %
J-707	JUNCTION	0.00	5.50	2	12:40	0	1.48	5.761 %
J-710	JUNCTION	4.21	4.21	2	12:15	0.437	0.804	-13.950 %
J-712	JUNCTION	3.01	5.19	2	13:17	0.344	0.477	-21.236 %
J-714	JUNCTION	3.48	7.68	2	14:17	0.401	1.22	-2.096 %
J-719	JUNCTION	2.19	6.30	2	12:46	0.248	1.6	-3.291 %
J-72	JUNCTION	0.00	11.84	2	22:32	0	2.98	0.998 %
J-721	JUNCTION	0.00	7.58	3	00:48	0	2.13	1.317 %
J-725	JUNCTION	0.00	14.66	2	13:16	0	1.56	-7.728 %
J-728	JUNCTION	2.78	12.15	3	05:57	0.318	2.17	-6.561 %
J-73	JUNCTION	0.00	5.22	3	01:34	0	1.59	10.715 %
J-734	JUNCTION	1.88	47.96	3	00:48	0.213	8.7	-3.402 %
J-734A	JUNCTION	0.00	24.50	3	00:48	0	2.79	-1.045 %
J-734B	JUNCTION	0.00	24.50	3	00:48	0	2.64	-1.261 %
J-735	JUNCTION	0.00	33.13	3	00:47	0	3.97	-6.341 %
J-736	JUNCTION	0.00	10.48	3	05:11	0	2.6	-8.503 %
J-74	JUNCTION	3.43	6.19	3	01:25	0.31	1.45	7.466 %
J-740	JUNCTION	0.00	3.58	3	04:10	0	0.517	16.091 %
J-741	JUNCTION	0.00	6.29	3	03:01	0	0.583	13.630 %
J-744	JUNCTION	0.00	8.92	3	03:32	0	0.749	10.424 %
J-745	JUNCTION	0.00	21.28	3	03:53	0	1.54	1.460 %
J-745A	JUNCTION	0.00	15.21	3	03:53	0	1.11	-0.061 %
J-748	JUNCTION	0.00	53.67	0	18:40	0	6.36	23.683 %
J-748-WEIR-STANTEC	JUNCTION	0.00	69.55	0	21:48	0	3.1	-46.814 %
J-748A	JUNCTION	0.00	18.41	0	08:57	0	2.35	-0.868 %
J-749	JUNCTION	0.00	8.72	2	08:59	0	2.51	6.069 %
J-750	JUNCTION	1.74	30.60	2	08:04	0.16	7.52	2.960 %
J-750A	JUNCTION	0.00	20.97	0	15:34	0	2.28	0.492 %
J-751	JUNCTION	0.00	14.32	0	08:28	0	3.53	3.583 %
J-752	JUNCTION	0.00	78.49	0	18:40	0	7.48	9.767 %
J-753	JUNCTION	0.00	8.04	3	00:15	0	2.48	-1.219 %
J-754	JUNCTION	2.32	25.51	0	13:47	0.223	3.29	-3.417 %
J-754-WEIR-STANTEC	JUNCTION	0.00	99.11	3	05:30	0	4.91	-46.203 %
J-754A	JUNCTION	0.00	23.98	0	12:05	0	2.37	0.053 %
J-755	JUNCTION	0.00	9.83	2	09:35	0	1.44	16.254 %
J-757	JUNCTION	3.83	14.82	2	10:50	0.342	2.12	-0.956 %
J-760	JUNCTION	0.00	15.74	3	03:57	0	1	2.625 %
J-761	JUNCTION	0.00	6.61	2	11:44	0	2.08	0.248 %
J-763	JUNCTION	4.65	19.18	2	12:35	0.478	8.53	3.357 %

J-764	JUNCTION	0.00	12.28	3	02:12	0	2.25	14.486	%
J-766	JUNCTION	1.82	17.19	2	12:02	0.206	0.869	-5.376	%
J-766A	JUNCTION	0.00	17.22	2	12:03	0	0.388	-0.642	%
J-768	JUNCTION	0.00	5.64	2	13:46	0	0.992	-5.148	%
J-769	JUNCTION	0.00	5.23	2	13:12	0	1.09	-0.138	%
J-77	JUNCTION	2.68	34.46	3	01:35	0.28	4	0.305	%
J-771	JUNCTION	0.00	8.56	1	08:55	0	1.18	-1.881	%
J-772	JUNCTION	0.00	8.11	3	05:58	0	1.37	-6.434	%
J-774	JUNCTION	0.00	5.97	2	16:09	0	1	-1.009	%
J-776	JUNCTION	1.69	6.42	3	05:37	0.191	1.07	-2.322	%
J-778	JUNCTION	0.00	4.38	2	11:10	0	0.884	-5.905	%
J-77A	JUNCTION	0.00	34.85	2	23:49	0	2.77	-2.778	%
J-77B	JUNCTION	0.00	22.70	3	01:28	0	0.809	0.000	%
J-780	JUNCTION	0.00	5.23	2	12:16	0	1.1	-7.365	%
J-782	JUNCTION	0.00	3.13	2	12:04	0	0.676	-0.979	%
J-784	JUNCTION	2.98	2.98	2	12:15	0.336	0.784	-5.708	%
J-786	JUNCTION	0.00	3.39	2	12:16	0	0.6	-2.471	%
J-788	JUNCTION	0.00	3.37	2	12:35	0	0.589	-7.935	%
J-790	JUNCTION	0.00	3.14	2	14:46	0	0.607	-6.268	%
J-792	JUNCTION	0.00	4.97	2	11:18	0	0.666	-20.768	%
J-793	JUNCTION	0.99	5.19	2	18:30	0.112	0.266	-7.390	%
J-795	JUNCTION	0.00	3.53	2	11:53	0	0.591	-4.079	%
J-799	JUNCTION	0.00	8.29	2	11:32	0	1.56	0.888	%
J-799-WEIR-EAC	JUNCTION	0.00	21.96	3	00:38	0	2.12	0.000	%
J-80	JUNCTION	5.13	6.44	2	22:32	0.451	1.38	13.319	%
J-800	JUNCTION	0.00	12.34	2	14:07	0	2.51	0.114	%
J-802	JUNCTION	0.00	7.06	2	08:46	0	1.31	2.510	%
J-806	JUNCTION	0.00	6.60	2	15:57	0	1.82	0.602	%
J-809	JUNCTION	0.70	21.25	2	13:33	0.063	2.69	-0.150	%
J-810	JUNCTION	0.00	11.26	2	13:33	0	0.907	1.443	%
J-813	JUNCTION	0.00	7.63	2	15:34	0	0.879	2.167	%
J-816	JUNCTION	3.90	5.49	2	15:55	0.4	0.898	0.957	%
J-819	JUNCTION	0.00	5.85	2	15:55	0	0.468	2.677	%
J-82	JUNCTION	0.00	8.75	3	01:14	0	0.954	38.612	%
J-822	JUNCTION	3.46	3.46	2	12:15	0.349	0.379	-1.033	%
J-826	JUNCTION	3.21	4.78	2	12:05	0.32	0.387	-2.111	%
J-829	JUNCTION	0.00	6.87	2	15:58	0	0.558	1.921	%
J-83	JUNCTION	3.01	32.30	3	01:21	0.298	4.01	0.000	%
J-831	JUNCTION	2.74	6.62	2	15:58	0.262	0.898	0.844	%
J-836	JUNCTION	2.83	7.93	2	15:59	0.272	1.16	1.061	%
J-838	JUNCTION	3.38	3.42	2	11:39	0.339	0.349	-2.189	%
J-83A	JUNCTION	0.00	39.77	2	23:49	0	3.04	4.466	%
J-84	JUNCTION	0.00	9.14	3	01:32	0	2.87	2.918	%
J-841	JUNCTION	0.00	4.77	2	14:43	0	0.386	2.404	%
J-844	JUNCTION	4.39	7.32	2	12:15	0.461	0.844	-0.697	%
J-848	JUNCTION	0.00	8.10	2	11:58	0	0.839	1.231	%
J-850	JUNCTION	0.00	8.85	2	12:08	0	0.856	4.671	%
J-851	JUNCTION	0.84	18.47	2	13:39	0.0716	3.44	0.397	%
J-856	JUNCTION	0.00	13.89	2	12:15	0	3.92	0.013	%
J-860	JUNCTION	0.66	5.73	2	12:15	0.052	0.541	0.103	%
J-863	JUNCTION	0.00	5.10	2	12:15	0	0.488	0.159	%
J-865	JUNCTION	2.29	5.09	2	12:15	0.213	0.488	0.171	%
J-868	JUNCTION	0.00	2.80	2	12:15	0	0.274	0.239	%
J-87	JUNCTION	0.00	5.30	2	11:52	0	1.31	19.236	%
J-870	JUNCTION	2.80	2.80	2	12:15	0.272	0.273	0.111	%
J-879	JUNCTION	5.04	11.63	2	12:16	0.569	5.09	0.695	%
J-88	JUNCTION	0.00	5.49	2	11:58	0	1.5	12.363	%
J-880	JUNCTION	2.32	16.69	2	22:38	0.263	5.13	-11.796	%
J-881	JUNCTION	0.00	15.43	2	00:37	0	5.53	6.380	%
J-882	JUNCTION	3.52	12.22	2	22:47	0.398	4.47	-0.943	%
J-883	JUNCTION	0.00	16.95	2	23:51	0	4.27	4.233	%
J-884	JUNCTION	0.00	58.87	2	23:50	0	3.67	-8.995	%
J-888	JUNCTION	0.00	6.39	3	03:32	0	0.841	3.103	%
J-889	JUNCTION	0.00	5.79	2	08:45	0	0.751	5.381	%
J-891	JUNCTION	1.97	9.18	3	03:29	0.181	1.35	4.408	%
J-892	JUNCTION	0.00	6.82	3	03:17	0	1.12	3.011	%
J-894	JUNCTION	1.33	4.94	2	09:02	0.126	1.17	5.373	%
J-896	JUNCTION	0.00	4.46	2	10:58	0	1.16	5.731	%
J-899	JUNCTION	4.00	25.99	3	03:13	0.413	1.02	0.813	%
J-899A	JUNCTION	0.00	19.39	2	11:49	0	0.636	-0.838	%
J-902	JUNCTION	0.00	15.07	3	01:05	0	2.44	-0.793	%
J-903	JUNCTION	1.83	38.97	2	21:19	0.179	8.71	8.299	%
J-903A	JUNCTION	0.00	15.87	2	21:19	0	1.55	-0.104	%
J-910	JUNCTION	3.46	4.29	0	00:00	0.347	0.347	0.147	%
J-912	JUNCTION	6.19	6.19	2	12:15	0.699	0.7	0.125	%
J-917	JUNCTION	0.00	13.43	1	23:21	0	0.8	-5.006	%
J-918	JUNCTION	5.95	13.94	0	08:15	0.499	2.14	-2.081	%
J-920	JUNCTION	0.00	60.37	0	00:00	0	22.7	0.026	%
J-934	JUNCTION	1.71	24.54	3	04:08	0.167	1.6	0.060	%
J-934A	JUNCTION	0.00	22.47	3	03:25	0	1.43	0.264	%

J-951	JUNCTION	2.23	10.21	0	08:48	0.255	1.69	-27.674 %
J-953	JUNCTION	0.00	12.91	2	09:27	0	4.73	-13.075 %
J-954	JUNCTION	0.00	20.40	0	00:03	0	6.82	-0.663 %
J-958	JUNCTION	0.72	56.45	1	17:08	0.136	12.2	-0.068 %
J-96	JUNCTION	0.00	8.29	3	00:21	0	1.56	4.530 %
J-963	JUNCTION	0.00	12.06	3	02:09	0	3.31	0.501 %
J-99	JUNCTION	5.28	5.28	2	12:15	0.498	1.38	15.082 %
JCT-24	JUNCTION	0.00	50.73	2	22:55	0	3.37	2.806 %
JCT-26	JUNCTION	0.00	102.12	2	08:21	0	2.48	-23.907 %
JCT-26-WEIR	JUNCTION	0.00	107.13	3	00:50	0	1.55	-49.537 %
JCT-28	JUNCTION	5.69	19.14	2	21:06	0.53	1.93	-0.217 %
JCT-28-WEIR	JUNCTION	0.00	18.92	2	08:50	0	1.71	0.712 %
JCT-30	JUNCTION	4.64	55.94	2	11:55	0.492	5.14	0.583 %
JCT-32	JUNCTION	2.99	15.60	1	21:22	0.292	0.823	-1.728 %
JCT-32-WEIR	JUNCTION	0.00	12.72	2	20:34	0	0.349	5.270 %
JCT-36	JUNCTION	0.00	18.41	0	00:01	0	5.02	0.125 %
JCT-46	JUNCTION	0.00	55.58	0	00:00	0	3.99	1.628 %
JCT-64	JUNCTION	0.00	13.62	2	06:45	0	2.29	0.000 %
J-171	OUTFALL	0.00	11.77	2	12:17	0	6.13	0.000 %
J-263	OUTFALL	0.00	5.13	2	15:50	0	1.54	0.000 %
J-279	OUTFALL	0.00	3.85	2	14:05	0	1.15	0.000 %
J-33A	OUTFALL	0.00	2.82	2	08:13	0	1.58	0.000 %
J-386	OUTFALL	0.00	1.70	0	05:50	0	0.722	0.000 %
J-442	OUTFALL	0.00	12.06	2	15:53	0	8.78	0.000 %
J-561A	OUTFALL	0.00	65.98	0	00:00	0	17.6	0.000 %
J-567A	OUTFALL	0.00	2.82	2	11:52	0	1.06	0.000 %
J-582	OUTFALL	0.00	5.26	3	02:39	0	2.7	0.000 %
J-605	OUTFALL	0.00	6.86	2	12:41	0	2.52	0.000 %
J-671	OUTFALL	0.00	6.93	3	00:43	0	4.87	0.000 %
J-694	OUTFALL	0.00	9.20	0	00:00	0	0.394	0.000 %
J-703	OUTFALL	0.00	11.93	0	00:00	0	5.89	0.000 %
J-909	OUTFALL	0.00	4.29	0	00:00	0	0.347	0.000 %
J-911	OUTFALL	0.00	6.19	2	12:15	0	0.7	0.000 %
J-913	OUTFALL	0.00	11.11	0	00:00	0	0.00519	0.000 %
J-919	OUTFALL	0.00	11.87	0	00:00	0	2.19	0.000 %
J-920A	OUTFALL	0.00	60.37	0	00:00	0	17.1	0.000 %
J-963A	OUTFALL	0.00	8.11	0	00:00	0	0.128	0.000 %
J575A	OUTFALL	0.00	61.46	0	00:00	0	1.77	0.000 %
OFALL-10	OUTFALL	0.00	4.62	2	09:59	0	2.43	0.000 %
OFALL-12	OUTFALL	0.00	2.84	2	06:05	0	1.17	0.000 %
OFALL-14	OUTFALL	0.00	1.41	0	05:41	0	0.908	0.000 %
OFALL-16	OUTFALL	0.00	3.85	2	07:26	0	2.73	0.000 %
OFALL-18	OUTFALL	0.00	2.06	0	07:34	0	0.923	0.000 %
OFALL-20	OUTFALL	0.00	1.44	0	09:25	0	0.768	0.000 %
OFALL-22	OUTFALL	0.00	1.95	1	23:21	0	0.464	0.000 %
OFALL-24	OUTFALL	0.00	0.00	0	00:00	0	0	0.000 gal
OFALL-26	OUTFALL	0.00	2.27	0	20:01	0	1.66	0.000 %
OFALL-28	OUTFALL	0.00	3.79	1	13:13	0	1.73	0.000 %
OFALL-30	OUTFALL	0.00	1.90	2	07:05	0	1.39	0.000 %
OFALL-32	OUTFALL	0.00	2.27	0	09:54	0	1.24	0.000 %
OFALL-34	OUTFALL	0.00	0.63	0	20:54	0	0.308	0.000 %
OFALL-36	OUTFALL	0.00	1.21	0	08:56	0	0.673	0.000 %
OFALL-38	OUTFALL	0.00	1.28	2	11:52	0	0.564	0.000 %
OFALL-40	OUTFALL	0.00	1.28	0	06:26	0	1.64	0.000 %
OFALL-42	OUTFALL	0.00	1.28	0	07:10	0	1.55	0.000 %
OFALL-44	OUTFALL	0.00	3.30	0	00:00	0	6.6	0.000 %
OFALL-46	OUTFALL	0.00	1.90	2	11:15	0	0.488	0.000 %
OFALL-48	OUTFALL	0.00	2.84	2	11:52	0	0.728	0.000 %
OFALL-50	OUTFALL	0.00	1.28	0	21:13	0	0.588	0.000 %
OFALL-52	OUTFALL	0.00	1.28	0	23:37	0	1.6	0.000 %
OFALL-54	OUTFALL	0.00	2.84	2	07:50	0	1.08	0.000 %
OFALL-66	OUTFALL	0.00	3.79	0	06:11	0	4.54	0.000 %
WELL-2E	OUTFALL	0.00	55.58	0	00:00	0	4.01	0.000 %
WELL-3	OUTFALL	0.00	4.88	0	00:01	0	1.29	0.000 %
WELL-4	OUTFALL	0.00	13.54	0	00:01	0	3.73	0.000 %
WELL-W-ENID-DR	OUTFALL	0.00	3.79	0	05:10	0	5.39	0.000 %
J-856-STORAGE-NEW	STORAGE	0.00	13.38	2	12:16	0	3.92	0.000 %

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
J-102	JUNCTION	45.17	4.741	0.000

J-104	JUNCTION	63.58	5.713	0.000
J-106	JUNCTION	56.19	5.704	0.000
J-109	JUNCTION	12.42	1.019	0.000
J-11	JUNCTION	69.98	5.577	0.000
J-110	JUNCTION	57.42	5.172	0.000
J-113	JUNCTION	69.44	5.578	0.000
J-114	JUNCTION	61.93	5.230	0.000
J-118	JUNCTION	13.65	3.069	0.000
J-12	JUNCTION	26.49	4.571	0.000
J-121	JUNCTION	55.30	5.706	0.000
J-126	JUNCTION	11.66	0.574	0.000
J-127	JUNCTION	11.59	0.654	0.000
J-128	JUNCTION	11.26	0.600	0.000
J-129	JUNCTION	13.38	2.983	0.000
J-130	JUNCTION	17.38	3.737	0.000
J-131	JUNCTION	19.37	4.295	0.000
J-132	JUNCTION	69.60	5.223	0.000
J-137	JUNCTION	68.57	5.368	0.000
J-139	JUNCTION	76.16	5.396	0.000
J-140	JUNCTION	72.20	5.525	0.000
J-147	JUNCTION	64.89	5.783	0.000
J-148	JUNCTION	61.99	5.858	0.000
J-149	JUNCTION	56.95	5.858	0.000
J-15	JUNCTION	17.40	2.984	0.000
J-152	JUNCTION	58.86	5.911	0.000
J-153	JUNCTION	57.78	5.940	0.000
J-155	JUNCTION	60.10	5.962	0.000
J-156	JUNCTION	60.37	6.031	0.000
J-158	JUNCTION	15.23	3.298	0.000
J-160	JUNCTION	38.40	5.698	0.000
J-161	JUNCTION	14.94	3.669	0.000
J-162	JUNCTION	19.99	4.420	0.000
J-163	JUNCTION	75.32	4.733	0.000
J-164	JUNCTION	71.80	5.176	0.000
J-165	JUNCTION	70.62	5.269	0.000
J-166	JUNCTION	72.10	4.873	0.000
J-167	JUNCTION	73.99	4.422	0.000
J-168	JUNCTION	72.95	4.831	0.000
J-169	JUNCTION	67.44	4.973	0.000
J-170	JUNCTION	58.72	5.078	0.000
J-174	JUNCTION	65.76	6.100	0.000
J-175	JUNCTION	56.23	6.098	0.000
J-176	JUNCTION	34.00	5.700	0.000
J-179	JUNCTION	33.92	5.699	0.000
J-18	JUNCTION	15.22	2.482	0.000
J-180	JUNCTION	15.78	3.781	0.000
J-185	JUNCTION	15.62	3.848	0.000
J-188	JUNCTION	16.62	4.300	0.000
J-191	JUNCTION	16.49	3.625	0.000
J-195	JUNCTION	20.43	3.293	0.000
J-198	JUNCTION	47.07	6.074	0.000
J-199	JUNCTION	50.26	5.929	0.000
J-203	JUNCTION	50.89	5.880	0.000
J-204	JUNCTION	48.91	5.890	0.000
J-206	JUNCTION	53.53	5.727	0.000
J-208	JUNCTION	49.81	5.388	0.000
J-209	JUNCTION	46.33	5.388	0.000
J-212	JUNCTION	52.98	5.670	0.000
J-213	JUNCTION	23.52	3.856	0.000
J-217	JUNCTION	48.60	5.614	0.000
J-218	JUNCTION	58.95	5.596	0.000
J-222	JUNCTION	33.97	4.393	0.000
J-223	JUNCTION	23.60	3.793	0.000
J-225	JUNCTION	52.78	5.531	0.000
J-226	JUNCTION	51.43	5.526	0.000
J-232	JUNCTION	55.21	5.493	0.000
J-233	JUNCTION	53.91	5.057	0.000
J-235	JUNCTION	55.25	5.055	0.000
J-238	JUNCTION	45.49	4.600	0.000
J-24	JUNCTION	66.94	5.317	0.000
J-242	JUNCTION	36.23	4.600	0.000
J-244	JUNCTION	42.88	5.418	0.000
J-247	JUNCTION	51.41	5.415	0.000
J-248	JUNCTION	39.67	4.559	0.000
J-249	JUNCTION	41.98	4.559	0.000
J-25	JUNCTION	15.29	2.518	0.000
J-253	JUNCTION	58.99	4.973	0.000
J-254	JUNCTION	59.87	4.933	0.000
J-256	JUNCTION	59.96	4.904	0.000
J-262	JUNCTION	11.26	2.262	0.000

J-266	JUNCTION	41.83	4.933	0.000
J-267	JUNCTION	44.49	4.992	0.000
J-269	JUNCTION	61.01	5.794	0.000
J-27	JUNCTION	15.62	2.516	0.000
J-271	JUNCTION	77.98	4.968	0.000
J-275	JUNCTION	42.88	4.355	0.000
J-280	JUNCTION	55.62	4.357	0.000
J-281	JUNCTION	52.59	4.751	0.000
J-282	JUNCTION	54.03	4.934	0.000
J-283	JUNCTION	56.94	5.060	0.000
J-285	JUNCTION	44.68	4.548	0.000
J-286	JUNCTION	32.95	4.369	0.000
J-288	JUNCTION	24.40	2.344	0.000
J-290	JUNCTION	18.72	3.006	0.000
J-293	JUNCTION	51.85	5.580	0.000
J-295	JUNCTION	47.49	5.543	0.000
J-296	JUNCTION	49.18	5.495	0.000
J-297	JUNCTION	38.22	4.827	0.000
J-30	JUNCTION	65.02	5.317	0.000
J-300	JUNCTION	39.06	4.819	0.000
J-301	JUNCTION	42.18	4.807	0.000
J-304	JUNCTION	24.81	4.819	0.000
J-305	JUNCTION	25.57	4.818	0.000
J-31	JUNCTION	15.75	2.517	0.000
J-310	JUNCTION	25.40	4.809	0.000
J-312	JUNCTION	26.05	4.797	0.000
J-314	JUNCTION	12.21	2.458	0.000
J-317	JUNCTION	30.16	5.331	0.000
J-321	JUNCTION	12.96	2.533	0.000
J-323	JUNCTION	29.98	5.330	0.000
J-324	JUNCTION	13.37	2.532	0.000
J-327	JUNCTION	67.08	5.323	0.000
J-328	JUNCTION	15.51	2.556	0.000
J-33	JUNCTION	68.65	5.364	0.000
J-333	JUNCTION	52.45	5.635	0.000
J-334	JUNCTION	55.98	5.754	0.000
J-335	JUNCTION	56.20	5.633	0.000
J-341	JUNCTION	16.20	3.545	0.000
J-342	JUNCTION	15.17	4.232	0.000
J-343	JUNCTION	72.76	6.236	0.000
J-348	JUNCTION	51.82	5.549	0.000
J-351	JUNCTION	15.64	3.521	0.000
J-354	JUNCTION	62.46	2.216	0.000
J-354A	JUNCTION	62.32	2.217	0.000
J-355	JUNCTION	62.43	2.748	0.000
J-36	JUNCTION	68.01	5.248	0.000
J-362	JUNCTION	14.83	4.301	0.000
J-363	JUNCTION	40.57	5.893	0.000
J-364	JUNCTION	23.17	5.493	0.000
J-367	JUNCTION	64.56	5.908	0.000
J-368	JUNCTION	32.49	5.518	0.000
J-369	JUNCTION	32.21	5.515	0.000
J-374	JUNCTION	24.09	5.493	0.000
J-375	JUNCTION	21.84	5.100	0.000
J-380	JUNCTION	13.95	3.093	0.000
J-381	JUNCTION	25.25	5.495	0.000
J-384	JUNCTION	24.21	5.099	0.000
J-385	JUNCTION	24.68	5.563	0.000
J-388	JUNCTION	70.72	6.094	0.000
J-389	JUNCTION	38.10	5.594	0.000
J-393	JUNCTION	57.04	6.000	0.000
J-396	JUNCTION	54.87	6.457	0.000
J-399	JUNCTION	52.36	6.209	0.000
J-40	JUNCTION	18.03	2.556	0.000
J-402	JUNCTION	13.65	3.540	0.000
J-405	JUNCTION	43.87	5.626	0.000
J-407	JUNCTION	44.35	5.593	0.000
J-409	JUNCTION	47.07	5.559	0.000
J-410	JUNCTION	70.59	6.051	0.000
J-412	JUNCTION	48.06	5.543	0.000
J-414	JUNCTION	56.04	5.681	0.000
J-415	JUNCTION	13.57	3.209	0.000
J-416	JUNCTION	56.34	5.673	0.000
J-417	JUNCTION	16.13	4.741	0.000
J-42	JUNCTION	17.96	2.465	0.000
J-421	JUNCTION	15.86	4.674	0.000
J-422	JUNCTION	13.76	3.058	0.000
J-423	JUNCTION	13.34	2.902	0.000
J-424	JUNCTION	56.20	5.491	0.000
J-427	JUNCTION	61.50	5.571	0.000

J-430	JUNCTION	13.37	2.957	0.000
J-431	JUNCTION	26.28	2.959	0.000
J-432	JUNCTION	69.46	5.694	0.000
J-433	JUNCTION	61.26	5.318	0.000
J-434	JUNCTION	63.77	5.348	0.000
J-435	JUNCTION	13.69	1.930	0.000
J-436	JUNCTION	16.47	2.306	0.000
J-437	JUNCTION	75.88	5.294	0.000
J-438	JUNCTION	58.58	5.605	0.000
J-439	JUNCTION	71.64	5.483	0.000
J-440	JUNCTION	11.32	1.029	0.000
J-441	JUNCTION	11.31	1.917	0.000
J-445	JUNCTION	21.48	4.267	0.000
J-448	JUNCTION	49.49	2.790	0.000
J-450	JUNCTION	72.98	5.738	0.000
J-454	JUNCTION	49.74	2.792	0.000
J-455	JUNCTION	33.40	1.780	0.000
J-459	JUNCTION	51.12	3.091	0.000
J-460-NEW	JUNCTION	39.07	2.372	0.000
J-463	JUNCTION	36.05	2.048	0.000
J-466	JUNCTION	46.85	4.680	0.000
J-468	JUNCTION	25.57	2.273	0.000
J-47	JUNCTION	64.09	4.433	0.000
J-470	JUNCTION	10.74	1.656	0.000
J-471	JUNCTION	32.51	3.667	0.000
J-478	JUNCTION	18.50	2.709	0.000
J-479	JUNCTION	27.71	2.746	0.000
J-480	JUNCTION	20.40	3.108	0.000
J-481	JUNCTION	26.97	3.470	0.000
J-482	JUNCTION	23.24	3.230	0.000
J-484	JUNCTION	40.94	3.773	0.000
J-485	JUNCTION	70.78	4.749	0.000
J-486	JUNCTION	60.39	4.258	0.000
J-487	JUNCTION	42.13	3.740	0.000
J-489	JUNCTION	30.15	3.214	0.000
J-491	JUNCTION	49.05	3.513	0.000
J-492	JUNCTION	59.97	4.401	0.000
J-493	JUNCTION	69.66	4.515	0.000
J-495	JUNCTION	66.80	4.924	0.000
J-497	JUNCTION	61.63	4.520	0.000
J-498	JUNCTION	10.68	2.450	0.000
J-499	JUNCTION	22.57	4.171	0.000
J-5	JUNCTION	20.11	3.620	0.000
J-50	JUNCTION	58.85	5.184	0.000
J-500	JUNCTION	22.80	4.023	0.000
J-505	JUNCTION	22.81	4.061	0.000
J-508	JUNCTION	22.74	4.166	0.000
J-51	JUNCTION	52.83	3.722	0.000
J-512	JUNCTION	23.23	3.970	0.000
J-518	JUNCTION	23.08	3.939	0.000
J-53	JUNCTION	51.40	6.675	0.000
J-534	JUNCTION	71.57	5.758	0.000
J-537	JUNCTION	41.82	2.560	0.000
J-539	JUNCTION	44.71	2.640	0.000
J-539-WEIR	JUNCTION	19.79	1.581	0.000
J-539A	JUNCTION	19.14	4.939	2.121
J-54	JUNCTION	20.21	3.759	0.000
J-541	JUNCTION	38.68	2.722	0.000
J-544	JUNCTION	55.41	4.203	0.000
J-548	JUNCTION	3.73	1.365	0.000
J-550	JUNCTION	17.81	2.523	0.000
J-553	JUNCTION	73.72	4.748	0.000
J-554	JUNCTION	53.17	4.476	0.000
J-555	JUNCTION	52.45	4.491	0.000
J-557	JUNCTION	0.01	0.496	2.874
J-558	JUNCTION	0.00	0.109	3.281
J-559	JUNCTION	48.41	3.442	0.000
J-560	JUNCTION	48.42	3.359	0.000
J-561	JUNCTION	77.99	5.623	0.000
J-563	JUNCTION	14.56	2.120	0.000
J-565	JUNCTION	68.23	5.374	0.000
J-566	JUNCTION	0.56	0.141	0.000
J-567	JUNCTION	12.50	6.072	0.000
J-568	JUNCTION	12.70	5.086	0.000
J-569	JUNCTION	12.75	5.265	0.000
J-570	JUNCTION	3.77	0.145	0.000
J-571	JUNCTION	53.56	2.031	0.000
J-575	JUNCTION	77.99	5.612	0.000
J-576	JUNCTION	71.00	5.502	0.000
J-577	JUNCTION	16.50	2.401	0.000

J-578	JUNCTION	63.82	5.502	0.000
J-58	JUNCTION	20.18	3.742	0.000
J-581	JUNCTION	71.41	6.903	0.000
J-585	JUNCTION	36.57	3.252	0.000
J-588	JUNCTION	65.77	6.142	0.000
J-59	JUNCTION	20.08	3.721	0.000
J-591	JUNCTION	63.20	4.903	0.000
J-596	JUNCTION	71.02	6.767	0.000
J-598	JUNCTION	10.73	2.604	0.000
J-6	JUNCTION	64.03	5.366	0.000
J-60	JUNCTION	49.81	6.474	0.000
J-601	JUNCTION	57.77	4.605	0.000
J-602	JUNCTION	56.78	4.460	0.000
J-603	JUNCTION	11.34	2.803	0.000
J-604	JUNCTION	44.86	2.507	0.000
J-606	JUNCTION	68.52	4.707	0.000
J-607	JUNCTION	69.41	4.904	0.000
J-609	JUNCTION	59.71	4.603	0.000
J-61	JUNCTION	20.22	3.725	0.000
J-613	JUNCTION	63.06	5.246	0.000
J-615	JUNCTION	61.80	5.149	0.000
J-618	JUNCTION	58.47	5.295	0.000
J-623	JUNCTION	46.36	4.903	0.000
J-624	JUNCTION	17.43	2.503	0.000
J-626	JUNCTION	43.12	4.902	0.000
J-629	JUNCTION	63.22	5.316	0.000
J-63	JUNCTION	58.19	5.880	0.000
J-632	JUNCTION	55.17	5.345	0.000
J-633	JUNCTION	44.53	4.902	0.000
J-637	JUNCTION	39.31	4.903	0.000
J-64	JUNCTION	57.13	5.879	0.000
J-640	JUNCTION	50.18	5.323	0.000
J-647	JUNCTION	16.32	2.571	0.000
J-650	JUNCTION	26.83	4.446	0.000
J-653	JUNCTION	16.34	2.519	0.000
J-654	JUNCTION	16.47	2.483	0.000
J-657	JUNCTION	27.37	4.468	0.000
J-659	JUNCTION	26.23	4.450	0.000
J-663	JUNCTION	52.44	5.412	0.000
J-665	JUNCTION	52.00	5.347	0.000
J-666	JUNCTION	62.56	5.214	0.000
J-67	JUNCTION	62.29	5.794	0.000
J-670	JUNCTION	58.85	5.213	0.000
J-672	JUNCTION	77.99	6.360	0.000
J-673	JUNCTION	15.46	2.096	0.000
J-678	JUNCTION	59.87	5.214	0.000
J-67A	JUNCTION	59.96	5.794	0.000
J-682	JUNCTION	7.15	4.990	0.000
J-684	JUNCTION	7.15	5.073	0.000
J-686	JUNCTION	7.13	5.010	0.000
J-687	JUNCTION	7.09	4.407	0.000
J-691	JUNCTION	7.09	4.256	0.000
J-693	JUNCTION	77.99	3.990	1.370
J-697	JUNCTION	63.27	6.364	0.000
J-7	JUNCTION	66.83	5.143	0.000
J-700	JUNCTION	54.32	5.651	0.000
J-701	JUNCTION	77.64	5.601	0.000
J-702	JUNCTION	77.98	5.610	0.000
J-705	JUNCTION	72.53	5.853	0.000
J-707	JUNCTION	63.35	5.554	0.000
J-710	JUNCTION	52.48	5.650	0.000
J-712	JUNCTION	2.66	3.329	0.000
J-714	JUNCTION	2.67	3.312	0.000
J-719	JUNCTION	4.04	3.657	0.000
J-72	JUNCTION	64.65	5.870	0.000
J-721	JUNCTION	3.07	3.676	0.000
J-725	JUNCTION	1.56	3.391	0.000
J-728	JUNCTION	1.73	3.406	0.000
J-73	JUNCTION	62.91	5.873	0.000
J-734	JUNCTION	3.53	3.242	0.000
J-735	JUNCTION	5.08	3.824	0.000
J-736	JUNCTION	44.19	7.539	0.000
J-74	JUNCTION	59.26	5.892	0.000
J-740	JUNCTION	46.24	6.486	0.000
J-741	JUNCTION	36.97	5.366	0.000
J-744	JUNCTION	38.42	5.366	0.000
J-745	JUNCTION	19.78	3.566	0.000
J-748	JUNCTION	31.41	2.418	0.000
J-748-WEIR-STANTEC	JUNCTION	30.80	2.416	0.000
J-749	JUNCTION	73.07	5.017	0.000

J-750	JUNCTION	43.11	3.202	0.000
J-751	JUNCTION	73.37	5.001	0.000
J-752	JUNCTION	32.26	1.883	0.000
J-753	JUNCTION	76.86	6.090	0.000
J-754	JUNCTION	31.55	2.190	0.000
J-754-WEIR-STANTEC	JUNCTION	32.36	1.882	0.000
J-755	JUNCTION	56.12	4.657	0.000
J-760	JUNCTION	23.36	4.465	0.000
J-761	JUNCTION	12.87	1.894	0.000
J-763	JUNCTION	75.94	4.864	0.000
J-764	JUNCTION	70.33	6.022	0.000
J-766	JUNCTION	2.52	3.223	0.000
J-768	JUNCTION	2.66	3.868	0.000
J-769	JUNCTION	5.73	3.926	0.000
J-77	JUNCTION	14.94	3.097	0.000
J-771	JUNCTION	5.04	3.863	0.000
J-772	JUNCTION	8.83	3.890	0.000
J-774	JUNCTION	8.40	3.856	0.000
J-776	JUNCTION	6.12	3.851	0.000
J-778	JUNCTION	5.26	3.854	0.000
J-77A	JUNCTION	14.11	9.546	0.014
J-780	JUNCTION	5.91	3.863	0.000
J-782	JUNCTION	2.18	3.856	0.000
J-784	JUNCTION	1.96	3.864	0.000
J-786	JUNCTION	0.93	3.867	0.000
J-788	JUNCTION	0.68	3.895	0.000
J-790	JUNCTION	1.02	3.913	0.000
J-792	JUNCTION	3.01	3.681	0.000
J-793	JUNCTION	2.98	3.684	0.000
J-795	JUNCTION	1.01	3.861	0.000
J-799	JUNCTION	4.77	3.542	0.000
J-799-WEIR-EAC	JUNCTION	21.84	3.566	0.000
J-80	JUNCTION	63.12	5.887	0.000
J-800	JUNCTION	5.30	3.853	0.000
J-802	JUNCTION	15.57	4.584	0.000
J-806	JUNCTION	6.28	4.183	0.000
J-809	JUNCTION	6.17	4.249	0.000
J-810	JUNCTION	6.22	4.133	0.000
J-813	JUNCTION	14.04	4.576	0.000
J-816	JUNCTION	13.17	4.617	0.000
J-819	JUNCTION	11.92	4.632	0.000
J-82	JUNCTION	72.50	6.202	0.000
J-822	JUNCTION	19.90	5.065	0.000
J-826	JUNCTION	19.41	5.082	0.000
J-829	JUNCTION	11.87	4.661	0.000
J-83	JUNCTION	15.59	3.799	0.000
J-831	JUNCTION	13.22	4.653	0.000
J-836	JUNCTION	14.28	4.622	0.000
J-838	JUNCTION	17.38	4.751	0.000
J-83A	JUNCTION	15.64	10.060	0.000
J-84	JUNCTION	69.70	6.099	0.000
J-841	JUNCTION	5.40	4.164	0.000
J-844	JUNCTION	5.53	4.059	0.000
J-848	JUNCTION	5.70	4.450	0.000
J-850	JUNCTION	4.50	4.204	0.000
J-851	JUNCTION	4.63	3.898	0.000
J-865	JUNCTION	0.11	0.098	4.442
J-868	JUNCTION	0.18	0.172	4.268
J-87	JUNCTION	66.22	5.702	0.000
J-870	JUNCTION	1.24	0.864	4.126
J-879	JUNCTION	71.15	5.810	0.000
J-88	JUNCTION	67.27	5.667	0.000
J-880	JUNCTION	47.00	3.105	0.000
J-881	JUNCTION	45.94	5.832	0.000
J-882	JUNCTION	55.37	3.567	0.000
J-883	JUNCTION	61.02	3.657	0.000
J-884	JUNCTION	2.70	0.371	0.000
J-888	JUNCTION	50.63	4.860	0.000
J-889	JUNCTION	49.82	4.857	0.000
J-891	JUNCTION	51.39	4.824	0.000
J-892	JUNCTION	50.32	4.813	0.000
J-894	JUNCTION	50.38	4.771	0.000
J-896	JUNCTION	49.90	4.679	0.000
J-899	JUNCTION	18.27	2.502	0.000
J-903	JUNCTION	71.88	4.202	0.000
J-910	JUNCTION	77.99	6.560	0.000
J-912	JUNCTION	77.99	6.360	0.000
J-917	JUNCTION	54.06	7.101	0.000
J-918	JUNCTION	57.08	4.141	0.000
J-920	JUNCTION	78.00	5.605	0.000

J-934	JUNCTION	18.20	2.221	0.000
J-951	JUNCTION	16.29	5.584	0.000
J-953	JUNCTION	18.34	5.031	0.000
J-954	JUNCTION	29.01	3.653	0.000
J-958	JUNCTION	49.49	3.882	0.000
J-96	JUNCTION	42.31	4.753	0.000
J-963	JUNCTION	26.59	4.220	0.000
J-99	JUNCTION	69.18	5.554	0.000
JCT-24	JUNCTION	4.07	0.502	0.000
JCT-26	JUNCTION	17.88	0.775	0.000
JCT-26-WEIR	JUNCTION	17.88	0.779	0.000
JCT-30	JUNCTION	15.50	2.105	0.000
JCT-46	JUNCTION	76.73	4.719	0.000
JCT-64	JUNCTION	41.12	4.602	0.000

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate CFS	Time of Max Occurrence days	hr:min	Total Flood Volume 10^6 gal	Maximum Ponded Depth Feet
J-102	13.08	4.33	2	11:13	0.033	1.181
J-104	19.02	6.77	3	00:35	0.270	1.013
J-106	14.04	5.33	2	11:51	0.059	1.454
J-109	12.42	4.42	3	00:16	0.055	1.019
J-11	6.03	11.61	3	02:03	0.167	0.017
J-110	13.93	6.92	2	12:05	0.124	0.939
J-113	14.19	10.64	0	12:55	0.390	0.744
J-114	7.92	13.25	2	18:06	0.290	0.070
J-118	7.90	11.93	2	16:25	0.249	0.069
J-12	5.47	13.61	3	01:37	0.161	0.011
J-121	3.39	4.25	2	11:08	0.015	0.006
J-126	11.65	4.74	2	12:15	0.145	0.574
J-127	11.59	0.94	2	12:20	0.013	0.654
J-128	11.25	0.95	2	12:19	0.011	0.600
J-129	8.67	10.03	2	16:03	0.188	0.043
J-130	9.02	7.46	2	12:17	0.112	0.097
J-131	4.20	3.63	2	13:50	0.036	0.005
J-132	13.78	5.88	2	12:14	0.156	0.456
J-137	17.19	2.75	2	11:14	0.085	0.568
J-139	7.81	2.33	3	03:25	0.021	0.036
J-140	12.87	2.69	0	17:53	0.039	0.245
J-147	14.50	4.56	2	12:14	0.125	0.483
J-148	13.85	5.90	3	00:06	0.035	0.518
J-149	16.97	3.75	2	11:55	0.071	1.058
J-15	12.07	20.82	2	12:03	0.207	0.284
J-152	14.44	3.46	2	08:28	0.105	0.511
J-153	14.97	4.60	1	17:33	0.039	0.440
J-155	15.90	3.18	2	09:15	0.046	0.542
J-156	16.65	2.86	1	20:32	0.054	0.761
J-158	13.47	24.57	3	01:30	0.162	0.698
J-160	13.53	9.47	3	01:08	0.047	0.598
J-161	4.91	4.19	2	11:08	0.048	0.002
J-162	0.73	5.53	2	12:05	0.013	0.003
J-163	5.95	5.22	1	10:00	0.112	0.022
J-164	6.62	4.18	1	12:15	0.076	0.003
J-165	7.52	4.70	2	04:13	0.079	0.001
J-166	5.19	4.74	1	08:47	0.062	0.000
J-167	6.28	5.53	0	22:03	0.091	0.006
J-168	10.45	4.40	0	23:42	0.113	0.005
J-169	15.50	4.53	0	22:13	0.166	0.001
J-170	20.82	3.17	0	22:38	0.176	0.002
J-174	15.17	4.13	2	11:51	0.056	1.300
J-175	17.26	2.16	2	11:25	0.044	1.048
J-176	14.45	4.51	2	06:30	0.051	0.580
J-179	15.27	7.27	2	05:33	0.093	0.949
J-18	11.23	30.35	2	22:58	0.212	0.252
J-180	12.70	11.93	2	11:39	0.131	0.831
J-185	12.41	14.84	3	00:29	0.103	0.778
J-188	14.39	18.50	3	01:49	0.158	1.480
J-191	14.14	20.30	2	11:01	0.070	0.675
J-195	17.64	27.06	2	11:19	0.243	1.533
J-198	25.53	4.97	2	12:15	0.189	1.574
J-199	22.59	4.00	2	07:27	0.092	1.379
J-203	20.92	5.23	2	10:10	0.239	1.380
J-204	22.13	5.16	1	12:56	0.104	1.440
J-206	22.04	4.39	3	05:39	0.098	1.177
J-208	20.80	5.16	2	09:35	0.119	1.138
J-209	22.88	3.75	2	03:10	0.118	1.038
J-212	20.04	3.54	3	05:23	0.081	0.820
J-213	16.88	14.62	3	03:57	0.138	1.106
J-217	28.67	5.77	2	12:15	0.335	1.844
J-218	20.96	8.98	2	10:30	0.111	1.406
J-222	21.54	18.10	2	10:51	0.296	2.063
J-223	17.12	30.65	3	04:40	0.332	0.993
J-225	18.93	3.24	3	00:38	0.067	0.681
J-226	18.92	3.51	2	23:16	0.078	0.676
J-232	17.95	3.61	3	01:02	0.066	0.593
J-233	13.39	7.11	2	22:24	0.117	0.457
J-235	13.41	6.84	2	22:18	0.067	0.495

J-238	16.10	12.56	1	14:51	0.152	0.500
J-24	13.15	5.42	3	00:02	0.043	0.517
J-242	21.47	9.78	1	23:22	0.184	0.700
J-244	24.32	3.82	2	02:08	0.138	0.718
J-247	21.78	4.17	1	19:38	0.142	0.755
J-248	18.06	15.89	2	03:00	0.212	0.759
J-249	15.94	15.02	2	04:36	0.265	0.709
J-25	12.28	32.79	2	23:46	0.193	0.478
J-253	46.56	3.74	2	12:09	0.340	0.323
J-254	45.81	4.70	1	10:37	0.362	0.233
J-256	29.62	3.97	1	05:20	0.255	0.104
J-262	0.08	2.67	2	08:20	0.001	0.002
J-266	24.29	7.83	2	01:44	0.271	0.283
J-267	21.49	6.48	2	02:15	0.220	0.242
J-268-WEIR	5.08	18.52	2	07:36	0.005	0.193
J-269	12.19	6.11	3	02:36	0.074	0.494
J-27	12.46	25.88	3	00:29	0.094	0.566
J-271	0.00	8.69	0	00:00	0.000	0.008
J-275	13.31	35.09	2	05:00	0.339	0.255
J-280	10.33	3.54	2	20:54	0.104	0.007
J-281	23.64	3.74	2	01:52	0.181	0.351
J-282	15.42	3.75	2	07:36	0.110	0.234
J-283	13.49	5.74	2	02:08	0.100	0.360
J-285	18.52	30.26	1	13:47	0.706	0.648
J-286	16.83	25.61	2	07:36	0.344	0.519
J-288	12.68	20.90	3	01:21	0.281	0.684
J-290	9.57	11.84	2	18:11	0.225	0.606
J-293	11.47	5.80	1	01:51	0.089	0.380
J-295	9.69	5.09	3	01:43	0.082	0.243
J-296	13.81	4.75	1	10:14	0.120	0.495
J-297	15.46	19.66	1	20:41	0.222	0.577
J-30	13.64	3.06	3	02:03	0.029	0.567
J-300	14.08	18.34	1	21:43	0.227	0.569
J-301	16.01	12.50	2	01:23	0.247	0.557
J-304	12.13	13.61	2	10:38	0.078	0.569
J-305	11.55	22.91	2	10:35	0.088	0.518
J-31	12.72	25.33	3	00:27	0.093	0.667
J-310	9.62	8.99	2	08:18	0.048	0.359
J-312	8.97	14.32	2	07:46	0.027	0.337
J-314	8.32	18.53	2	19:57	0.118	0.408
J-317	11.48	3.63	2	11:33	0.070	0.431
J-321	8.74	20.49	2	20:32	0.035	0.383
J-323	12.12	3.03	3	04:22	0.046	0.580
J-324	8.88	20.35	2	20:55	0.030	0.432
J-327	13.22	5.77	3	00:20	0.042	0.573
J-328	12.86	12.75	3	00:12	0.106	0.656
J-33	0.50	4.11	2	23:50	0.006	0.004
J-333	19.26	2.38	2	11:03	0.079	1.035
J-334	16.41	3.49	2	11:26	0.069	1.064
J-335	16.79	2.85	2	11:25	0.050	0.713
J-341	13.92	18.05	2	11:40	0.144	0.495
J-342	13.71	9.26	2	12:01	0.244	0.992
J-343	13.34	4.68	3	00:30	0.030	0.786
J-348	17.50	3.08	2	11:25	0.069	0.799
J-351	12.93	14.60	3	01:01	0.070	0.401
J-354	12.41	10.29	2	21:06	0.236	0.096
J-354A	10.45	23.50	2	20:44	0.386	0.097
J-355	12.28	17.65	3	02:22	0.193	0.578
J-359	11.97	4.81	2	23:56	0.015	0.656
J-36	12.59	4.34	3	00:39	0.036	0.528
J-362	11.92	4.10	3	00:22	0.047	0.161
J-363	11.52	5.21	1	19:55	0.096	0.193
J-364	11.47	4.45	3	05:29	0.056	0.143
J-367	13.73	4.45	3	00:12	0.047	0.708
J-368	13.34	5.16	2	12:15	0.136	0.718
J-369	12.55	4.31	3	00:07	0.050	0.365
J-374	11.55	4.67	2	08:41	0.045	0.193
J-375	12.57	7.46	2	22:32	0.061	0.350
J-380	8.42	29.51	3	00:47	0.065	0.193
J-381	11.35	4.60	3	00:07	0.042	0.195
J-384	12.01	8.34	1	10:49	0.097	0.299
J-385	1.00	11.19	1	10:49	0.018	0.003
J-388	11.40	9.91	3	01:06	0.121	0.294
J-389	10.97	6.42	1	22:17	0.096	0.194
J-393	13.74	5.06	2	04:26	0.086	0.200
J-396	16.57	3.16	3	00:59	0.096	0.207
J-399	4.44	3.37	2	22:02	0.041	0.009
J-40	10.78	52.43	3	01:11	0.236	0.336
J-402	10.10	16.24	3	00:10	0.069	0.900
J-405	11.13	3.31	2	22:41	0.035	0.476

J-407	11.98	4.26	2	23:50	0.039	0.623
J-409	11.25	4.53	2	21:36	0.079	0.629
J-410	10.04	7.28	2	19:15	0.091	0.301
J-412	10.33	5.25	2	23:16	0.073	0.383
J-414	12.26	7.89	2	22:45	0.114	1.141
J-415	10.41	25.42	2	21:39	0.160	0.649
J-416	10.34	7.28	2	23:37	0.066	0.423
J-417	8.60	11.36	2	20:43	0.112	0.071
J-42	17.61	23.17	2	10:13	0.194	1.791
J-421	12.48	8.54	3	03:19	0.142	0.474
J-422	11.35	12.61	3	00:06	0.031	0.308
J-423	4.32	32.25	2	19:37	0.388	0.002
J-424	13.44	2.83	3	01:23	0.068	0.341
J-427	13.56	3.38	3	04:12	0.049	0.371
J-430	9.94	19.09	2	22:44	0.333	0.257
J-431	9.82	33.86	0	22:15	0.503	0.170
J-432	15.84	19.67	0	08:33	0.345	0.396
J-433	22.94	5.82	0	21:42	0.304	0.353
J-434	18.52	5.88	0	15:19	0.246	0.212
J-435	10.64	5.89	0	10:10	0.144	0.053
J-436	13.38	7.80	3	00:50	0.136	0.466
J-437	20.23	10.13	2	12:08	0.301	0.843
J-438	33.49	3.51	2	00:30	0.366	0.399
J-439	24.73	6.32	1	16:40	0.212	0.226
J-440	0.04	6.39	2	12:34	0.001	0.002
J-444	13.76	24.46	2	21:07	0.797	2.996
J-445	7.67	21.34	2	18:13	0.506	0.040
J-448	15.26	15.95	0	20:37	0.153	0.230
J-450	9.89	17.67	3	00:06	0.333	0.078
J-454	14.77	16.33	0	20:38	0.130	0.232
J-455	31.77	14.24	0	20:37	0.349	1.530
J-459	38.40	31.62	2	08:58	2.107	1.531
J-460-NEW	37.57	28.53	1	16:55	1.645	1.842
J-463	35.19	26.90	1	22:38	1.520	1.848
J-466	10.51	87.85	3	04:34	1.617	0.567
J-468	20.75	16.55	0	06:27	0.410	1.519
J-47	31.35	13.29	2	13:15	1.138	0.056
J-470	5.22	58.08	3	00:25	0.402	0.216
J-471	21.50	80.61	0	15:02	2.089	0.796
J-478	12.96	76.52	0	08:26	1.974	0.668
J-479	20.00	74.82	3	00:26	3.095	0.910
J-480	11.59	47.64	0	11:22	0.923	0.308
J-481	15.80	35.11	0	11:22	1.229	0.160
J-482	9.82	25.44	1	17:02	0.569	0.060
J-484	8.79	15.88	0	13:30	0.358	0.173
J-485	9.00	11.36	1	12:28	0.220	0.182
J-486	13.49	26.99	3	01:19	0.653	0.559
J-487	11.73	21.56	0	20:59	0.352	0.020
J-489	10.25	17.00	0	08:27	0.265	0.014
J-491	15.17	15.36	3	05:11	0.347	0.163
J-492	15.57	9.38	0	12:10	0.277	0.022
J-493	13.75	14.17	0	10:11	0.530	0.011
J-495	8.36	16.48	2	13:55	0.309	0.021
J-497	35.73	9.59	2	12:15	0.799	0.531
J-498	6.94	19.13	2	16:57	0.275	0.179
J-499	2.86	7.44	2	15:26	0.064	0.011
J-5	13.50	24.40	3	00:40	0.478	0.760
J-50	21.19	9.45	2	14:09	0.523	0.034
J-500	8.34	8.01	2	18:49	0.132	0.267
J-505	10.16	7.89	2	11:56	0.257	0.791
J-508	4.74	11.60	2	12:09	0.223	0.006
J-51	19.38	29.34	2	13:09	1.230	0.272
J-512	11.94	7.37	2	12:06	0.173	0.519
J-518	11.42	7.99	2	19:48	0.104	0.323
J-53	16.87	2.84	3	05:42	0.032	1.396
J-534	30.05	4.45	2	12:15	0.227	1.198
J-537	16.07	8.52	0	22:42	0.090	1.480
J-539	44.29	61.83	0	07:58	4.366	2.418
J-539-WEIR	18.35	75.11	2	11:12	1.175	1.521
J-54	18.36	13.40	3	05:43	0.382	1.849
J-541	35.42	6.18	2	12:05	0.607	1.982
J-544	28.32	9.00	2	16:33	0.663	0.017
J-548	2.59	29.56	2	17:17	0.223	0.185
J-550	5.09	24.02	2	17:36	0.320	0.023
J-553	9.54	12.78	0	05:28	0.370	0.048
J-554	2.87	14.26	2	04:32	0.133	0.006
J-555	4.39	15.98	1	21:39	0.179	0.001
J-559	5.73	13.22	1	15:26	0.182	0.002
J-560	8.49	11.21	3	04:18	0.293	0.019
J-561	0.00	53.44	0	00:00	0.001	0.023

J-563	8.55	30.72	3	00:29	0.267	0.070
J-565	4.62	11.91	2	12:33	0.140	0.024
J-566	0.25	47.30	2	21:07	0.049	0.031
J-567	2.83	7.18	2	15:54	0.041	0.012
J-568	8.37	6.02	2	13:05	0.169	0.026
J-569	7.45	7.84	2	13:56	0.107	0.038
J-570	3.10	20.59	2	22:21	0.184	0.145
J-571	0.38	37.43	2	15:21	0.054	0.001
J-575	0.00	34.88	0	00:00	0.000	0.012
J-576	1.04	3.53	1	21:12	0.016	0.002
J-577	0.02	2.11	2	08:59	0.000	0.001
J-578	4.97	3.93	1	19:00	0.072	0.002
J-58	17.82	21.62	3	05:29	0.251	2.081
J-581	8.86	3.23	1	21:33	0.087	0.003
J-585	5.27	26.66	2	09:33	0.192	0.302
J-588	16.35	4.63	3	02:02	0.279	0.012
J-59	16.95	37.84	3	04:12	0.284	1.893
J-591	0.29	42.15	3	02:20	0.037	0.003
J-596	1.79	1.99	2	09:21	0.010	0.006
J-598	2.74	22.04	2	11:57	0.101	0.304
J-6	1.31	10.85	2	22:50	0.050	0.012
J-60	17.88	5.31	3	03:52	0.082	1.916
J-601	10.70	4.53	2	10:00	0.142	0.005
J-602	10.26	6.37	1	22:44	0.153	0.010
J-603	0.63	5.24	2	09:20	0.018	0.003
J-604	2.02	4.62	2	08:56	0.023	0.007
J-606	7.11	6.21	1	09:02	0.123	0.007
J-607	5.80	5.17	2	12:13	0.088	0.004
J-609	6.61	6.81	1	07:46	0.104	0.003
J-61	17.40	13.82	3	03:46	0.178	1.842
J-613	12.16	3.87	0	21:03	0.116	0.146
J-615	12.85	3.63	0	22:39	0.123	0.049
J-618	19.95	2.62	3	03:04	0.078	0.695
J-623	14.44	9.23	3	01:39	0.135	0.403
J-624	9.89	25.00	2	22:48	0.286	0.103
J-626	14.15	5.24	2	06:24	0.056	0.342
J-629	14.66	4.51	3	00:29	0.100	0.316
J-63	12.57	6.40	2	11:44	0.112	0.520
J-632	19.34	3.01	2	10:07	0.078	0.445
J-633	15.28	10.21	2	11:00	0.132	0.552
J-637	17.22	6.48	3	03:13	0.125	0.803
J-64	12.97	5.41	2	22:40	0.051	0.519
J-640	20.70	4.23	3	02:31	0.150	0.753
J-647	2.72	30.23	2	17:57	0.135	0.011
J-650	14.33	16.70	2	22:47	0.137	0.386
J-653	13.24	10.59	2	22:40	0.163	0.319
J-654	10.83	28.26	3	01:34	0.090	0.283
J-657	13.11	8.28	2	22:30	0.139	0.098
J-659	14.24	10.69	2	23:31	0.168	0.350
J-663	18.94	8.82	2	22:51	0.313	0.312
J-665	19.01	10.60	2	06:37	0.281	0.347
J-666	13.90	13.98	3	02:00	0.205	0.164
J-67	13.56	4.87	3	01:12	0.060	0.494
J-670	17.58	11.12	0	20:53	0.273	0.413
J-672	0.00	1.56	3	00:42	0.000	0.000
J-673	12.17	23.48	3	02:24	0.203	0.496
J-678	17.94	8.21	3	00:30	0.254	0.514
J-67A	13.83	3.73	2	09:29	0.050	0.494
J-682	7.06	4.25	2	12:11	0.068	0.590
J-684	4.21	2.96	2	15:43	0.015	0.003
J-686	4.73	2.56	2	18:49	0.019	0.010
J-687	4.93	3.65	2	18:28	0.029	0.007
J-691	4.85	6.32	2	18:19	0.063	0.006
J-692	0.00	2.16	2	16:27	0.000	0.008
J-697	12.26	4.17	1	14:41	0.209	0.004
J-7	13.92	9.68	2	02:55	0.218	0.243
J-700	17.29	4.06	1	08:33	0.255	0.001
J-701	1.42	3.61	0	08:01	0.023	0.001
J-702	0.08	3.43	0	09:43	0.001	0.000
J-705	5.39	4.31	1	13:27	0.057	0.003
J-707	11.98	4.15	1	11:08	0.127	0.004
J-710	13.83	3.03	1	20:40	0.099	0.000
J-712	2.52	4.86	2	13:17	0.028	0.079
J-714	2.47	4.37	2	14:23	0.026	0.062
J-719	1.24	3.47	2	14:29	0.007	0.007
J-72	12.22	10.08	2	22:32	0.057	0.510
J-721	0.97	4.67	2	14:28	0.006	0.016
J-725	1.17	13.95	2	13:16	0.012	0.141
J-728	1.37	11.20	2	14:21	0.044	0.156
J-73	13.10	4.11	3	01:40	0.053	0.513

J-734	2.30	32.96	3	00:47	0.079	0.392
J-735	3.53	18.47	3	00:47	0.146	0.864
J-736	42.08	9.02	3	05:11	0.902	3.929
J-74	13.18	3.55	3	00:01	0.082	0.532
J-740	21.25	3.43	3	04:10	0.094	1.629
J-741	16.52	5.96	3	03:01	0.076	1.273
J-744	17.73	8.79	3	03:32	0.107	1.865
J-745	16.52	19.16	3	03:53	0.133	1.877
J-748	16.63	40.00	3	02:24	0.377	1.224
J-748-WEIR-STANTEC	15.22	32.37	0	16:44	0.177	1.222
J-749	26.85	7.48	3	03:49	0.359	1.161
J-750	12.43	26.47	3	03:56	0.567	0.187
J-751	26.11	13.86	0	08:28	0.596	1.059
J-752	22.81	58.99	2	07:25	0.994	1.121
J-753	27.46	6.62	3	04:21	0.221	1.133
J-754	26.87	23.76	0	13:47	1.094	1.249
J-754-WEIR-STANTEC	15.37	64.23	2	08:22	0.263	1.120
J-755	9.86	9.48	2	09:35	0.245	0.257
J-760	16.38	13.64	3	03:58	0.088	1.008
J-761	11.48	4.33	2	11:47	0.019	0.652
J-763	6.80	18.67	1	08:46	0.396	0.004
J-764	14.15	7.66	3	02:18	0.243	0.222
J-766	2.20	11.25	3	00:50	0.052	0.373
J-768	2.00	4.40	2	12:02	0.011	0.218
J-769	1.35	2.93	1	17:15	0.007	0.076
J-77	13.95	26.30	2	11:46	0.374	1.147
J-771	0.51	8.20	1	08:55	0.005	0.013
J-772	1.00	4.77	2	12:15	0.018	0.030
J-774	0.67	5.77	2	16:09	0.008	0.006
J-776	0.50	6.11	2	11:10	0.004	0.001
J-778	0.27	3.17	3	04:15	0.001	0.004
J-780	0.21	2.42	2	12:16	0.001	0.003
J-782	0.32	1.49	2	12:04	0.001	0.006
J-784	0.38	1.38	2	12:07	0.003	0.014
J-786	0.37	2.02	2	12:09	0.002	0.017
J-788	0.34	3.25	2	12:35	0.002	0.045
J-790	0.44	2.35	2	12:06	0.003	0.063
J-792	1.78	3.01	2	14:17	0.005	0.021
J-793	1.78	5.02	2	18:30	0.005	0.034
J-795	0.41	2.79	2	11:56	0.002	0.011
J-799	0.67	5.00	2	15:41	0.016	0.002
J-799-WEIR-EAC	3.00	15.89	0	08:18	0.099	0.026
J-80	13.04	6.17	2	22:32	0.115	0.527
J-800	2.90	10.32	2	14:07	0.051	0.013
J-802	3.83	6.80	2	08:46	0.061	0.044
J-806	3.75	5.86	2	14:08	0.046	0.043
J-809	2.91	17.41	2	13:33	0.072	0.059
J-810	4.05	11.19	2	13:33	0.088	0.193
J-813	4.20	4.78	2	08:35	0.018	0.136
J-816	4.53	4.01	2	12:12	0.062	0.277
J-819	3.64	4.97	2	09:11	0.011	0.092
J-82	13.99	8.60	3	01:14	0.063	0.742
J-822	4.78	2.59	2	11:28	0.052	0.225
J-826	5.36	4.78	2	12:06	0.088	0.342
J-829	4.81	5.07	2	08:33	0.017	0.121
J-83	13.63	22.38	3	01:08	0.312	0.739
J-831	4.79	4.55	2	16:28	0.044	0.163
J-836	4.47	4.90	2	10:02	0.034	0.082
J-838	2.59	2.76	2	11:39	0.013	0.011
J-84	13.97	6.04	1	06:11	0.045	0.739
J-841	2.85	3.81	2	14:43	0.018	0.024
J-844	2.92	5.18	2	12:11	0.054	0.119
J-848	1.43	4.17	2	13:47	0.014	0.010
J-850	0.45	6.31	2	13:55	0.015	0.004
J-851	0.77	8.24	2	13:39	0.021	0.008
J-87	14.61	3.99	2	11:52	0.057	0.802
J-879	2.14	6.99	2	21:50	0.049	0.000
J-88	13.85	5.29	3	00:22	0.050	0.767
J-880	16.43	12.97	1	06:08	0.460	0.345
J-881	0.43	13.85	1	07:06	0.030	0.002
J-882	17.33	8.35	1	00:01	0.417	0.007
J-883	12.64	12.53	2	23:51	0.304	0.097
J-884	0.55	27.79	2	23:55	0.040	0.311
J-888	16.89	6.29	3	03:32	0.055	1.021
J-889	17.44	4.37	3	04:11	0.054	0.941
J-891	17.33	8.50	3	03:29	0.047	0.864
J-892	16.95	6.57	3	03:38	0.049	0.749
J-894	18.64	4.86	3	04:06	0.057	1.050
J-896	18.76	4.32	2	08:19	0.070	1.090
J-899	15.87	19.94	3	03:21	0.278	0.842

J-903	13.41	25.28	2	12:59	0.561	0.174
J-910	0.00	3.08	0	00:00	0.000	0.000
J-912	0.00	4.05	0	00:00	0.000	0.000
J-917	0.06	10.88	0	23:06	0.004	0.001
J-918	4.77	8.22	0	19:56	0.108	0.001
J-920	0.00	28.01	0	00:00	0.000	0.005
J-934	15.78	23.24	3	04:08	0.146	0.578
J-951	7.50	9.84	2	21:33	0.217	0.004
J-953	7.42	12.21	2	09:11	0.258	0.031
J-954	10.53	16.12	1	09:03	0.453	0.053
J-958	46.19	55.12	0	17:03	6.367	2.422
J-96	7.25	7.71	3	00:21	0.020	0.193
J-963	20.28	10.33	2	11:54	0.490	2.660
J-99	14.00	3.04	2	09:44	0.047	1.154
JCT-24	0.09	25.90	2	22:46	0.018	0.002
JCT-26	1.79	41.12	2	11:45	0.083	0.125
JCT-26-WEIR	1.28	51.79	2	08:48	0.086	0.129
JCT-30	18.23	37.04	3	00:47	0.408	2.545
JCT-46	21.08	54.67	0	00:00	2.222	1.159
JCT-64	17.99	10.38	2	02:08	0.154	0.542

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
J-856-STORAGE-NEW	1.132	30.43	0.0	0.0	1.526	41	2 12:09	16.00

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
J-171	99.99	2.92	11.77	6.126
J-263	67.83	0.86	5.13	1.541
J-279	26.90	1.68	3.85	1.148
J-33A	42.03	1.40	2.82	1.576
J-386	17.69	1.46	1.70	0.722
J-442	99.99	3.84	12.06	8.777
J-561A	100.00	8.16	65.98	17.586
J-567A	16.05	2.26	2.82	1.063
J-582	97.96	1.12	5.26	2.703
J-605	99.07	1.26	6.86	2.518
J-671	99.67	2.18	6.93	4.868
J-694	98.71	0.19	9.20	0.394
J-703	100.00	2.83	11.93	5.887
J-909	95.28	0.15	4.29	0.347
J-911	96.43	0.30	6.19	0.700
J-913	93.87	0.00	11.11	0.005
J-919	99.40	1.09	11.87	2.192
J-920A	100.00	8.25	60.37	17.068
J-963A	78.96	0.06	8.11	0.128
J575A	96.23	0.77	61.46	1.771
OFALL-10	35.19	2.60	4.62	2.429
OFALL-12	20.91	1.96	2.84	1.172
OFALL-14	53.63	0.70	1.41	0.908
OFALL-16	74.98	1.53	3.85	2.727
OFALL-18	24.74	1.35	2.06	0.923
OFALL-20	37.64	0.77	1.44	0.768
OFALL-22	9.56	1.81	1.95	0.464
OFALL-24	0.00	0.00	0.00	0.000
OFALL-26	48.00	1.43	2.27	1.655
OFALL-28	19.84	3.10	3.79	1.729
OFALL-30	63.75	0.91	1.90	1.394
OFALL-32	40.06	1.19	2.27	1.237
OFALL-34	19.95	0.55	0.63	0.308
OFALL-36	27.73	0.92	1.21	0.673
OFALL-38	94.54	0.25	1.28	0.564
OFALL-40	97.27	0.82	1.28	1.637
OFALL-42	94.97	0.78	1.28	1.554

OFALL-44	100.00	3.14	3.30	6.603
OFALL-46	45.09	0.49	1.90	0.488
OFALL-48	51.75	0.63	2.84	0.728
OFALL-50	72.34	0.37	1.28	0.588
OFALL-52	67.13	1.14	1.28	1.598
OFALL-54	71.46	0.74	2.84	1.084
OFALL-66	92.82	2.19	3.79	4.537
WELL-2E	32.96	5.33	55.58	4.006
WELL-3	94.71	0.60	4.88	1.295
WELL-4	94.81	1.72	13.54	3.733
WELL-W-ENID-DR	95.02	2.67	3.79	5.391
System	66.81	80.45	267.90	127.311

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Link Flow Summary
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Link	Type	Maximum |Run Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Output Flow| CFS	Time of Max Occurrence days hr:min	Max/ Full Flow	Maximum |Veloc| ft/sec	Time of Max Occurrence days hr:min	Max/ Full Depth	Time of Max Occurrence days hr:min	Maximum Top Width ft
C-WELL3W	CONDUIT	4.88	0 00:01	4.87	0 00:01	1.01	5.73	0 00:01	1.00	0 00:01	0.42
C-WELL4E	CONDUIT	13.54	0 00:01	13.27	0 00:01	0.39	5.57	0 00:01	0.97	2 12:16	0.94
CDT-101	CONDUIT	23.55	3 01:49	8.86	2 10:39	4.61	3.33	3 01:49	1.00	2 08:09	3.00
CDT-103	CONDUIT	22.77	2 11:01	14.21	2 11:13	4.46	3.22	2 11:01	1.00	2 08:12	3.00
CDT-105	CONDUIT	20.45	2 11:03	10.66	2 11:23	4.00	2.89	2 11:03	1.00	2 09:38	3.00
CDT-107	CONDUIT	16.19	3 03:53	10.40	3 05:46	3.17	2.29	3 03:53	1.00	2 09:50	3.00
CDT-109	CONDUIT	18.56	2 08:59	17.29	0 08:57	3.63	2.63	2 08:59	1.00	0 06:06	3.00
CDT-11	CONDUIT	3.95	3 01:39	3.73	3 00:18	1.43	4.43	3 01:39	1.00	0 06:05	1.07
CDT-111	CONDUIT	22.72	3 01:32	18.59	3 00:00	4.45	3.21	3 01:32	1.00	0 06:05	3.00
CDT-113	CONDUIT	16.62	3 01:01	7.93	3 01:14	3.25	2.35	3 01:01	1.00	2 10:08	3.00
CDT-115	CONDUIT	28.47	2 11:19	16.64	2 10:18	2.59	2.27	2 11:19	1.00	2 06:58	4.00
CDT-121	CONDUIT	55.58	0 00:00	20.43	2 12:17	0.14	9.19	0 00:00	1.00	0 00:00	1.71
CDT-123	CONDUIT	20.88	2 22:48	14.24	3 01:07	4.09	10.37	0 06:41	1.00	0 13:42	3.00
CDT-125	CONDUIT	26.35	3 02:12	14.88	2 23:56	2.40	2.10	3 02:12	1.00	0 15:28	4.00
CDT-171	CONDUIT	19.67	2 07:06	14.98	1 18:58	0.19	2.15	0 00:28	1.00	0 06:34	4.00
CDT-173	CONDUIT	11.43	2 09:19	9.55	2 10:10	0.73	9.34	0 20:17	0.78	2 12:17	4.00
CDT-175	CONDUIT	4.75	2 11:58	3.90	2 11:59	0.31	3.29	0 19:23	0.82	2 12:15	4.00
CDT-177	CONDUIT	12.10	0 22:44	10.40	0 22:43	0.78	1.04	0 22:47	1.00	1 08:57	4.00
CDT-179	CONDUIT	16.09	2 14:42	14.50	2 14:42	1.03	1.28	2 14:42	1.00	1 20:37	4.00
CDT-181	CONDUIT	2.11	2 09:33	1.55	2 08:51	0.14	0.91	0 06:40	1.00	0 07:50	4.00
CDT-183	CONDUIT	29.00	3 01:31	13.90	3 00:26	1.86	2.31	3 01:31	1.00	0 07:04	4.00
CDT-185	CONDUIT	1.99	2 08:50	1.55	2 08:51	0.13	0.91	0 06:40	1.00	0 07:50	4.00
CDT-187	CONDUIT	20.52	3 01:06	12.78	3 01:06	1.32	1.63	3 01:06	1.00	0 06:39	4.00
CDT-189	CONDUIT	20.55	3 01:06	12.78	3 01:06	1.32	1.64	3 01:06	1.00	0 06:39	4.00
CDT-191	CONDUIT	16.09	2 14:42	14.50	2 14:42	1.03	1.28	2 14:42	1.00	1 20:37	4.00
CDT-193	CONDUIT	25.17	3 01:26	17.65	3 03:23	1.62	2.00	3 01:26	1.00	2 07:16	4.00
CDT-195	CONDUIT	20.32	3 00:27	9.72	3 01:16	1.31	3.03	0 00:01	1.00	0 05:17	3.99
CDT-197	CONDUIT	29.68	3 01:33	26.49	3 01:34	1.91	2.36	3 01:33	1.00	2 10:10	4.00
CDT-199	CONDUIT	27.87	2 22:59	20.41	2 23:30	1.79	2.22	2 22:59	1.00	2 11:39	4.00
CDT-201	CONDUIT	29.01	2 23:46	15.08	3 00:09	1.86	2.31	2 23:46	1.00	2 11:39	4.00
CDT-205	CONDUIT	9.81	2 22:41	9.11	2 22:41	0.01	0.90	2 22:41	0.87	2 13:53	4.00
CDT-207	CONDUIT	28.90	3 00:29	22.66	3 00:18	1.86	2.30	3 00:29	1.00	2 11:29	4.00
CDT-209	CONDUIT	22.43	2 15:21	9.82	2 14:14	1.44	1.78	2 15:21	1.00	0 23:48	4.00
CDT-211	CONDUIT	21.68	2 15:21	9.29	2 15:04	1.39	1.73	2 15:21	1.00	0 23:48	4.00
CDT-213	CONDUIT	21.94	3 01:21	13.48	2 22:32	1.41	1.75	3 01:21	1.00	0 22:58	4.00
CDT-215	CONDUIT	10.12	2 18:12	8.67	2 18:12	0.01	0.90	2 18:12	0.94	2 13:17	4.00
CDT-217	CONDUIT	8.22	3 00:56	7.14	2 22:08	0.01	0.92	3 00:56	0.87	2 13:47	4.00
CDT-219	CONDUIT	10.63	3 00:13	8.11	3 00:16	0.01	1.04	3 00:13	0.88	2 13:35	4.00
CDT-221	CONDUIT	20.07	2 20:10	15.63	2 19:36	1.29	1.60	2 20:10	1.00	2 10:53	4.00
CDT-223	CONDUIT	26.30	3 00:32	13.82	3 00:25	1.69	2.09	3 00:32	1.00	2 11:40	4.00
CDT-225	CONDUIT	20.35	2 20:48	10.57	2 20:34	1.31	1.62	2 20:48	1.00	2 10:55	4.00
CDT-227	CONDUIT	29.30	3 01:13	20.35	3 00:46	1.88	2.33	3 01:13	1.00	2 11:35	4.00
CDT-229	CONDUIT	22.85	3 01:20	11.68	3 03:06	1.47	1.82	3 01:20	1.00	2 10:03	4.00
CDT-231	CONDUIT	22.44	3 01:13	12.75	3 01:11	1.44	1.79	3 01:13	1.00	2 10:03	4.00
CDT-233	CONDUIT	22.55	2 10:03	20.64	2 10:04	1.45	1.79	2 10:03	1.00	2 09:58	4.00
CDT-235	CONDUIT	12.65	3 01:03	11.02	3 01:14	0.01	1.25	3 01:03	0.88	2 17:59	4.00
CDT-237	CONDUIT	9.37	3 03:48	6.81	3 03:43	0.01	1.13	3 03:48	0.88	2 17:59	4.00
CDT-239	CONDUIT	23.70	3 05:29	14.66	2 11:48	1.52	1.89	3 05:29	1.00	2 09:46	4.00
CDT-241	CONDUIT	22.85	3 01:20	11.68	3 03:06	1.47	1.82	3 01:20	1.00	2 10:03	4.00
CDT-243	CONDUIT	7.24	3 05:43	5.53	3 01:15	0.01	0.92	3 05:43	0.87	2 16:06	4.00
CDT-245	CONDUIT	6.91	3 05:43	3.84	3 05:47	0.01	0.89	3 05:43	0.88	2 16:11	4.00

CDT-247	CONDUIT	30.98	3	00:29	19.40	2	22:39	1.99	2.47	3	00:29	1.00	2	10:01	4.00
CDT-249	CONDUIT	24.63	3	03:13	13.69	3	03:04	1.58	1.96	3	03:13	1.00	2	10:00	4.00
CDT-251	CONDUIT	27.08	2	20:55	8.14	2	20:59	1.74	2.15	2	20:55	1.00	2	10:49	4.00
CDT-253	CONDUIT	29.45	3	00:27	19.16	3	01:52	1.89	2.34	3	00:27	1.00	2	11:41	4.00
CDT-255	CONDUIT	21.41	2	10:59	17.02	2	11:34	1.38	1.70	2	10:59	1.00	2	09:45	4.00
CDT-257	CONDUIT	21.41	2	10:59	17.02	2	11:34	1.38	1.70	2	10:59	1.00	2	09:45	4.00
CDT-259	CONDUIT	34.06	2	23:49	18.29	2	23:45	2.19	2.71	2	23:49	1.00	2	10:25	4.00
CDT-261	CONDUIT	39.77	2	23:49	13.71	2	22:32	2.56	3.16	2	23:49	1.00	2	10:09	4.00
CDT-263	CONDUIT	19.47	2	16:57	17.13	2	17:16	1.25	1.55	2	16:57	1.00	2	11:25	4.00
CDT-265	CONDUIT	24.50	3	00:48	19.60	1	11:12	1.57	2.02	1	11:40	1.00	1	02:41	4.00
CDT-267	CONDUIT	24.50	3	00:48	19.60	1	11:12	1.57	2.02	1	11:40	1.00	1	02:41	4.00
CDT-269	CONDUIT	15.85	2	12:02	8.92	2	12:06	1.02	1.44	2	12:02	1.00	2	12:02	4.00
CDT-271	CONDUIT	22.91	3	00:16	15.89	2	23:17	1.47	1.82	3	00:16	1.00	2	11:39	4.00
CDT-273	CONDUIT	31.74	2	23:19	25.16	0	21:48	2.04	2.53	2	23:19	1.00	0	08:27	4.00
CDT-275	CONDUIT	21.12	3	01:05	18.02	3	01:27	1.36	1.68	3	01:05	1.00	2	10:17	4.00
CDT-277	CONDUIT	29.45	2	22:39	21.47	2	22:04	1.89	5.95	0	03:53	1.00	2	11:38	4.00
CDT-279	CONDUIT	10.58	3	00:37	7.48	3	01:00	0.01	1.22	0	22:01	0.93	2	13:19	4.00
CDT-281	CONDUIT	9.87	2	21:40	8.12	2	22:05	0.01	0.85	2	21:40	0.96	2	14:21	4.00
CDT-283	CONDUIT	29.20	2	11:20	13.13	2	11:46	1.88	2.32	2	11:20	1.00	2	10:25	4.00
CDT-285	CONDUIT	21.34	3	00:10	10.99	2	23:38	1.37	1.70	3	00:10	1.00	2	11:33	4.00
CDT-287	CONDUIT	17.12	2	23:38	16.54	2	23:38	1.10	1.36	2	23:38	1.00	2	11:30	4.00
CDT-289	CONDUIT	29.41	3	00:47	12.80	3	00:25	1.89	2.34	3	00:47	1.00	2	11:20	4.00
CDT-291	CONDUIT	32.47	0	16:27	23.82	0	14:13	2.09	2.58	0	16:27	1.00	0	06:18	4.00
CDT-293	CONDUIT	36.02	2	23:54	20.45	2	22:44	2.31	2.87	2	23:54	1.00	2	11:38	4.00
CDT-295	CONDUIT	23.98	0	12:05	21.47	0	06:43	1.54	2.30	0	01:04	1.00	0	06:11	4.00
CDT-297	CONDUIT	23.74	3	04:08	19.29	3	03:44	1.53	1.89	3	04:08	1.00	2	09:59	4.00
CDT-299	CONDUIT	16.64	2	21:19	8.57	2	22:23	6.79	5.30	2	21:19	1.00	0	05:05	2.00
CDT-439	CONDUIT	11.75	2	22:35	9.93	1	20:51	17.59	3.74	2	01:44	1.00	0	19:06	2.00
CDT-525	CONDUIT	65.16	0	07:58	46.44	2	10:33	4.19	5.19	0	07:58	1.00	0	06:20	3.34
CDT-539	CONDUIT	33.97	3	00:25	33.82	3	00:26	1.25	4.81	3	00:25	1.00	0	06:01	3.00
CDT-87	CONDUIT	13.38	2	12:16	13.34	2	12:16	1.05	5.27	2	12:16	0.39	2	12:16	3.00
CDT-91	CONDUIT	2.02	2	18:54	1.81	2	12:56	0.39	0.29	2	18:54	1.00	0	17:32	3.00
CDT-93	CONDUIT	26.80	2	10:14	16.05	2	10:21	5.25	3.79	2	10:14	1.00	1	14:02	3.00
CDT-95	CONDUIT	18.10	2	11:23	9.85	2	11:40	3.54	2.56	2	11:23	1.00	2	08:04	3.00
CDT-97	CONDUIT	19.41	3	00:29	9.77	3	00:25	3.80	2.75	3	00:29	1.00	2	08:04	3.00
CDT-99	CONDUIT	14.18	3	03:57	9.15	2	08:36	2.78	2.01	3	03:57	1.00	1	13:28	3.00
J-963_OUTFALL	CONDUIT	8.11	0	00:00	4.47	2	12:12	23.33	8.07	0	00:00	1.00	0	00:00	0.31
J561_OUTFALL	CONDUIT	65.98	0	00:00	20.53	2	17:40	20.28	14.66	0	00:00	1.00	0	00:00	0.94
J575_OUTFALL	CONDUIT	61.46	0	00:00	7.72	2	12:16	18.89	13.80	0	00:00	1.00	0	00:00	0.94
J920_OUTFALL	CONDUIT	60.37	0	00:00	13.12	1	10:01	18.55	13.47	0	00:00	1.00	0	00:00	0.94
LINK-WELL-2	CONDUIT	12.65	2	12:08	10.18	2	19:40	1.78	4.03	2	12:08	1.00	0	06:34	0.78
U-1	CONDUIT	13.50	3	00:38	9.40	2	23:30	15.17	2.99	3	00:38	1.00	0	07:36	2.40
U-100	CONDUIT	3.39	2	12:05	3.06	0	22:14	19.13	2.47	0	00:03	1.00	0	00:04	1.33
U-101	CONDUIT	6.43	2	14:09	5.89	2	14:22	24.76	4.60	2	14:09	1.00	0	00:02	1.33
U-102	CONDUIT	4.05	2	12:11	3.54	0	00:04	21.65	3.63	0	00:02	1.00	0	00:04	1.27
U-103	CONDUIT	6.69	2	14:48	6.49	2	13:02	33.36	4.80	2	14:48	1.00	0	00:02	1.19
U-104	CONDUIT	4.50	1	19:58	3.51	2	12:17	34.64	8.26	1	19:58	1.00	0	00:01	0.33
U-105	CONDUIT	9.36	2	12:20	8.24	2	12:24	18.51	5.30	2	12:20	1.00	0	00:01	1.44
U-106	CONDUIT	11.77	2	12:17	10.72	2	12:14	2.02	5.85	2	12:17	1.00	0	00:01	0.63
U-11	CONDUIT	17.21	3	00:59	12.79	3	02:11	9.75	5.48	3	00:59	1.00	0	07:44	2.00
U-110	CONDUIT	9.68	0	18:50	7.55	2	04:18	15.45	4.81	0	18:50	1.00	0	01:22	1.60
U-112	CONDUIT	13.10	3	01:09	8.06	3	01:09	17.10	6.52	3	01:09	1.00	0	01:22	1.60
U-113	CONDUIT	2.78	0	12:55	2.61	0	12:55	23.62	2.82	0	12:55	1.00	0	06:14	1.20
U-114	CONDUIT	6.31	3	01:49	5.98	3	01:49	25.51	3.14	3	01:49	1.00	0	01:22	1.60
U-118	CONDUIT	5.49	2	11:58	3.42	3	00:36	18.17	4.85	2	11:58	1.00	0	06:15	1.20
U-121	CONDUIT	3.88	3	00:35	3.58	3	00:36	14.49	1.93	3	00:35	1.00	0	06:28	1.60
U-122	CONDUIT	6.40	3	00:21	4.67	2	12:01	13.54	3.18	3	00:21	1.00	0	06:28	1.60
U-125	CONDUIT	3.87	2	11:53	3.17	2	11:56	7.42	1.94	1	01:31	1.00	0	06:52	2.00
U-129	CONDUIT	5.26	3	00:35	3.68	0	15:16	12.42	4.65	3	00:35	1.00	0	06:30	1.20
U-13	CONDUIT	7.47	3	01:21	5.64	3	02:13	26.48	3.71	3	01:21	1.00	0	07:05	1.60

U-131	CONDUIT	2.33	3	00:38	2.05	2	11:55	17.70	2.06	3	00:38	1.00	0	06:30	1.20
U-141	CONDUIT	3.45	2	11:24	2.76	2	06:11	22.17	3.05	2	11:24	1.00	0	18:56	1.20
U-142	CONDUIT	3.43	2	04:52	2.78	2	04:38	22.57	3.03	2	04:52	1.00	0	18:56	1.20
U-147	CONDUIT	3.24	2	07:35	2.42	2	07:39	26.44	2.87	2	07:35	1.00	0	18:56	1.20
U-15	CONDUIT	4.05	2	12:13	3.70	3	03:34	1.35	3.58	2	12:13	1.00	0	07:19	1.20
U-150	CONDUIT	3.26	3	04:13	2.87	2	12:33	24.77	2.88	3	04:13	1.00	0	18:55	1.20
U-153	CONDUIT	4.25	3	05:57	3.00	2	06:12	18.31	3.76	3	05:57	1.00	0	18:55	1.20
U-155	CONDUIT	7.09	3	04:11	5.15	2	11:15	15.88	6.27	3	04:11	1.00	0	18:55	1.20
U-156	CONDUIT	4.47	3	03:22	3.95	3	03:37	31.50	3.95	3	03:22	1.00	0	18:55	1.20
U-158	CONDUIT	6.68	3	03:30	4.48	3	02:54	24.23	5.90	3	03:30	1.00	0	18:55	1.20
U-16	CONDUIT	5.03	2	23:19	4.32	2	23:20	18.31	2.50	2	23:19	1.00	0	08:49	1.60
U-160	CONDUIT	3.49	2	04:37	2.76	2	01:47	16.15	1.98	2	04:37	1.00	0	19:03	1.50
U-161	CONDUIT	4.88	3	05:06	3.14	3	04:41	45.42	4.64	3	05:06	1.00	0	18:53	1.20
U-165	CONDUIT	3.21	2	11:41	2.60	2	11:42	21.64	2.84	2	11:41	1.00	0	18:57	1.20
U-167	CONDUIT	2.55	2	09:07	2.19	2	20:36	20.28	2.25	2	09:07	1.00	0	18:57	1.20
U-17	CONDUIT	18.60	2	21:47	12.34	2	21:46	0.26	2.63	2	21:47	1.00	2	08:00	3.00
U-171	CONDUIT	2.67	3	04:25	2.33	2	08:34	21.74	2.36	3	04:25	1.00	0	18:57	1.20
U-172	CONDUIT	3.85	3	04:25	3.31	3	04:25	30.66	3.41	3	04:25	1.00	0	18:57	1.20
U-176	CONDUIT	4.49	2	10:38	3.70	3	01:21	29.77	3.97	2	10:38	1.00	0	18:57	1.20
U-177	CONDUIT	13.28	2	10:35	6.90	3	05:56	30.54	6.62	2	10:35	1.00	0	19:23	1.60
U-18	CONDUIT	7.42	3	00:13	6.39	3	00:24	21.81	6.56	3	00:13	1.00	0	08:08	1.20
U-181	CONDUIT	10.30	2	10:35	7.95	3	05:33	41.06	5.12	2	10:35	1.00	0	19:23	1.60
U-184	CONDUIT	23.77	2	10:35	17.85	2	10:38	53.95	11.82	2	10:35	1.00	0	19:23	1.60
U-186	CONDUIT	11.09	2	05:09	10.74	2	03:18	65.87	9.80	2	05:09	1.00	0	18:46	1.20
U-191	CONDUIT	6.84	1	19:37	6.45	2	06:00	46.22	6.04	1	19:37	1.00	0	18:45	1.20
U-193	CONDUIT	8.00	1	23:29	6.56	2	00:58	23.12	7.07	1	23:29	1.00	0	18:28	1.20
U-195	CONDUIT	7.40	1	19:38	6.18	2	00:15	24.55	6.55	1	19:38	1.00	0	18:28	1.20
U-196	CONDUIT	7.15	2	01:17	6.79	1	19:38	49.37	6.32	2	01:17	1.00	0	18:28	1.20
U-197	CONDUIT	22.03	2	00:58	11.32	2	06:10	26.20	11.09	2	00:58	1.00	0	19:00	1.60
U-199	CONDUIT	19.02	2	00:58	12.55	2	03:18	25.58	9.46	2	00:58	1.00	0	18:43	1.60
U-20	CONDUIT	3.29	3	00:44	2.67	3	00:46	23.59	2.91	3	00:44	1.00	0	08:10	1.20
U-200	CONDUIT	14.31	1	17:11	10.72	1	02:51	33.18	7.12	1	17:11	1.00	0	18:28	1.60
U-201	CONDUIT	23.10	2	04:51	22.05	2	06:45	32.75	7.35	2	04:51	1.00	0	18:44	2.00
U-202	CONDUIT	31.55	1	19:53	28.52	2	05:28	33.39	10.04	1	19:53	1.00	0	18:59	2.00
U-203	CONDUIT	13.77	0	22:50	13.11	1	04:13	54.24	12.17	0	22:50	1.00	0	18:27	1.20
U-204	CONDUIT	6.39	2	01:42	5.02	1	11:29	18.19	5.65	2	01:42	1.00	0	18:27	1.20
U-206	CONDUIT	8.51	0	22:14	8.11	1	02:50	44.18	7.52	0	22:14	1.00	0	18:28	1.20
U-207	CONDUIT	5.20	2	02:30	4.40	1	23:28	23.59	4.60	2	02:30	1.00	0	18:28	1.20
U-208	CONDUIT	5.22	2	01:44	3.82	2	12:08	20.05	4.61	2	01:44	1.00	0	18:27	1.20
U-211	CONDUIT	4.18	2	14:04	3.83	2	07:38	28.90	3.70	2	14:04	1.00	0	18:28	1.20
U-213	CONDUIT	4.50	2	20:54	4.04	2	01:43	21.57	3.67	2	20:54	1.00	0	18:29	1.25
U-214	CONDUIT	3.85	2	14:05	3.70	2	13:04	0.07	1.62	2	14:05	0.71	2	14:05	1.89
U-22	CONDUIT	5.62	3	01:03	4.62	3	01:22	30.18	4.97	3	01:03	1.00	0	08:12	1.20
U-220	CONDUIT	23.29	1	18:17	22.03	2	05:59	40.64	7.41	1	18:17	1.00	0	18:16	2.00
U-221	CONDUIT	13.28	2	06:46	10.56	2	06:46	27.52	11.74	2	06:46	1.00	0	13:49	1.20
U-227	CONDUIT	5.36	1	09:18	4.11	1	09:18	24.69	4.74	1	09:18	1.00	0	18:30	1.20
U-228	CONDUIT	4.91	2	07:38	3.79	2	08:08	36.94	4.34	2	07:38	1.00	0	18:30	1.20
U-231	CONDUIT	17.43	2	03:00	9.27	1	09:17	12.44	5.55	2	03:00	1.00	0	19:05	2.00
U-232	CONDUIT	9.96	2	05:59	9.58	1	23:22	1.26	4.95	2	05:59	1.00	0	19:00	1.60
U-233	CONDUIT	6.29	2	02:34	5.28	2	04:52	52.40	5.56	2	02:34	1.00	0	18:28	1.20
U-237	CONDUIT	10.13	1	23:22	5.93	2	05:02	23.78	3.23	1	23:22	1.00	0	19:07	2.00
U-239	CONDUIT	11.35	2	05:29	10.94	2	05:29	47.19	5.64	2	05:29	1.00	0	19:02	1.60
U-240	CONDUIT	6.56	2	04:53	5.95	2	06:47	52.45	5.80	2	04:53	1.00	0	18:54	1.20
U-242	CONDUIT	9.05	2	12:04	6.26	2	22:26	9.90	4.50	2	12:04	1.00	0	19:03	1.60
U-244	CONDUIT	4.76	3	00:04	4.43	3	01:00	37.90	4.21	3	00:04	1.00	0	18:55	1.20
U-245	CONDUIT	4.21	3	05:06	3.49	3	04:33	26.81	3.73	3	05:06	1.00	0	18:54	1.20
U-249	CONDUIT	4.07	3	05:09	3.44	3	04:33	24.66	3.60	3	05:09	1.00	0	18:54	1.20
U-25	CONDUIT	7.92	3	01:33	6.83	3	01:38	15.48	7.01	3	01:33	1.00	0	08:12	1.20
U-251	CONDUIT	5.23	3	05:08	3.51	3	01:20	18.58	4.63	3	05:08	1.00	0	18:54	1.20
U-253	CONDUIT	3.91	3	05:08	3.67	3	05:08	46.68	4.98	3	05:08	1.00	0	18:46	1.00

U-254	CONDUIT	9.10	2	09:24	5.99	3	05:45	20.86	8.04	2	09:24	1.00	0	18:51	1.20
U-256	CONDUIT	21.16	2	10:13	13.56	3	04:12	8.99	5.30	2	10:13	1.00	0	20:17	2.40
U-259	CONDUIT	10.66	2	05:59	7.66	2	01:44	37.88	9.46	2	05:59	1.00	0	18:28	1.20
U-26	CONDUIT	3.70	2	12:05	3.56	2	12:07	27.39	3.27	2	12:05	1.00	0	08:12	1.20
U-260	CONDUIT	4.42	2	02:34	4.41	2	05:29	60.91	5.62	2	02:34	1.00	0	18:28	1.00
U-261	CONDUIT	2.97	2	10:57	2.57	2	10:20	4.75	4.75	2	09:17	0.71	2	13:32	1.50
U-262-NEW	CONDUIT	5.10	2	13:35	5.10	2	13:36	17.37	10.38	3	04:26	1.00	1	08:37	1.00
U-263	CONDUIT	5.13	2	15:50	5.10	2	13:35	0.67	6.53	2	15:50	1.00	1	08:36	0.39
U-265	CONDUIT	2.42	2	13:16	2.42	2	13:16	0.21	3.81	0	18:05	0.83	2	13:18	1.20
U-267	CONDUIT	2.90	0	21:34	2.35	1	18:26	19.93	2.57	0	21:34	1.00	0	17:35	1.20
U-270	CONDUIT	3.54	2	23:14	2.88	1	20:42	20.71	3.13	2	23:14	1.00	0	17:35	1.20
U-271	CONDUIT	3.26	1	13:10	2.42	2	13:16	22.36	2.89	1	13:10	1.00	0	17:35	1.20
U-274	CONDUIT	7.01	3	00:20	3.93	2	23:32	21.54	6.20	3	00:20	1.00	0	08:08	1.20
U-277	CONDUIT	2.68	3	00:12	1.80	3	01:28	19.70	2.37	3	00:12	1.00	0	08:08	1.20
U-28	CONDUIT	3.41	3	01:16	2.74	3	00:44	17.68	3.01	3	01:16	1.00	0	08:11	1.20
U-280	CONDUIT	3.29	3	01:30	2.69	3	01:23	33.34	2.91	3	01:30	1.00	0	05:28	1.20
U-286	CONDUIT	2.77	3	01:44	2.25	3	01:42	24.44	2.45	3	01:44	1.00	0	05:28	1.20
U-289	CONDUIT	3.06	3	01:37	2.99	3	01:38	26.88	2.71	3	01:37	1.00	0	05:27	1.20
U-29	CONDUIT	2.60	3	00:45	2.38	2	12:44	18.29	2.30	3	00:45	1.00	0	08:11	1.20
U-290	CONDUIT	4.12	3	01:06	2.84	3	01:21	27.11	3.65	3	01:06	1.00	0	05:31	1.20
U-291	CONDUIT	4.56	3	01:21	3.47	3	01:16	29.04	4.03	3	01:21	1.00	0	05:26	1.20
U-293	CONDUIT	6.31	3	01:29	5.05	2	05:03	18.03	5.58	3	01:29	1.00	0	05:27	1.20
U-294	CONDUIT	5.22	3	01:34	4.67	3	01:41	37.66	4.61	3	01:34	1.00	0	05:27	1.20
U-295	CONDUIT	8.38	3	01:38	5.11	3	01:43	24.79	7.41	3	01:38	1.00	0	05:26	1.20
U-298	CONDUIT	6.02	3	01:25	4.52	2	23:38	19.15	5.32	3	01:25	1.00	0	05:26	1.20
U-299	CONDUIT	6.31	2	10:52	3.65	3	02:01	18.91	5.58	2	10:52	1.00	0	05:26	1.20
U-300	CONDUIT	6.90	3	01:31	3.92	3	00:57	17.66	6.10	3	01:31	1.00	0	05:26	1.20
U-304	CONDUIT	2.44	3	01:23	2.07	3	01:07	50.23	4.85	3	01:23	1.00	0	04:33	0.80
U-308	CONDUIT	2.89	2	00:19	2.11	2	12:03	22.25	2.56	2	00:19	1.00	0	05:31	1.20
U-308A	CONDUIT	3.87	3	05:54	2.89	3	01:03	15.80	3.42	3	05:54	1.00	0	05:31	1.20
U-309	CONDUIT	4.63	3	01:25	3.49	3	01:31	32.06	4.09	3	01:25	1.00	0	05:26	1.20
U-312	CONDUIT	3.29	3	00:30	2.64	2	12:03	28.81	3.20	2	11:01	1.00	2	09:50	1.20
U-315	CONDUIT	4.06	2	11:37	3.50	2	12:02	23.57	3.59	2	11:37	1.00	0	05:24	1.20
U-316	CONDUIT	5.40	1	20:57	4.44	1	00:53	22.62	4.78	1	20:57	1.00	0	05:24	1.20
U-319	CONDUIT	4.00	2	10:56	3.13	2	11:30	14.05	1.99	2	10:56	1.00	0	07:52	1.60
U-322	CONDUIT	4.23	2	11:00	3.41	2	11:30	14.76	2.10	2	11:00	1.00	0	08:08	1.60
U-325	CONDUIT	6.58	3	00:07	5.08	1	16:14	25.27	3.45	1	06:40	1.00	1	00:41	1.60
U-327	CONDUIT	6.28	0	05:50	6.28	0	05:50	23.35	3.81	2	01:15	1.00	1	00:27	1.60
U-328	CONDUIT	8.07	3	03:19	7.73	3	04:59	18.92	3.86	3	03:19	1.00	1	03:34	2.00
U-330	CONDUIT	16.11	3	03:19	13.63	3	04:59	0.83	5.13	3	03:19	1.00	0	05:43	2.00
U-332	CONDUIT	13.95	3	03:19	12.01	3	03:20	1.32	6.94	3	03:19	1.00	0	05:21	1.60
U-335	CONDUIT	6.19	3	01:29	4.30	2	11:39	19.88	3.08	3	01:29	1.00	0	04:49	1.60
U-337	CONDUIT	12.85	3	01:06	12.40	3	01:06	0.55	4.09	3	01:06	1.00	0	05:21	2.00
U-34	CONDUIT	2.66	3	02:31	2.20	3	02:31	24.86	2.35	3	02:31	1.00	0	08:23	1.20
U-341	CONDUIT	12.63	2	01:44	11.54	2	04:57	46.76	6.28	2	01:44	1.00	0	04:05	1.60
U-344	CONDUIT	3.99	3	01:29	3.46	3	01:25	36.77	3.53	3	01:29	1.00	0	04:08	1.20
U-345	CONDUIT	4.21	3	01:26	3.20	3	01:31	1.69	3.72	3	01:26	1.00	0	05:22	1.20
U-346	CONDUIT	6.83	3	00:44	5.23	3	00:13	17.53	6.04	3	00:44	1.00	0	05:24	1.20
U-347	CONDUIT	3.44	3	01:03	3.10	3	01:03	32.64	3.05	3	01:03	1.00	0	05:37	1.20
U-348	CONDUIT	5.20	2	23:18	3.98	3	00:01	18.41	2.59	2	23:18	1.00	0	05:53	1.60
U-35	CONDUIT	3.55	3	03:16	3.15	3	04:16	31.27	3.14	3	03:16	1.00	0	08:28	1.20
U-351	CONDUIT	4.15	3	00:52	3.30	2	11:42	31.87	3.39	3	00:52	1.00	0	05:29	1.25
U-352	CONDUIT	2.66	2	11:25	1.70	2	10:31	20.88	2.36	2	11:25	1.00	0	01:32	1.20
U-353	CONDUIT	5.02	3	03:27	3.78	3	00:54	16.21	4.44	3	03:27	1.00	0	01:32	1.20
U-354	CONDUIT	5.47	3	01:33	3.63	3	01:44	15.97	2.72	3	01:33	1.00	0	06:10	1.60
U-357	CONDUIT	4.85	3	01:33	3.67	3	01:44	16.99	2.41	3	01:33	1.00	0	06:10	1.60
U-358	CONDUIT	6.76	3	01:44	5.18	2	03:17	21.62	5.97	3	01:44	1.00	0	04:16	1.20
U-364	CONDUIT	4.01	2	22:15	3.76	2	22:32	35.45	3.54	2	22:15	1.00	0	08:40	1.20
U-364A	CONDUIT	13.23	2	22:05	10.12	2	22:47	4.25	1.55	0	07:11	1.00	0	15:28	4.00
U-366	CONDUIT	2.33	2	11:05	1.83	3	01:06	22.59	2.06	2	11:05	1.00	0	05:34	1.20

U-37	CONDUIT	6.62	2	10:26	4.99	2	10:26	14.77	5.86	2	10:26	1.00	0	08:28	1.20
U-372	CONDUIT	3.10	3	00:41	1.74	2	14:25	27.86	2.74	3	00:41	1.00	0	05:47	1.20
U-373	CONDUIT	3.30	3	00:58	2.90	2	13:28	19.16	2.92	3	00:58	1.00	0	04:25	1.20
U-376	CONDUIT	4.99	3	00:30	3.34	2	11:43	0.64	4.42	3	00:30	1.00	0	05:31	1.20
U-379	CONDUIT	3.33	2	11:51	2.77	2	22:41	29.69	2.94	2	11:51	1.00	0	05:32	1.20
U-38	CONDUIT	15.74	3	03:57	11.98	3	04:12	9.42	5.01	3	03:57	1.00	1	20:34	2.00
U-382	CONDUIT	2.86	3	00:13	2.23	2	11:54	9.89	1.42	3	00:13	1.00	0	06:41	1.60
U-385	CONDUIT	3.38	3	01:23	2.60	2	22:36	12.49	1.68	3	01:23	1.00	0	06:41	1.60
U-386	CONDUIT	6.41	2	23:53	4.73	2	11:58	11.46	3.63	2	23:53	1.00	0	04:56	1.50
U-388	CONDUIT	5.66	3	00:30	4.91	2	23:52	15.36	3.20	3	00:30	1.00	0	06:26	1.50
U-390	CONDUIT	8.15	2	23:01	5.35	2	21:14	12.29	4.61	2	23:01	1.00	0	05:57	1.50
U-391	CONDUIT	4.56	3	01:01	3.92	3	00:31	0.45	2.27	3	01:01	1.00	0	06:41	1.60
U-392	CONDUIT	6.19	3	00:01	4.89	3	00:31	0.38	3.08	3	00:01	1.00	0	06:41	1.60
U-394	CONDUIT	4.19	3	00:42	3.55	3	00:31	1.09	3.70	3	00:42	1.00	0	05:27	1.20
U-397	CONDUIT	4.34	2	23:24	3.95	2	23:14	41.48	3.84	2	23:24	1.00	0	05:27	1.20
U-398	CONDUIT	10.43	3	00:05	8.68	2	20:27	10.63	2.31	3	00:05	1.00	2	05:14	2.40
U-399	CONDUIT	6.38	3	04:59	6.33	3	05:00	49.09	5.84	3	04:59	1.00	0	02:36	1.20
U-402	CONDUIT	3.95	2	23:37	3.04	2	11:59	30.51	3.49	2	23:37	1.00	0	04:53	1.20
U-404	CONDUIT	5.31	2	23:37	3.69	2	11:57	20.08	4.69	2	23:37	1.00	0	04:52	1.20
U-406	CONDUIT	3.53	2	23:37	2.97	2	12:01	26.23	2.88	2	23:37	1.00	0	04:54	1.25
U-407	CONDUIT	22.10	0	22:46	21.39	0	09:40	52.83	18.00	0	22:46	1.00	0	07:16	1.25
U-408	CONDUIT	6.24	0	15:53	5.41	0	15:54	9.19	5.09	0	15:53	1.00	0	07:17	1.25
U-409	CONDUIT	8.34	0	08:32	7.45	0	13:54	3.14	4.72	0	08:32	1.00	0	07:23	1.50
U-411	CONDUIT	8.14	0	15:19	7.03	0	15:54	31.09	4.60	0	15:19	1.00	0	07:21	1.50
U-412	CONDUIT	5.09	0	10:19	3.57	0	09:41	0.93	3.39	0	10:19	1.00	0	08:33	1.45
U-413	CONDUIT	7.51	3	04:08	5.29	0	22:31	13.77	4.25	3	04:08	1.00	0	00:22	1.50
U-414	CONDUIT	4.54	3	00:45	3.68	3	00:49	31.76	4.01	3	00:45	1.00	0	00:22	1.20
U-415	CONDUIT	5.72	3	05:40	4.34	1	12:09	28.67	6.21	3	05:40	1.00	0	00:21	1.08
U-416	CONDUIT	2.97	3	00:44	2.89	3	00:39	43.58	3.22	3	00:44	1.00	0	00:21	1.08
U-417	CONDUIT	6.03	3	00:44	4.55	3	00:31	1.10	4.11	0	00:22	1.00	2	12:03	3.83
U-418	CONDUIT	12.90	2	12:34	12.80	2	12:35	9.84	3.34	0	00:02	1.00	0	00:09	3.19
U-419	CONDUIT	12.06	2	15:53	11.67	2	15:52	1.83	15.36	2	15:53	1.00	0	00:01	0.39
U-420	CONDUIT	7.33	2	22:38	5.15	2	21:12	25.70	6.48	2	22:38	1.00	1	02:25	1.20
U-421	CONDUIT	8.46	2	23:02	5.47	3	01:13	5.97	1.87	2	23:02	1.00	2	05:41	2.40
U-423	CONDUIT	7.10	2	11:25	4.70	2	19:54	8.27	1.57	2	11:25	1.00	2	05:50	2.40
U-428	CONDUIT	8.67	2	12:09	7.32	2	13:27	11.86	1.92	2	12:09	1.00	2	05:55	2.40
U-430	CONDUIT	9.70	2	12:10	8.95	2	12:09	16.24	2.15	2	12:10	1.00	2	05:47	2.40
U-434	CONDUIT	8.32	2	12:07	6.34	2	19:03	10.68	1.84	2	12:07	1.00	2	05:43	2.40
U-437	CONDUIT	5.04	2	11:58	4.99	2	12:09	19.64	2.51	2	11:58	1.00	1	05:07	1.60
U-439	CONDUIT	12.21	2	13:22	9.17	2	12:00	32.58	6.07	2	13:22	1.00	0	04:49	1.60
U-44	CONDUIT	18.49	2	14:55	14.72	2	13:54	3.58	5.89	2	14:55	1.00	0	04:38	2.00
U-440	CONDUIT	10.96	2	18:20	10.28	2	16:41	1.61	5.45	2	18:20	1.00	0	05:34	1.60
U-441	CONDUIT	9.86	2	17:22	9.53	2	16:58	1.63	4.90	2	17:22	1.00	0	05:58	1.60
U-443	CONDUIT	14.34	0	18:52	10.58	0	16:54	4.00	7.19	0	18:52	1.00	0	06:05	1.60
U-445	CONDUIT	20.19	0	20:59	14.80	0	18:52	2.06	6.51	0	20:59	1.00	0	06:05	2.00
U-447	CONDUIT	19.80	1	18:51	12.89	0	11:32	1.00	6.30	1	18:51	1.00	0	05:17	1.99
U-448	CONDUIT	20.01	1	18:51	13.10	0	11:32	1.85	9.95	1	18:51	1.00	0	05:19	1.60
U-449	CONDUIT	22.71	1	15:28	16.61	1	23:33	1.92	7.23	1	15:28	1.00	0	05:59	2.00
U-45	CONDUIT	9.97	2	13:58	8.12	2	14:30	1.93	3.18	2	13:58	1.00	0	04:43	2.00
U-450	CONDUIT	30.91	3	01:19	25.21	0	14:36	1.57	9.94	3	01:19	1.00	0	05:59	1.98
U-451	CONDUIT	23.32	1	15:19	21.54	2	03:13	2.90	7.42	1	15:19	1.00	0	06:07	1.99
U-452	CONDUIT	28.36	0	11:22	27.94	0	11:22	5.50	9.16	0	11:22	1.00	0	06:00	1.99
U-454	CONDUIT	46.71	0	21:45	44.67	1	19:48	3.62	10.37	0	21:45	1.00	0	06:00	2.40
U-456	CONDUIT	72.98	0	08:26	65.44	0	13:22	3.08	10.32	0	08:26	1.00	0	06:13	3.00
U-463	CONDUIT	58.07	3	00:25	48.14	3	00:25	1.01	9.43	3	00:25	1.00	0	06:34	2.80
U-464	CONDUIT	127.27	2	07:48	100.91	2	07:19	2.18	10.50	2	07:48	1.00	0	06:16	4.00
U-466	CONDUIT	17.92	1	05:34	16.88	1	20:50	1.67	8.91	1	05:34	1.00	0	05:44	1.60
U-468	CONDUIT	18.94	0	20:35	17.89	2	04:27	0.79	9.58	0	20:35	1.00	0	06:19	1.51
U-468-NEW	CONDUIT	19.02	0	06:28	16.88	0	06:27	3.30	4.80	0	06:26	1.00	0	06:28	2.14
U-469	CONDUIT	48.35	1	05:39	48.07	1	08:42	1.11	15.39	1	05:39	1.00	0	06:10	2.00

U-47	CONDUIT	4.69	2	14:23	4.30	2	15:06	4.92	5.09	2	14:23	1.00	0	04:09	1.08
U-48	CONDUIT	3.20	3	05:42	1.48	2	11:41	14.32	3.47	3	05:42	1.00	1	02:35	1.08
U-481	CONDUIT	3.87	2	23:15	3.86	2	23:15	45.27	4.92	2	23:15	1.00	0	06:23	0.86
U-483	CONDUIT	3.33	0	06:23	3.33	2	20:55	36.86	4.25	0	06:23	1.00	0	06:22	0.88
U-486	CONDUIT	9.68	1	21:23	9.09	0	09:16	2.76	3.29	0	06:27	1.00	0	06:28	1.66
U-489	CONDUIT	7.96	1	19:38	7.30	1	19:38	0.92	3.96	1	19:38	1.00	0	06:19	1.60
U-492	CONDUIT	8.82	3	02:17	7.97	0	17:45	10.51	2.81	3	02:17	1.00	0	05:08	2.00
U-495	CONDUIT	27.75	2	12:46	26.32	2	17:40	1.41	8.83	2	12:46	1.00	0	00:03	0.78
U-496	CONDUIT	29.66	2	13:35	25.57	2	17:40	18.69	6.80	2	18:01	1.00	0	00:04	2.03
U-497	CONDUIT	19.32	0	08:52	16.39	2	11:11	12.04	6.61	0	00:00	0.98	2	08:01	0.94
U-498	CONDUIT	18.40	2	08:01	17.83	0	08:53	18.78	4.87	2	08:01	1.00	0	08:52	1.38
U-5	CONDUIT	14.76	3	01:21	8.71	3	02:30	0.38	3.26	3	01:21	1.00	0	08:00	2.40
U-50	CONDUIT	3.34	3	05:00	2.94	3	05:00	34.49	3.63	3	05:00	1.00	1	02:35	1.08
U-500	CONDUIT	32.88	0	09:10	27.51	0	19:04	1.07	10.46	0	09:10	1.00	0	00:02	1.07
U-501	CONDUIT	28.59	2	14:30	25.60	2	17:18	29.14	6.32	2	14:30	1.00	0	00:04	2.27
U-502	CONDUIT	19.95	0	00:02	13.98	0	21:16	0.78	6.62	0	00:02	1.00	0	00:02	2.39
U-503	CONDUIT	13.54	2	15:56	12.55	2	17:39	0.67	4.31	2	15:56	1.00	0	06:08	1.86
U-507	CONDUIT	21.34	2	12:45	19.35	2	15:56	7.37	6.98	2	17:27	1.00	0	06:22	1.98
U-509	CONDUIT	32.45	2	13:21	23.74	2	13:21	0.37	4.06	2	13:21	1.00	0	06:36	3.20
U-513	CONDUIT	16.41	0	20:38	12.52	0	20:16	6.01	1.92	0	00:08	1.00	0	06:21	4.00
U-514	CONDUIT	7.96	3	02:19	7.41	3	03:18	1.60	5.70	3	02:19	1.00	0	06:06	1.33
U-518-NEW	CONDUIT	13.49	0	20:37	11.48	1	19:42	31.61	4.84	0	20:37	1.00	0	05:47	1.99
U-519-NEW	CONDUIT	31.30	1	16:55	26.99	0	06:28	0.57	2.54	1	16:55	1.00	0	06:33	4.00
U-522	CONDUIT	4.57	2	12:20	4.57	2	12:21	0.71	4.65	2	12:21	1.00	2	12:36	1.20
U-523	CONDUIT	21.42	2	22:21	16.16	2	13:55	12.64	4.36	2	22:21	1.00	2	07:18	2.50
U-524-NEW	CONDUIT	11.62	2	18:05	10.60	2	18:06	0.17	11.22	2	11:47	1.00	2	11:56	1.58
U-525	CONDUIT	11.51	3	00:28	9.21	2	20:40	29.87	8.36	3	00:28	1.00	2	11:54	1.25
U-526	CONDUIT	6.26	2	15:54	5.15	2	20:40	24.15	3.54	2	15:54	1.00	2	11:54	0.59
U-527	CONDUIT	3.95	2	15:54	3.04	2	20:40	27.73	3.49	2	15:54	1.00	2	11:53	0.47
U-53	CONDUIT	5.47	3	04:10	5.01	3	04:18	34.64	4.45	3	04:10	1.00	1	03:50	1.25
U-530	CONDUIT	10.33	2	12:06	7.97	3	00:33	0.30	2.28	2	12:06	1.00	2	07:16	2.40
U-531	CONDUIT	7.65	3	00:33	6.56	3	00:33	24.01	3.80	3	00:33	1.00	0	06:32	1.60
U-533	CONDUIT	12.90	2	08:07	10.29	2	08:50	2.23	6.41	2	08:07	1.00	0	05:59	1.60
U-534-NEW	CONDUIT	5.26	3	02:39	5.26	3	02:35	57.82	6.70	3	02:39	1.00	0	00:00	0.39
U-537	CONDUIT	4.12	2	13:07	3.98	2	12:48	1.32	3.65	2	13:07	1.00	0	05:59	1.20
U-538	CONDUIT	3.12	2	14:57	3.08	2	14:57	0.85	2.75	2	14:57	1.00	0	06:37	1.20
U-54	CONDUIT	4.39	2	11:00	3.03	2	11:11	19.86	3.58	2	11:00	1.00	1	03:50	1.25
U-543	CONDUIT	4.41	2	11:30	4.00	2	11:31	0.79	2.19	2	11:30	1.00	0	06:36	1.60
U-545	CONDUIT	2.12	2	11:02	2.06	3	00:31	32.44	2.70	2	11:02	1.00	0	06:45	1.00
U-547	CONDUIT	11.03	0	00:00	7.72	2	12:16	32.54	5.64	0	00:00	1.00	0	00:00	0.63
U-548	CONDUIT	5.05	3	01:59	4.43	3	02:35	0.11	2.54	3	01:59	1.00	0	08:56	1.59
U-549	CONDUIT	5.77	3	01:10	4.84	2	11:14	0.13	2.87	3	01:10	1.00	0	08:56	1.60
U-55	CONDUIT	9.64	3	03:46	7.81	3	03:42	24.65	7.85	3	03:46	1.00	1	03:50	1.25
U-550	CONDUIT	5.71	3	01:56	4.43	3	00:48	0.82	5.05	3	01:56	1.00	0	06:24	1.20
U-555	CONDUIT	2.14	3	00:39	2.04	2	09:21	0.69	1.89	3	00:39	1.00	0	06:09	1.20
U-557	CONDUIT	3.94	2	14:54	3.63	2	14:46	30.16	3.48	2	14:54	1.00	0	05:46	1.20
U-559	CONDUIT	4.99	2	22:29	3.37	2	13:34	19.62	4.42	2	22:29	1.00	0	05:46	1.20
U-56	CONDUIT	3.15	3	05:12	2.89	3	05:07	22.78	2.57	3	05:12	1.00	1	03:50	1.25
U-562	CONDUIT	3.61	2	14:53	2.97	2	14:05	29.23	3.19	2	14:53	1.00	0	05:46	1.20
U-565	CONDUIT	5.44	2	14:35	4.69	2	14:05	38.05	4.81	2	14:35	1.00	0	05:46	1.20
U-568	CONDUIT	5.68	2	14:35	4.53	2	14:34	18.79	2.82	2	14:35	1.00	0	05:54	1.60
U-569	CONDUIT	6.31	0	21:04	5.20	2	13:31	11.29	3.14	0	21:04	1.00	0	05:53	1.60
U-570	CONDUIT	7.46	2	14:07	7.02	2	14:04	1.17	3.71	2	14:07	1.00	0	05:52	1.60
U-572	CONDUIT	11.96	2	14:25	7.69	2	13:17	14.40	5.95	2	14:25	1.00	0	05:43	1.60
U-573	CONDUIT	8.54	2	12:41	7.87	2	12:13	0.65	7.55	2	12:41	1.00	0	06:44	1.02
U-574	CONDUIT	6.93	2	13:16	6.47	2	12:20	0.82	6.28	2	12:09	1.00	0	06:44	0.47
U-575	CONDUIT	6.86	2	12:41	6.47	2	12:20	0.71	8.73	2	12:41	1.00	0	00:00	0.39
U-580	CONDUIT	2.40	3	02:42	2.32	3	02:43	20.80	2.12	3	02:42	1.00	0	08:23	1.20
U-583	CONDUIT	5.37	2	10:26	4.24	1	11:07	17.37	4.75	2	10:26	1.00	0	08:22	1.20
U-584	CONDUIT	3.18	3	03:22	3.15	3	03:56	28.70	2.82	3	03:22	1.00	0	08:27	1.20

U-587	CONDUIT	10.77	3	01:39	7.00	3	01:11	12.93	5.36	3	01:39	1.00	0	08:53	1.60
U-589	CONDUIT	5.19	3	04:05	3.90	3	03:30	19.95	2.58	3	04:05	1.00	0	08:53	1.60
U-59	CONDUIT	6.34	3	00:16	4.41	2	23:50	0.06	2.59	2	10:50	1.00	2	11:50	2.00
U-590	CONDUIT	3.95	3	04:11	3.24	3	03:30	32.22	3.49	3	04:11	1.00	0	08:22	1.20
U-591	CONDUIT	3.59	3	03:32	3.42	2	12:01	30.83	3.17	3	03:32	1.00	0	08:13	1.20
U-596	CONDUIT	3.86	3	03:20	2.76	3	02:41	32.77	3.42	3	03:20	1.00	0	08:13	1.20
U-599	CONDUIT	10.94	3	03:49	6.75	3	00:32	15.73	5.44	3	03:49	1.00	0	08:44	1.60
U-60	CONDUIT	3.38	3	00:33	3.05	3	00:32	8.57	1.08	3	00:33	1.00	0	06:25	2.00
U-601	CONDUIT	5.27	3	03:21	5.09	3	03:42	43.23	4.66	3	03:21	1.00	0	08:13	1.20
U-604	CONDUIT	3.05	3	02:11	3.02	2	10:45	21.53	2.70	3	02:11	1.00	0	08:04	1.20
U-608	CONDUIT	4.03	3	01:21	3.04	2	11:07	16.21	2.00	3	01:21	1.00	0	08:38	1.60
U-609	CONDUIT	6.28	3	01:26	5.09	3	00:33	12.23	2.00	3	01:26	1.00	0	20:56	2.00
U-612	CONDUIT	14.55	2	22:47	8.78	0	20:29	11.66	4.63	2	22:47	1.00	0	09:50	2.00
U-614	CONDUIT	7.20	3	03:18	5.31	3	03:18	0.56	2.29	3	03:18	1.00	0	09:47	2.00
U-616	CONDUIT	8.32	2	11:52	7.74	2	11:54	15.77	2.65	2	11:52	1.00	0	07:45	2.00
U-618	CONDUIT	10.86	2	11:53	10.85	2	11:53	26.62	5.40	2	11:53	1.00	0	07:04	1.60
U-62	CONDUIT	5.80	3	00:35	3.86	3	00:28	26.37	5.12	3	00:35	1.00	0	05:31	1.20
U-620	CONDUIT	6.93	3	00:43	6.67	2	15:00	2.12	7.25	0	00:00	1.00	0	00:00	0.47
U-621	CONDUIT	6.66	3	00:42	6.10	3	02:09	36.38	8.07	0	00:00	1.00	0	00:01	0.47
U-623	CONDUIT	8.96	2	11:58	8.51	2	11:59	20.32	2.85	2	11:58	1.00	0	07:43	2.00
U-624	CONDUIT	15.01	3	02:00	9.05	3	01:57	14.25	4.78	3	02:00	1.00	0	07:43	2.00
U-625	CONDUIT	8.65	3	01:19	6.93	3	02:14	18.46	2.75	3	01:19	1.00	0	07:44	2.00
U-628	CONDUIT	10.41	3	02:02	8.79	3	02:14	17.92	3.31	3	02:02	1.00	0	07:44	2.00
U-629	CONDUIT	15.51	3	01:14	12.10	3	01:00	7.19	2.19	3	01:14	1.00	0	10:00	3.00
U-632	CONDUIT	7.47	2	14:53	4.48	2	17:06	6.92	3.72	2	14:53	1.00	2	11:54	1.60
U-633	CONDUIT	4.41	2	16:36	3.56	2	16:37	12.65	2.19	2	16:36	1.00	2	11:54	1.60
U-637	CONDUIT	3.35	2	18:28	2.67	2	11:53	26.39	2.96	2	18:28	1.00	2	11:53	1.20
U-64	CONDUIT	7.71	3	01:03	5.76	2	09:30	20.01	6.81	3	01:03	1.00	0	01:32	1.20
U-640	CONDUIT	3.05	2	11:52	2.17	2	15:22	25.37	2.70	2	11:52	1.00	2	11:52	1.20
U-643	CONDUIT	2.74	2	15:43	2.29	2	18:22	25.08	2.42	2	15:43	1.00	2	11:52	1.20
U-646	CONDUIT	5.50	2	12:40	5.14	2	12:16	28.83	4.87	2	12:40	1.00	0	00:02	1.05
U-648	CONDUIT	5.59	2	12:15	4.95	2	12:16	24.81	4.95	2	12:15	1.00	0	00:02	1.05
U-649	CONDUIT	5.48	2	12:15	5.10	2	12:16	33.84	4.88	0	00:00	1.00	0	00:02	0.47
U-651	CONDUIT	11.37	0	00:00	8.01	2	12:21	18.40	12.33	0	00:00	1.00	0	00:00	0.47
U-652	CONDUIT	11.93	0	00:00	9.21	0	00:02	39.07	10.58	0	00:00	1.00	0	00:00	0.47
U-653	CONDUIT	4.37	0	00:02	3.94	2	12:08	34.34	3.86	0	00:02	1.00	0	00:02	0.84
U-656	CONDUIT	3.47	0	00:03	3.09	0	00:04	29.21	4.62	0	00:02	1.00	0	00:04	1.17
U-657	CONDUIT	2.78	0	21:06	2.28	1	07:40	24.79	2.50	0	00:05	1.00	0	00:05	1.20
U-659-NEW	CONDUIT	9.20	0	00:00	4.03	2	12:14	33.24	5.43	0	00:00	1.00	0	00:00	0.59
U-66	CONDUIT	4.64	3	00:59	4.13	3	00:49	37.90	4.11	3	00:59	1.00	0	01:30	1.20
U-663	CONDUIT	7.22	3	00:48	5.87	3	00:51	57.43	6.40	3	01:34	1.00	1	20:52	1.20
U-668	CONDUIT	6.26	2	12:46	5.98	2	12:00	49.87	5.74	2	12:46	1.00	1	18:15	1.20
U-671	CONDUIT	5.59	2	14:13	5.16	2	14:13	47.85	5.21	2	14:13	1.00	1	08:41	1.20
U-674	CONDUIT	6.88	2	14:17	4.28	2	14:17	24.79	3.47	3	01:19	1.00	2	11:58	1.60
U-675	CONDUIT	13.05	2	13:16	10.22	3	02:45	33.64	6.49	2	13:16	1.00	2	06:34	1.60
U-678	CONDUIT	11.94	3	05:57	8.66	2	10:11	36.60	6.02	3	05:57	1.00	1	17:55	1.60
U-68	CONDUIT	4.28	3	01:30	3.80	3	01:17	37.10	3.78	3	01:30	1.00	0	01:16	1.20
U-681	CONDUIT	34.02	3	00:47	29.50	3	00:48	53.04	16.92	3	00:47	1.00	1	00:39	1.60
U-682	CONDUIT	33.13	3	00:47	32.62	3	00:48	63.03	26.99	3	00:47	1.00	0	23:40	1.25
U-684	CONDUIT	8.07	0	13:03	6.95	0	07:02	2.58	6.57	0	13:03	1.00	0	00:53	1.25
U-685	CONDUIT	9.29	3	00:10	8.04	3	00:10	31.67	7.57	3	00:10	1.00	0	01:07	1.25
U-686	CONDUIT	6.04	0	07:38	5.79	0	14:25	40.98	4.93	0	07:38	1.00	0	01:07	1.25
U-687	CONDUIT	13.00	1	09:23	11.07	2	08:50	8.93	2.87	1	09:23	1.00	0	04:23	2.40
U-688	CONDUIT	9.59	2	11:40	7.10	2	10:50	9.24	2.12	2	11:40	1.00	0	04:24	2.40
U-690	CONDUIT	3.52	3	00:22	3.23	3	00:23	41.20	4.48	3	00:22	1.00	1	01:53	1.00
U-694	CONDUIT	3.00	3	05:18	2.63	3	04:38	34.83	3.83	3	05:18	1.00	1	01:53	1.00
U-695	CONDUIT	6.10	2	11:23	3.99	2	09:49	5.90	1.35	2	11:23	1.00	1	14:40	2.40
U-696	CONDUIT	7.59	3	04:01	5.74	2	11:09	12.50	3.77	3	04:01	1.00	1	06:27	1.60
U-70	CONDUIT	4.56	3	00:51	3.59	3	00:42	23.24	4.03	3	00:51	1.00	0	01:02	1.20
U-701	CONDUIT	10.25	2	14:57	6.08	2	11:04	0.16	3.26	2	14:57	1.00	0	06:44	2.00

U-704	CONDUIT	5.19	3	00:30	4.92	3	00:23	23.60	2.93	3	00:30	1.00	0	06:02	1.50
U-706	CONDUIT	5.53	3	00:37	4.49	3	00:37	0.13	4.51	3	00:37	1.00	2	11:36	1.25
U-707	CONDUIT	4.71	2	11:08	3.50	2	12:15	6.05	1.50	2	11:08	1.00	0	21:11	2.00
U-708	CONDUIT	10.05	3	00:18	8.74	3	00:01	19.86	3.20	3	00:18	1.00	0	06:24	2.00
U-71	CONDUIT	4.37	3	01:26	3.58	3	01:07	25.57	3.86	3	01:26	1.00	0	00:57	1.20
U-710	CONDUIT	16.89	2	19:09	12.50	2	18:46	6.72	5.38	2	19:09	1.00	0	06:24	2.00
U-711	CONDUIT	15.10	3	00:16	11.81	2	20:09	9.82	3.34	3	00:16	1.00	0	06:33	2.40
U-717	CONDUIT	22.02	2	23:13	15.58	2	12:08	13.83	4.87	2	23:13	1.00	0	04:11	2.40
U-718	CONDUIT	14.90	2	23:58	12.64	2	15:44	16.24	3.29	2	23:58	1.00	0	04:12	2.40
U-719	CONDUIT	27.07	2	21:55	21.30	3	00:08	4.79	2.35	2	21:55	1.00	0	06:22	3.83
U-720	CONDUIT	7.98	3	02:00	7.43	3	02:59	60.33	10.17	3	02:00	1.00	0	00:09	1.00
U-721-NEW	CONDUIT	14.60	2	12:34	8.95	1	09:00	28.37	7.26	2	12:34	1.00	0	00:03	1.57
U-725	CONDUIT	12.28	3	02:12	7.88	3	00:03	20.43	6.11	3	02:12	1.00	0	06:32	1.60
U-727	CONDUIT	5.64	2	13:46	4.91	3	01:07	26.98	4.99	2	13:46	1.00	2	12:02	1.20
U-729	CONDUIT	5.23	2	13:12	4.69	2	12:54	37.69	6.74	2	13:12	1.00	2	11:37	1.00
U-73	CONDUIT	5.57	3	01:15	4.30	3	01:15	24.32	4.93	3	01:15	1.00	0	00:48	1.20
U-731	CONDUIT	4.37	2	13:05	4.06	2	12:48	43.91	5.67	2	12:27	1.00	1	04:41	1.00
U-732	CONDUIT	8.11	3	05:58	5.16	1	08:56	34.09	10.32	3	05:58	1.00	0	23:03	1.00
U-734	CONDUIT	5.61	3	03:33	5.21	2	07:21	48.38	7.14	3	03:33	1.00	0	22:52	1.00
U-736	CONDUIT	6.03	3	05:37	4.96	3	05:37	50.73	7.69	3	05:37	1.00	1	09:26	1.00
U-738	CONDUIT	4.08	2	11:10	3.37	2	12:35	40.70	5.36	2	11:10	1.00	2	07:21	1.00
U-74	CONDUIT	5.01	0	11:14	3.08	1	08:03	17.09	4.43	0	11:14	1.00	0	00:45	1.20
U-740	CONDUIT	4.22	2	16:10	3.71	2	13:12	27.75	5.37	2	16:10	1.00	1	09:31	1.00
U-741	CONDUIT	3.17	2	12:16	1.83	2	12:07	30.91	4.04	2	12:16	1.00	2	11:22	1.00
U-743	CONDUIT	3.13	2	12:04	2.33	2	12:16	27.22	3.98	2	12:04	1.00	2	11:49	1.00
U-745	CONDUIT	3.39	2	12:16	2.76	2	12:17	30.38	4.58	2	12:16	1.00	2	11:59	1.00
U-747	CONDUIT	2.97	2	14:45	2.40	2	12:08	31.21	4.10	2	14:45	1.00	2	12:03	1.00
U-749	CONDUIT	2.94	2	12:34	2.88	2	14:46	27.84	4.06	2	12:34	1.00	2	11:46	1.00
U-75	CONDUIT	5.39	3	00:49	3.92	0	21:49	28.68	4.76	3	00:49	1.00	0	00:45	1.20
U-751	CONDUIT	3.53	2	11:53	2.86	2	12:26	22.48	4.50	2	11:53	1.00	2	11:46	1.00
U-753	CONDUIT	2.96	2	12:34	2.25	2	12:24	21.64	3.77	2	12:25	1.00	2	09:32	1.00
U-755	CONDUIT	5.04	2	18:30	4.00	2	11:18	27.18	4.61	2	18:30	1.00	2	11:51	1.20
U-763	CONDUIT	2.80	2	12:15	2.80	2	12:15	16.99	2.47	2	12:15	1.00	2	11:56	1.20
U-766	CONDUIT	2.80	2	12:15	2.80	2	12:15	8.48	1.39	2	12:15	1.00	2	12:11	1.60
U-769	CONDUIT	5.10	2	12:15	5.09	2	12:15	17.04	2.58	2	12:15	0.95	2	12:15	1.60
U-77	CONDUIT	4.91	3	00:59	4.21	3	01:21	32.22	4.34	3	00:59	1.00	0	00:40	1.20
U-772	CONDUIT	5.09	2	12:15	5.06	2	12:16	14.48	2.84	2	12:15	0.84	2	12:15	1.60
U-775	CONDUIT	5.83	2	12:15	5.69	2	12:16	4.12	2.58	2	12:15	0.50	2	12:15	2.40
U-778	CONDUIT	8.69	2	13:54	8.60	2	12:48	75.97	7.76	2	13:54	0.99	2	12:15	1.20
U-783	CONDUIT	4.15	2	14:03	3.09	2	12:12	23.34	3.67	2	14:03	1.00	2	08:20	1.20
U-786	CONDUIT	3.54	2	14:52	2.97	2	12:10	13.19	1.76	2	14:52	1.00	2	10:55	1.60
U-789	CONDUIT	8.10	2	11:58	7.24	2	13:04	21.07	4.03	2	11:58	1.00	2	11:00	1.60
U-792	CONDUIT	7.46	2	13:54	6.61	2	13:04	26.96	3.71	2	13:54	1.00	2	11:00	1.60
U-795	CONDUIT	13.59	2	13:39	10.93	2	12:21	5.16	3.00	2	13:39	1.00	2	11:38	2.40
U-796	CONDUIT	6.42	2	15:28	6.27	2	15:45	56.01	5.68	2	15:28	1.00	2	08:20	1.20
U-8	CONDUIT	11.92	3	02:01	8.05	2	08:16	0.50	3.79	3	02:01	1.00	0	07:44	2.00
U-801	CONDUIT	5.85	2	15:55	3.85	2	15:51	32.33	5.17	2	15:55	1.00	2	07:30	1.20
U-804	CONDUIT	4.86	2	15:55	3.51	2	15:51	17.85	2.42	2	15:55	1.00	2	08:21	1.60
U-807	CONDUIT	7.63	2	15:34	5.66	2	15:40	22.70	3.80	2	15:34	1.00	2	08:21	1.60
U-81	CONDUIT	4.90	3	01:09	4.24	3	01:08	24.74	4.33	3	01:09	1.00	0	00:36	1.20
U-810	CONDUIT	6.99	2	15:13	5.70	2	15:50	23.26	3.48	2	15:13	1.00	2	08:21	1.60
U-811	CONDUIT	16.78	2	13:33	9.07	2	14:17	12.08	5.34	2	13:33	1.00	2	09:59	2.00
U-815	CONDUIT	5.90	2	15:57	4.84	2	16:14	10.08	1.88	2	15:57	1.00	2	09:58	2.00
U-816	CONDUIT	6.60	2	15:57	4.71	2	16:14	37.15	5.84	2	15:57	1.00	2	07:28	1.20
U-82	CONDUIT	3.58	3	01:03	3.02	3	00:59	28.82	3.16	3	01:03	1.00	0	00:33	1.20
U-820	CONDUIT	6.87	2	15:58	6.12	2	16:08	35.40	6.07	2	15:58	1.00	2	06:30	1.20
U-823	CONDUIT	6.21	2	15:58	6.03	2	15:59	20.80	3.09	2	15:58	1.00	2	08:14	1.60
U-826	CONDUIT	7.51	2	15:59	5.50	2	15:40	25.80	3.73	2	15:59	1.00	2	08:14	1.60
U-829	CONDUIT	7.02	2	16:19	5.41	2	16:23	23.56	3.49	2	16:19	1.00	2	08:14	1.60
U-83	CONDUIT	3.52	2	23:26	3.49	2	23:26	23.59	3.12	2	23:26	1.00	0	00:29	1.19

U-832	CONDUIT	11.10	2	10:56	6.29	2	16:19	12.45	5.52	2	10:56	1.00	2	08:12	1.60
U-833	CONDUIT	8.11	2	11:35	6.65	2	11:21	6.58	2.67	0	06:09	1.00	2	10:05	2.40
U-834-EAC	CONDUIT	21.96	3	00:38	15.37	0	15:17	5.60	3.11	3	00:38	1.00	0	05:59	3.00
U-835	CONDUIT	11.18	2	22:28	10.25	0	22:20	1.06	3.56	2	22:28	1.00	0	05:08	2.00
U-837	CONDUIT	17.86	2	23:56	12.63	2	20:41	1.74	5.69	2	23:56	1.00	0	05:09	2.00
U-838	CONDUIT	16.95	2	23:51	11.96	2	22:43	17.39	5.40	2	23:51	1.00	0	06:43	2.00
U-839	CONDUIT	11.79	2	22:47	11.20	2	22:48	17.97	3.75	2	22:47	1.00	0	06:44	1.99
U-840	CONDUIT	11.88	2	22:48	9.90	3	00:29	16.57	3.78	2	22:48	1.00	0	06:44	2.00
U-841	CONDUIT	16.44	2	22:38	11.08	3	00:40	6.59	3.63	2	22:38	1.00	0	06:44	2.40
U-842	CONDUIT	9.84	3	00:29	8.51	2	23:09	47.58	8.10	3	00:29	1.00	0	06:40	1.25
U-846	CONDUIT	2.32	2	11:52	2.31	2	11:53	0.87	2.73	2	11:48	1.00	2	11:54	1.25
U-847	CONDUIT	3.29	3	00:18	3.29	3	00:18	1.52	3.90	3	00:18	1.00	2	12:09	1.25
U-848	CONDUIT	6.36	3	00:18	2.71	2	11:31	45.77	5.79	3	00:18	1.00	0	20:17	1.20
U-851	CONDUIT	2.18	2	11:55	1.77	2	11:57	19.19	1.93	2	11:55	1.00	0	08:29	1.20
U-852	CONDUIT	3.44	2	11:55	2.98	2	11:33	20.92	3.04	2	11:55	1.00	0	08:29	1.20
U-854	CONDUIT	5.61	2	08:45	3.56	2	11:55	11.60	2.79	2	08:45	1.00	0	08:54	1.60
U-856	CONDUIT	7.89	3	03:29	3.50	2	11:46	12.10	3.93	3	03:29	1.00	0	08:54	1.60
U-858	CONDUIT	4.11	2	11:33	3.17	2	07:21	12.13	2.04	2	11:33	1.00	0	08:55	1.60
U-860	CONDUIT	2.96	2	13:06	2.96	2	13:07	11.93	1.47	2	13:06	1.00	0	08:55	1.60
U-863	CONDUIT	4.46	2	10:58	3.12	2	09:03	14.52	2.52	2	10:58	1.00	0	08:44	1.50
U-864	CONDUIT	16.40	2	21:19	9.56	2	20:05	0.92	3.63	2	21:19	1.00	0	04:47	2.40
U-865	CONDUIT	11.38	0	18:52	9.34	0	21:15	0.64	2.52	0	18:52	1.00	0	04:47	2.40
U-866	CONDUIT	5.72	3	05:38	5.07	2	08:07	32.58	5.06	3	05:38	1.00	0	01:08	1.20
U-867	CONDUIT	4.29	0	00:00	3.46	2	12:15	1.87	5.55	0	00:00	1.00	0	00:00	0.39
U-868	CONDUIT	6.19	2	12:15	6.19	2	12:15	1.90	5.47	2	12:15	1.00	0	00:00	0.47
U-869	CONDUIT	11.11	0	00:00	4.97	0	00:01	3.79	5.70	0	00:00	1.00	0	00:00	0.63
U-871	CONDUIT	11.87	0	00:00	8.47	0	06:28	1.56	6.10	0	00:00	1.00	0	00:00	0.63
U-872	CONDUIT	13.94	0	08:15	9.95	2	08:27	6.13	3.27	0	00:00	1.00	0	00:00	1.75
U-874-NEW	CONDUIT	4.94	0	00:00	4.45	2	12:12	15.69	6.39	0	00:00	1.00	0	00:00	0.47
U-875	CONDUIT	14.11	0	09:14	14.09	1	09:00	1.30	7.02	0	09:14	1.00	0	05:13	0.63
U-878	CONDUIT	10.21	0	08:48	9.32	0	09:11	35.50	5.33	0	08:48	1.00	0	00:05	1.53
U-879	CONDUIT	10.89	2	08:13	9.91	2	21:30	39.03	5.42	2	08:13	1.00	0	00:04	1.60
U-88	CONDUIT	6.79	2	16:40	5.72	2	17:15	22.12	4.86	2	16:40	1.00	0	00:30	1.32
U-880	CONDUIT	27.48	2	10:14	17.50	1	11:04	0.72	6.97	2	10:14	1.00	0	00:05	2.40
U-885	CONDUIT	18.41	0	00:00	5.86	2	16:18	25.59	9.16	0	00:00	1.00	0	00:00	0.63
U-90	CONDUIT	7.42	2	08:02	6.01	2	13:45	31.01	5.32	2	08:02	1.00	0	04:19	1.32
U-91	CONDUIT	7.46	3	01:23	5.57	2	09:53	43.25	6.60	3	01:23	1.00	2	05:18	1.20
U-92	CONDUIT	14.72	3	01:06	9.88	3	01:06	13.60	5.28	3	01:21	1.00	2	10:09	2.00
U-96	CONDUIT	7.43	2	15:26	6.50	2	16:14	34.83	5.32	2	15:26	1.00	0	08:04	1.03
U-97	CONDUIT	6.63	2	15:03	5.52	2	16:20	41.92	5.86	2	15:03	1.00	0	07:02	0.97
U-98	CONDUIT	9.39	0	09:45	7.50	0	06:37	15.03	8.30	0	09:45	1.00	0	00:03	1.19
U-99	CONDUIT	6.98	2	15:49	6.77	2	15:49	32.02	5.00	2	15:49	1.00	0	00:03	1.20
PS-HC1-LAG	PUMP	8.00	0	07:46	8.00	0	07:47	1.00							
PS-HC1-LEAD	PUMP	8.00	0	07:46	8.00	0	07:47	1.00							
W-WELL3D-NEW	WEIR	123.00	2	19:36	52.79	2	13:55					1.00	2	12:36	
W-WELL4-11-NEW	WEIR	2.92	2	14:18	2.26	2	12:12					0.10	2	16:27	
W-WELL6A-NEW	WEIR	23.47	2	07:36	9.75	2	07:37					0.79	2	07:36	
W-WELL6D-NEW	WEIR	0.00	0	00:00	0.00	0	00:00					0.00	0	00:00	
W-WELL7D-NEW	WEIR	35.75	2	21:06	24.66	2	12:24					0.95	2	20:52	
W1-10-NEW	WEIR	18.92	2	08:50	8.75	2	20:06					0.58	2	08:50	
W1-26-NEW	WEIR	107.13	3	00:50	73.21	2	16:26					1.00	2	08:03	
W3-56-NEW	WEIR	67.92	3	00:58	42.55	3	00:32					1.00	2	10:24	
W5-2-NEW	WEIR	15.54	1	21:22	7.19	2	08:45					0.39	2	20:36	
W6A-26-NEW	WEIR	5.10	2	13:35	5.10	2	13:36					0.21	2	13:35	
WA-10	WEIR	58.87	2	23:50	35.95	2	22:54					1.00	2	11:55	
WA-4-NEW	WEIR	145.51	2	08:11	75.82	2	08:01					1.00	0	06:28	
WEIR-11	WEIR	3.24	2	12:55	3.20	2	12:51					0.16	2	15:35	
WEIR-13	WEIR	3.53	2	13:30	3.52	2	13:35					0.14	2	13:24	
WEIR-15	WEIR	4.30	2	21:32	3.39	2	12:39					0.25	2	22:36	
WEIR-17	WEIR	13.85	2	21:10	10.12	3	00:36					0.60	2	19:47	

WEIR-19	WEIR	5.40	3	00:01	3.93	2	23:55	0.31	2	16:14
WEIR-21	WEIR	0.78	2	12:15	0.78	2	12:16	0.05	2	12:15
WEIR-23	WEIR	3.30	2	12:15	3.28	2	12:15	0.13	2	12:15
WEIR-25	WEIR	2.37	2	09:33	1.42	2	12:55	0.16	2	09:33
WEIR-27	WEIR	1.06	3	00:16	0.00	2	08:08	0.10	3	00:16
WEIR-29	WEIR	0.65	3	00:16	0.49	2	13:00	0.07	3	00:16
WEIR-3	WEIR	6.99	3	03:49	2.84	2	13:02	0.24	2	16:07
WEIR-31	WEIR	0.56	2	15:20	0.56	2	15:20	0.07	2	15:19
WEIR-33	WEIR	7.44	2	23:30	5.27	2	12:11	0.29	2	23:30
WEIR-35	WEIR	3.76	2	23:28	0.82	2	12:30	0.15	2	23:44
WEIR-37	WEIR	4.30	2	13:10	2.57	2	13:11	0.17	2	13:10
WEIR-39	WEIR	4.00	2	12:20	3.79	2	12:21	0.19	2	14:09
WEIR-41	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-43	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-45	WEIR	1.33	2	12:34	1.33	2	12:36	0.10	3	00:06
WEIR-47	WEIR	6.15	2	17:33	3.89	2	18:42	0.23	3	01:03
WEIR-49	WEIR	8.66	3	01:11	4.42	2	12:15	0.29	3	01:11
WEIR-5	WEIR	3.07	2	15:57	1.81	2	12:56	0.24	2	16:07
WEIR-51	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-53	WEIR	7.48	3	01:14	7.08	3	00:27	0.76	2	17:59
WEIR-55	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-57	WEIR	8.70	2	12:08	4.87	2	22:22	0.36	3	00:13
WEIR-59	WEIR	3.39	2	12:03	1.85	2	18:22	0.22	2	14:54
WEIR-61	WEIR	2.04	2	12:27	2.04	2	12:27	0.10	2	11:52
WEIR-63	WEIR	9.28	2	11:45	6.41	2	22:44	1.00	2	09:58
WEIR-65	WEIR	1.22	3	01:05	0.69	2	12:56	0.09	3	01:05
WEIR-67	WEIR	15.96	2	12:02	12.83	2	12:03	0.47	2	12:32
WEIR-69	WEIR	11.76	2	21:09	7.45	2	22:05	0.41	2	21:08
WEIR-7	WEIR	2.68	2	13:49	2.17	2	16:15	0.25	2	14:54
WEIR-71	WEIR	2.03	2	22:01	1.23	2	14:57	0.10	2	22:01
WEIR-73	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-75	WEIR	0.55	2	12:52	0.55	2	12:54	0.22	2	12:56
WEIR-77	WEIR	4.17	2	18:15	3.60	2	19:58	0.25	2	23:24
WEIR-79	WEIR	3.88	2	20:10	2.91	2	21:03	0.17	2	20:10
WEIR-81	WEIR	1.07	2	18:15	0.71	2	14:00	0.07	2	20:23
WEIR-83	WEIR	4.09	2	12:59	2.91	2	12:51	0.19	2	13:09
WEIR-85	WEIR	4.44	2	22:23	2.84	2	19:52	0.25	2	22:23
WEIR-87	WEIR	5.33	2	22:23	2.87	2	12:51	0.25	2	22:23
WEIR-9	WEIR	5.08	2	14:34	3.29	2	18:38	0.36	2	14:39
WEIR-J-748	WEIR	69.55	0	21:48	45.70	0	12:16	1.00	0	06:01
WEIR-J-754-STANTECT	WEIR	99.11	3	05:30	63.66	1	16:04	1.00	0	05:03
WEIR-J-799-EAC	WEIR	2.14	0	08:18	2.13	3	01:02	1.00	0	05:59
CDT-19	DUMMY	4.62	2	09:59	4.62	2	10:00			
CDT-21	DUMMY	2.84	2	06:05	2.84	2	11:26			
CDT-23	DUMMY	1.41	0	05:41	1.41	0	21:10			
CDT-25	DUMMY	3.85	2	07:26	3.85	2	08:02			
CDT-27	DUMMY	2.06	0	07:34	2.06	1	03:33			
CDT-29	DUMMY	1.44	0	09:25	1.44	2	07:42			
CDT-31	DUMMY	2.27	0	20:01	2.27	1	09:53			
CDT-33	DUMMY	1.95	1	23:21	1.95	1	23:22			
CDT-35	DUMMY	0.00	0	00:00	0.00	0	00:00			
CDT-37	DUMMY	3.79	1	13:13	3.80	2	07:47			
CDT-39	DUMMY	2.27	0	09:54	2.27	2	09:28			
CDT-41	DUMMY	1.90	2	07:05	1.90	2	07:06			
CDT-43	DUMMY	0.63	0	20:54	0.63	1	09:37			
CDT-45	DUMMY	1.21	0	08:56	1.21	1	08:30			
CDT-47	DUMMY	1.28	2	11:52	1.28	2	11:53			
CDT-49	DUMMY	1.28	0	06:26	1.28	0	06:38			
CDT-51	DUMMY	1.28	0	07:10	1.28	0	07:11			
CDT-53	DUMMY	3.30	0	00:00	3.30	0	00:05			

CDT-55	DUMMY	1.90	2	11:15	1.90	2	11:52
CDT-57	DUMMY	1.28	0	21:13	1.28	0	22:52
CDT-59	DUMMY	2.84	2	11:52	2.84	2	12:04
CDT-61	DUMMY	1.28	0	23:37	1.28	0	23:40
CDT-63	DUMMY	2.84	2	07:50	2.84	2	10:17
J33A_OUTFALL	DUMMY	2.82	2	08:13	2.82	2	11:05
J567_OUTFALL	DUMMY	2.82	2	11:52	2.82	2	11:53
U-331	DUMMY	1.70	0	05:50	1.70	1	06:13
W-ENID-DRIVE	DUMMY	3.79	0	05:10	3.80	0	06:08
WELL-W-MCINTYRE	DUMMY	3.79	0	06:11	3.80	0	06:12

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  Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C-WELL3W	1.25	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C-WELL4E	1.41	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-101	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-103	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-105	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-107	2.11	0.34	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00
CDT-109	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-11	1.00	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-111	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-113	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-115	2.44	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-121	70.04	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-123	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-125	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-173	5.03	0.10	0.00	0.00	0.35	0.00	0.01	0.55	0.01	0.00
CDT-175	5.03	0.06	0.00	0.00	0.35	0.00	0.00	0.59	0.01	0.00
CDT-177	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-179	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-181	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-183	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-185	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-187	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-189	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-191	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-193	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-195	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-197	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-199	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-201	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-205	35.11	0.00	0.82	0.00	0.18	0.00	0.00	0.00	0.04	0.00
CDT-207	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-209	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-211	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-213	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-215	35.11	0.00	0.75	0.00	0.24	0.00	0.00	0.00	0.02	0.00
CDT-217	37.56	0.00	0.83	0.00	0.17	0.00	0.00	0.00	0.04	0.00
CDT-219	35.11	0.00	0.83	0.00	0.17	0.00	0.00	0.00	0.03	0.00
CDT-221	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-223	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-225	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-227	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-229	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-231	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-233	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-235	35.11	0.00	0.80	0.00	0.20	0.00	0.00	0.00	0.03	0.00
CDT-237	40.98	0.00	0.80	0.00	0.20	0.00	0.00	0.00	0.01	0.00
CDT-239	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-241	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-243	40.98	0.00	0.80	0.00	0.20	0.00	0.00	0.00	0.00	0.00
CDT-245	40.98	0.00	0.80	0.00	0.20	0.00	0.00	0.00	0.00	0.00
CDT-247	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-249	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-251	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-253	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-255	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-257	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-259	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-261	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-263	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-265	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-267	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-269	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-271	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-273	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-275	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-277	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-279	35.11	0.05	0.48	0.00	0.47	0.00	0.00	0.00	0.43	0.00
CDT-281	35.11	0.02	0.85	0.00	0.13	0.00	0.00	0.00	0.06	0.00
CDT-283	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-285	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

CDT-287	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-289	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-291	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-293	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-295	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-297	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-299	3.52	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-439	1.00	0.05	0.00	0.00	0.94	0.00	0.00	0.02	0.00	0.00
CDT-525	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-539	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-87	14.60	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
CDT-91	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-93	2.11	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
CDT-95	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-97	2.11	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-99	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J-963_OUTFALL	1.45	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J561_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J575_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J920_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
LINK-WELL-2	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-102	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-104	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-105	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-11	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-113	1.00	0.03	0.00	0.00	0.95	0.00	0.00	0.02	0.00	0.00
U-114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-118	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-122	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-125	1.00	0.03	0.00	0.00	0.95	0.00	0.01	0.01	0.00	0.00
U-129	1.20	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-141	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.05
U-150	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-153	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-155	1.34	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-161	1.00	0.10	0.00	0.00	0.78	0.00	0.00	0.12	0.00	0.00
U-165	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-167	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-17	1.62	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-172	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-176	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-177	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-181	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-184	1.00	0.03	0.00	0.00	0.94	0.00	0.00	0.03	0.00	0.00
U-186	1.00	0.04	0.00	0.00	0.59	0.00	0.01	0.35	0.00	0.03
U-191	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-193	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-195	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-197	1.18	0.01	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-199	1.00	0.04	0.00	0.00	0.86	0.00	0.00	0.09	0.00	0.03
U-20	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-200	1.00	0.06	0.00	0.00	0.92	0.00	0.00	0.02	0.00	0.01
U-201	1.00	0.07	0.00	0.00	0.79	0.00	0.00	0.14	0.00	0.05
U-202	1.00	0.07	0.00	0.00	0.82	0.00	0.05	0.06	0.00	0.03
U-203	1.00	0.01	0.00	0.00	0.93	0.00	0.06	0.00	0.00	0.00
U-204	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-206	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-207	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-208	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-211	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00

U-213	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-214	1.06	0.00	0.73	0.00	0.27	0.00	0.00	0.00	0.00	0.70
U-22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-220	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-221	1.57	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-227	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-228	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-231	1.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-232	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.15
U-233	1.00	0.03	0.00	0.00	0.83	0.00	0.00	0.13	0.00	0.00
U-237	1.00	0.00	0.00	0.00	0.95	0.00	0.05	0.00	0.00	0.00
U-239	1.00	0.00	0.00	0.00	0.95	0.00	0.05	0.00	0.00	0.00
U-240	1.00	0.00	0.00	0.00	0.90	0.00	0.00	0.09	0.00	0.00
U-242	1.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-244	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-245	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-249	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-25	1.78	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-253	1.00	0.01	0.00	0.00	0.94	0.00	0.05	0.00	0.00	0.00
U-254	1.28	0.08	0.00	0.00	0.85	0.00	0.02	0.05	0.00	0.01
U-256	1.30	0.06	0.00	0.00	0.92	0.00	0.00	0.02	0.00	0.00
U-259	1.00	0.00	0.00	0.00	0.96	0.00	0.03	0.00	0.00	0.00
U-26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-260	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-261	1.00	0.19	0.00	0.00	0.24	0.00	0.00	0.56	0.00	0.34
U-262-NEW	1.40	0.04	0.00	0.00	0.32	0.00	0.01	0.62	0.01	0.00
U-263	1.00	0.00	0.13	0.00	0.87	0.00	0.00	0.00	0.00	0.41
U-265	1.72	0.19	0.00	0.00	0.63	0.00	0.00	0.17	0.00	0.74
U-267	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-270	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-271	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-274	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-277	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-280	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-286	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-289	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-290	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-291	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-293	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-294	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-295	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-298	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-299	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-300	1.02	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-304	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
U-309	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-312	1.00	0.24	0.00	0.00	0.30	0.00	0.09	0.38	0.00	0.01
U-315	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-316	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-319	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-322	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-325	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.00
U-327	1.00	0.01	0.00	0.00	0.64	0.00	0.00	0.34	0.00	0.00
U-328	1.00	0.01	0.00	0.00	0.94	0.00	0.00	0.05	0.00	0.00
U-330	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-332	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.01
U-335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-337	1.13	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-344	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-345	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-346	1.01	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-347	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-348	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-35	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-351	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-352	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-353	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-354	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-357	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-358	1.00	0.00	0.00	0.00	0.86	0.00	0.00	0.13	0.00	0.07
U-364	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-364A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-366	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-37	1.35	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-372	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-373	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-376	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-379	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-38	1.59	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-382	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-385	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-386	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-388	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-390	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-391	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.01
U-392	1.79	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-394	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-397	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-398	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-399	1.00	0.00	0.00	0.00	0.86	0.00	0.00	0.13	0.00	0.00
U-402	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-404	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-406	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-407	1.00	0.05	0.00	0.00	0.94	0.00	0.00	0.01	0.00	0.00
U-408	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-409	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-411	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-412	1.00	0.18	0.13	0.00	0.43	0.00	0.24	0.02	0.00	0.03
U-413	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-414	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-415	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-417	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-418	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-419	1.55	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-421	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-428	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-430	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-434	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-437	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-439	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-44	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-440	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-441	1.00	0.01	0.02	0.00	0.86	0.00	0.00	0.11	0.00	0.00
U-443	1.00	0.03	0.00	0.00	0.74	0.00	0.00	0.23	0.00	0.03
U-445	1.00	0.03	0.00	0.00	0.91	0.00	0.00	0.06	0.00	0.01
U-447	2.20	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-448	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-449	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.01	0.00	0.00
U-45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-450	1.00	0.03	0.00	0.00	0.89	0.00	0.00	0.07	0.00	0.03
U-451	1.00	0.03	0.00	0.00	0.88	0.00	0.00	0.09	0.00	0.03
U-452	1.00	0.03	0.00	0.00	0.91	0.00	0.00	0.06	0.00	0.01
U-454	1.00	0.03	0.00	0.00	0.86	0.00	0.01	0.10	0.00	0.29
U-456	1.62	0.03	0.00	0.00	0.59	0.00	0.01	0.37	0.00	0.33
U-463	1.00	0.00	0.03	0.00	0.59	0.00	0.03	0.34	0.00	0.40
U-464	1.00	0.00	0.00	0.00	0.86	0.00	0.00	0.14	0.00	0.08
U-466	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-468	2.01	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.23
U-468-NEW	1.00	0.04	0.00	0.00	0.88	0.00	0.00	0.08	0.02	0.00
U-469	1.32	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-48	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-483	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-486	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-489	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.25
U-492	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-495	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-496	1.00	0.00	0.00	0.00	0.93	0.00	0.00	0.07	0.00	0.05
U-497	1.00	0.00	0.00	0.00	0.57	0.00	0.00	0.43	0.00	0.41
U-498	1.00	0.00	0.00	0.00	0.04	0.00	0.00	0.96	0.00	0.74
U-5	2.12	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.05
U-50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-500	3.06	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-501	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-502	1.29	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-503	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.09
U-507	1.00	0.00	0.00	0.00	0.80	0.00	0.00	0.19	0.00	0.05
U-509	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.08
U-513	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-514	1.00	0.00	0.00	0.00	0.94	0.00	0.02	0.04	0.00	0.08
U-518-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-519-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-522	1.00	0.27	0.03	0.00	0.11	0.00	0.60	0.00	0.00	0.00
U-523	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-524-NEW	8.39	0.82	0.04	0.00	0.14	0.00	0.00	0.00	0.07	0.00
U-525	1.00	0.82	0.00	0.00	0.15	0.00	0.00	0.03	0.00	0.01
U-526	1.00	0.82	0.00	0.00	0.12	0.00	0.06	0.00	0.00	0.00
U-527	1.00	0.82	0.00	0.00	0.12	0.00	0.06	0.00	0.00	0.00
U-53	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-530	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-531	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-533	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.07
U-534-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-537	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-538	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-54	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-545	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-547	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-548	4.71	0.00	0.05	0.00	0.85	0.00	0.10	0.00	0.00	0.03
U-549	4.50	0.04	0.01	0.00	0.93	0.00	0.02	0.00	0.00	0.22
U-55	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-550	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-555	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-559	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-56	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-562	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-565	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-568	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-569	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-570	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.02
U-572	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-573	1.03	0.00	0.03	0.00	0.95	0.00	0.03	0.00	0.00	0.35
U-574	1.43	0.00	0.03	0.00	0.94	0.00	0.02	0.01	0.00	0.22
U-575	1.93	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-580	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-583	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-584	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-587	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-589	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-59	7.04	0.00	0.27	0.00	0.13	0.00	0.60	0.00	0.00	0.00
U-590	1.00	0.01	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-591	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-596	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-599	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-60	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-601	1.00	0.01	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-604	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-608	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-609	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-612	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-614	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.07
U-616	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-618	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-620	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-621	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-623	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-625	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-628	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-629	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-632	1.97	0.01	0.00	0.00	0.84	0.15	0.00	0.00	0.00	0.63
U-633	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-637	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-64	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-640	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-643	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-646	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-648	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-649	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-651	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-652	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-653	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-656	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-657	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-659-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-66	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-663	1.00	0.11	0.00	0.00	0.82	0.00	0.00	0.06	0.00	0.00
U-668	1.00	0.09	0.00	0.00	0.48	0.00	0.00	0.43	0.00	0.00
U-671	1.00	0.08	0.00	0.00	0.45	0.00	0.00	0.47	0.00	0.00
U-674	1.00	0.08	0.00	0.00	0.40	0.00	0.00	0.51	0.00	0.00
U-675	1.00	0.08	0.00	0.00	0.66	0.00	0.04	0.22	0.00	0.01
U-678	1.00	0.08	0.00	0.00	0.39	0.00	0.00	0.52	0.00	0.02
U-68	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-681	1.00	0.19	0.00	0.00	0.71	0.02	0.04	0.04	0.00	0.05
U-682	1.53	0.20	0.00	0.00	0.16	0.01	0.03	0.59	0.00	0.52
U-684	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-685	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-686	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-687	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-688	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-690	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-694	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-695	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-696	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-70	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-701	3.71	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-704	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-706	12.63	0.00	0.84	0.00	0.13	0.00	0.02	0.00	0.00	0.00
U-707	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-708	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-71	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-710	3.71	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-711	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-717	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-718	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-719	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-720	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-721-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-725	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-727	1.00	0.19	0.00	0.00	0.47	0.00	0.04	0.30	0.00	0.02
U-729	1.00	0.18	0.00	0.00	0.53	0.00	0.01	0.28	0.00	0.11
U-73	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-731	1.00	0.17	0.00	0.00	0.80	0.00	0.01	0.01	0.00	0.00
U-732	1.00	0.17	0.00	0.00	0.58	0.00	0.01	0.25	0.00	0.18
U-734	1.00	0.15	0.00	0.00	0.79	0.00	0.00	0.05	0.00	0.00
U-736	1.00	0.10	0.00	0.00	0.48	0.00	0.00	0.42	0.00	0.02
U-738	1.00	0.10	0.00	0.00	0.53	0.00	0.05	0.32	0.00	0.00
U-74	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-740	1.00	0.14	0.00	0.00	0.78	0.00	0.01	0.07	0.00	0.00
U-741	1.00	0.11	0.00	0.00	0.68	0.00	0.00	0.21	0.00	0.00
U-743	1.00	0.06	0.00	0.00	0.40	0.00	0.00	0.54	0.00	0.01
U-745	1.00	0.06	0.00	0.00	0.83	0.00	0.00	0.11	0.00	0.00
U-747	1.00	0.11	0.00	0.00	0.68	0.00	0.00	0.21	0.00	0.00
U-749	1.00	0.14	0.00	0.00	0.66	0.00	0.00	0.20	0.00	0.00
U-75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-751	1.00	0.16	0.00	0.00	0.82	0.00	0.00	0.01	0.00	0.00
U-753	1.00	0.15	0.00	0.00	0.66	0.00	0.01	0.17	0.00	0.05
U-755	1.00	0.12	0.00	0.00	0.77	0.00	0.00	0.11	0.00	0.00
U-763	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-766	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-769	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-77	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-772	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-775	1.00	0.00	0.00	0.00	0.95	0.00	0.05	0.00	0.00	0.00
U-778	1.00	0.00	0.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00
U-783	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-786	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-789	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-792	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-795	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-796	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-8	3.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-801	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-804	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-807	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-810	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-811	1.09	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-815	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-816	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-820	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-823	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-826	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-829	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-83	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-832	1.33	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-833	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-834-EAC	1.22	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-835	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-837	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-838	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-839	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-840	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-841	1.46	0.00	0.00	0.00	0.97	0.00	0.02	0.00	0.00	0.00
U-842	1.00	0.03	0.00	0.00	0.81	0.00	0.00	0.16	0.00	0.00
U-846	1.00	0.20	0.00	0.00	0.54	0.00	0.00	0.26	0.00	0.40
U-847	1.00	0.22	0.00	0.00	0.12	0.00	0.67	0.00	0.00	0.00
U-848	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.00
U-851	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-852	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-854	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-856	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-858	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-860	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-863	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-864	1.14	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-865	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-866	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-867	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-868	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-869	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-871	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-872	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-874-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-875	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-878	1.00	0.00	0.00	0.00	0.79	0.00	0.00	0.21	0.00	0.04
U-879	1.00	0.00	0.00	0.00	0.57	0.00	0.00	0.43	0.00	0.04
U-88	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-880	1.42	0.00	0.00	0.00	0.99	0.00	0.00	0.01	0.00	0.00
U-885	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-90	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-91	1.00	0.00	0.00	0.00	0.69	0.00	0.02	0.28	0.00	0.00
U-92	1.00	0.00	0.00	0.00	0.83	0.00	0.14	0.02	0.00	0.01
U-96	1.00	0.00	0.00	0.00	0.98	0.00	0.00	0.02	0.00	0.01
U-97	1.00	0.00	0.00	0.00	0.19	0.00	0.00	0.81	0.00	0.00
U-98	2.68	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-99	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
C-WELL3W	77.97	77.97	78.00	0.02	0.00
C-WELL4E	0.00	0.00	0.32	0.00	0.00
CDT-101	16.62	16.63	16.66	0.19	5.77
CDT-103	16.36	16.52	16.66	0.07	1.78
CDT-105	16.16	16.22	16.28	0.09	1.62
CDT-107	19.65	19.72	20.07	0.89	3.24
CDT-109	39.77	41.60	42.87	4.61	15.17
CDT-11	71.92	71.92	72.19	11.81	22.52
CDT-111	41.74	42.95	44.86	6.73	20.79
CDT-113	15.65	15.69	15.66	0.10	5.70
CDT-115	20.42	20.63	20.49	0.21	6.62
CDT-121	21.23	21.59	76.70	0.00	0.15
CDT-123	63.98	64.05	64.06	3.97	14.69
CDT-125	62.46	62.51	62.46	0.14	5.23
CDT-171	33.29	33.39	50.82	0.00	0.20
CDT-177	12.27	13.00	12.61	0.00	5.44
CDT-179	10.57	11.16	10.82	0.00	4.33
CDT-181	13.77	14.04	14.07	0.00	5.33
CDT-183	35.96	37.98	36.76	0.05	15.90
CDT-185	13.77	14.04	14.07	0.00	5.33
CDT-187	63.19	63.20	63.20	0.02	28.01
CDT-189	63.19	63.20	63.20	0.02	29.72
CDT-191	10.57	11.16	10.82	0.00	4.05
CDT-193	20.03	20.27	20.81	0.13	4.16
CDT-195	53.94	53.95	53.95	0.01	4.17
CDT-197	16.40	16.50	16.56	0.04	7.12
CDT-199	15.31	15.42	15.33	0.14	5.87

CDT-201	15.36	15.49	15.39	0.08	2.37
CDT-205	0.00	0.00	16.12	0.00	0.00
CDT-207	14.52	14.64	14.77	0.20	6.76
CDT-209	54.20	54.20	54.20	0.00	9.68
CDT-211	54.20	54.20	54.20	0.00	10.34
CDT-213	24.33	24.71	24.48	0.03	10.90
CDT-215	0.00	0.00	18.42	0.00	0.00
CDT-217	0.00	0.00	17.38	0.00	0.00
CDT-219	0.00	0.00	15.42	0.00	0.00
CDT-221	12.20	12.34	12.27	0.02	2.67
CDT-223	15.65	15.69	15.65	0.03	2.97
CDT-225	12.92	13.11	13.01	0.01	3.12
CDT-227	16.30	16.32	16.33	0.07	7.13
CDT-229	18.05	18.07	18.05	0.01	4.51
CDT-231	18.05	18.05	18.07	0.01	10.58
CDT-233	17.90	18.19	18.02	0.03	1.10
CDT-235	0.00	0.00	16.32	0.00	0.00
CDT-237	0.00	0.00	20.15	0.00	0.00
CDT-239	20.18	20.22	20.18	0.02	1.73
CDT-241	18.05	18.07	18.05	0.01	4.20
CDT-243	0.00	0.00	20.18	0.00	0.00
CDT-245	0.00	0.00	20.18	0.00	0.00
CDT-247	17.53	17.63	17.87	0.13	8.88
CDT-249	18.28	18.33	18.28	0.02	7.78
CDT-251	13.36	13.60	13.45	0.00	3.98
CDT-253	15.78	15.84	15.79	0.04	3.08
CDT-255	20.14	20.24	20.14	0.01	7.27
CDT-257	20.14	20.24	20.14	0.01	4.48
CDT-259	14.86	14.95	15.00	0.12	7.46
CDT-261	15.61	15.70	15.65	0.14	7.89
CDT-263	10.80	11.21	10.94	0.02	3.48
CDT-265	3.42	3.55	3.82	0.18	1.19
CDT-267	3.42	3.55	3.82	0.19	1.49
CDT-269	2.52	2.53	2.53	0.00	0.97
CDT-271	13.39	13.45	13.41	0.04	5.53
CDT-273	25.15	26.27	27.00	0.27	13.40
CDT-275	15.25	15.30	15.42	0.01	2.22
CDT-277	13.56	13.58	13.57	0.07	2.11
CDT-279	0.00	0.00	26.27	0.00	0.00
CDT-281	0.00	0.00	13.57	0.00	0.00
CDT-283	14.95	15.00	15.08	0.01	6.83
CDT-285	13.65	13.71	13.68	0.01	5.15
CDT-287	13.75	13.76	13.77	0.00	4.47
CDT-289	13.93	13.95	13.95	0.02	5.43
CDT-291	50.49	50.82	51.29	0.49	19.44
CDT-293	13.29	13.32	13.39	0.37	8.24
CDT-295	31.09	31.45	33.03	0.36	15.44
CDT-297	18.22	18.24	18.34	0.03	5.61
CDT-299	71.93	71.96	72.77	10.31	35.14
CDT-439	40.03	45.55	41.06	44.32	19.47
CDT-525	71.62	71.65	71.63	6.86	30.42
CDT-539	27.20	27.20	66.88	0.06	7.24
CDT-87	0.00	0.00	0.00	0.13	0.00
CDT-91	60.46	60.46	60.46	0.00	4.13
CDT-93	23.16	23.61	24.29	2.04	8.32
CDT-95	15.75	15.81	15.86	0.11	7.27
CDT-97	15.52	15.64	15.73	0.10	4.73
CDT-99	23.45	24.12	23.64	0.42	7.09
J-963_OUTFALL	78.00	78.00	78.00	5.37	4.26
J561_OUTFALL	77.99	77.99	78.00	76.53	35.55
J575_OUTFALL	77.99	77.99	78.00	2.56	15.97
J920_OUTFALL	78.00	78.00	78.00	77.99	21.19
LINK-WELL-2	71.43	71.43	77.99	4.42	30.46
U-1	67.66	70.40	67.66	36.00	43.40
U-100	49.46	57.03	65.02	55.39	29.65
U-101	63.58	70.26	69.10	76.05	26.77
U-102	60.58	65.04	71.51	57.97	32.48
U-103	69.14	69.14	77.97	76.66	30.68
U-104	77.98	77.98	77.99	60.01	33.39
U-105	71.06	71.08	77.92	73.44	33.70
U-106	73.36	73.36	78.00	3.02	26.52
U-11	69.93	70.26	69.93	22.45	35.84
U-110	74.90	74.93	75.19	51.83	31.77
U-112	72.07	72.07	75.19	17.82	29.24
U-113	70.41	71.77	70.41	60.71	37.72
U-114	72.07	75.19	72.07	24.71	37.96
U-118	71.75	71.75	71.75	44.13	39.73
U-121	65.16	71.53	65.16	43.43	44.13
U-122	66.42	66.42	71.53	44.04	34.97
U-125	34.80	42.70	44.71	39.03	21.69

U-129	68.65	71.50	68.66	40.60	28.64
U-13	70.91	70.91	70.91	56.51	42.65
U-131	68.66	71.50	68.67	47.88	40.62
U-141	51.69	59.05	51.71	47.72	23.42
U-142	51.67	51.67	59.07	46.28	20.79
U-147	45.22	59.07	45.22	52.09	30.11
U-15	70.67	70.67	71.38	0.73	14.23
U-150	39.58	45.23	49.22	52.22	26.55
U-153	42.88	49.23	48.04	46.72	31.59
U-155	44.33	48.07	50.28	38.34	27.90
U-156	45.64	50.26	52.55	52.02	27.66
U-158	52.54	52.54	59.08	45.83	27.31
U-16	46.89	47.59	47.42	37.71	27.66
U-160	39.74	45.18	49.17	43.38	20.94
U-161	44.38	47.45	53.56	56.54	24.24
U-165	29.01	35.60	29.41	46.68	19.41
U-167	25.44	29.39	29.58	53.06	14.77
U-17	20.30	20.30	21.78	0.00	1.23
U-171	29.23	36.23	29.58	50.57	20.41
U-172	28.51	29.60	38.20	57.56	17.62
U-176	37.00	37.74	38.20	45.63	23.60
U-177	23.98	25.49	25.30	57.21	9.59
U-18	66.56	66.58	69.79	30.36	31.53
U-181	23.54	25.66	25.27	58.86	13.95
U-184	23.15	25.66	24.62	51.35	10.44
U-186	34.01	36.97	35.98	58.78	10.63
U-191	51.18	59.21	51.20	53.59	30.71
U-193	43.77	51.19	46.63	44.53	21.91
U-195	42.09	46.62	48.43	45.86	25.36
U-196	47.63	48.44	57.76	53.29	27.03
U-197	35.15	39.75	37.77	35.69	12.01
U-199	36.63	39.76	40.51	49.94	19.37
U-20	66.53	69.78	66.58	43.73	38.15
U-200	41.72	42.72	50.63	55.37	21.26
U-201	30.34	32.90	37.15	52.73	16.23
U-202	39.30	43.07	41.86	43.90	19.17
U-203	59.34	59.44	59.43	53.24	33.15
U-204	56.65	56.66	59.43	48.40	24.78
U-206	59.38	59.47	59.43	49.49	30.21
U-207	51.16	56.58	53.08	48.88	26.48
U-208	47.87	53.03	51.58	43.54	31.68
U-211	51.52	51.60	59.33	48.48	28.40
U-213	54.59	54.61	59.41	47.17	31.91
U-214	0.00	0.00	78.00	0.00	0.00
U-22	67.74	69.56	67.79	44.64	43.64
U-220	59.27	59.57	59.41	50.86	24.88
U-221	64.18	64.18	64.18	53.39	35.44
U-227	39.33	42.20	50.42	45.03	30.86
U-228	50.42	50.42	59.41	51.99	30.74
U-231	36.58	39.25	41.78	17.95	11.84
U-232	57.56	57.79	60.92	0.08	9.98
U-233	43.47	44.12	57.36	56.88	21.23
U-237	33.52	45.56	34.53	25.55	14.09
U-239	57.55	58.70	57.79	57.53	38.80
U-240	58.08	59.07	58.18	58.95	29.80
U-242	52.12	53.74	54.48	24.14	30.20
U-244	59.06	59.07	59.08	56.03	31.60
U-245	54.28	54.30	59.07	50.94	25.68
U-249	47.23	50.62	54.30	49.73	25.33
U-25	65.50	67.79	67.00	26.86	35.96
U-251	46.45	52.04	50.64	43.47	25.37
U-253	59.22	59.26	59.22	55.75	40.13
U-254	58.76	58.86	59.01	46.75	30.25
U-256	32.50	37.48	33.63	12.59	10.76
U-259	37.16	44.06	40.84	47.80	28.89
U-26	66.97	66.98	69.69	44.06	25.15
U-260	58.82	59.11	58.96	57.69	28.41
U-261	0.00	0.00	0.00	20.51	0.00
U-262-NEW	0.02	6.20	0.05	21.66	0.01
U-263	11.11	11.11	78.00	0.00	0.00
U-267	57.49	58.49	59.26	49.00	12.66
U-270	58.04	59.25	59.11	49.19	14.40
U-271	59.12	59.12	60.41	53.99	48.62
U-274	66.70	66.71	69.79	25.99	33.45
U-277	66.57	69.64	66.71	33.92	39.57
U-28	64.40	69.69	64.43	39.70	33.02
U-280	54.74	72.53	54.74	57.01	32.06
U-286	50.46	72.55	50.48	51.86	25.91
U-289	44.67	50.48	61.95	51.83	14.53
U-29	64.41	64.43	69.78	42.57	28.49

U-290	43.53	54.75	54.56	48.81	17.84
U-291	49.59	54.57	63.87	51.15	17.74
U-293	62.00	62.00	72.55	46.05	23.06
U-294	61.91	72.55	61.91	69.78	42.10
U-295	56.16	61.92	63.93	56.88	33.02
U-298	53.27	58.03	63.90	53.04	30.52
U-299	52.85	63.94	57.02	48.36	20.49
U-300	48.27	57.00	56.03	34.27	20.43
U-304	73.44	73.67	73.44	68.25	38.83
U-308	59.14	59.20	72.25	53.35	20.49
U-308A	52.46	59.15	61.40	39.93	22.17
U-309	43.18	51.39	58.01	62.81	24.26
U-312	14.40	15.16	14.80	24.07	1.59
U-315	39.43	45.54	40.08	47.29	18.32
U-316	39.75	40.07	45.52	43.71	12.37
U-319	20.34	22.89	23.88	50.97	9.84
U-322	23.08	27.33	23.88	56.99	9.75
U-325	24.21	27.33	24.79	67.88	13.37
U-327	24.01	25.26	28.85	67.40	15.35
U-328	19.73	21.91	22.83	48.70	6.13
U-330	24.68	24.68	72.90	0.00	1.91
U-332	48.61	48.61	73.91	0.19	4.37
U-335	55.55	55.65	72.61	50.35	18.24
U-337	36.32	37.14	70.31	0.00	8.51
U-34	53.40	69.47	53.54	48.16	34.43
U-341	73.85	73.91	73.88	70.15	25.41
U-344	52.22	52.32	73.74	61.85	25.05
U-345	37.94	51.35	52.30	0.20	10.21
U-346	63.75	72.01	63.82	48.94	41.55
U-347	54.71	63.80	61.38	67.70	34.44
U-348	25.51	32.42	31.75	51.51	9.99
U-35	56.87	69.51	56.91	52.63	26.93
U-351	69.96	70.58	71.55	65.77	41.24
U-352	49.32	55.17	64.69	39.79	18.03
U-353	64.72	64.72	74.41	35.44	18.21
U-354	27.64	37.81	33.48	56.73	14.22
U-357	26.94	34.28	33.48	63.07	8.30
U-358	57.03	67.17	61.44	63.85	28.39
U-364	69.33	69.35	69.35	28.83	10.02
U-364A	62.03	62.41	62.15	7.98	10.97
U-366	50.08	72.25	50.10	58.17	27.20
U-37	69.52	69.52	69.52	26.10	38.12
U-372	43.91	50.12	61.37	56.98	15.48
U-373	72.56	73.57	72.56	31.88	29.68
U-376	71.28	72.25	72.56	0.00	5.44
U-379	72.30	72.35	72.35	57.35	47.46
U-38	22.97	23.37	24.33	4.43	5.71
U-382	38.33	43.46	43.97	38.36	24.50
U-385	41.27	47.39	43.97	45.22	16.63
U-386	72.90	72.92	72.91	32.48	38.28
U-388	55.34	59.79	55.80	51.96	34.39
U-390	53.73	56.24	55.80	31.94	22.44
U-391	48.01	48.01	73.98	0.00	3.75
U-392	46.33	48.00	70.25	0.00	9.43
U-394	72.38	72.38	75.39	0.01	2.75
U-397	72.18	72.36	72.28	63.18	39.63
U-398	15.27	16.14	15.89	44.64	11.41
U-399	66.39	75.39	66.39	73.62	27.59
U-402	60.32	72.62	60.37	64.44	42.05
U-404	59.58	60.37	71.25	52.40	34.68
U-406	55.04	72.53	55.11	61.72	34.43
U-407	68.48	70.73	68.48	41.51	39.68
U-408	69.03	70.70	69.06	20.02	20.58
U-409	56.64	60.88	63.08	1.99	16.14
U-411	62.78	63.06	69.57	52.15	24.47
U-412	13.21	13.41	16.16	0.00	1.29
U-413	74.57	77.62	74.57	48.02	35.21
U-414	70.36	77.63	70.36	66.87	36.80
U-415	57.09	57.09	77.64	61.19	24.75
U-416	77.64	77.64	77.70	67.98	41.69
U-417	11.30	11.32	11.31	0.00	4.65
U-418	75.97	75.97	77.85	63.11	40.40
U-419	77.98	78.00	77.98	14.84	0.11
U-420	51.58	51.58	51.58	20.28	24.63
U-421	22.19	22.98	22.98	8.50	12.56
U-423	21.89	22.97	22.81	11.75	13.57
U-428	21.63	22.81	22.70	11.64	8.57
U-430	21.92	22.70	23.22	13.54	12.49
U-434	22.34	23.23	23.16	12.12	9.56
U-437	40.24	48.88	58.12	25.79	21.78

U-439	58.24	58.24	73.19	56.65	24.86
U-44	61.22	61.22	73.44	5.16	23.69
U-440	59.61	59.61	73.19	9.63	14.86
U-441	42.72	48.35	59.50	12.76	12.68
U-443	40.33	50.87	45.84	33.09	23.56
U-445	26.38	30.07	40.34	0.48	7.41
U-447	70.46	70.46	72.67	0.00	24.26
U-448	70.57	70.57	72.83	0.10	19.60
U-449	39.77	41.63	60.17	0.25	17.40
U-45	47.12	56.10	61.20	1.40	27.86
U-450	20.51	22.87	56.68	0.11	3.82
U-451	16.42	22.88	23.74	11.83	3.07
U-452	19.11	29.07	23.76	36.96	5.36
U-454	18.45	20.01	25.56	6.39	10.06
U-456	14.81	17.51	17.89	5.31	9.99
U-463	10.22	10.51	31.94	0.00	0.86
U-464	29.98	31.72	38.28	0.76	7.73
U-466	66.04	66.04	76.47	4.10	4.85
U-468	47.24	47.29	54.13	0.00	0.67
U-468-NEW	19.98	26.92	25.51	12.90	2.47
U-469	49.03	49.04	73.78	1.52	1.79
U-47	73.80	73.80	76.34	48.29	29.84
U-48	51.40	51.40	51.42	3.61	13.51
U-481	71.43	71.43	71.61	51.99	50.37
U-483	71.43	71.64	71.43	51.21	46.70
U-486	41.49	41.84	44.70	2.70	4.78
U-489	38.66	38.75	54.13	0.00	0.33
U-492	52.74	55.35	69.03	52.10	23.53
U-495	72.45	72.45	77.99	1.97	15.35
U-496	43.95	49.13	48.67	77.96	20.65
U-497	0.00	0.02	0.00	77.99	0.00
U-498	0.00	0.00	2.92	77.98	0.00
U-5	63.72	63.72	70.40	0.00	14.28
U-50	51.42	51.42	51.42	31.14	30.57
U-500	77.96	77.96	77.97	0.00	15.55
U-501	45.32	53.56	49.10	77.97	25.19
U-502	74.00	74.00	77.44	0.00	25.63
U-503	17.14	17.14	77.96	0.00	1.95
U-507	15.63	17.10	28.69	36.41	7.41
U-509	3.46	3.63	50.97	0.00	0.12
U-513	48.62	49.64	48.91	47.75	26.07
U-514	55.25	55.75	67.68	7.58	2.78
U-518-NEW	64.77	65.44	64.89	67.31	47.21
U-519-NEW	33.88	36.15	39.14	0.00	0.44
U-522	3.76	3.77	53.56	0.00	0.01
U-523	20.36	20.48	20.49	10.13	11.27
U-524-NEW	11.88	11.96	15.12	0.00	0.00
U-525	12.63	12.74	12.67	13.31	3.58
U-526	12.42	12.44	12.69	14.63	6.45
U-527	12.76	12.76	12.78	14.52	6.50
U-53	50.16	50.16	50.16	29.92	29.35
U-530	21.23	21.31	67.66	0.00	2.87
U-531	69.90	69.90	71.46	42.79	34.40
U-533	72.01	72.01	72.04	1.62	7.53
U-534-NEW	78.00	78.00	78.00	52.28	29.12
U-537	72.01	72.01	72.18	2.45	3.85
U-538	64.87	64.87	71.56	0.00	19.09
U-54	49.75	50.16	49.75	20.05	21.05
U-543	59.19	66.01	63.98	0.00	17.41
U-545	71.24	71.24	71.24	58.67	27.73
U-547	78.00	78.00	78.00	40.58	35.12
U-548	16.47	16.48	70.88	0.00	0.07
U-549	16.43	16.44	62.95	0.00	0.25
U-55	49.75	49.75	50.16	16.30	17.83
U-550	70.44	71.29	71.03	0.00	21.62
U-555	70.91	70.91	72.01	0.00	1.60
U-557	61.83	72.22	61.83	59.55	34.18
U-559	54.26	61.80	60.43	40.59	23.25
U-56	45.28	50.16	45.28	34.90	19.53
U-562	60.51	60.51	72.23	57.90	30.32
U-565	72.22	72.22	72.23	55.76	44.03
U-568	49.24	56.31	55.92	40.47	28.62
U-569	51.88	55.93	59.01	32.34	23.34
U-570	56.99	59.03	68.99	0.97	21.45
U-572	65.73	68.98	68.14	29.55	34.27
U-573	11.68	11.68	72.53	0.00	0.63
U-574	11.45	11.72	43.84	0.00	1.92
U-575	52.52	52.52	78.00	0.00	0.02
U-580	49.30	53.55	62.36	47.31	24.42
U-583	62.39	62.39	69.61	39.59	28.75

U-584	56.90	56.90	69.59	51.57	15.53
U-587	45.53	46.15	52.06	17.24	15.01
U-589	41.23	52.06	42.13	36.80	24.31
U-59	12.42	12.42	57.41	0.00	0.00
U-590	69.58	69.73	69.61	58.74	31.79
U-591	48.95	49.08	69.56	53.47	22.64
U-596	49.07	49.08	69.73	56.03	25.20
U-599	35.43	44.92	38.89	24.24	15.21
U-60	61.64	61.65	71.57	40.88	31.29
U-601	69.72	69.73	69.91	60.82	29.49
U-604	69.92	69.93	69.92	47.19	38.84
U-608	50.83	52.19	52.31	40.50	29.10
U-609	23.10	27.13	26.05	33.76	17.76
U-612	23.49	26.05	26.67	36.31	16.88
U-614	23.40	26.67	50.86	0.00	3.12
U-616	40.74	50.87	50.65	50.85	28.40
U-618	70.92	70.92	70.94	55.43	31.09
U-62	72.47	72.47	72.47	59.29	48.88
U-620	77.99	78.00	77.99	22.35	6.56
U-621	77.97	77.99	77.98	54.52	40.46
U-623	62.02	70.35	62.02	61.50	31.70
U-624	54.68	62.02	58.12	36.11	25.31
U-625	49.71	58.11	58.39	47.54	25.60
U-628	58.37	58.38	70.26	53.26	26.38
U-629	23.75	26.49	26.78	25.96	9.40
U-632	7.09	7.09	7.09	5.50	5.87
U-633	7.08	7.09	7.09	17.68	5.94
U-637	7.12	7.12	7.17	25.28	5.91
U-64	74.41	74.41	74.53	57.86	21.38
U-640	7.08	7.13	7.12	25.81	6.07
U-643	7.09	7.14	7.13	20.22	1.06
U-646	46.25	51.30	61.67	58.37	28.74
U-648	58.15	61.64	71.14	58.22	24.97
U-649	70.76	71.19	77.43	63.23	32.52
U-651	77.31	77.49	77.80	43.79	33.65
U-652	77.96	77.96	78.00	76.09	30.02
U-653	50.64	50.94	77.37	64.14	29.18
U-656	40.64	60.57	50.89	59.42	20.05
U-657	60.71	77.91	60.72	63.37	30.49
U-659-NEW	77.99	77.99	78.00	18.81	20.88
U-66	58.08	74.53	58.82	71.98	44.93
U-663	2.04	3.05	5.51	55.49	1.05
U-668	2.31	3.98	2.57	54.80	1.19
U-671	2.77	3.86	2.92	54.63	2.17
U-674	2.57	2.66	2.66	35.08	2.09
U-675	1.26	1.54	1.49	48.57	0.21
U-678	1.55	1.70	3.44	52.58	0.90
U-68	47.68	58.84	58.86	73.70	28.49
U-681	3.86	5.86	4.95	54.68	2.26
U-682	5.02	8.22	5.67	54.43	2.35
U-684	77.11	77.11	77.14	3.09	13.10
U-685	76.83	76.85	76.87	57.81	43.17
U-686	76.84	76.86	76.86	71.62	49.39
U-687	73.30	73.31	73.61	39.96	29.50
U-688	72.33	73.61	72.34	33.22	31.47
U-690	52.11	52.11	76.97	16.17	15.70
U-694	52.11	52.11	52.11	37.21	18.46
U-695	35.97	36.77	38.28	5.61	12.27
U-696	47.37	47.38	47.42	16.54	16.75
U-70	47.95	58.88	56.59	71.79	26.80
U-701	55.75	55.75	71.83	0.00	5.84
U-704	71.96	71.96	71.98	62.96	38.91
U-706	12.87	12.87	59.27	0.00	0.00
U-707	54.69	55.34	56.14	5.08	25.08
U-708	69.09	71.59	69.09	42.45	43.26
U-71	47.43	56.59	57.59	73.12	28.41
U-710	69.08	69.08	71.59	15.61	27.11
U-711	60.46	60.88	70.73	38.51	27.89
U-717	72.80	73.39	72.86	31.95	39.52
U-718	72.74	72.86	73.37	38.78	36.45
U-719	21.42	21.56	21.68	9.70	13.86
U-720	77.83	77.89	77.83	75.95	18.91
U-721-NEW	77.94	77.94	77.94	33.31	36.07
U-725	69.86	71.46	69.86	39.05	40.42
U-727	2.66	2.69	2.66	43.66	2.36
U-729	2.80	3.23	3.09	48.75	2.21
U-73	51.55	57.60	61.30	70.63	31.15
U-731	4.57	5.78	4.98	52.52	3.63
U-732	4.54	5.05	5.12	47.09	2.85
U-734	5.98	8.46	8.40	53.52	1.97

U-736	5.17	6.14	6.93	54.10	1.83
U-738	4.44	5.34	6.10	54.89	1.00
U-74	51.12	56.34	61.34	30.98	17.67
U-740	3.98	5.34	5.50	51.10	3.14
U-741	2.10	2.19	4.14	53.61	0.82
U-743	1.87	1.96	2.14	54.05	0.87
U-745	0.89	1.96	0.91	52.71	0.70
U-747	0.55	0.93	0.63	53.06	0.27
U-749	0.53	0.68	0.80	50.13	0.25
U-75	53.87	61.29	63.52	72.50	31.21
U-751	0.77	1.05	1.01	38.44	0.36
U-753	0.84	1.02	1.84	37.04	0.27
U-755	2.53	2.97	2.87	29.65	1.52
U-763	1.07	1.23	1.07	16.81	1.07
U-766	0.11	0.18	0.11	6.25	0.11
U-769	0.00	0.11	0.00	16.07	0.00
U-77	59.75	63.51	71.19	73.12	33.99
U-772	0.00	0.00	0.00	15.24	0.00
U-775	0.00	0.00	0.00	2.25	0.00
U-778	0.00	0.00	17.97	71.19	0.00
U-783	17.21	17.28	18.21	17.93	13.48
U-786	4.80	5.32	5.43	14.20	3.65
U-789	5.07	5.42	5.65	19.12	2.15
U-792	5.47	5.65	6.12	22.99	2.53
U-795	4.44	4.55	4.65	2.58	2.35
U-796	17.97	22.25	17.97	71.52	16.50
U-8	66.33	66.33	70.55	0.00	15.78
U-801	19.70	19.71	22.23	18.51	13.49
U-804	10.86	11.80	13.04	21.33	8.23
U-807	12.06	13.04	13.94	24.04	8.13
U-81	67.95	71.31	73.47	71.91	33.25
U-810	13.76	13.94	15.73	25.06	8.94
U-811	5.60	6.17	6.15	5.83	1.44
U-815	5.61	6.24	6.15	47.69	1.57
U-816	22.24	22.57	22.29	66.70	19.15
U-82	63.81	73.54	66.80	75.71	35.07
U-820	19.16	19.19	22.57	18.98	11.91
U-823	10.64	11.75	13.05	24.51	7.39
U-826	11.74	13.04	14.09	32.24	6.92
U-829	13.14	14.09	15.43	37.33	7.38
U-83	66.63	66.67	77.54	75.30	27.80
U-832	15.32	15.44	16.89	17.76	5.62
U-833	5.25	5.67	5.34	20.05	2.87
U-834-EAC	40.36	42.41	47.08	6.04	19.02
U-835	72.63	72.63	73.63	0.00	19.73
U-837	64.15	67.25	69.04	0.54	32.39
U-838	58.64	67.24	60.37	48.90	28.27
U-839	49.11	60.30	53.00	52.44	21.51
U-840	50.69	52.97	65.78	54.73	25.69
U-841	43.52	48.06	47.22	39.89	21.06
U-842	59.25	71.33	59.26	64.75	31.44
U-846	11.66	11.66	12.14	0.00	0.00
U-847	11.26	11.26	11.59	0.10	0.00
U-848	57.66	57.71	57.66	39.77	37.47
U-851	69.47	69.47	69.51	35.55	45.19
U-852	69.51	69.52	69.51	39.24	36.18
U-854	47.43	50.39	49.53	22.09	27.35
U-856	49.00	51.27	50.17	20.14	28.22
U-858	47.75	50.16	50.00	23.17	31.09
U-860	46.92	49.99	49.35	24.15	30.96
U-863	59.42	59.46	59.49	24.90	31.22
U-864	73.20	73.20	73.27	0.00	27.44
U-865	73.20	73.20	73.61	0.00	18.91
U-866	76.87	76.88	76.87	67.66	36.09
U-867	77.99	77.99	78.00	0.61	0.61
U-868	77.99	77.99	78.00	1.18	1.18
U-869	77.98	77.98	78.00	0.01	0.01
U-871	77.99	77.99	78.00	0.02	14.99
U-872	53.40	55.29	57.91	8.51	17.05
U-874-NEW	77.98	77.98	77.99	4.35	4.32
U-875	47.49	47.49	78.00	38.46	0.00
U-878	13.27	16.32	18.21	68.21	8.44
U-879	16.94	18.22	38.97	72.01	9.95
U-88	68.10	68.10	76.99	70.97	26.98
U-880	28.17	29.42	52.86	0.00	10.24
U-885	78.00	78.00	78.00	77.92	44.53
U-90	67.36	68.30	67.64	76.69	54.02
U-91	16.64	17.46	18.18	65.75	4.04
U-92	13.20	13.53	13.48	43.35	10.16
U-96	13.15	20.17	14.78	77.16	5.45

U-97	14.92	27.67	15.23	77.47	5.09
U-98	77.94	77.94	77.95	70.20	37.65
U-99	67.91	74.88	70.32	76.00	31.46

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Pumping Summary
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Pump	Percent Utilized	Number of Start-Ups	Min Flow CFS	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal	Power Usage Kw-hr	% Time Off Pump Curve Low	% Time Off Pump Curve High
PS-HC1-LAG	11.64	618	8.00	8.00	8.00	1.957	78.74	0.0	100.0
PS-HC1-LEAD	11.64	618	8.00	8.00	8.00	1.957	78.74	0.0	100.0

Analysis begun on: Tue Nov 17 10:09:58 2015
Analysis ended on: Tue Nov 17 10:16:34 2015
Total elapsed time: 00:06:36

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    US-EPA Storm Water Management Model - Version 5.1 (Build 5.1.007)
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-101
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-103
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-105
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-107
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-109
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-111
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-113
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-115
Warning 03: negative offset -1.060 ignored for Link CDT-121
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-123
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-125
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-173
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-175
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-177
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-179
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-181
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-183
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-185
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-187
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-189
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-191
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-193
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-195
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-197
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-199
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-201
Warning 03: negative offset -3.560 ignored for Link CDT-205
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-207
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-209
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-211
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-213
Warning 03: negative offset -3.560 ignored for Link CDT-215
Warning 03: negative offset -4.060 ignored for Link CDT-217
Warning 03: negative offset -3.560 ignored for Link CDT-219
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-221
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-223
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-225
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-227
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-229
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-231
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-233
Warning 03: negative offset -3.560 ignored for Link CDT-235
Warning 03: negative offset -4.760 ignored for Link CDT-237
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-239
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-241
Warning 03: negative offset -4.760 ignored for Link CDT-243
Warning 03: negative offset -4.760 ignored for Link CDT-245
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-247
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-249
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-251
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-253
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-255
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-257
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-259
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-261
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-263
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-265
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-267
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-269
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-271
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-273
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-275
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-277
Warning 03: negative offset -3.560 ignored for Link CDT-279
Warning 03: negative offset -3.560 ignored for Link CDT-281
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-283
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-285
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-287
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-289
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-291
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-293
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-295
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-297
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-299
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-439
```

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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-525
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-87
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-91
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-93
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-95
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-97
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-99
Warning 04: minimum elevation drop 0.001 used for Conduit J-963_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J561_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J575_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J920_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit U-1
Warning 04: minimum elevation drop 0.001 used for Conduit U-100
Warning 04: minimum elevation drop 0.001 used for Conduit U-101
Warning 04: minimum elevation drop 0.001 used for Conduit U-102
Warning 04: minimum elevation drop 0.001 used for Conduit U-103
Warning 04: minimum elevation drop 0.001 used for Conduit U-104
Warning 04: minimum elevation drop 0.001 used for Conduit U-105
Warning 04: minimum elevation drop 0.001 used for Conduit U-11
Warning 04: minimum elevation drop 0.001 used for Conduit U-110
Warning 04: minimum elevation drop 0.001 used for Conduit U-112
Warning 04: minimum elevation drop 0.001 used for Conduit U-113
Warning 04: minimum elevation drop 0.001 used for Conduit U-114
Warning 04: minimum elevation drop 0.001 used for Conduit U-118
Warning 04: minimum elevation drop 0.001 used for Conduit U-121
Warning 04: minimum elevation drop 0.001 used for Conduit U-122
Warning 04: minimum elevation drop 0.001 used for Conduit U-125
Warning 04: minimum elevation drop 0.001 used for Conduit U-129
Warning 04: minimum elevation drop 0.001 used for Conduit U-13
Warning 04: minimum elevation drop 0.001 used for Conduit U-131
Warning 04: minimum elevation drop 0.001 used for Conduit U-141
Warning 04: minimum elevation drop 0.001 used for Conduit U-142
Warning 04: minimum elevation drop 0.001 used for Conduit U-147
Warning 03: negative offset -0.500 ignored for Link U-15
Warning 04: minimum elevation drop 0.001 used for Conduit U-150
Warning 04: minimum elevation drop 0.001 used for Conduit U-153
Warning 04: minimum elevation drop 0.001 used for Conduit U-155
Warning 04: minimum elevation drop 0.001 used for Conduit U-156
Warning 04: minimum elevation drop 0.001 used for Conduit U-158
Warning 04: minimum elevation drop 0.001 used for Conduit U-16
Warning 04: minimum elevation drop 0.001 used for Conduit U-160
Warning 04: minimum elevation drop 0.001 used for Conduit U-161
Warning 04: minimum elevation drop 0.001 used for Conduit U-165
Warning 04: minimum elevation drop 0.001 used for Conduit U-167
Warning 04: minimum elevation drop 0.001 used for Conduit U-171
Warning 04: minimum elevation drop 0.001 used for Conduit U-172
Warning 04: minimum elevation drop 0.001 used for Conduit U-176
Warning 04: minimum elevation drop 0.001 used for Conduit U-177
Warning 04: minimum elevation drop 0.001 used for Conduit U-18
Warning 04: minimum elevation drop 0.001 used for Conduit U-181
Warning 04: minimum elevation drop 0.001 used for Conduit U-184
Warning 04: minimum elevation drop 0.001 used for Conduit U-186
Warning 04: minimum elevation drop 0.001 used for Conduit U-191
Warning 04: minimum elevation drop 0.001 used for Conduit U-193
Warning 04: minimum elevation drop 0.001 used for Conduit U-195
Warning 04: minimum elevation drop 0.001 used for Conduit U-196
Warning 04: minimum elevation drop 0.001 used for Conduit U-197
Warning 04: minimum elevation drop 0.001 used for Conduit U-199
Warning 04: minimum elevation drop 0.001 used for Conduit U-20
Warning 04: minimum elevation drop 0.001 used for Conduit U-200
Warning 04: minimum elevation drop 0.001 used for Conduit U-201
Warning 04: minimum elevation drop 0.001 used for Conduit U-202
Warning 04: minimum elevation drop 0.001 used for Conduit U-203
Warning 04: minimum elevation drop 0.001 used for Conduit U-204
Warning 04: minimum elevation drop 0.001 used for Conduit U-206
Warning 04: minimum elevation drop 0.001 used for Conduit U-207
Warning 04: minimum elevation drop 0.001 used for Conduit U-208
Warning 04: minimum elevation drop 0.001 used for Conduit U-211
Warning 04: minimum elevation drop 0.001 used for Conduit U-213
Warning 04: minimum elevation drop 0.001 used for Conduit U-22
Warning 04: minimum elevation drop 0.001 used for Conduit U-220
Warning 04: minimum elevation drop 0.001 used for Conduit U-221
Warning 04: minimum elevation drop 0.001 used for Conduit U-227
Warning 04: minimum elevation drop 0.001 used for Conduit U-228
Warning 04: minimum elevation drop 0.001 used for Conduit U-231
Warning 04: minimum elevation drop 0.001 used for Conduit U-233
Warning 04: minimum elevation drop 0.001 used for Conduit U-237
Warning 04: minimum elevation drop 0.001 used for Conduit U-239
Warning 04: minimum elevation drop 0.001 used for Conduit U-240
Warning 04: minimum elevation drop 0.001 used for Conduit U-242
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-244
Warning 04: minimum elevation drop 0.001 used for Conduit U-245
Warning 04: minimum elevation drop 0.001 used for Conduit U-249
Warning 04: minimum elevation drop 0.001 used for Conduit U-25
Warning 04: minimum elevation drop 0.001 used for Conduit U-251
Warning 04: minimum elevation drop 0.001 used for Conduit U-253
Warning 04: minimum elevation drop 0.001 used for Conduit U-254
Warning 04: minimum elevation drop 0.001 used for Conduit U-256
Warning 04: minimum elevation drop 0.001 used for Conduit U-259
Warning 04: minimum elevation drop 0.001 used for Conduit U-26
Warning 04: minimum elevation drop 0.001 used for Conduit U-260
Warning 04: minimum elevation drop 0.001 used for Conduit U-261
Warning 04: minimum elevation drop 0.001 used for Conduit U-262-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-267
Warning 04: minimum elevation drop 0.001 used for Conduit U-270
Warning 04: minimum elevation drop 0.001 used for Conduit U-271
Warning 04: minimum elevation drop 0.001 used for Conduit U-274
Warning 04: minimum elevation drop 0.001 used for Conduit U-277
Warning 04: minimum elevation drop 0.001 used for Conduit U-28
Warning 04: minimum elevation drop 0.001 used for Conduit U-280
Warning 04: minimum elevation drop 0.001 used for Conduit U-286
Warning 04: minimum elevation drop 0.001 used for Conduit U-289
Warning 04: minimum elevation drop 0.001 used for Conduit U-29
Warning 04: minimum elevation drop 0.001 used for Conduit U-290
Warning 04: minimum elevation drop 0.001 used for Conduit U-291
Warning 04: minimum elevation drop 0.001 used for Conduit U-293
Warning 04: minimum elevation drop 0.001 used for Conduit U-294
Warning 04: minimum elevation drop 0.001 used for Conduit U-295
Warning 04: minimum elevation drop 0.001 used for Conduit U-298
Warning 04: minimum elevation drop 0.001 used for Conduit U-299
Warning 04: minimum elevation drop 0.001 used for Conduit U-300
Warning 04: minimum elevation drop 0.001 used for Conduit U-304
Warning 04: minimum elevation drop 0.001 used for Conduit U-308
Warning 04: minimum elevation drop 0.001 used for Conduit U-308A
Warning 04: minimum elevation drop 0.001 used for Conduit U-309
Warning 04: minimum elevation drop 0.001 used for Conduit U-312
Warning 04: minimum elevation drop 0.001 used for Conduit U-315
Warning 04: minimum elevation drop 0.001 used for Conduit U-316
Warning 04: minimum elevation drop 0.001 used for Conduit U-319
Warning 04: minimum elevation drop 0.001 used for Conduit U-322
Warning 04: minimum elevation drop 0.001 used for Conduit U-325
Warning 04: minimum elevation drop 0.001 used for Conduit U-327
Warning 04: minimum elevation drop 0.001 used for Conduit U-328
Warning 03: negative offset -1.000 ignored for Link U-330
Warning 03: negative offset -1.000 ignored for Link U-332
Warning 04: minimum elevation drop 0.001 used for Conduit U-335
Warning 04: minimum elevation drop 0.001 used for Conduit U-34
Warning 04: minimum elevation drop 0.001 used for Conduit U-341
Warning 04: minimum elevation drop 0.001 used for Conduit U-344
Warning 04: minimum elevation drop 0.001 used for Conduit U-346
Warning 04: minimum elevation drop 0.001 used for Conduit U-347
Warning 04: minimum elevation drop 0.001 used for Conduit U-348
Warning 04: minimum elevation drop 0.001 used for Conduit U-35
Warning 04: minimum elevation drop 0.001 used for Conduit U-351
Warning 04: minimum elevation drop 0.001 used for Conduit U-352
Warning 04: minimum elevation drop 0.001 used for Conduit U-353
Warning 04: minimum elevation drop 0.001 used for Conduit U-354
Warning 04: minimum elevation drop 0.001 used for Conduit U-357
Warning 04: minimum elevation drop 0.001 used for Conduit U-358
Warning 04: minimum elevation drop 0.001 used for Conduit U-364
Warning 04: minimum elevation drop 0.001 used for Conduit U-364A
Warning 04: minimum elevation drop 0.001 used for Conduit U-366
Warning 04: minimum elevation drop 0.001 used for Conduit U-37
Warning 04: minimum elevation drop 0.001 used for Conduit U-372
Warning 04: minimum elevation drop 0.001 used for Conduit U-373
Warning 04: minimum elevation drop 0.001 used for Conduit U-379
Warning 04: minimum elevation drop 0.001 used for Conduit U-38
Warning 04: minimum elevation drop 0.001 used for Conduit U-382
Warning 04: minimum elevation drop 0.001 used for Conduit U-385
Warning 04: minimum elevation drop 0.001 used for Conduit U-386
Warning 04: minimum elevation drop 0.001 used for Conduit U-388
Warning 04: minimum elevation drop 0.001 used for Conduit U-390
Warning 03: negative offset -1.000 ignored for Link U-391
Warning 03: negative offset -0.500 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-394
Warning 04: minimum elevation drop 0.001 used for Conduit U-397
Warning 04: minimum elevation drop 0.001 used for Conduit U-398
Warning 04: minimum elevation drop 0.001 used for Conduit U-399
Warning 04: minimum elevation drop 0.001 used for Conduit U-402
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-404
Warning 04: minimum elevation drop 0.001 used for Conduit U-406
Warning 04: minimum elevation drop 0.001 used for Conduit U-407
Warning 03: negative offset -0.030 ignored for Link U-408
Warning 03: negative offset -0.030 ignored for Link U-409
Warning 04: minimum elevation drop 0.001 used for Conduit U-411
Warning 04: minimum elevation drop 0.001 used for Conduit U-413
Warning 04: minimum elevation drop 0.001 used for Conduit U-414
Warning 04: minimum elevation drop 0.001 used for Conduit U-415
Warning 04: minimum elevation drop 0.001 used for Conduit U-416
Warning 04: minimum elevation drop 0.001 used for Conduit U-417
Warning 04: minimum elevation drop 0.001 used for Conduit U-418
Warning 03: negative offset -1.060 ignored for Link U-419
Warning 04: minimum elevation drop 0.001 used for Conduit U-420
Warning 04: minimum elevation drop 0.001 used for Conduit U-421
Warning 04: minimum elevation drop 0.001 used for Conduit U-423
Warning 04: minimum elevation drop 0.001 used for Conduit U-428
Warning 04: minimum elevation drop 0.001 used for Conduit U-430
Warning 04: minimum elevation drop 0.001 used for Conduit U-434
Warning 04: minimum elevation drop 0.001 used for Conduit U-437
Warning 04: minimum elevation drop 0.001 used for Conduit U-439
Warning 04: minimum elevation drop 0.001 used for Conduit U-48
Warning 04: minimum elevation drop 0.001 used for Conduit U-481
Warning 04: minimum elevation drop 0.001 used for Conduit U-483
Warning 04: minimum elevation drop 0.001 used for Conduit U-496
Warning 04: minimum elevation drop 0.001 used for Conduit U-497
Warning 04: minimum elevation drop 0.001 used for Conduit U-498
Warning 04: minimum elevation drop 0.001 used for Conduit U-50
Warning 04: minimum elevation drop 0.001 used for Conduit U-501
Warning 04: minimum elevation drop 0.001 used for Conduit U-513
Warning 04: minimum elevation drop 0.001 used for Conduit U-518-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-523
Warning 03: negative offset -3.560 ignored for Link U-524-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-525
Warning 04: minimum elevation drop 0.001 used for Conduit U-526
Warning 04: minimum elevation drop 0.001 used for Conduit U-527
Warning 04: minimum elevation drop 0.001 used for Conduit U-53
Warning 04: minimum elevation drop 0.001 used for Conduit U-531
Warning 04: minimum elevation drop 0.001 used for Conduit U-534-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-54
Warning 04: minimum elevation drop 0.001 used for Conduit U-545
Warning 04: minimum elevation drop 0.001 used for Conduit U-547
Warning 04: minimum elevation drop 0.001 used for Conduit U-55
Warning 04: minimum elevation drop 0.001 used for Conduit U-557
Warning 04: minimum elevation drop 0.001 used for Conduit U-559
Warning 04: minimum elevation drop 0.001 used for Conduit U-56
Warning 04: minimum elevation drop 0.001 used for Conduit U-562
Warning 04: minimum elevation drop 0.001 used for Conduit U-565
Warning 04: minimum elevation drop 0.001 used for Conduit U-568
Warning 04: minimum elevation drop 0.001 used for Conduit U-569
Warning 04: minimum elevation drop 0.001 used for Conduit U-572
Warning 04: minimum elevation drop 0.001 used for Conduit U-580
Warning 04: minimum elevation drop 0.001 used for Conduit U-583
Warning 04: minimum elevation drop 0.001 used for Conduit U-584
Warning 04: minimum elevation drop 0.001 used for Conduit U-587
Warning 04: minimum elevation drop 0.001 used for Conduit U-589
Warning 04: minimum elevation drop 0.001 used for Conduit U-590
Warning 04: minimum elevation drop 0.001 used for Conduit U-591
Warning 04: minimum elevation drop 0.001 used for Conduit U-596
Warning 04: minimum elevation drop 0.001 used for Conduit U-599
Warning 04: minimum elevation drop 0.001 used for Conduit U-60
Warning 04: minimum elevation drop 0.001 used for Conduit U-601
Warning 04: minimum elevation drop 0.001 used for Conduit U-604
Warning 04: minimum elevation drop 0.001 used for Conduit U-608
Warning 04: minimum elevation drop 0.001 used for Conduit U-609
Warning 04: minimum elevation drop 0.001 used for Conduit U-612
Warning 03: negative offset -1.000 ignored for Link U-614
Warning 04: minimum elevation drop 0.001 used for Conduit U-616
Warning 04: minimum elevation drop 0.001 used for Conduit U-618
Warning 04: minimum elevation drop 0.001 used for Conduit U-62
Warning 04: minimum elevation drop 0.001 used for Conduit U-621
Warning 04: minimum elevation drop 0.001 used for Conduit U-623
Warning 04: minimum elevation drop 0.001 used for Conduit U-624
Warning 04: minimum elevation drop 0.001 used for Conduit U-625
Warning 04: minimum elevation drop 0.001 used for Conduit U-628
Warning 04: minimum elevation drop 0.001 used for Conduit U-629
Warning 04: minimum elevation drop 0.001 used for Conduit U-632
Warning 03: negative offset -1.000 ignored for Link U-633
Warning 03: negative offset -1.000 ignored for Link U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-633
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-637
Warning 04: minimum elevation drop 0.001 used for Conduit U-64
Warning 04: minimum elevation drop 0.001 used for Conduit U-640
Warning 04: minimum elevation drop 0.001 used for Conduit U-643
Warning 04: minimum elevation drop 0.001 used for Conduit U-646
Warning 04: minimum elevation drop 0.001 used for Conduit U-648
Warning 04: minimum elevation drop 0.001 used for Conduit U-649
Warning 04: minimum elevation drop 0.001 used for Conduit U-651
Warning 04: minimum elevation drop 0.001 used for Conduit U-652
Warning 04: minimum elevation drop 0.001 used for Conduit U-653
Warning 04: minimum elevation drop 0.001 used for Conduit U-656
Warning 04: minimum elevation drop 0.001 used for Conduit U-657
Warning 04: minimum elevation drop 0.001 used for Conduit U-659-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-66
Warning 04: minimum elevation drop 0.001 used for Conduit U-663
Warning 04: minimum elevation drop 0.001 used for Conduit U-668
Warning 04: minimum elevation drop 0.001 used for Conduit U-671
Warning 04: minimum elevation drop 0.001 used for Conduit U-674
Warning 04: minimum elevation drop 0.001 used for Conduit U-675
Warning 04: minimum elevation drop 0.001 used for Conduit U-678
Warning 04: minimum elevation drop 0.001 used for Conduit U-68
Warning 04: minimum elevation drop 0.001 used for Conduit U-681
Warning 04: minimum elevation drop 0.001 used for Conduit U-682
Warning 04: minimum elevation drop 0.001 used for Conduit U-685
Warning 04: minimum elevation drop 0.001 used for Conduit U-686
Warning 04: minimum elevation drop 0.001 used for Conduit U-687
Warning 04: minimum elevation drop 0.001 used for Conduit U-688
Warning 04: minimum elevation drop 0.001 used for Conduit U-690
Warning 04: minimum elevation drop 0.001 used for Conduit U-694
Warning 04: minimum elevation drop 0.001 used for Conduit U-695
Warning 04: minimum elevation drop 0.001 used for Conduit U-696
Warning 04: minimum elevation drop 0.001 used for Conduit U-70
Warning 04: minimum elevation drop 0.001 used for Conduit U-704
Warning 04: minimum elevation drop 0.001 used for Conduit U-707
Warning 04: minimum elevation drop 0.001 used for Conduit U-708
Warning 04: minimum elevation drop 0.001 used for Conduit U-71
Warning 04: minimum elevation drop 0.001 used for Conduit U-710
Warning 04: minimum elevation drop 0.001 used for Conduit U-711
Warning 04: minimum elevation drop 0.001 used for Conduit U-717
Warning 04: minimum elevation drop 0.001 used for Conduit U-718
Warning 04: minimum elevation drop 0.001 used for Conduit U-719
Warning 04: minimum elevation drop 0.001 used for Conduit U-720
Warning 04: minimum elevation drop 0.001 used for Conduit U-721-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-725
Warning 04: minimum elevation drop 0.001 used for Conduit U-727
Warning 04: minimum elevation drop 0.001 used for Conduit U-729
Warning 04: minimum elevation drop 0.001 used for Conduit U-73
Warning 04: minimum elevation drop 0.001 used for Conduit U-731
Warning 04: minimum elevation drop 0.001 used for Conduit U-732
Warning 04: minimum elevation drop 0.001 used for Conduit U-734
Warning 04: minimum elevation drop 0.001 used for Conduit U-736
Warning 04: minimum elevation drop 0.001 used for Conduit U-738
Warning 04: minimum elevation drop 0.001 used for Conduit U-74
Warning 04: minimum elevation drop 0.001 used for Conduit U-740
Warning 04: minimum elevation drop 0.001 used for Conduit U-741
Warning 04: minimum elevation drop 0.001 used for Conduit U-743
Warning 04: minimum elevation drop 0.001 used for Conduit U-745
Warning 04: minimum elevation drop 0.001 used for Conduit U-747
Warning 04: minimum elevation drop 0.001 used for Conduit U-749
Warning 04: minimum elevation drop 0.001 used for Conduit U-75
Warning 04: minimum elevation drop 0.001 used for Conduit U-751
Warning 04: minimum elevation drop 0.001 used for Conduit U-753
Warning 04: minimum elevation drop 0.001 used for Conduit U-755
Warning 04: minimum elevation drop 0.001 used for Conduit U-763
Warning 04: minimum elevation drop 0.001 used for Conduit U-766
Warning 04: minimum elevation drop 0.001 used for Conduit U-769
Warning 04: minimum elevation drop 0.001 used for Conduit U-77
Warning 04: minimum elevation drop 0.001 used for Conduit U-772
Warning 04: minimum elevation drop 0.001 used for Conduit U-775
Warning 04: minimum elevation drop 0.001 used for Conduit U-778
Warning 04: minimum elevation drop 0.001 used for Conduit U-783
Warning 04: minimum elevation drop 0.001 used for Conduit U-786
Warning 04: minimum elevation drop 0.001 used for Conduit U-789
Warning 04: minimum elevation drop 0.001 used for Conduit U-792
Warning 04: minimum elevation drop 0.001 used for Conduit U-795
Warning 04: minimum elevation drop 0.001 used for Conduit U-796
Warning 04: minimum elevation drop 0.001 used for Conduit U-801
Warning 04: minimum elevation drop 0.001 used for Conduit U-804
Warning 04: minimum elevation drop 0.001 used for Conduit U-807
Warning 04: minimum elevation drop 0.001 used for Conduit U-81
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Warning 04: minimum elevation drop 0.001 used for Conduit U-810
Warning 04: minimum elevation drop 0.001 used for Conduit U-811
Warning 04: minimum elevation drop 0.001 used for Conduit U-815
Warning 04: minimum elevation drop 0.001 used for Conduit U-816
Warning 04: minimum elevation drop 0.001 used for Conduit U-82
Warning 04: minimum elevation drop 0.001 used for Conduit U-820
Warning 04: minimum elevation drop 0.001 used for Conduit U-823
Warning 04: minimum elevation drop 0.001 used for Conduit U-826
Warning 04: minimum elevation drop 0.001 used for Conduit U-829
Warning 04: minimum elevation drop 0.001 used for Conduit U-83
Warning 04: minimum elevation drop 0.001 used for Conduit U-832
Warning 04: minimum elevation drop 0.001 used for Conduit U-833
Warning 04: minimum elevation drop 0.001 used for Conduit U-834-EAC
Warning 03: negative offset -0.388 ignored for Link U-835
Warning 03: negative offset -1.200 ignored for Link U-835
Warning 04: minimum elevation drop 0.001 used for Conduit U-838
Warning 04: minimum elevation drop 0.001 used for Conduit U-839
Warning 04: minimum elevation drop 0.001 used for Conduit U-840
Warning 04: minimum elevation drop 0.001 used for Conduit U-841
Warning 04: minimum elevation drop 0.001 used for Conduit U-842
Warning 04: minimum elevation drop 0.001 used for Conduit U-848
Warning 04: minimum elevation drop 0.001 used for Conduit U-851
Warning 04: minimum elevation drop 0.001 used for Conduit U-852
Warning 04: minimum elevation drop 0.001 used for Conduit U-854
Warning 04: minimum elevation drop 0.001 used for Conduit U-856
Warning 04: minimum elevation drop 0.001 used for Conduit U-858
Warning 04: minimum elevation drop 0.001 used for Conduit U-860
Warning 04: minimum elevation drop 0.001 used for Conduit U-863
Warning 03: negative offset -0.298 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-865
Warning 04: minimum elevation drop 0.001 used for Conduit U-866
Warning 03: negative offset -0.060 ignored for Link U-869
Warning 04: minimum elevation drop 0.001 used for Conduit U-872
Warning 04: minimum elevation drop 0.001 used for Conduit U-874-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-878
Warning 04: minimum elevation drop 0.001 used for Conduit U-879
Warning 04: minimum elevation drop 0.001 used for Conduit U-88
Warning 04: minimum elevation drop 0.001 used for Conduit U-885
Warning 04: minimum elevation drop 0.001 used for Conduit U-90
Warning 04: minimum elevation drop 0.001 used for Conduit U-91
Warning 04: minimum elevation drop 0.001 used for Conduit U-92
Warning 04: minimum elevation drop 0.001 used for Conduit U-96
Warning 04: minimum elevation drop 0.001 used for Conduit U-97
Warning 04: minimum elevation drop 0.001 used for Conduit U-98
Warning 04: minimum elevation drop 0.001 used for Conduit U-99
  WARNING 10: crest elevation is below downstream invert for regulator Link WEIR-63
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-19
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-21
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-23
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-25
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-27
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-29
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-31
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-33
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-37
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-39
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-41
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-43
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-45
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-49
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-51
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-53
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-55
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-57
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-59
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-61
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-63
  WARNING 10: crest elevation is below downstream invert for regulator Link J33A_OUTFALL
  WARNING 10: crest elevation is below downstream invert for regulator Link U-331
  WARNING 10: crest elevation is below downstream invert for regulator Link W-ENID-DRIVE
  WARNING 10: crest elevation is below downstream invert for regulator Link WELL-W-MCINTYRE
Warning 02: maximum depth 6.600 increased for Node J-109
Warning 02: maximum depth 6.210 increased for Node J-126
Warning 02: maximum depth 6.040 increased for Node J-127
Warning 02: maximum depth 6.080 increased for Node J-128
Warning 02: maximum depth 10.360 increased for Node J-15A
Warning 02: maximum depth 6.110 increased for Node J-259
Warning 02: maximum depth 8.950 increased for Node J-268
Warning 02: maximum depth 6.260 increased for Node J-278
```

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Warning 02: maximum depth 8.950 increased for Node J-284
Warning 02: maximum depth 10.460 increased for Node J-328A
Warning 02: maximum depth 11.060 increased for Node J-432B
Warning 02: maximum depth 8.950 increased for Node J-444-WEIR
Warning 02: maximum depth 10.760 increased for Node J-54B
Warning 02: maximum depth 6.090 increased for Node J-570
Warning 02: maximum depth 7.560 increased for Node J-611
Warning 02: maximum depth 7.950 increased for Node J-692-WEIR
Warning 02: maximum depth 9.560 increased for Node J-757
Warning 02: maximum depth 9.500 increased for Node J-902

  ***************************************************************
    NOTE: The summary statistics displayed in this report are
    based on results found at every computational time step,
    not just on results from each reporting time step.
  ***************************************************************

  ********************
    Analysis Options
  ********************
  Flow Units ............... CFS
  Process Models:
    Rainfall/Runoff ........ YES
    RDII ................... NO
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Ponding Allowed ........ YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ JAN-01-2002 00:00:00
  Ending Date .............. JAN-04-2002 06:00:00
  Antecedent Dry Days ...... 5.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 00:05:00
  Routing Time Step ........ 4.00 sec
  Variable Time Step ....... YES
  Maximum Trials ........... 5
  Head Tolerance ........... 1.000000 ft


  *************************        Volume         Depth
  Runoff Quantity Continuity     acre-feet        inches
  *************************     ---------       -------
  Total Precipitation ......       326.903         9.510
  Evaporation Loss .........         0.000         0.000
  Infiltration Loss ........        48.600         1.414
  Surface Runoff ...........       223.928         6.514
  Final Surface Storage ....        54.530         1.586
  Continuity Error (%) .....        -0.048


  *************************        Volume        Volume
  Flow Routing Continuity        acre-feet      10^6 gal
  *************************     ---------     ---------
  Dry Weather Inflow .......         0.000         0.000
  Wet Weather Inflow .......       223.673        72.887
  Groundwater Inflow .......         0.000         0.000
  RDII Inflow ..............         0.000         0.000
  External Inflow ..........         0.000         0.000
  External Outflow .........       213.265        69.495
  Internal Outflow .........         0.000         0.000
  Evaporation Loss .........         0.000         0.000
  Exfiltration Loss ........         0.000         0.000
  Initial Stored Volume ....         0.033         0.011
  Final Stored Volume ......         9.133         2.976
  Continuity Error (%) .....         0.585
```

```
****************************
  Highest Continuity Errors
****************************
Node J-566-WEIR                          -100.21%    -0.7399
Node JCT-26-WEIR                          -84.55%    -1.2035
Node J-748-WEIR-STANTEC                   -72.07%    -2.3751
Node J-884                                -28.83%    -1.0910
Node J-82                                  24.59%     0.2509
Node JCT-26                               -23.53%    -0.5724
Node J-792                                -22.99%    -0.1789
Node J-174                                 22.92%     0.1628
Node J-104                                 21.85%     0.5345
Node J-618                                 20.24%     0.1714
Node J-444-WEIR                           -20.23%    -0.4417
Node J-256                                -20.01%    -0.2832
Node J-588                                 19.82%     0.2373
Node J-632                                 19.66%     0.1504
Node J-697                                 18.17%     0.1991
Node J-393                                 17.27%     0.2137
Node J-748                                 16.72%     1.0580
Node J-566                                 16.54%     0.6235
Node J-242                                 15.41%     0.0986
Node J-601                                 15.33%     0.2062
                                                     -2.9796 Mgal


******************************
  Time-Step Critical Elements
******************************
Link U-262-NEW (11.55%)
Link U-346 (5.42%)
Link U-300 (4.27%)
Link U-295 (3.57%)
Link U-837 (3.37%)
Link U-496 (2.98%)
Link U-155 (2.97%)
Link U-193 (2.91%)
Link U-390 (2.46%)
Link U-199 (2.16%)
Link U-293 (2.08%)
Link U-298 (1.94%)
Link U-105 (1.83%)
Link U-599 (1.75%)
Link U-587 (1.71%)
Link U-64 (1.60%)
Link U-231 (1.58%)
Link U-197 (1.58%)
Link U-572 (1.43%)
Link U-624 (1.42%)


**********************************
  Highest Flow Instability Indexes
**********************************
Link U-869 (134)
Link U-550 (87)
Link U-572 (82)
Link U-864 (78)
Link U-652 (77)
Link U-725 (76)
Link U-651 (75)
Link U-502 (74)
Link CDT-187 (74)
Link CDT-189 (74)
Link U-548 (74)
Link CDT-299 (74)
Link U-221 (74)
Link U-129 (72)
Link U-98 (71)
Link U-710 (71)
Link U-447 (71)
Link U-112 (69)
Link U-11 (67)
Link U-688 (67)
```

```
****************************
  Routing Time Step Summary
****************************
Minimum Time Step           :     0.10 sec
Average Time Step           :     0.89 sec
Maximum Time Step           :     4.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     4.84
Percent Not Converging      :    89.94
Total Steps                 :   314335
Total Iterations            :  1521065
```

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
SUB-11856	9.51	0.00	0.00	1.36	7.04	0.36	4.07	0.740
SUB-11868	9.51	0.00	0.00	0.87	6.57	0.44	3.91	0.690
SUB-11924	9.51	0.00	0.00	1.55	6.85	0.53	5.98	0.720
SUB-11926	9.51	0.00	0.00	1.55	6.05	1.13	9.99	0.636
SUB-11930	9.51	0.00	0.00	1.55	6.88	0.38	4.31	0.724
SUB-11932	9.51	0.00	0.00	1.99	7.10	0.29	3.58	0.746
SUB-11936	9.51	0.00	0.00	1.13	6.25	0.25	2.45	0.657
SUB-11944	9.51	0.00	0.00	1.55	6.94	0.68	7.89	0.730
SUB-11948	9.51	0.00	0.00	1.55	6.75	0.61	6.67	0.709
SUB-11950	9.51	0.00	0.00	1.24	6.70	0.27	2.86	0.704
SUB-11954	9.51	0.00	0.00	1.55	7.24	0.30	3.74	0.761
SUB-11958	9.51	0.00	0.00	1.55	6.53	0.66	6.82	0.686
SUB-11968	9.51	0.00	0.00	2.01	7.13	0.44	5.60	0.749
SUB-11970	9.51	0.00	0.00	1.37	6.73	0.35	3.83	0.708
SUB-11972	9.51	0.00	0.00	1.55	6.92	0.54	6.25	0.727
SUB-11978	9.51	0.00	0.00	1.55	7.03	0.52	6.14	0.739
SUB-11984	9.51	0.00	0.00	1.55	6.73	0.42	4.62	0.708
SUB-11986	9.51	0.00	0.00	1.49	6.57	0.42	4.45	0.691
SUB-11988	9.51	0.00	0.00	1.52	6.68	0.80	8.69	0.703
SUB-11990	9.51	0.00	0.00	1.55	7.12	0.37	4.52	0.748
SUB-11994	9.51	0.00	0.00	1.55	7.25	0.35	4.44	0.763
SUB-11998	9.51	0.00	0.00	1.55	6.51	0.75	7.68	0.684
SUB-12004	9.51	0.00	0.00	1.55	7.19	0.32	4.01	0.756
SUB-12010	9.51	0.00	0.00	1.55	7.19	0.29	3.54	0.756
SUB-12014	9.51	0.00	0.00	0.87	6.64	0.18	1.61	0.698
SUB-12016	9.51	0.00	0.00	1.55	6.99	0.52	6.12	0.735
SUB-12024	9.51	0.00	0.00	1.53	6.77	0.39	4.27	0.712
SUB-12036	9.51	0.00	0.00	1.52	6.88	0.42	4.84	0.723
SUB-12044	9.51	0.00	0.00	0.87	6.64	0.41	3.66	0.698
SUB-12046	9.51	0.00	0.00	1.55	6.87	0.41	4.61	0.722
SUB-12048	9.51	0.00	0.00	1.42	7.33	0.25	3.04	0.771
SUB-12052	9.51	0.00	0.00	1.55	7.14	0.60	7.42	0.751
SUB-12060	9.51	0.00	0.00	1.55	6.75	0.38	4.18	0.710
SUB-12062	9.51	0.00	0.00	1.55	6.58	0.25	2.63	0.692
SUB-12068	9.51	0.00	0.00	1.54	7.07	0.26	3.08	0.743
SUB-12072	9.51	0.00	0.00	1.55	6.37	1.11	10.90	0.669
SUB-12084	9.51	0.00	0.00	1.55	6.79	0.74	8.22	0.714
SUB-12086	9.51	0.00	0.00	1.55	6.88	0.81	9.24	0.724
SUB-12088	9.51	0.00	0.00	1.55	6.79	0.65	7.19	0.714
SUB-12100	9.51	0.00	0.00	1.55	6.37	0.60	5.92	0.670
SUB-12110	9.51	0.00	0.00	1.55	6.77	0.27	3.01	0.712
SUB-12112	9.51	0.00	0.00	1.55	6.51	0.46	4.77	0.684
SUB-12116	9.51	0.00	0.00	1.55	6.56	0.42	4.41	0.689
SUB-12122	9.51	0.00	0.00	1.55	7.45	0.04	0.53	0.784
SUB-12128	9.51	0.00	0.00	1.55	6.69	0.32	3.51	0.703
SUB-12132	9.51	0.00	0.00	1.55	6.43	0.53	5.37	0.677
SUB-12136	9.51	0.00	0.00	1.55	6.54	0.44	4.55	0.687
SUB-12138	9.51	0.00	0.00	1.55	6.64	0.36	3.80	0.698
SUB-12142	9.51	0.00	0.00	1.55	6.18	0.86	7.94	0.650
SUB-12144	9.51	0.00	0.00	1.55	6.10	0.98	8.90	0.642
SUB-12150	9.51	0.00	0.00	1.55	6.95	0.41	4.79	0.731

SUB-12152	9.51	0.00	0.00	1.55	6.66	0.64	6.82	0.700
SUB-12154	9.51	0.00	0.00	1.55	6.51	1.04	10.74	0.685
SUB-12158	9.51	0.00	0.00	1.55	6.96	0.35	4.09	0.732
SUB-12160	9.51	0.00	0.00	1.55	7.05	0.71	8.57	0.742
SUB-12162	9.51	0.00	0.00	1.55	7.01	0.53	6.27	0.737
SUB-12164	9.51	0.00	0.00	1.55	6.92	0.42	4.81	0.728
SUB-12166	9.51	0.00	0.00	1.55	6.69	0.27	2.93	0.703
SUB-12168	9.51	0.00	0.00	1.55	6.83	0.39	4.39	0.719
SUB-12170	9.51	0.00	0.00	1.55	7.60	0.12	1.69	0.799
SUB-12172	9.51	0.00	0.00	1.55	7.31	0.22	2.87	0.769
SUB-12174	9.51	0.00	0.00	1.55	6.98	0.50	5.84	0.734
SUB-12176	9.51	0.00	0.00	1.55	7.01	0.33	3.86	0.737
SUB-12180	9.51	0.00	0.00	1.55	6.91	0.46	5.24	0.726
SUB-12182	9.51	0.00	0.00	1.55	6.88	0.21	2.43	0.724
SUB-12184	9.51	0.00	0.00	1.55	7.15	0.11	1.32	0.752
SUB-12186	9.51	0.00	0.00	1.55	6.72	0.31	3.33	0.706
SUB-12188	9.51	0.00	0.00	1.55	6.47	0.50	5.05	0.681
SUB-12190	9.51	0.00	0.00	1.55	6.62	0.37	3.94	0.696
SUB-12192	9.51	0.00	0.00	1.55	6.48	0.49	4.95	0.682
SUB-12194	9.51	0.00	0.00	1.55	7.03	0.27	3.21	0.739
SUB-12196	9.51	0.00	0.00	1.55	6.63	0.30	3.19	0.697
SUB-12198	9.51	0.00	0.00	1.55	6.86	0.34	3.83	0.722
SUB-12200	9.51	0.00	0.00	1.55	6.72	0.30	3.31	0.707
SUB-12202	9.51	0.00	0.00	1.55	6.47	0.50	5.07	0.680
SUB-12204	9.51	0.00	0.00	1.55	6.80	0.26	2.87	0.715
SUB-12206	9.51	0.00	0.00	1.54	6.44	0.50	5.10	0.677
SUB-12208	9.51	0.00	0.00	1.49	6.81	0.22	2.47	0.716
SUB-12210	9.51	0.00	0.00	1.55	6.63	0.36	3.86	0.697
SUB-12212	9.51	0.00	0.00	1.45	6.65	0.28	2.98	0.699
SUB-12214	9.51	0.00	0.00	1.51	6.43	0.49	4.94	0.676
SUB-12216	9.51	0.00	0.00	1.26	6.57	0.20	2.14	0.691
SUB-12218	9.51	0.00	0.00	1.28	6.77	0.15	1.66	0.712
SUB-12222	9.51	0.00	0.00	1.55	6.73	0.30	3.25	0.708
SUB-12224	9.51	0.00	0.00	1.55	6.88	0.22	2.46	0.723
SUB-12226	9.51	0.00	0.00	1.55	7.10	0.33	4.01	0.746
SUB-12228	9.51	0.00	0.00	1.55	7.04	0.35	4.14	0.740
SUB-12230	9.51	0.00	0.00	1.55	7.09	0.13	1.53	0.746
SUB-12232	9.51	0.00	0.00	1.55	7.09	0.13	1.54	0.746
SUB-12234	9.51	0.00	0.00	1.55	6.87	0.22	2.48	0.723
SUB-12238	9.51	0.00	0.00	1.55	7.19	0.30	3.75	0.756
SUB-12240	9.51	0.00	0.00	1.55	7.46	0.23	3.03	0.785
SUB-12242	9.51	0.00	0.00	1.55	6.57	0.41	4.26	0.691
SUB-12244	9.51	0.00	0.00	1.55	6.74	0.29	3.21	0.708
SUB-12246	9.51	0.00	0.00	1.55	6.88	0.21	2.45	0.723
SUB-12248	9.51	0.00	0.00	1.55	6.86	0.22	2.51	0.722
SUB-12250	9.51	0.00	0.00	1.55	6.64	0.35	3.78	0.699
SUB-12252	9.51	0.00	0.00	1.55	6.33	1.03	10.03	0.665
SUB-12256	9.51	0.00	0.00	1.55	6.94	0.38	4.41	0.730
SUB-12258	9.51	0.00	0.00	1.55	7.05	0.42	5.00	0.741
SUB-12260	9.51	0.00	0.00	1.55	6.87	0.40	4.56	0.723
SUB-12262	9.51	0.00	0.00	1.55	7.10	0.28	3.39	0.746
SUB-12264	9.51	0.00	0.00	1.55	7.13	0.36	4.36	0.750
SUB-12266	9.51	0.00	0.00	1.55	6.65	0.35	3.72	0.700
SUB-12268	9.51	0.00	0.00	1.55	6.77	0.54	6.03	0.712
SUB-12272	9.51	0.00	0.00	1.55	6.98	0.55	6.44	0.734
SUB-12274	9.51	0.00	0.00	1.55	6.59	0.36	3.83	0.693
SUB-12276	9.51	0.00	0.00	1.55	6.47	0.63	6.36	0.681
SUB-12278	9.51	0.00	0.00	1.55	6.49	0.50	5.08	0.682
SUB-12280	9.51	0.00	0.00	1.55	6.34	0.66	6.41	0.667
SUB-12284	9.51	0.00	0.00	1.34	6.46	0.39	4.09	0.680

SUB-12286	9.51	0.00	0.00	1.73	6.53	0.38	3.69	0.686
SUB-12288	9.51	0.00	0.00	2.12	7.03	0.77	8.68	0.740
SUB-12290	9.51	0.00	0.00	1.55	6.77	0.37	4.09	0.712
SUB-12292	9.51	0.00	0.00	1.55	6.77	0.44	4.88	0.712
SUB-12294	9.51	0.00	0.00	1.55	6.56	0.50	5.22	0.690
SUB-12296	9.51	0.00	0.00	1.55	6.90	0.31	3.58	0.726
SUB-12300	9.51	0.00	0.00	1.55	6.53	0.61	6.32	0.687
SUB-12302	9.51	0.00	0.00	1.55	6.28	0.65	6.18	0.660
SUB-12304	9.51	0.00	0.00	1.45	6.62	0.28	3.04	0.696
SUB-12306	9.51	0.00	0.00	1.55	6.69	0.60	6.47	0.704
SUB-12308	9.51	0.00	0.00	1.55	6.64	0.94	10.07	0.698
SUB-12310	9.51	0.00	0.00	1.11	5.95	0.77	7.49	0.626
SUB-12312	9.51	0.00	0.00	1.55	7.46	0.11	1.53	0.784
SUB-12314	9.51	0.00	0.00	1.23	6.19	0.59	5.86	0.651
SUB-12316	9.51	0.00	0.00	1.14	6.37	0.49	4.97	0.670
SUB-12318	9.51	0.00	0.00	1.55	6.80	0.64	7.11	0.715
SUB-12320	9.51	0.00	0.00	1.55	6.87	0.39	4.47	0.723
SUB-12322	9.51	0.00	0.00	1.55	6.45	0.52	5.24	0.678
SUB-12324	9.51	0.00	0.00	1.55	6.82	0.54	6.10	0.717
SUB-12326	9.51	0.00	0.00	1.55	7.38	0.14	1.82	0.776
SUB-12328	9.51	0.00	0.00	1.55	6.81	0.25	2.79	0.716
SUB-12330	9.51	0.00	0.00	1.55	7.02	0.15	1.80	0.738
SUB-12332	9.51	0.00	0.00	1.55	7.29	0.16	2.00	0.766
SUB-12334	9.51	0.00	0.00	1.55	6.77	0.27	3.00	0.712
SUB-12336	9.51	0.00	0.00	1.55	7.08	0.13	1.57	0.745
SUB-12340	9.51	0.00	0.00	1.48	6.50	0.39	4.07	0.683
SUB-12344	9.51	0.00	0.00	1.55	6.69	0.32	3.47	0.704
SUB-12346	9.51	0.00	0.00	1.55	6.67	0.33	3.58	0.702
SUB-12348	9.51	0.00	0.00	1.51	6.49	0.43	4.39	0.682
SUB-12350	9.51	0.00	0.00	1.51	6.50	0.41	4.30	0.684
SUB-12352	9.51	0.00	0.00	1.55	6.48	0.49	4.98	0.682
SUB-12354	9.51	0.00	0.00	1.55	6.41	0.56	5.61	0.674
SUB-12356	9.51	0.00	0.00	1.50	6.61	0.33	3.54	0.695
SUB-12358	9.51	0.00	0.00	1.55	6.79	0.26	2.89	0.714
SUB-12362	9.51	0.00	0.00	1.55	7.33	0.06	0.81	0.771
SUB-12364	9.51	0.00	0.00	1.29	7.15	0.08	0.87	0.752
SUB-12366	9.51	0.00	0.00	1.43	7.17	0.09	1.04	0.754
SUB-12368	9.51	0.00	0.00	0.29	4.43	0.17	0.88	0.466
SUB-12372	9.51	0.00	0.00	0.80	5.04	0.19	1.62	0.530
SUB-12374	9.51	0.00	0.00	0.87	5.80	0.49	4.39	0.609
SUB-12376	9.51	0.00	0.00	0.87	7.43	0.32	2.83	0.781
SUB-12380	9.51	0.00	0.00	0.87	6.65	0.69	6.19	0.699
SUB-12382	9.51	0.00	0.00	0.28	5.64	0.21	0.96	0.593
SUB-12386	9.51	0.00	0.00	0.31	4.89	0.18	0.95	0.514
SUB-12388	9.51	0.00	0.00	0.32	4.47	0.25	1.35	0.470
SUB-12394	9.51	0.00	0.00	0.87	5.94	0.21	1.88	0.624
SUB-12396	9.51	0.00	0.00	0.87	5.12	0.49	4.39	0.538
SUB-12398	9.51	0.00	0.00	0.87	6.04	0.19	1.69	0.635
SUB-12400	9.51	0.00	0.00	0.87	6.33	0.14	1.22	0.665
SUB-12402	9.51	0.00	0.00	0.87	5.27	0.42	3.78	0.554
SUB-12404	9.51	0.00	0.00	0.87	5.58	0.31	2.74	0.587
SUB-12408	9.51	0.00	0.00	0.87	4.70	0.78	6.80	0.494
SUB-12410	9.51	0.00	0.00	0.87	5.76	0.25	2.27	0.606
SUB-12414	9.51	0.00	0.00	0.87	5.34	0.39	3.50	0.562
SUB-12418	9.51	0.00	0.00	0.87	5.08	0.51	4.56	0.534
SUB-12420	9.51	0.00	0.00	0.87	5.83	0.23	2.11	0.613
SUB-12422	9.51	0.00	0.00	0.87	5.73	0.26	2.35	0.602
SUB-12424	9.51	0.00	0.00	0.35	4.68	0.23	1.31	0.492
SUB-12428	9.51	0.00	0.00	0.36	5.25	0.15	0.84	0.552
SUB-12430	9.51	0.00	0.00	0.81	5.07	0.44	3.82	0.533

SUB-12432	9.51	0.00	0.00	1.55	6.98	0.17	1.97	0.734
SUB-12434	9.51	0.00	0.00	0.85	5.50	0.31	2.78	0.578
SUB-12438	9.51	0.00	0.00	1.55	6.64	0.73	7.83	0.698
SUB-12442	9.51	0.00	0.00	1.55	7.54	0.09	1.24	0.793
SUB-12444	9.51	0.00	0.00	0.30	5.28	0.17	0.85	0.555
SUB-12446	9.51	0.00	0.00	0.39	4.98	0.19	1.15	0.523
SUB-12448	9.51	0.00	0.00	1.55	7.14	0.37	4.55	0.750
SUB-12450	9.51	0.00	0.00	1.55	6.87	0.22	2.46	0.723
SUB-12452	9.51	0.00	0.00	1.55	6.79	0.26	2.92	0.714
SUB-12454	9.51	0.00	0.00	1.44	6.63	0.27	2.92	0.698
SUB-12456	9.51	0.00	0.00	1.45	6.82	0.19	2.18	0.717
SUB-12458	9.51	0.00	0.00	1.27	6.55	0.22	2.29	0.689
SUB-12460	9.51	0.00	0.00	0.00	7.46	0.33	3.25	0.784

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Node Depth Summary
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Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum Run HGL Feet	Time of Max Occurrence days hr:min	Maximum Output HGL Feet	Time of Max Occurrence days hr:min
J-102	JUNCTION	3.81	8.02	3.46	2 15:57	3.46	2 15:58
J-104	JUNCTION	3.95	7.97	3.41	2 15:33	3.41	2 15:34
J-106	JUNCTION	2.96	7.96	3.40	2 15:23	3.40	2 15:23
J-109	JUNCTION	3.81	7.82	3.26	2 14:58	3.26	2 14:58
J-11	JUNCTION	3.48	7.59	3.03	2 19:00	3.02	2 19:37
J-110	JUNCTION	3.93	7.38	3.26	2 14:59	3.26	2 14:59
J-113	JUNCTION	3.88	7.74	3.18	2 14:32	3.18	2 14:33
J-114	JUNCTION	3.87	7.74	3.18	2 14:32	3.18	2 14:32
J-118	JUNCTION	3.82	7.73	3.17	2 14:31	3.17	2 14:31
J-12	JUNCTION	3.47	7.60	3.04	2 15:51	3.02	2 15:54
J-121	JUNCTION	2.96	7.96	3.40	2 15:23	3.40	2 15:23
J-126	JUNCTION	4.73	7.07	3.51	2 16:04	3.51	2 16:04
J-126A	JUNCTION	4.74	7.21	3.65	2 16:07	3.64	2 16:11
J-127	JUNCTION	4.39	6.95	3.39	2 15:41	3.39	2 15:42
J-128	JUNCTION	3.42	6.93	3.37	2 15:34	3.37	2 15:35
J-129	JUNCTION	2.95	6.73	3.17	2 14:30	3.17	2 14:31
J-130	JUNCTION	3.01	6.65	3.09	2 13:15	3.09	2 13:16
J-131	JUNCTION	3.05	7.06	3.50	2 13:18	3.50	2 13:34
J-132	JUNCTION	3.12	6.71	3.15	2 13:08	3.15	2 13:09
J-137	JUNCTION	3.02	6.72	3.16	2 13:26	3.16	2 13:27
J-139	JUNCTION	2.86	6.77	3.21	2 14:13	3.21	2 14:13
J-140	JUNCTION	2.94	6.92	3.36	2 15:12	3.36	2 15:13
J-147	JUNCTION	2.98	7.21	3.65	2 16:22	3.65	2 16:23
J-148	JUNCTION	2.93	7.29	3.73	2 16:24	3.73	2 16:24
J-149	JUNCTION	2.91	7.29	3.73	2 16:24	3.73	2 16:24
J-15	JUNCTION	3.02	7.23	3.17	2 14:49	3.17	2 14:59
J-152	JUNCTION	2.94	7.35	3.79	2 16:19	3.79	2 16:20
J-153	JUNCTION	2.89	7.38	3.82	2 16:09	3.82	2 16:09
J-155	JUNCTION	2.88	7.40	3.84	2 15:57	3.84	2 15:57
J-156	JUNCTION	2.87	7.48	3.92	2 15:21	3.92	2 15:22
J-158	JUNCTION	2.76	7.56	4.00	2 14:54	4.00	2 14:54
J-158A	JUNCTION	2.75	7.56	4.00	2 14:54	4.00	2 14:55
J-15A	JUNCTION	0.50	3.22	3.22	2 14:12	3.22	2 13:47
J-160	JUNCTION	2.77	7.56	4.00	2 14:56	4.00	2 14:57
J-161	JUNCTION	3.03	6.56	3.00	2 12:10	3.00	2 12:10
J-162	JUNCTION	3.09	7.31	3.75	2 13:26	3.75	2 20:59
J-163	JUNCTION	3.12	6.24	2.68	2 12:25	2.68	2 12:25
J-164	JUNCTION	3.21	6.51	2.95	2 10:38	2.95	1 19:37
J-165	JUNCTION	3.25	6.60	3.04	2 10:28	3.04	0 10:18
J-166	JUNCTION	3.31	6.37	2.81	2 09:24	2.81	1 21:23
J-167	JUNCTION	3.29	6.02	2.46	0 09:09	2.46	1 21:08
J-168	JUNCTION	3.34	6.16	2.60	1 19:58	2.60	1 15:19
J-169	JUNCTION	3.38	6.31	2.75	2 07:53	2.75	0 20:05
J-170	JUNCTION	3.34	6.41	2.85	2 20:18	2.85	2 20:18
J-174	JUNCTION	2.83	7.56	4.00	2 14:57	4.00	2 14:57
J-175	JUNCTION	2.79	7.56	4.00	2 14:59	4.00	2 14:59
J-176	JUNCTION	2.77	7.57	4.01	2 14:55	4.01	2 14:55
J-179	JUNCTION	3.23	8.07	4.01	2 14:53	4.01	2 14:54
J-18	JUNCTION	2.54	6.73	3.17	2 15:00	3.17	2 15:00
J-180	JUNCTION	2.86	7.07	3.51	2 15:56	3.51	2 15:56
J-180A	JUNCTION	2.86	7.25	3.69	2 16:07	3.67	2 15:30
J-185	JUNCTION	3.33	7.65	3.59	2 16:08	3.59	2 16:09
J-185A	JUNCTION	2.84	7.26	3.70	2 17:24	3.67	2 17:22
J-188	JUNCTION	3.31	8.08	4.02	2 15:15	4.02	2 14:59
J-188A	JUNCTION	2.82	7.71	4.15	2 15:17	4.13	2 14:38
J-191	JUNCTION	2.66	6.88	3.32	2 16:21	3.32	2 16:22
J-191A	JUNCTION	2.66	6.96	3.40	2 14:46	3.39	2 14:40
J-195	JUNCTION	2.94	7.58	4.02	2 15:02	4.02	2 14:52
J-195A	JUNCTION	2.94	7.68	4.12	2 14:47	4.09	2 14:58
J-198	JUNCTION	3.03	7.57	4.01	2 14:58	4.01	2 14:59
J-199	JUNCTION	2.95	7.43	3.87	2 16:01	3.87	2 16:01
J-19A	JUNCTION	2.54	6.86	3.30	3 03:38	3.19	2 14:39
J-203	JUNCTION	2.91	7.38	3.82	2 16:20	3.82	2 16:20
J-204	JUNCTION	2.92	7.39	3.83	2 16:17	3.83	2 16:18
J-206	JUNCTION	2.92	7.23	3.67	2 16:19	3.67	2 16:19
J-208	JUNCTION	2.88	7.19	3.63	2 16:17	3.63	2 16:18
J-209	JUNCTION	2.91	7.19	3.63	2 16:15	3.63	2 16:15
J-212	JUNCTION	2.94	7.17	3.61	2 16:13	3.61	2 15:57
J-213	JUNCTION	2.86	7.16	3.60	2 16:11	3.60	2 16:12
J-213A	JUNCTION	2.86	7.28	3.72	2 16:30	3.70	2 15:26
J-217	JUNCTION	6.69	11.25	3.56	2 16:41	3.56	2 16:41

J-218	JUNCTION	6.20	10.67	3.53	2	16:51	3.53	2	16:52
J-222	JUNCTION	4.41	8.70	3.53	2	16:51	3.53	2	16:32
J-223	JUNCTION	4.33	8.59	3.53	2	16:31	3.53	2	16:31
J-223A	JUNCTION	2.88	7.25	3.69	2	16:53	3.66	2	16:11
J-225	JUNCTION	2.88	7.02	3.46	2	16:24	3.46	2	16:25
J-226	JUNCTION	2.87	7.02	3.46	2	16:26	3.46	2	16:26
J-232	JUNCTION	2.89	6.98	3.42	2	16:21	3.42	2	16:22
J-233	JUNCTION	2.85	6.94	3.38	2	16:20	3.38	2	16:20
J-235	JUNCTION	2.81	6.94	3.38	2	16:19	3.38	2	16:19
J-238	JUNCTION	3.87	7.86	3.30	2	15:37	3.30	2	15:37
J-24	JUNCTION	2.59	6.77	3.21	2	15:40	3.21	2	15:41
J-242	JUNCTION	2.93	6.86	3.30	2	15:36	3.30	2	15:37
J-244	JUNCTION	2.97	6.87	3.31	2	14:48	3.31	2	14:49
J-247	JUNCTION	2.99	6.86	3.30	2	14:49	3.30	2	14:50
J-248	JUNCTION	2.94	6.80	3.24	2	15:13	3.24	2	15:13
J-249	JUNCTION	2.93	6.80	3.24	2	15:13	3.24	2	15:13
J-25	JUNCTION	2.55	6.76	3.20	2	14:49	3.20	2	14:48
J-253	JUNCTION	4.55	6.25	2.69	2	13:30	2.69	2	13:30
J-254	JUNCTION	4.55	6.21	2.65	2	13:28	2.65	2	13:29
J-256	JUNCTION	4.55	6.17	2.61	2	13:24	2.61	2	13:25
J-259	JUNCTION	4.46	5.87	2.31	2	13:24	2.31	2	13:25
J-25A	JUNCTION	2.55	6.86	3.30	3	03:54	3.21	2	14:40
J-260	JUNCTION	3.51	4.82	1.26	2	03:56	1.23	2	21:45
J-261	JUNCTION	2.76	4.76	1.20	2	13:57	1.20	2	13:57
J-261-WEIR	JUNCTION	3.55	4.64	1.08	2	21:44	1.04	3	00:22
J-262	JUNCTION	3.63	6.56	3.00	1	21:41	3.00	2	21:45
J-266	JUNCTION	2.94	6.28	2.72	2	15:07	2.72	2	15:08
J-267	JUNCTION	3.41	6.84	2.78	2	15:00	2.78	2	15:00
J-268	JUNCTION	3.84	7.56	3.00	2	14:29	2.99	2	14:07
J-268-WEIR	JUNCTION	2.08	7.54	2.98	2	14:12	2.98	2	14:12
J-269	JUNCTION	3.85	7.59	3.03	2	14:42	3.03	2	14:42
J-27	JUNCTION	2.55	6.79	3.23	2	15:47	3.23	2	15:47
J-271	JUNCTION	3.24	6.57	3.07	0	00:00	2.24	0	00:01
J-275	JUNCTION	3.86	7.54	2.98	2	14:10	2.98	2	14:11
J-278	JUNCTION	2.92	5.08	1.52	2	13:39	1.52	2	13:39
J-27A	JUNCTION	2.55	6.81	3.25	2	15:48	3.25	2	15:51
J-280	JUNCTION	3.02	5.61	2.05	3	00:13	2.05	2	09:03
J-281	JUNCTION	3.10	6.07	2.51	2	13:38	2.51	2	13:39
J-282	JUNCTION	3.14	6.28	2.72	2	13:34	2.72	2	13:34
J-283	JUNCTION	3.14	6.42	2.86	2	13:33	2.86	2	13:34
J-284	JUNCTION	3.14	6.47	2.91	2	13:32	2.91	2	13:33
J-284-WEIR	JUNCTION	0.00	0.00	0.00	0	00:00	0.00	0	00:00
J-285	JUNCTION	4.14	7.57	3.01	2	05:10	2.98	2	14:12
J-286	JUNCTION	3.22	7.06	3.00	2	14:12	3.00	2	14:13
J-288	JUNCTION	3.14	6.52	2.96	2	12:57	2.96	2	12:57
J-288A	JUNCTION	3.14	6.87	3.31	2	14:07	3.23	2	14:08
J-290	JUNCTION	2.64	7.27	3.71	2	13:24	3.71	2	13:21
J-290A	JUNCTION	0.51	3.78	3.78	2	13:23	3.78	2	13:29
J-293	JUNCTION	2.64	7.01	3.45	2	13:55	3.45	2	13:55
J-295	JUNCTION	2.63	6.97	3.41	2	13:58	3.41	2	13:58
J-296	JUNCTION	2.64	6.92	3.36	2	14:01	3.36	2	14:01
J-297	JUNCTION	2.61	6.62	3.06	2	14:07	3.06	2	14:08
J-30	JUNCTION	2.59	6.80	3.24	2	16:07	3.24	2	16:08
J-300	JUNCTION	3.08	7.11	3.05	2	14:07	3.05	2	14:07
J-301	JUNCTION	3.22	7.10	3.04	2	14:08	3.04	2	14:09
J-304	JUNCTION	2.48	7.11	3.05	2	14:05	3.05	2	14:06
J-305	JUNCTION	2.46	7.11	3.05	2	14:06	3.05	2	14:07
J-31	JUNCTION	2.55	6.80	3.24	2	16:16	3.24	2	16:17
J-310	JUNCTION	1.97	6.60	3.04	2	14:01	3.04	2	14:02
J-312	JUNCTION	1.95	6.59	3.03	2	14:00	3.03	2	14:00
J-314	JUNCTION	1.96	6.65	3.09	2	12:57	3.09	2	12:57
J-314A	JUNCTION	1.96	6.69	3.13	2	23:28	3.09	2	12:57
J-317	JUNCTION	2.02	6.75	3.19	2	15:42	3.19	2	15:42
J-31A	JUNCTION	2.54	6.85	3.29	2	15:35	3.29	2	15:36
J-321	JUNCTION	1.99	6.79	3.23	2	15:48	3.23	2	15:58
J-321A	JUNCTION	1.99	6.81	3.25	2	15:50	3.24	2	16:00
J-323	JUNCTION	2.02	6.78	3.22	2	16:04	3.22	2	16:05
J-324	JUNCTION	2.00	6.81	3.25	2	16:02	3.25	2	16:03
J-324A	JUNCTION	2.00	6.83	3.27	2	16:03	3.26	2	15:59
J-327	JUNCTION	2.58	6.77	3.21	2	14:33	3.21	2	14:42
J-328	JUNCTION	2.56	6.80	3.24	2	14:13	3.24	2	14:13
J-328A	JUNCTION	0.51	3.33	3.33	2	14:09	3.32	2	14:12
J-33	JUNCTION	2.54	6.72	3.16	2	16:22	3.16	2	16:22
J-333	JUNCTION	2.77	7.08	3.52	2	15:17	3.52	2	15:18
J-334	JUNCTION	2.69	7.15	3.59	2	14:15	3.59	2	14:16
J-335	JUNCTION	2.68	7.01	3.45	2	14:22	3.45	2	14:22
J-341	JUNCTION	2.59	6.65	3.09	2	14:19	3.09	2	14:20
J-341A	JUNCTION	2.59	6.77	3.21	2	14:10	3.20	2	14:09
J-342	JUNCTION	2.60	7.18	3.62	2	15:08	3.62	2	15:08
J-343	JUNCTION	3.11	7.64	3.58	2	16:16	3.58	2	16:17

J-348	JUNCTION	2.62	6.91	3.35	2	16:08	3.35	2	16:09
J-351	JUNCTION	2.51	6.60	3.04	2	16:51	3.04	2	16:51
J-351A	JUNCTION	2.51	6.62	3.06	3	01:22	3.03	2	16:51
J-354	JUNCTION	4.49	6.54	2.98	2	17:00	2.98	2	17:01
J-354A	JUNCTION	4.48	6.54	2.98	2	17:03	2.98	2	17:03
J-354B	JUNCTION	4.49	6.88	3.32	2	20:29	3.26	2	21:26
J-355	JUNCTION	4.57	6.99	3.43	2	17:09	3.43	2	17:09
J-355A	JUNCTION	4.57	7.00	3.44	2	17:37	3.44	2	17:26
J-359	JUNCTION	3.06	7.50	3.44	2	17:25	3.44	2	17:30
J-36	JUNCTION	2.59	6.73	3.17	2	16:22	3.17	2	16:23
J-362	JUNCTION	2.31	7.25	3.69	2	16:22	3.69	2	16:22
J-363	JUNCTION	2.35	7.29	3.73	2	16:47	3.73	2	16:47
J-364	JUNCTION	2.31	7.29	3.73	2	16:43	3.73	2	16:43
J-367	JUNCTION	2.65	7.30	3.74	2	14:05	3.74	2	14:05
J-368	JUNCTION	2.59	7.31	3.75	2	14:00	3.75	2	14:01
J-369	JUNCTION	2.61	7.30	3.74	2	14:02	3.74	2	14:03
J-374	JUNCTION	2.32	7.30	3.74	2	16:43	3.74	2	16:43
J-375	JUNCTION	3.08	7.79	3.73	2	16:11	3.73	2	16:12
J-380	JUNCTION	2.80	7.80	3.74	2	16:44	3.74	2	16:45
J-380A	JUNCTION	2.31	7.48	3.92	3	01:54	3.76	2	15:41
J-381	JUNCTION	3.80	8.79	3.73	2	16:22	3.73	2	16:23
J-384	JUNCTION	3.66	8.29	3.73	2	16:16	3.73	2	16:16
J-385	JUNCTION	2.65	7.56	4.00	3	02:15	4.00	3	01:58
J-388	JUNCTION	3.69	8.29	3.73	2	14:17	3.73	2	14:18
J-389	JUNCTION	3.14	7.79	3.73	2	14:16	3.73	2	14:17
J-393	JUNCTION	3.20	7.80	3.74	2	14:02	3.74	2	14:02
J-396	JUNCTION	3.28	7.86	3.80	2	13:28	3.80	2	13:29
J-399	JUNCTION	2.68	7.41	3.85	3	01:26	3.84	3	03:36
J-40	JUNCTION	2.61	6.82	3.26	2	16:33	3.26	2	16:33
J-402	JUNCTION	2.60	7.85	4.29	2	12:53	4.29	2	12:54
J-402A	JUNCTION	2.60	7.85	4.29	2	12:53	4.29	2	12:52
J-405	JUNCTION	2.61	7.47	3.91	2	13:52	3.91	2	13:52
J-407	JUNCTION	2.61	7.44	3.88	2	14:09	3.88	2	14:10
J-409	JUNCTION	3.08	7.92	3.86	2	14:23	3.86	2	14:24
J-40A	JUNCTION	2.61	6.82	3.26	2	16:33	3.26	2	16:33
J-40B	JUNCTION	2.61	7.02	3.46	3	00:16	3.26	2	16:33
J-40C	JUNCTION	2.61	6.84	3.28	2	16:46	3.27	2	16:17
J-410	JUNCTION	3.15	7.92	3.86	2	14:25	3.86	2	14:26
J-412	JUNCTION	2.58	7.41	3.85	2	14:27	3.85	2	14:28
J-414	JUNCTION	2.61	7.48	3.92	2	14:47	3.92	2	14:46
J-415	JUNCTION	4.16	9.13	3.97	2	14:51	3.97	2	14:52
J-415A	JUNCTION	2.59	7.53	3.97	2	14:51	3.97	2	14:52
J-415B	JUNCTION	0.57	4.02	4.02	2	14:49	4.02	2	14:56
J-416	JUNCTION	3.57	8.47	3.91	2	14:45	3.91	2	14:45
J-417	JUNCTION	3.58	8.29	3.73	2	15:47	3.73	2	15:47
J-42	JUNCTION	2.58	6.75	3.19	2	16:59	3.19	2	16:59
J-421	JUNCTION	2.60	7.29	3.73	2	15:45	3.73	2	15:45
J-422	JUNCTION	2.61	7.31	3.75	2	16:40	3.75	2	16:41
J-422A	JUNCTION	2.61	7.37	3.81	2	17:32	3.77	2	17:32
J-423	JUNCTION	4.12	8.40	3.34	2	23:28	3.34	2	23:28
J-423A	JUNCTION	2.64	7.55	3.99	2	23:23	3.66	2	18:32
J-424	JUNCTION	2.70	6.96	3.40	2	16:23	3.40	2	16:24
J-427	JUNCTION	2.71	6.98	3.42	2	15:57	3.42	2	15:57
J-42A	JUNCTION	2.58	6.75	3.19	2	16:59	3.19	2	16:59
J-430	JUNCTION	2.69	7.14	3.58	2	13:39	3.58	2	13:39
J-430A	JUNCTION	2.69	7.19	3.63	2	13:26	3.62	2	13:28
J-431	JUNCTION	5.39	9.12	3.58	2	13:34	3.58	2	13:33
J-431A	JUNCTION	3.48	7.20	3.64	3	03:13	3.62	2	13:38
J-432	JUNCTION	5.30	8.95	3.57	2	13:35	3.57	2	13:36
J-432B	JUNCTION	0.75	3.63	3.63	2	13:33	3.63	2	13:32
J-433	JUNCTION	3.49	7.01	3.48	2	16:04	3.48	2	16:04
J-434	JUNCTION	3.54	7.04	3.48	2	16:20	3.48	2	16:20
J-435	JUNCTION	3.52	7.03	3.47	2	16:25	3.47	2	16:25
J-436	JUNCTION	4.12	7.03	3.47	2	16:42	3.47	2	16:42
J-437	JUNCTION	4.21	7.03	3.47	2	16:42	3.47	2	16:42
J-438	JUNCTION	4.16	6.97	3.41	2	18:08	3.41	2	18:08
J-439	JUNCTION	4.14	6.96	3.40	2	18:05	3.40	2	18:06
J-440	JUNCTION	5.47	8.06	3.00	2	13:33	3.00	2	14:22
J-441	JUNCTION	3.97	6.86	3.30	3	00:49	3.07	2	23:16
J-444	JUNCTION	4.10	8.26	3.20	2	19:40	3.19	2	19:42
J-444-WEIR	JUNCTION	5.47	8.95	3.89	2	19:37	3.51	2	20:08
J-445	JUNCTION	4.10	8.25	3.19	2	19:34	3.19	2	19:53
J-448	JUNCTION	4.43	7.04	3.48	2	18:33	3.48	2	18:37
J-450	JUNCTION	4.16	8.35	3.29	2	18:19	3.29	2	18:22
J-454	JUNCTION	4.43	7.04	3.48	2	18:42	3.48	2	18:42
J-455	JUNCTION	4.69	7.31	3.75	2	16:54	3.75	2	16:55
J-459	JUNCTION	5.13	7.74	3.75	2	16:52	3.75	2	16:53
J-459A	JUNCTION	4.69	7.44	3.88	2	23:23	3.80	2	17:32
J-460-NEW	JUNCTION	4.79	7.69	4.13	2	18:21	4.12	2	18:18
J-463	JUNCTION	4.80	7.70	4.14	2	18:23	4.14	2	18:23

J-466	JUNCTION	5.13	8.69	5.13	2	18:16	5.12	2	18:17
J-468	JUNCTION	5.16	8.48	4.92	2	18:18	4.92	2	18:19
J-47	JUNCTION	4.34	6.44	2.59	2	17:30	2.58	2	17:31
J-470	JUNCTION	3.91	6.92	3.36	3	04:30	3.36	3	04:31
J-471	JUNCTION	4.62	8.61	5.05	2	18:20	5.05	2	18:21
J-478	JUNCTION	3.30	6.80	3.24	3	04:46	3.24	3	04:47
J-479	JUNCTION	3.94	6.80	3.24	3	04:45	3.24	3	04:46
J-480	JUNCTION	3.32	6.76	3.20	3	04:50	3.20	3	04:50
J-481	JUNCTION	3.51	6.57	3.01	1	22:40	3.01	3	05:10
J-482	JUNCTION	3.35	6.60	3.04	3	04:46	3.04	3	05:08
J-484	JUNCTION	3.59	6.80	3.06	1	05:00	3.05	3	05:39
J-485	JUNCTION	3.49	6.63	3.06	3	05:01	3.06	3	05:02
J-486	JUNCTION	3.47	6.68	3.12	3	04:54	3.09	3	05:03
J-487	JUNCTION	3.46	6.65	3.09	1	19:26	3.09	1	19:27
J-489	JUNCTION	3.38	6.51	2.95	2	05:29	2.95	2	05:29
J-491	JUNCTION	3.56	6.27	2.71	3	04:45	2.71	3	04:45
J-492	JUNCTION	3.72	6.65	3.09	0	10:12	3.08	0	08:18
J-493	JUNCTION	3.75	6.52	2.96	2	17:24	2.95	2	16:39
J-495	JUNCTION	3.69	6.99	3.43	2	18:56	3.42	2	16:05
J-497	JUNCTION	3.80	6.37	2.81	2	14:42	2.81	2	14:43
J-498	JUNCTION	2.31	6.70	3.14	2	13:45	3.14	2	13:46
J-498A	JUNCTION	2.31	6.86	3.30	2	22:11	3.24	2	13:23
J-499	JUNCTION	2.31	6.64	3.08	2	13:52	3.08	2	13:53
J-5	JUNCTION	3.89	7.86	2.80	2	16:22	2.80	2	16:23
J-50	JUNCTION	4.16	7.17	3.46	0	10:52	3.45	2	16:43
J-500	JUNCTION	2.31	6.64	3.08	2	13:53	3.08	2	13:54
J-505	JUNCTION	2.31	6.63	3.07	2	14:00	3.07	2	14:00
J-508	JUNCTION	2.31	6.62	3.06	2	14:06	3.06	2	14:06
J-51	JUNCTION	4.40	6.98	3.02	2	16:21	2.98	2	16:22
J-512	JUNCTION	2.37	6.59	3.03	2	14:23	3.03	2	14:23
J-518	JUNCTION	2.42	6.57	3.01	2	14:22	3.01	2	14:22
J-53	JUNCTION	2.89	8.03	3.27	2	16:38	3.27	2	16:38
J-534	JUNCTION	5.08	7.31	3.75	2	22:32	3.75	2	22:33
J-537	JUNCTION	5.46	8.43	4.87	2	21:39	4.87	2	21:40
J-539	JUNCTION	5.48	8.47	4.91	2	18:20	4.91	2	18:21
J-539-WEIR	JUNCTION	5.17	8.48	4.92	2	18:19	4.92	2	18:20
J-539A	JUNCTION	5.47	13.56	10.00	0	06:19	5.47	2	09:49
J-54	JUNCTION	2.89	8.03	3.27	2	16:39	3.27	2	16:37
J-541	JUNCTION	5.27	8.48	4.92	2	18:20	4.92	2	18:20
J-544	JUNCTION	3.79	6.25	2.69	2	16:54	2.69	2	16:54
J-548	JUNCTION	3.98	6.73	3.17	2	16:20	3.15	2	16:21
J-54A	JUNCTION	0.52	3.27	3.27	2	16:55	3.27	2	16:40
J-54B	JUNCTION	0.52	3.38	3.38	2	16:35	3.38	2	16:51
J-550	JUNCTION	3.84	6.69	3.13	2	18:56	3.12	2	13:21
J-553	JUNCTION	4.21	7.13	3.28	0	07:40	3.26	1	11:07
J-554	JUNCTION	4.32	7.91	3.88	1	20:23	3.88	0	20:10
J-555	JUNCTION	4.76	8.29	3.89	1	16:22	3.89	1	14:01
J-557	JUNCTION	6.65	8.06	0.11	0	08:22	-0.41	2	20:37
J-558	JUNCTION	5.67	9.78	2.79	3	05:07	-0.69	2	08:37
J-559	JUNCTION	3.68	6.40	2.84	0	10:20	2.84	0	10:21
J-560	JUNCTION	3.70	6.32	2.76	2	06:57	2.75	2	06:58
J-561	JUNCTION	3.75	8.02	4.02	0	00:00	1.16	1	09:36
J-563	JUNCTION	2.43	6.36	2.80	2	16:15	2.80	2	16:24
J-563A	JUNCTION	2.43	6.89	3.33	3	01:07	3.20	2	12:09
J-565	JUNCTION	3.91	7.86	2.80	2	16:21	2.80	2	16:21
J-566	JUNCTION	3.83	8.14	3.08	3	02:33	3.08	3	02:33
J-566-WEIR	JUNCTION	0.38	3.94	3.94	3	00:58	3.78	3	03:26
J-567	JUNCTION	1.02	8.01	4.01	2	14:06	4.01	2	14:07
J-568	JUNCTION	1.87	11.65	3.02	2	17:50	3.02	2	17:05
J-569	JUNCTION	1.47	9.29	3.04	3	00:04	3.03	2	21:03
J-570	JUNCTION	2.38	6.30	2.74	2	16:31	2.74	2	16:31
J-571	JUNCTION	4.26	6.56	3.00	2	14:07	3.00	2	15:52
J-571A	JUNCTION	4.26	6.95	3.39	2	14:26	3.34	2	15:48
J-571B	JUNCTION	4.26	6.86	3.30	2	14:07	3.23	2	13:57
J-572A	JUNCTION	3.19	4.33	0.77	2	08:46	0.74	2	08:52
J-572B	JUNCTION	3.19	4.33	0.77	2	08:46	0.74	2	08:52
J-575	JUNCTION	3.74	8.01	4.01	0	00:00	0.61	2	08:55
J-576	JUNCTION	3.71	7.10	3.04	1	21:27	3.04	1	20:28
J-577	JUNCTION	3.22	6.56	3.00	2	09:07	2.82	2	08:58
J-578	JUNCTION	3.47	7.10	3.04	1	08:46	3.04	1	21:51
J-58	JUNCTION	2.88	8.02	3.26	2	16:35	3.26	2	16:35
J-581	JUNCTION	4.54	8.10	3.04	2	19:56	3.04	2	18:41
J-585	JUNCTION	3.78	7.39	3.33	2	12:58	3.33	2	12:59
J-585B	JUNCTION	3.78	7.39	3.33	2	12:58	3.33	2	12:59
J-588	JUNCTION	4.37	7.88	3.32	2	12:54	3.32	2	12:55
J-58A	JUNCTION	2.88	8.02	3.26	2	16:35	3.26	2	16:35
J-59	JUNCTION	2.88	8.01	3.25	2	16:23	3.25	2	16:24
J-591	JUNCTION	5.65	8.90	2.84	2	10:54	2.84	2	10:52
J-591A	JUNCTION	5.65	8.81	2.75	2	09:49	2.69	2	12:28
J-591B	JUNCTION	5.65	8.81	2.75	2	09:49	2.69	2	12:28

J-596	JUNCTION	4.54	8.16	3.29	2	12:26	3.29	2	12:26
J-596A	JUNCTION	5.69	8.85	3.29	2	12:29	3.29	2	12:30
J-598	JUNCTION	3.04	6.76	3.20	2	13:03	3.20	2	13:03
J-598A	JUNCTION	3.04	6.76	3.20	2	13:03	3.20	2	13:03
J-598B	JUNCTION	3.04	6.76	3.20	2	13:03	3.20	2	13:03
J-59A	JUNCTION	2.88	8.07	3.31	2	15:31	3.31	2	15:29
J-59B	JUNCTION	2.88	8.03	3.27	2	16:01	3.27	2	16:24
J-5A	JUNCTION	3.88	7.86	2.80	2	16:22	2.80	2	16:23
J-6	JUNCTION	3.64	7.76	3.01	3	03:27	3.01	3	01:49
J-60	JUNCTION	2.88	8.01	3.25	2	16:24	3.25	2	16:25
J-601	JUNCTION	3.07	6.26	2.70	2	12:37	2.70	2	12:37
J-602	JUNCTION	3.02	6.17	2.61	2	12:28	2.61	2	12:31
J-603	JUNCTION	3.34	6.56	3.00	1	20:55	3.00	2	08:18
J-604	JUNCTION	3.32	5.57	2.01	1	08:39	2.00	1	09:11
J-606	JUNCTION	3.48	6.38	2.32	2	12:17	2.32	2	12:18
J-607	JUNCTION	3.46	6.51	2.45	2	12:32	2.45	2	12:32
J-609	JUNCTION	3.00	6.21	2.65	2	12:23	2.65	2	12:23
J-61	JUNCTION	2.88	8.01	3.25	2	16:32	3.25	2	16:33
J-611	JUNCTION	3.07	6.98	3.42	2	12:15	3.42	2	12:16
J-611A	JUNCTION	3.62	6.98	3.42	2	12:15	3.42	2	12:16
J-611B	JUNCTION	3.07	6.98	3.42	2	12:15	3.42	2	12:16
J-613	JUNCTION	3.08	6.59	3.03	2	12:42	3.03	2	12:42
J-615	JUNCTION	3.06	6.50	2.94	2	12:42	2.94	2	12:42
J-618	JUNCTION	2.66	6.78	3.22	2	16:44	3.22	2	16:44
J-61A	JUNCTION	0.51	3.26	3.26	2	16:31	3.26	2	16:32
J-623	JUNCTION	2.62	6.79	3.23	2	16:45	3.23	2	16:46
J-624	JUNCTION	2.59	6.79	3.23	2	16:50	3.23	2	16:52
J-624A	JUNCTION	2.59	6.85	3.29	2	16:54	3.28	2	16:34
J-626	JUNCTION	2.60	6.79	3.23	2	16:47	3.23	2	16:48
J-629	JUNCTION	2.69	6.80	3.24	2	16:48	3.24	2	16:48
J-63	JUNCTION	2.69	7.31	3.75	2	14:02	3.75	2	14:02
J-632	JUNCTION	2.69	6.82	3.26	2	16:35	3.26	2	16:35
J-633	JUNCTION	3.09	7.29	3.23	2	16:45	3.23	2	16:46
J-637	JUNCTION	2.63	6.79	3.23	2	16:45	3.23	2	16:46
J-64	JUNCTION	2.67	7.30	3.74	2	14:02	3.74	2	14:03
J-640	JUNCTION	2.64	6.81	3.25	2	16:36	3.25	2	16:37
J-647	JUNCTION	2.57	6.81	3.25	2	16:28	3.25	2	16:29
J-647A	JUNCTION	2.57	7.29	3.73	3	00:16	3.25	2	16:31
J-647B	JUNCTION	0.51	3.26	3.26	2	16:31	3.25	2	16:36
J-650	JUNCTION	2.61	6.69	3.13	2	15:47	3.13	2	15:48
J-653	JUNCTION	2.62	6.76	3.20	2	14:44	3.20	2	14:44
J-653A	JUNCTION	0.53	3.21	3.21	2	15:19	3.20	2	14:31
J-654	JUNCTION	2.62	6.73	3.17	2	14:51	3.17	2	14:56
J-654A	JUNCTION	2.62	6.90	3.34	3	03:39	3.19	2	15:13
J-657	JUNCTION	2.62	6.71	3.15	2	15:29	3.15	2	15:30
J-659	JUNCTION	2.61	6.70	3.14	2	15:47	3.14	2	15:48
J-663	JUNCTION	3.65	7.65	3.09	2	15:50	3.09	2	15:50
J-665	JUNCTION	3.63	7.58	3.02	2	16:00	3.02	2	16:00
J-666	JUNCTION	3.56	7.44	2.88	2	16:10	2.88	2	16:10
J-67	JUNCTION	2.64	7.18	3.62	2	14:58	3.62	2	14:58
J-670	JUNCTION	3.56	7.43	2.87	2	16:09	2.87	2	16:10
J-672	JUNCTION	4.49	7.56	3.00	3	05:30	2.11	3	05:21
J-673	JUNCTION	4.54	7.34	2.78	2	16:32	2.78	2	16:33
J-673A	JUNCTION	4.54	7.34	2.78	2	16:32	2.78	2	16:33
J-678	JUNCTION	3.59	7.43	2.87	2	15:55	2.87	2	15:55
J-67A	JUNCTION	2.63	7.18	3.62	2	15:01	3.62	2	15:01
J-682	JUNCTION	0.86	6.35	3.79	2	13:23	3.79	2	13:23
J-684	JUNCTION	0.84	6.27	3.71	2	13:30	3.71	2	13:30
J-686	JUNCTION	0.81	6.21	3.65	2	15:47	3.65	2	16:44
J-687	JUNCTION	0.77	6.01	3.45	2	19:21	3.45	2	17:22
J-691	JUNCTION	0.71	5.87	3.31	2	12:16	3.31	2	12:16
J-692	JUNCTION	0.65	5.86	3.30	2	13:29	3.29	2	12:17
J-692-WEIR	JUNCTION	2.30	3.35	0.79	2	19:22	0.78	2	19:22
J-693	JUNCTION	2.30	5.19	2.63	0	00:00	0.61	2	21:00
J-697	JUNCTION	3.38	7.56	4.00	1	20:17	4.00	1	18:36
J-7	JUNCTION	3.48	7.37	2.81	2	15:35	2.81	2	15:35
J-700	JUNCTION	3.37	6.85	3.29	0	19:36	3.29	0	11:04
J-701	JUNCTION	3.20	6.80	3.24	2	10:04	3.24	1	22:35
J-702	JUNCTION	3.21	6.81	3.25	0	08:25	3.19	1	22:51
J-705	JUNCTION	3.27	7.05	3.49	1	23:41	3.49	1	07:08
J-707	JUNCTION	3.27	6.75	3.19	1	08:48	3.19	2	07:57
J-710	JUNCTION	3.29	6.85	3.29	1	08:10	3.29	1	08:10
J-712	JUNCTION	2.51	7.00	3.44	2	12:46	3.44	2	12:46
J-714	JUNCTION	2.67	6.96	3.40	2	12:41	3.40	2	12:42
J-719	JUNCTION	2.69	6.86	3.30	2	14:30	3.30	2	14:31
J-72	JUNCTION	2.66	7.30	3.74	2	14:00	3.74	2	14:01
J-721	JUNCTION	2.55	6.87	3.31	2	13:58	3.31	2	13:58
J-725	JUNCTION	2.50	6.99	3.43	2	14:08	3.43	2	14:09
J-728	JUNCTION	2.68	7.01	3.45	2	14:07	3.45	2	14:08
J-73	JUNCTION	2.74	7.30	3.74	2	14:04	3.74	2	14:05

J-734	JUNCTION	2.69	7.40	3.84	2	12:55	3.84	2	12:55
J-734A	JUNCTION	2.68	7.65	4.09	2	13:08	4.06	2	12:58
J-734B	JUNCTION	2.68	7.40	3.84	2	12:55	3.84	2	12:55
J-735	JUNCTION	2.59	8.03	4.47	3	02:31	4.47	3	02:32
J-736	JUNCTION	5.22	13.59	10.03	3	01:41	10.03	3	01:42
J-74	JUNCTION	2.71	7.32	3.76	2	13:58	3.76	2	13:58
J-740	JUNCTION	2.93	8.02	3.26	2	16:28	3.26	2	16:28
J-741	JUNCTION	2.87	8.05	3.29	2	16:29	3.29	2	16:29
J-744	JUNCTION	2.86	8.05	3.29	2	16:29	3.29	2	16:30
J-745	JUNCTION	2.84	8.05	3.29	2	16:29	3.29	2	16:30
J-745A	JUNCTION	1.88	6.94	3.38	2	14:46	3.37	2	14:40
J-748	JUNCTION	4.82	7.71	2.95	2	16:50	2.95	2	16:50
J-748-WEIR-STANTEC	JUNCTION	4.69	7.71	2.95	2	16:50	2.95	2	16:50
J-748A	JUNCTION	3.60	6.65	3.09	2	14:10	3.08	2	14:09
J-749	JUNCTION	4.83	7.71	2.95	2	16:50	2.95	2	16:50
J-750	JUNCTION	4.88	7.70	2.94	2	17:14	2.94	2	17:14
J-750A	JUNCTION	3.67	6.72	3.16	3	01:50	2.94	2	17:14
J-751	JUNCTION	5.02	7.85	2.94	2	17:31	2.94	2	17:32
J-752	JUNCTION	5.48	8.19	2.83	2	17:17	2.83	2	17:17
J-753	JUNCTION	5.57	8.36	2.89	2	17:17	2.89	2	17:18
J-754	JUNCTION	5.69	8.51	2.94	2	17:16	2.94	2	17:16
J-754-WEIR-STANTEC	JUNCTION	5.30	8.19	2.83	2	17:17	2.83	2	17:17
J-754A	JUNCTION	3.68	6.66	3.10	2	19:42	3.05	2	19:42
J-755	JUNCTION	3.31	6.85	3.29	2	12:29	3.29	2	12:30
J-757	JUNCTION	5.20	8.85	3.29	2	12:29	3.29	2	12:30
J-760	JUNCTION	2.58	6.75	3.19	2	16:59	3.19	2	16:59
J-761	JUNCTION	3.83	7.96	3.40	2	15:19	3.40	2	15:19
J-763	JUNCTION	5.50	8.06	3.00	2	20:23	3.00	2	20:23
J-764	JUNCTION	4.00	7.84	2.78	2	16:30	2.78	2	16:31
J-766	JUNCTION	2.33	7.38	3.82	2	12:57	3.82	2	12:57
J-766A	JUNCTION	2.33	7.58	4.02	2	13:09	3.98	2	13:19
J-768	JUNCTION	2.33	7.28	3.72	2	12:44	3.72	2	12:45
J-769	JUNCTION	2.41	7.12	3.56	2	12:44	3.56	2	12:44
J-77	JUNCTION	2.71	7.34	3.78	2	14:08	3.78	2	14:11
J-771	JUNCTION	2.37	6.89	3.33	2	12:31	3.33	2	12:31
J-772	JUNCTION	2.49	6.90	3.34	2	18:03	3.34	2	18:04
J-774	JUNCTION	2.50	6.86	3.30	2	12:03	3.30	2	12:26
J-776	JUNCTION	2.51	6.86	3.30	2	12:19	3.30	2	12:19
J-778	JUNCTION	2.33	6.85	3.29	2	12:41	3.29	2	12:42
J-77A	JUNCTION	2.71	13.56	10.00	2	22:57	7.26	2	17:50
J-77B	JUNCTION	2.71	7.34	3.78	2	14:11	3.78	2	14:17
J-780	JUNCTION	2.36	6.86	3.30	2	12:07	3.30	2	12:08
J-782	JUNCTION	2.38	6.86	3.30	2	12:36	3.29	2	12:27
J-784	JUNCTION	2.40	6.92	3.36	2	12:20	3.36	2	12:23
J-786	JUNCTION	2.33	6.86	3.30	2	12:18	3.30	2	12:18
J-788	JUNCTION	2.27	6.87	3.31	2	11:58	3.30	2	11:58
J-790	JUNCTION	2.25	6.88	3.32	2	11:57	3.31	2	11:57
J-792	JUNCTION	2.42	6.88	3.32	2	13:55	3.32	2	13:55
J-793	JUNCTION	2.51	6.89	3.33	2	13:57	3.33	2	13:58
J-795	JUNCTION	2.23	6.85	3.29	2	11:55	3.29	2	11:56
J-799	JUNCTION	1.34	7.04	3.44	2	14:15	3.44	2	15:58
J-799-WEIR-EAC	JUNCTION	3.43	7.06	3.46	0	08:50	3.45	2	04:59
J-80	JUNCTION	2.83	7.33	3.77	2	14:13	3.77	2	14:13
J-800	JUNCTION	1.34	6.26	2.66	2	13:21	2.66	2	13:21
J-802	JUNCTION	1.35	6.26	2.66	2	14:14	2.66	2	13:58
J-806	JUNCTION	1.31	6.23	2.63	2	14:01	2.63	2	14:01
J-809	JUNCTION	1.29	6.24	2.64	2	12:31	2.62	2	13:59
J-810	JUNCTION	1.30	6.23	2.63	2	13:06	2.63	2	14:00
J-813	JUNCTION	1.31	6.29	2.69	2	14:01	2.69	2	14:01
J-816	JUNCTION	1.32	6.34	2.74	2	13:57	2.74	2	13:57
J-819	JUNCTION	1.32	6.35	2.75	2	13:59	2.75	2	13:59
J-82	JUNCTION	3.38	8.07	4.01	2	14:52	4.01	2	14:53
J-822	JUNCTION	1.33	6.39	2.79	2	14:00	2.79	2	14:00
J-826	JUNCTION	1.39	6.38	2.78	2	14:17	2.78	2	14:17
J-829	JUNCTION	1.37	6.36	2.76	2	14:14	2.76	2	14:14
J-83	JUNCTION	3.30	8.07	4.01	2	14:53	4.01	2	15:06
J-831	JUNCTION	1.37	6.35	2.75	2	14:12	2.75	2	14:12
J-836	JUNCTION	1.37	6.32	2.72	2	14:06	2.72	2	14:07
J-838	JUNCTION	1.11	6.00	2.40	2	12:44	2.40	2	12:45
J-83A	JUNCTION	3.30	14.06	10.00	2	22:57	6.06	2	14:00
J-84	JUNCTION	3.38	8.07	4.01	2	14:52	4.01	2	14:52
J-841	JUNCTION	1.10	5.82	2.22	2	13:06	2.22	2	13:06
J-844	JUNCTION	1.10	5.75	2.15	2	13:12	2.15	2	13:13
J-848	JUNCTION	1.08	6.05	2.45	2	13:15	2.45	2	14:43
J-850	JUNCTION	1.08	6.61	3.01	2	14:21	3.00	2	12:56
J-851	JUNCTION	1.07	6.30	2.70	2	14:33	2.70	2	13:35
J-856	JUNCTION	5.56	6.63	-2.37	2	12:17	-2.37	2	12:14
J-860	JUNCTION	0.39	1.30	-2.30	2	12:16	-2.30	2	12:13
J-863	JUNCTION	0.41	1.58	-2.02	2	12:16	-2.02	2	12:16
J-865	JUNCTION	0.42	4.48	0.88	2	12:14	-1.33	2	12:14

J-868	JUNCTION	0.42	5.73	2.13	2	12:14	-1.35	2	12:15
J-87	JUNCTION	3.39	7.59	3.53	2	15:59	3.53	2	16:00
J-870	JUNCTION	0.43	6.19	2.59	2	12:14	-0.18	2	12:14
J-879	JUNCTION	8.26	12.00	3.50	2	07:40	3.50	1	09:44
J-88	JUNCTION	3.41	7.55	3.49	2	16:00	3.49	2	16:01
J-880	JUNCTION	3.73	6.06	2.00	2	12:19	2.00	2	12:20
J-881	JUNCTION	3.33	8.23	4.67	3	02:20	4.67	3	02:21
J-882	JUNCTION	3.36	5.59	2.03	2	12:23	2.03	2	12:23
J-883	JUNCTION	3.36	5.67	2.11	2	20:50	2.10	2	20:50
J-884	JUNCTION	3.34	5.82	2.26	2	21:26	2.23	2	21:27
J-888	JUNCTION	2.59	6.75	3.19	2	16:57	3.19	2	16:58
J-889	JUNCTION	2.59	6.75	3.19	2	16:56	3.19	2	16:56
J-891	JUNCTION	2.58	6.72	3.16	2	16:54	3.16	2	16:55
J-892	JUNCTION	2.58	6.70	3.14	2	16:54	3.14	2	16:55
J-894	JUNCTION	2.57	6.67	3.11	2	16:53	3.11	2	16:53
J-896	JUNCTION	2.56	6.58	3.02	2	17:15	3.02	2	17:16
J-899	JUNCTION	2.58	6.78	3.22	2	16:47	3.22	2	16:48
J-899A	JUNCTION	2.58	6.84	3.28	2	16:58	3.26	2	16:17
J-902	JUNCTION	4.58	7.71	3.25	2	20:35	3.11	2	20:30
J-903	JUNCTION	4.54	7.31	2.94	2	17:09	2.94	2	17:09
J-903A	JUNCTION	3.68	6.71	3.15	2	19:49	3.05	2	17:57
J-910	JUNCTION	3.32	7.56	4.00	0	00:00	1.35	2	12:15
J-912	JUNCTION	3.33	7.56	4.00	0	00:00	2.36	2	12:15
J-917	JUNCTION	3.27	9.50	6.00	1	18:08	5.83	0	17:45
J-918	JUNCTION	3.28	6.54	3.04	2	10:36	3.04	0	12:51
J-920	JUNCTION	3.74	8.00	4.00	0	00:00	0.80	2	08:47
J-934	JUNCTION	2.53	6.53	2.97	2	17:14	2.97	2	17:15
J-934A	JUNCTION	2.53	6.71	3.15	2	19:42	3.09	2	19:42
J-951	JUNCTION	2.85	8.19	4.63	2	18:53	4.62	2	21:50
J-953	JUNCTION	2.97	7.63	4.07	1	20:09	4.07	2	21:53
J-954	JUNCTION	3.90	7.04	3.48	2	18:56	3.47	2	21:59
J-958	JUNCTION	2.89	6.31	4.95	2	18:17	4.95	2	18:18
J-96	JUNCTION	3.33	7.53	3.47	2	16:01	3.47	2	16:02
J-963	JUNCTION	3.48	7.44	2.88	2	15:52	2.88	2	15:53
J-99	JUNCTION	2.96	7.04	3.48	2	15:57	3.48	2	15:58
JCT-24	JUNCTION	4.57	6.05	2.49	3	04:19	2.45	3	03:49
JCT-26	JUNCTION	5.52	8.39	2.45	2	12:31	2.45	2	12:31
JCT-26-WEIR	JUNCTION	5.98	8.39	2.45	2	12:31	2.45	2	12:31
JCT-28	JUNCTION	3.67	4.84	0.78	2	09:09	0.72	2	08:55
JCT-28-WEIR	JUNCTION	3.82	4.88	0.82	2	08:46	0.72	0	08:32
JCT-30	JUNCTION	3.55	7.35	2.79	2	16:31	2.79	2	16:31
JCT-32	JUNCTION	3.25	4.31	0.75	2	20:58	0.70	1	21:15
JCT-32-WEIR	JUNCTION	3.30	4.33	0.77	2	08:42	0.71	1	21:15
JCT-36	JUNCTION	9.25	10.11	1.11	2	12:15	1.11	2	12:15
JCT-46	JUNCTION	4.45	7.72	4.16	2	12:25	4.16	2	12:04
JCT-64	JUNCTION	3.33	7.30	3.30	2	15:38	3.30	2	15:38
J-171	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-263	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-279	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-33A	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-386	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-442	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-561A	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-567A	OUTFALL	0.00	0.00	-4.00	0	00:00	-4.00	0	00:00
J-582	OUTFALL	5.23	6.10	0.60	1	21:00	0.60	1	21:00
J-605	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-671	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-694	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-703	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-909	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-911	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-913	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-919	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-920A	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
J-963A	OUTFALL	2.30	3.16	0.60	1	21:00	0.60	1	21:00
J575A	OUTFALL	3.74	4.60	0.60	1	21:00	0.60	1	21:00
OFALL-10	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-12	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-14	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-16	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-18	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-20	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-22	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-24	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-26	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-28	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-30	OUTFALL	0.00	0.00	-2.00	0	00:00	-2.00	0	00:00
OFALL-32	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-34	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-36	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00

OFALL-38	OUTFALL	0.00	0.00	-2.56	0	00:00	-2.56	0	00:00
OFALL-40	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-42	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-44	OUTFALL	0.00	0.00	-2.50	0	00:00	-2.50	0	00:00
OFALL-46	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-48	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-50	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-52	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-54	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-66	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
WELL-2E	OUTFALL	3.39	6.50	4.00	2	12:00	4.00	2	12:01
WELL-3	OUTFALL	1.73	2.49	0.99	2	12:15	0.99	2	12:15
WELL-4	OUTFALL	1.75	2.60	1.10	2	12:15	1.10	2	12:15
WELL-W-ENID-DR	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-856-STORAGE-NEW	STORAGE	6.16	8.08	-7.92	2	12:45	-7.95	2	12:45

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error gal or %
J-102	JUNCTION	0.00	8.59	3 03:55	0	3	-1.131 %
J-104	JUNCTION	3.72	12.69	2 12:15	0.347	2.45	27.963 %
J-106	JUNCTION	0.00	5.70	2 10:29	0	0.499	12.620 %
J-109	JUNCTION	0.00	9.35	3 03:36	0	3.24	0.119 %
J-11	JUNCTION	0.00	18.61	3 05:37	0	4.11	6.965 %
J-110	JUNCTION	4.41	8.05	2 12:00	0.379	1.37	0.672 %
J-113	JUNCTION	0.00	11.45	3 02:46	0	3.57	9.813 %
J-114	JUNCTION	0.00	17.53	3 01:45	0	4.27	1.094 %
J-118	JUNCTION	0.00	20.92	2 22:29	0	5.54	-0.277 %
J-12	JUNCTION	0.00	18.99	3 05:10	0	3.45	1.221 %
J-121	JUNCTION	4.36	5.38	2 11:36	0.356	0.491	5.967 %
J-126	JUNCTION	10.03	10.03	2 12:15	1.03	1.16	0.119 %
J-126A	JUNCTION	0.00	5.34	2 16:23	0	0.251	0.000 %
J-127	JUNCTION	0.00	2.33	2 11:49	0	0.944	0.090 %
J-128	JUNCTION	0.00	2.36	2 11:50	0	0.958	0.227 %
J-129	JUNCTION	7.89	9.70	3 03:46	0.678	3.17	-6.014 %
J-130	JUNCTION	0.00	9.81	2 23:31	0	5.61	0.244 %
J-131	JUNCTION	0.00	7.98	2 13:33	0	5.39	0.344 %
J-132	JUNCTION	5.98	6.68	2 12:06	0.528	3.1	3.238 %
J-137	JUNCTION	0.00	3.50	3 04:18	0	2.56	6.963 %
J-139	JUNCTION	0.00	4.85	3 02:46	0	3.17	3.081 %
J-140	JUNCTION	0.00	4.87	3 04:30	0	2.8	4.051 %
J-147	JUNCTION	7.11	7.87	2 12:15	0.635	2.8	-0.195 %
J-148	JUNCTION	0.00	8.57	3 03:43	0	2.62	2.429 %
J-149	JUNCTION	0.00	4.47	0 19:52	0	0.345	5.145 %
J-15	JUNCTION	1.24	23.99	3 03:23	0.0907	2.02	4.042 %
J-152	JUNCTION	6.10	6.10	2 12:15	0.543	2.31	0.090 %
J-153	JUNCTION	0.00	5.14	3 04:06	0	1.87	3.951 %
J-155	JUNCTION	0.00	4.19	3 04:01	0	1.8	6.456 %
J-156	JUNCTION	0.00	4.81	3 04:24	0	1.72	9.912 %
J-158	JUNCTION	9.99	25.74	3 04:42	1.12	3.73	0.400 %
J-158A	JUNCTION	0.00	19.81	2 10:32	0	1.55	0.094 %
J-15A	JUNCTION	0.00	9.52	3 04:13	0	0.19	3.840 %
J-160	JUNCTION	0.00	11.39	3 04:54	0	2.13	2.208 %
J-161	JUNCTION	2.79	6.80	2 14:44	0.248	5.54	-0.340 %
J-162	JUNCTION	0.00	9.62	0 11:28	0	5.55	-0.135 %
J-163	JUNCTION	1.80	9.70	3 03:25	0.152	5.83	3.655 %
J-164	JUNCTION	0.00	7.15	2 15:13	0	5.82	2.690 %
J-165	JUNCTION	1.57	7.10	2 12:38	0.13	5.99	1.753 %
J-166	JUNCTION	3.00	8.77	2 12:23	0.271	6.16	0.088 %
J-167	JUNCTION	0.00	13.53	2 12:13	0	7.06	2.032 %
J-168	JUNCTION	0.00	5.01	1 15:18	0	1.35	10.618 %
J-169	JUNCTION	2.00	4.46	2 12:11	0.157	1.24	10.803 %
J-170	JUNCTION	1.82	3.29	1 22:03	0.139	0.617	17.272 %
J-174	JUNCTION	0.00	5.07	2 11:31	0	0.71	29.740 %
J-175	JUNCTION	0.00	2.05	2 08:53	0	0.259	52.111 %
J-176	JUNCTION	0.00	5.66	2 11:34	0	1.5	5.560 %
J-179	JUNCTION	0.00	8.55	3 05:10	0	1.96	-1.180 %
J-18	JUNCTION	3.86	32.56	3 03:34	0.325	2.2	1.612 %
J-180	JUNCTION	3.39	17.68	2 11:41	0.28	1.02	0.472 %
J-180A	JUNCTION	0.00	15.46	2 10:27	0	0.685	-5.489 %
J-185	JUNCTION	6.03	21.17	3 03:41	0.544	1.65	0.533 %
J-185A	JUNCTION	0.00	19.18	3 03:41	0	0.898	-2.795 %

J-188	JUNCTION	6.25	21.04	2	10:36	0.541	1.01	0.501 %
J-188A	JUNCTION	0.00	18.91	2	10:22	0	0.55	10.898 %
J-191	JUNCTION	4.52	22.72	2	10:19	0.37	1.8	0.144 %
J-191A	JUNCTION	0.00	19.43	2	10:19	0	1.54	0.000 %
J-195	JUNCTION	0.00	27.14	2	10:33	0	1.69	0.405 %
J-195A	JUNCTION	0.00	24.30	2	10:33	0	1.32	-3.763 %
J-198	JUNCTION	7.68	8.73	2	12:15	0.748	1.51	6.184 %
J-199	JUNCTION	0.00	4.97	0	19:34	0	1.36	5.723 %
J-19A	JUNCTION	0.00	25.94	3	04:07	0	0.523	-0.057 %
J-203	JUNCTION	2.92	6.26	2	10:19	0.263	1.6	-1.189 %
J-204	JUNCTION	0.00	5.85	2	09:18	0	1.37	1.309 %
J-206	JUNCTION	0.00	4.52	2	07:08	0	1.66	6.625 %
J-208	JUNCTION	2.46	5.70	2	06:12	0.215	2.41	-0.016 %
J-209	JUNCTION	4.26	4.26	2	12:15	0.407	1.08	13.015 %
J-212	JUNCTION	0.00	3.53	2	09:17	0	0.897	13.913 %
J-213	JUNCTION	3.21	15.83	2	07:27	0.292	1.53	0.210 %
J-213A	JUNCTION	0.00	12.71	2	10:35	0	1.14	2.201 %
J-217	JUNCTION	5.00	6.45	2	12:15	0.418	0.875	-9.159 %
J-218	JUNCTION	0.00	9.21	2	11:15	0	1.5	9.074 %
J-222	JUNCTION	0.00	21.75	2	09:05	0	1.98	-0.967 %
J-223	JUNCTION	4.56	37.55	2	09:06	0.4	3.23	-0.024 %
J-223A	JUNCTION	0.00	24.65	2	09:06	0	1.47	0.914 %
J-225	JUNCTION	0.00	5.10	3	04:06	0	1.07	6.923 %
J-226	JUNCTION	3.03	5.29	3	05:49	0.226	1.21	4.054 %
J-232	JUNCTION	0.00	3.82	3	05:43	0	1.18	8.901 %
J-233	JUNCTION	3.75	6.87	3	02:41	0.301	1.51	7.418 %
J-235	JUNCTION	0.00	12.18	3	02:31	0	3.78	1.293 %
J-238	JUNCTION	3.54	14.76	3	02:16	0.285	3.48	7.891 %
J-24	JUNCTION	0.00	5.74	3	04:30	0	0.626	11.265 %
J-242	JUNCTION	2.45	9.28	1	17:25	0.215	0.64	18.214 %
J-244	JUNCTION	2.51	4.49	1	10:06	0.221	0.502	1.828 %
J-247	JUNCTION	4.55	5.78	2	00:24	0.371	1.17	3.881 %
J-248	JUNCTION	0.00	18.74	1	16:33	0	1.6	5.282 %
J-249	JUNCTION	6.12	18.44	1	22:26	0.519	4.75	1.743 %
J-25	JUNCTION	4.95	32.60	3	03:54	0.486	1.98	0.833 %
J-253	JUNCTION	4.44	4.44	2	12:15	0.351	0.623	-7.905 %
J-254	JUNCTION	0.00	4.40	1	22:03	0	1.01	3.658 %
J-256	JUNCTION	6.14	6.39	2	12:15	0.515	1.41	-16.675 %
J-259	JUNCTION	0.00	2.92	1	14:56	0	1.36	-0.013 %
J-25A	JUNCTION	0.00	25.43	3	03:41	0	0.515	0.952 %
J-260	JUNCTION	0.00	2.94	2	03:56	0	1.19	0.146 %
J-261	JUNCTION	0.00	5.35	2	13:57	0	2.58	-0.063 %
J-261-WEIR	JUNCTION	0.00	5.35	2	13:57	0	1.91	-0.860 %
J-262	JUNCTION	0.00	5.35	2	13:57	0	1.97	-0.323 %
J-266	JUNCTION	4.01	11.13	1	18:53	0.323	2.16	-1.959 %
J-267	JUNCTION	3.78	7.37	2	11:17	0.354	2.09	-1.966 %
J-268	JUNCTION	0.00	28.03	1	14:08	0	5.18	-2.128 %
J-268-WEIR	JUNCTION	0.00	12.34	2	03:54	0	0.664	-4.017 %
J-269	JUNCTION	0.00	12.38	1	18:18	0	4.01	1.455 %
J-27	JUNCTION	3.94	25.87	3	04:04	0.371	1.17	0.503 %
J-271	JUNCTION	0.00	11.11	0	00:00	0	0.00332	82.397 %
J-275	JUNCTION	0.00	35.37	1	06:37	0	4.13	2.490 %
J-278	JUNCTION	0.00	4.37	3	00:20	0	1.87	0.149 %
J-27A	JUNCTION	0.00	19.30	3	05:33	0	0.537	1.000 %
J-280	JUNCTION	0.00	4.10	3	00:20	0	2.17	3.697 %
J-281	JUNCTION	0.00	5.29	1	09:10	0	2.17	3.387 %
J-282	JUNCTION	4.27	5.90	2	12:15	0.385	2.28	-1.511 %
J-283	JUNCTION	0.00	6.38	2	03:34	0	2.19	1.469 %
J-284	JUNCTION	0.00	15.99	0	21:28	0	3.91	0.046 %
J-284-WEIR	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J-285	JUNCTION	0.00	31.18	0	22:54	0	6.33	-0.114 %
J-286	JUNCTION	0.00	26.70	2	01:18	0	4.53	-2.350 %
J-288	JUNCTION	2.48	26.30	2	11:40	0.217	2.1	-0.044 %
J-288A	JUNCTION	0.00	24.16	2	11:40	0	1.13	-0.018 %
J-290	JUNCTION	7.83	12.95	2	21:19	0.732	1.78	4.227 %
J-290A	JUNCTION	0.00	11.46	2	21:21	0	0.381	0.000 %
J-293	JUNCTION	0.00	8.37	2	04:07	0	2.03	3.998 %
J-295	JUNCTION	0.00	7.95	2	10:10	0	1.98	-0.785 %
J-296	JUNCTION	1.53	6.98	1	22:26	0.126	2.07	2.756 %
J-297	JUNCTION	0.00	20.48	1	14:08	0	2.24	2.915 %
J-30	JUNCTION	0.00	3.78	3	04:40	0	0.633	11.618 %
J-300	JUNCTION	1.54	21.03	1	04:54	0.127	4.83	-3.842 %
J-301	JUNCTION	0.00	15.88	1	16:20	0	4.23	0.315 %
J-304	JUNCTION	0.00	9.76	1	23:40	0	2.99	-0.557 %
J-305	JUNCTION	4.14	13.63	3	05:19	0.347	3.03	0.860 %
J-31	JUNCTION	4.18	27.39	3	04:09	0.379	1.51	0.828 %
J-310	JUNCTION	4.01	10.05	2	08:31	0.33	2.9	0.792 %
J-312	JUNCTION	0.00	8.23	2	08:31	0	3.78	0.936 %
J-314	JUNCTION	3.83	28.11	2	23:34	0.336	0.967	0.270 %
J-314A	JUNCTION	0.00	26.03	2	23:34	0	0.398	0.726 %

J-317	JUNCTION	3.25	5.23	2	12:15	0.296	2.02	3.027 %
J-31A	JUNCTION	0.00	21.48	3	04:09	0	0.742	-1.718 %
J-321	JUNCTION	3.21	20.74	3	00:59	0.269	1.13	0.500 %
J-321A	JUNCTION	0.00	18.54	3	01:06	0	0.671	0.064 %
J-323	JUNCTION	0.00	2.99	3	01:20	0	0.881	5.795 %
J-324	JUNCTION	4.84	18.37	3	01:23	0.424	1.3	0.462 %
J-324A	JUNCTION	0.00	13.87	2	11:27	0	0.782	0.007 %
J-327	JUNCTION	0.00	6.11	3	05:41	0	0.543	12.577 %
J-328	JUNCTION	3.19	9.34	3	03:59	0.299	0.692	4.902 %
J-328A	JUNCTION	0.00	8.63	2	11:56	0	0.32	1.549 %
J-33	JUNCTION	0.00	8.76	3	05:38	0	2	2.114 %
J-333	JUNCTION	0.00	2.97	2	10:28	0	1.11	16.858 %
J-334	JUNCTION	0.00	3.35	3	04:53	0	1.21	9.391 %
J-335	JUNCTION	0.00	3.38	2	11:12	0	1.18	14.101 %
J-341	JUNCTION	8.69	22.76	2	10:44	0.801	2.03	0.292 %
J-341A	JUNCTION	0.00	18.98	2	11:11	0	1.66	0.000 %
J-342	JUNCTION	8.68	12.30	2	12:15	0.766	1.66	-0.323 %
J-343	JUNCTION	0.00	4.92	2	11:00	0	1.18	2.920 %
J-348	JUNCTION	0.00	3.87	3	05:00	0	1.23	14.067 %
J-351	JUNCTION	4.62	12.99	2	10:36	0.422	1.87	0.317 %
J-351A	JUNCTION	0.00	11.14	2	10:35	0	1.57	0.027 %
J-354	JUNCTION	4.45	10.99	2	11:13	0.42	1.98	3.886 %
J-354A	JUNCTION	0.00	29.03	3	01:22	0	2.24	3.353 %
J-354B	JUNCTION	0.00	20.79	3	04:06	0	2.09	4.118 %
J-355	JUNCTION	5.60	24.76	3	04:45	0.44	1.47	0.000 %
J-355A	JUNCTION	0.00	22.06	3	05:33	0	0.991	-0.956 %
J-359	JUNCTION	0.00	5.47	2	11:45	0	1.02	1.015 %
J-36	JUNCTION	0.00	5.35	3	04:29	0	1.33	6.328 %
J-362	JUNCTION	0.00	4.56	3	04:46	0	0.861	0.104 %
J-363	JUNCTION	3.69	4.86	1	15:33	0.384	1.22	0.305 %
J-364	JUNCTION	0.00	6.13	2	01:40	0	1.16	1.742 %
J-367	JUNCTION	0.00	6.63	2	11:01	0	1.54	15.423 %
J-368	JUNCTION	6.41	8.41	3	04:06	0.657	1.71	-1.110 %
J-369	JUNCTION	0.00	5.33	2	11:31	0	1.27	6.199 %
J-374	JUNCTION	0.00	4.83	1	16:01	0	1.61	2.467 %
J-375	JUNCTION	0.00	7.51	3	02:15	0	1.55	-4.385 %
J-380	JUNCTION	4.09	33.15	3	02:15	0.391	3.57	-1.122 %
J-380A	JUNCTION	0.00	22.63	3	03:42	0	0.97	0.077 %
J-381	JUNCTION	0.00	6.56	3	03:43	0	3.6	-4.489 %
J-384	JUNCTION	6.32	13.23	1	19:54	0.611	5.33	-1.800 %
J-385	JUNCTION	0.00	16.24	1	22:45	0	4.24	0.829 %
J-388	JUNCTION	3.58	14.56	1	19:54	0.311	4.58	8.223 %
J-389	JUNCTION	0.00	9.34	1	02:48	0	1.53	3.319 %
J-393	JUNCTION	0.00	5.49	3	04:26	0	1.24	20.870 %
J-396	JUNCTION	5.08	5.08	2	12:15	0.498	1.39	13.012 %
J-399	JUNCTION	0.00	5.08	3	05:04	0	1.24	15.695 %
J-40	JUNCTION	3.86	62.58	3	04:30	0.362	1.84	-0.289 %
J-402	JUNCTION	6.36	16.01	2	11:40	0.626	1.12	0.234 %
J-402A	JUNCTION	0.00	18.10	3	04:12	0	0.487	0.389 %
J-405	JUNCTION	0.00	4.09	3	03:28	0	0.818	11.631 %
J-407	JUNCTION	0.00	4.43	2	11:09	0	0.88	11.722 %
J-409	JUNCTION	0.00	6.58	3	03:46	0	1.05	3.291 %
J-40A	JUNCTION	0.00	17.78	3	05:48	0	0.377	1.248 %
J-40B	JUNCTION	0.00	17.76	3	05:48	0	0.598	0.786 %
J-40C	JUNCTION	0.00	18.27	3	05:48	0	0.676	-3.607 %
J-410	JUNCTION	4.09	11.20	3	01:30	0.368	1.54	9.084 %
J-412	JUNCTION	0.00	9.81	3	03:20	0	3.11	1.645 %
J-414	JUNCTION	0.00	7.59	2	11:56	0	1.69	3.165 %
J-415	JUNCTION	4.88	32.83	2	11:52	0.44	1.84	1.097 %
J-415A	JUNCTION	0.00	26.14	2	11:52	0	0.8	-0.213 %
J-415B	JUNCTION	0.00	7.72	3	03:03	0	0.163	-0.071 %
J-416	JUNCTION	0.00	10.73	3	03:59	0	1.65	1.262 %
J-417	JUNCTION	0.00	16.68	3	01:30	0	5.82	-1.782 %
J-42	JUNCTION	3.08	24.90	2	09:51	0.257	1.73	-0.744 %
J-421	JUNCTION	6.18	9.36	1	18:27	0.646	2.54	0.918 %
J-422	JUNCTION	3.04	8.98	3	03:42	0.283	1.15	0.284 %
J-422A	JUNCTION	0.00	5.12	3	01:54	0	0.929	0.152 %
J-423	JUNCTION	10.07	40.31	3	01:45	0.943	8.1	-1.462 %
J-423A	JUNCTION	0.00	22.95	3	03:20	0	2.95	0.263 %
J-424	JUNCTION	0.00	4.82	3	02:39	0	1.52	7.223 %
J-427	JUNCTION	0.00	3.74	3	03:26	0	1.54	7.940 %
J-42A	JUNCTION	0.00	22.30	2	09:03	0	0.485	0.451 %
J-430	JUNCTION	6.47	22.15	3	03:54	0.596	2.1	-0.445 %
J-430A	JUNCTION	0.00	22.12	3	02:38	0	1.15	-1.973 %
J-431	JUNCTION	5.22	35.24	0	09:27	0.5	3.29	2.080 %
J-431A	JUNCTION	0.00	30.37	0	10:42	0	1.85	0.909 %
J-432	JUNCTION	0.00	21.49	0	09:27	0	1.42	4.085 %
J-432B	JUNCTION	0.00	9.12	0	09:27	0	0.401	0.807 %
J-433	JUNCTION	0.00	7.20	3	04:15	0	1.29	11.687 %
J-434	JUNCTION	0.00	8.95	1	10:26	0	1.52	8.177 %

J-435	JUNCTION	0.00	7.51	1	01:27	0	1.18	1.515 %
J-436	JUNCTION	0.00	7.84	3	04:51	0	1.42	-2.971 %
J-437	JUNCTION	5.24	10.56	2	12:08	0.519	2.11	-6.931 %
J-438	JUNCTION	4.47	4.79	2	12:21	0.391	0.909	-17.391 %
J-439	JUNCTION	0.00	6.87	2	04:48	0	2.53	7.562 %
J-440	JUNCTION	4.97	16.73	3	00:28	0.493	10.2	0.166 %
J-441	JUNCTION	0.00	5.01	1	04:37	0	1.66	-0.350 %
J-444	JUNCTION	0.00	49.31	2	20:57	0	5.36	8.942 %
J-444-WEIR	JUNCTION	0.00	48.77	2	20:35	0	2.18	-16.827 %
J-445	JUNCTION	1.53	21.92	3	02:19	0.114	5.9	0.203 %
J-448	JUNCTION	0.00	15.51	3	03:57	0	6.05	2.472 %
J-450	JUNCTION	0.00	20.78	3	03:20	0	6.27	3.062 %
J-454	JUNCTION	0.00	11.47	3	03:57	0	6.2	1.903 %
J-455	JUNCTION	0.00	17.87	0	13:06	0	6.33	0.018 %
J-459	JUNCTION	7.49	39.60	2	07:48	0.773	10.7	0.896 %
J-459A	JUNCTION	0.00	32.49	1	20:05	0	3.88	0.000 %
J-460-NEW	JUNCTION	0.00	33.11	0	06:12	0	9.26	0.073 %
J-463	JUNCTION	0.00	30.70	1	05:00	0	9.75	0.113 %
J-466	JUNCTION	0.00	126.16	2	06:02	0	22.5	-0.246 %
J-468	JUNCTION	0.00	19.47	0	12:49	0	5.06	0.214 %
J-47	JUNCTION	1.31	12.48	2	16:50	0.227	4.49	9.078 %
J-470	JUNCTION	0.96	59.56	3	04:10	0.207	14.7	-3.206 %
J-471	JUNCTION	0.00	71.45	0	06:25	0	17.7	-10.867 %
J-478	JUNCTION	0.00	74.03	0	10:11	0	15.9	-6.588 %
J-479	JUNCTION	0.85	66.82	2	05:29	0.173	16	-1.892 %
J-480	JUNCTION	1.15	46.92	1	12:46	0.193	12.2	-6.261 %
J-481	JUNCTION	3.58	34.45	1	22:39	0.29	10.6	-4.444 %
J-482	JUNCTION	2.45	29.08	2	01:30	0.246	9.96	-5.596 %
J-484	JUNCTION	0.00	19.29	0	15:56	0	2.99	1.844 %
J-485	JUNCTION	0.00	23.14	2	01:28	0	2.99	8.562 %
J-486	JUNCTION	0.00	30.54	3	04:54	0	10.7	3.025 %
J-487	JUNCTION	2.86	21.79	1	09:14	0.269	8.64	1.563 %
J-489	JUNCTION	3.83	21.26	1	19:27	0.35	8.03	-3.133 %
J-491	JUNCTION	0.00	16.82	2	05:13	0	7.65	2.085 %
J-492	JUNCTION	0.00	10.97	2	18:37	0	7.6	3.910 %
J-493	JUNCTION	0.95	25.17	2	13:22	0.181	11.1	6.024 %
J-495	JUNCTION	0.00	20.06	0	10:58	0	7.28	6.397 %
J-497	JUNCTION	1.88	9.08	0	09:32	0.209	2.52	6.423 %
J-498	JUNCTION	4.56	19.09	2	11:50	0.513	1.21	-2.313 %
J-498A	JUNCTION	0.00	16.93	2	21:43	0	0.563	0.598 %
J-499	JUNCTION	0.00	8.04	2	10:30	0	0.89	1.040 %
J-5	JUNCTION	9.24	34.40	3	05:55	0.807	4.59	0.271 %
J-50	JUNCTION	0.00	10.08	0	08:12	0	3.59	13.622 %
J-500	JUNCTION	0.00	8.68	3	00:06	0	0.878	4.367 %
J-505	JUNCTION	0.00	8.31	2	12:01	0	0.842	9.061 %
J-508	JUNCTION	6.80	12.21	2	12:03	0.78	1.42	3.770 %
J-51	JUNCTION	0.00	31.61	2	13:23	0	5.84	16.239 %
J-512	JUNCTION	1.61	11.22	2	12:04	0.18	1.39	3.865 %
J-518	JUNCTION	1.69	9.13	2	12:02	0.187	1.52	2.115 %
J-53	JUNCTION	0.00	2.31	2	10:41	0	0.0457	-2.982 %
J-534	JUNCTION	3.91	6.94	2	12:15	0.437	3.43	-0.619 %
J-537	JUNCTION	0.00	11.17	0	06:11	0	3.12	-0.108 %
J-539	JUNCTION	1.62	108.81	0	06:19	0.186	6.55	0.043 %
J-539-WEIR	JUNCTION	0.00	168.69	0	06:22	0	6.09	-8.593 %
J-539A	JUNCTION	0.00	142.57	0	06:18	0	7.89	0.000 %
J-54	JUNCTION	4.94	16.03	2	11:14	0.488	1.18	4.495 %
J-541	JUNCTION	4.07	6.69	2	12:01	0.355	1.04	-2.963 %
J-544	JUNCTION	1.35	9.00	3	00:29	0.245	3.57	15.311 %
J-548	JUNCTION	0.00	34.41	2	16:22	0	6.31	-6.327 %
J-54A	JUNCTION	0.00	8.59	3	05:46	0	0.406	10.762 %
J-54B	JUNCTION	0.00	7.37	2	11:15	0	0.411	2.817 %
J-550	JUNCTION	0.84	23.82	3	05:46	0.151	5.76	-12.175 %
J-553	JUNCTION	0.00	19.95	0	00:02	0	5.94	13.922 %
J-554	JUNCTION	0.00	34.66	0	22:06	0	27.7	0.778 %
J-555	JUNCTION	3.82	40.50	2	07:20	0.438	28.1	-0.507 %
J-557	JUNCTION	3.01	14.19	2	21:08	0.272	23	-0.320 %
J-558	JUNCTION	0.00	19.17	2	09:46	0	23	-0.298 %
J-559	JUNCTION	1.97	32.15	2	21:58	0.167	24	0.469 %
J-560	JUNCTION	0.00	29.11	2	16:23	0	23.9	0.506 %
J-561	JUNCTION	0.00	82.21	0	00:00	0	23.9	0.046 %
J-563	JUNCTION	4.79	36.43	3	01:31	0.41	1.92	0.922 %
J-563A	JUNCTION	0.00	31.48	3	02:53	0	1.04	0.000 %
J-565	JUNCTION	0.00	14.63	3	03:25	0	3.54	15.736 %
J-566	JUNCTION	0.00	160.48	3	01:59	0	3.77	19.812 %
J-566-WEIR	JUNCTION	0.00	128.54	3	03:26	0	0.738	-50.053 %
J-567	JUNCTION	0.00	9.99	2	14:29	0	1.37	1.083 %
J-568	JUNCTION	0.00	12.20	3	04:03	0	1.41	2.082 %
J-569	JUNCTION	0.00	10.49	3	02:02	0	1.45	1.509 %
J-570	JUNCTION	0.00	20.05	3	02:02	0	1.65	-5.900 %
J-571	JUNCTION	10.90	49.14	2	18:32	1.11	1.85	-0.552 %

J-571A	JUNCTION	0.00	22.84	2	18:32	0	0.481	0.748 %
J-571B	JUNCTION	0.00	20.85	2	18:17	0	0.564	0.502 %
J-572A	JUNCTION	0.00	2.90	2	09:09	0	0.191	1.033 %
J-572B	JUNCTION	0.00	2.25	2	09:09	0	0.0645	0.000 %
J-575	JUNCTION	0.00	61.46	0	00:00	0	1.82	0.214 %
J-576	JUNCTION	0.00	4.92	2	09:29	0	1.38	2.405 %
J-577	JUNCTION	0.00	6.08	3	00:26	0	2.43	-0.218 %
J-578	JUNCTION	0.00	5.19	1	19:00	0	1.98	7.620 %
J-58	JUNCTION	2.98	26.95	2	10:46	0.275	0.789	0.834 %
J-581	JUNCTION	0.00	3.96	2	11:05	0	1.91	0.000 %
J-585	JUNCTION	8.22	26.79	2	09:16	0.737	2.04	-0.805 %
J-585B	JUNCTION	0.00	21.79	2	09:16	0	1.13	0.347 %
J-588	JUNCTION	0.00	4.81	2	10:21	0	1.2	24.722 %
J-58A	JUNCTION	0.00	25.06	2	10:46	0	0.0845	4.447 %
J-59	JUNCTION	4.61	51.07	2	10:42	0.405	1.13	-0.143 %
J-591	JUNCTION	6.27	37.12	2	08:46	0.529	2.49	0.132 %
J-591A	JUNCTION	0.00	16.80	2	09:49	0	0.344	1.173 %
J-591B	JUNCTION	0.00	16.80	2	09:49	0	0.293	1.381 %
J-596	JUNCTION	0.00	2.47	2	10:12	0	0.0207	35.856 %
J-596A	JUNCTION	0.00	11.74	2	09:42	0	0.292	-7.976 %
J-598	JUNCTION	8.57	18.25	2	15:21	0.714	2.38	0.166 %
J-598A	JUNCTION	0.00	5.62	0	18:20	0	0.706	-0.135 %
J-598B	JUNCTION	0.00	5.62	0	18:20	0	0.778	-0.124 %
J-59A	JUNCTION	0.00	20.13	2	11:08	0	0.537	3.719 %
J-59B	JUNCTION	0.00	20.13	2	11:08	0	0.367	1.678 %
J-5A	JUNCTION	0.00	23.07	2	10:49	0	1.72	-0.434 %
J-6	JUNCTION	0.00	13.71	2	09:47	0	2.32	5.585 %
J-60	JUNCTION	0.00	5.78	2	11:18	0	0.67	1.016 %
J-601	JUNCTION	0.00	5.67	2	15:15	0	1.35	18.102 %
J-602	JUNCTION	0.00	6.24	1	09:34	0	1.43	12.714 %
J-603	JUNCTION	0.00	8.61	2	12:51	0	3.33	-1.380 %
J-604	JUNCTION	0.00	7.07	2	12:45	0	2.59	0.300 %
J-606	JUNCTION	4.03	12.00	2	12:07	0.363	2.51	2.932 %
J-607	JUNCTION	0.00	7.74	2	23:29	0	2.15	6.997 %
J-609	JUNCTION	0.00	8.29	2	13:40	0	2.46	10.424 %
J-61	JUNCTION	3.04	14.88	2	11:26	0.248	1.48	3.999 %
J-611	JUNCTION	8.90	10.16	1	11:58	0.984	2.63	-0.182 %
J-611A	JUNCTION	0.00	4.60	2	11:53	0	0.186	-5.334 %
J-611B	JUNCTION	0.00	9.07	1	11:59	0	1.36	-0.503 %
J-613	JUNCTION	0.00	4.76	1	18:40	0	1.28	10.268 %
J-615	JUNCTION	0.00	4.34	2	11:39	0	1.21	10.748 %
J-618	JUNCTION	2.87	3.02	2	09:20	0.256	0.847	25.375 %
J-61A	JUNCTION	0.00	6.65	2	12:15	0	0.683	9.685 %
J-623	JUNCTION	0.00	13.35	3	04:02	0	0.914	14.256 %
J-624	JUNCTION	5.07	30.55	3	04:44	0.499	2.28	-0.085 %
J-624A	JUNCTION	0.00	24.94	3	04:44	0	1.18	3.002 %
J-626	JUNCTION	0.00	7.53	2	09:56	0	1.86	3.586 %
J-629	JUNCTION	5.24	5.76	2	12:15	0.455	1.19	9.072 %
J-63	JUNCTION	6.82	9.01	3	03:59	0.66	1.46	0.702 %
J-632	JUNCTION	2.43	3.48	2	09:32	0.212	0.765	24.465 %
J-633	JUNCTION	4.39	13.73	3	05:00	0.389	2.02	3.304 %
J-637	JUNCTION	1.32	8.49	2	09:47	0.107	1.15	6.584 %
J-64	JUNCTION	0.00	6.35	3	05:03	0	0.801	4.831 %
J-640	JUNCTION	3.33	5.21	2	12:15	0.306	1.01	19.291 %
J-647	JUNCTION	2.63	38.07	3	04:12	0.251	2.33	1.915 %
J-647A	JUNCTION	0.00	22.17	3	04:58	0	0.926	0.391 %
J-647B	JUNCTION	0.00	10.00	2	12:15	0	0.639	-6.322 %
J-650	JUNCTION	0.00	14.24	3	03:09	0	3.67	1.522 %
J-653	JUNCTION	5.05	11.20	3	03:14	0.496	0.826	5.954 %
J-653A	JUNCTION	0.00	9.38	3	03:15	0	0.197	0.000 %
J-654	JUNCTION	5.84	34.32	3	03:39	0.497	1.22	0.712 %
J-654A	JUNCTION	0.00	31.03	3	03:39	0	0.617	0.000 %
J-657	JUNCTION	2.87	8.35	2	08:30	0.223	1.74	4.869 %
J-659	JUNCTION	1.69	10.57	1	19:59	0.122	2.29	1.663 %
J-663	JUNCTION	10.74	13.65	2	12:15	1.04	3.62	3.233 %
J-665	JUNCTION	4.09	10.08	2	01:59	0.35	3.8	1.508 %
J-666	JUNCTION	0.00	14.96	3	01:56	0	5.85	4.922 %
J-67	JUNCTION	3.74	6.73	3	04:41	0.296	2.21	0.000 %
J-670	JUNCTION	0.00	12.86	0	21:48	0	2.69	9.035 %
J-672	JUNCTION	4.77	7.23	3	05:30	0.464	5.51	0.049 %
J-673	JUNCTION	5.92	77.68	3	05:00	0.601	5.41	-8.096 %
J-673A	JUNCTION	0.00	14.82	3	04:04	0	0.281	2.752 %
J-678	JUNCTION	6.82	10.01	3	05:23	0.635	3.11	9.322 %
J-67A	JUNCTION	0.00	4.22	3	04:55	0	0.823	17.560 %
J-682	JUNCTION	3.31	4.97	2	12:15	0.303	0.323	0.187 %
J-684	JUNCTION	2.46	3.18	2	11:51	0.216	0.538	-1.057 %
J-686	JUNCTION	0.00	3.07	2	13:28	0	0.524	0.477 %
J-687	JUNCTION	2.93	5.01	2	19:21	0.271	0.794	0.674 %
J-691	JUNCTION	0.00	6.26	2	19:10	0	0.802	-1.095 %
J-692	JUNCTION	0.00	7.12	2	19:04	0	0.808	0.156 %

J-692-WEIR	JUNCTION	0.00	4.94	0	00:00	0	0.16	0.286 %
J-693	JUNCTION	0.00	8.11	0	00:00	0	0.179	0.313 %
J-697	JUNCTION	0.00	4.52	1	22:08	0	1.1	22.201 %
J-7	JUNCTION	0.00	10.46	3	04:25	0	2.1	12.586 %
J-700	JUNCTION	4.55	4.55	2	12:15	0.439	1.38	-4.672 %
J-701	JUNCTION	0.00	11.37	0	00:00	0	2.74	3.694 %
J-702	JUNCTION	0.00	11.93	0	00:00	0	7.3	-0.564 %
J-705	JUNCTION	0.00	6.31	2	12:13	0	1.7	6.418 %
J-707	JUNCTION	0.00	6.14	2	12:13	0	1.51	5.168 %
J-710	JUNCTION	5.37	5.37	2	12:15	0.534	0.877	-12.996 %
J-712	JUNCTION	3.78	4.10	2	13:52	0.423	0.566	-19.676 %
J-714	JUNCTION	4.39	7.36	2	15:00	0.494	1.43	-2.164 %
J-719	JUNCTION	2.74	6.39	2	12:12	0.304	1.85	-3.518 %
J-72	JUNCTION	0.00	12.01	3	03:54	0	3.29	1.003 %
J-721	JUNCTION	0.00	7.60	3	02:27	0	2.39	0.853 %
J-725	JUNCTION	0.00	16.24	2	13:51	0	1.7	-9.300 %
J-728	JUNCTION	3.50	13.18	3	02:27	0.391	2.45	-6.250 %
J-73	JUNCTION	0.00	5.33	3	03:52	0	1.61	10.181 %
J-734	JUNCTION	2.35	50.63	3	02:27	0.261	8.88	-3.410 %
J-734A	JUNCTION	0.00	23.02	3	02:27	0	2.74	-0.724 %
J-734B	JUNCTION	0.00	23.02	3	02:27	0	2.56	-1.266 %
J-735	JUNCTION	0.00	43.02	3	02:26	0	4.33	-5.654 %
J-736	JUNCTION	0.00	13.59	1	14:36	0	2.87	-7.034 %
J-74	JUNCTION	4.31	6.80	3	04:46	0.377	1.61	6.253 %
J-740	JUNCTION	0.00	2.91	2	10:11	0	0.563	17.017 %
J-741	JUNCTION	0.00	6.41	2	09:31	0	0.615	14.049 %
J-744	JUNCTION	0.00	6.91	2	07:52	0	0.792	10.400 %
J-745	JUNCTION	0.00	19.08	2	11:30	0	1.74	0.622 %
J-745A	JUNCTION	0.00	13.63	2	10:27	0	1.36	0.031 %
J-748	JUNCTION	0.00	62.78	0	05:28	0	6.33	20.078 %
J-748-WEIR-STANTEC	JUNCTION	0.00	59.08	1	11:51	0	3.3	-41.884 %
J-748A	JUNCTION	0.00	18.63	2	10:36	0	2.55	-0.794 %
J-749	JUNCTION	0.00	10.95	0	06:01	0	2.46	5.649 %
J-750	JUNCTION	2.18	30.56	3	03:24	0.194	7.4	2.426 %
J-750A	JUNCTION	0.00	22.23	0	12:26	0	2.33	0.235 %
J-751	JUNCTION	0.00	13.66	0	12:26	0	3.44	2.948 %
J-752	JUNCTION	0.00	79.52	0	13:01	0	7.4	10.310 %
J-753	JUNCTION	0.00	8.20	0	14:10	0	2.58	-1.108 %
J-754	JUNCTION	2.92	27.27	0	12:39	0.271	3.32	-2.969 %
J-754-WEIR-STANTEC	JUNCTION	0.00	97.60	2	08:39	0	5.04	-42.769 %
J-754A	JUNCTION	0.00	26.93	0	09:34	0	2.44	0.178 %
J-755	JUNCTION	0.00	9.31	2	16:56	0	1.46	18.011 %
J-757	JUNCTION	4.81	15.37	2	09:33	0.416	2.02	-0.337 %
J-760	JUNCTION	0.00	15.50	2	10:56	0	0.975	2.290 %
J-761	JUNCTION	0.00	9.04	2	12:16	0	2.32	0.305 %
J-763	JUNCTION	5.86	20.76	2	13:32	0.584	9.01	2.009 %
J-764	JUNCTION	0.00	14.07	3	05:55	0	2.49	12.313 %
J-766	JUNCTION	2.27	16.61	3	03:06	0.253	0.979	-4.357 %
J-766A	JUNCTION	0.00	18.49	3	02:28	0	0.459	-2.286 %
J-768	JUNCTION	0.00	5.59	2	14:15	0	1.07	-4.395 %
J-769	JUNCTION	0.00	5.49	2	13:48	0	1.18	0.143 %
J-77	JUNCTION	3.25	33.45	2	11:15	0.333	4.07	0.174 %
J-771	JUNCTION	0.00	8.01	2	04:08	0	1.27	-1.549 %
J-772	JUNCTION	0.00	7.88	2	07:02	0	1.47	-5.452 %
J-774	JUNCTION	0.00	6.12	2	18:21	0	1.06	-0.910 %
J-776	JUNCTION	2.11	6.37	2	10:30	0.234	1.17	-1.799 %
J-778	JUNCTION	0.00	4.53	2	18:04	0	0.978	-4.859 %
J-77A	JUNCTION	0.00	27.25	2	15:18	0	2.92	-2.301 %
J-77B	JUNCTION	0.00	30.24	2	11:15	0	0.786	0.000 %
J-780	JUNCTION	0.00	5.04	2	18:21	0	1.2	-6.030 %
J-782	JUNCTION	0.00	3.38	2	11:58	0	0.724	-1.099 %
J-784	JUNCTION	3.66	3.66	2	12:15	0.408	0.882	-5.404 %
J-786	JUNCTION	0.00	4.04	2	11:54	0	0.67	-2.108 %
J-788	JUNCTION	0.00	4.25	2	11:59	0	0.654	-7.548 %
J-790	JUNCTION	0.00	3.98	2	14:45	0	0.675	-5.772 %
J-792	JUNCTION	0.00	5.21	2	12:50	0	0.778	-18.692 %
J-793	JUNCTION	1.22	5.00	2	12:50	0.136	0.299	-7.154 %
J-795	JUNCTION	0.00	3.69	2	15:01	0	0.662	-4.323 %
J-799	JUNCTION	0.00	8.09	2	10:32	0	1.49	0.785 %
J-799-WEIR-EAC	JUNCTION	0.00	21.34	3	05:38	0	2.04	0.000 %
J-80	JUNCTION	6.44	7.49	2	12:15	0.547	1.53	10.484 %
J-800	JUNCTION	0.00	12.25	2	11:31	0	2.52	0.263 %
J-802	JUNCTION	0.00	8.01	2	17:57	0	1.42	1.986 %
J-806	JUNCTION	0.00	6.05	2	18:10	0	1.8	0.731 %
J-809	JUNCTION	0.87	20.70	2	12:30	0.0762	2.81	-0.099 %
J-810	JUNCTION	0.00	9.75	2	12:31	0	1.02	1.566 %
J-813	JUNCTION	0.00	7.42	2	17:35	0	1.01	1.898 %
J-816	JUNCTION	4.98	5.89	2	12:15	0.488	1.03	0.812 %
J-819	JUNCTION	0.00	4.78	2	17:34	0	0.517	2.679 %
J-82	JUNCTION	0.00	9.94	3	04:57	0	1.02	32.609 %

J-822	JUNCTION	4.39	4.39	2	12:15	0.425	0.445	-0.810 %
J-826	JUNCTION	4.07	5.12	2	12:12	0.391	0.444	-1.605 %
J-829	JUNCTION	0.00	7.41	2	17:55	0	0.593	2.032 %
J-83	JUNCTION	3.83	37.24	3	04:51	0.363	3.93	0.000 %
J-831	JUNCTION	3.47	7.13	2	18:09	0.32	0.973	0.618 %
J-836	JUNCTION	3.58	7.47	2	17:46	0.332	1.28	0.896 %
J-838	JUNCTION	4.30	4.30	2	12:15	0.414	0.425	-2.366 %
J-83A	JUNCTION	0.00	41.23	3	00:22	0	3.16	3.878 %
J-84	JUNCTION	0.00	10.13	3	04:44	0	2.52	3.583 %
J-841	JUNCTION	0.00	5.86	2	10:54	0	0.47	2.633 %
J-844	JUNCTION	5.61	8.42	2	12:14	0.563	1.02	-0.784 %
J-848	JUNCTION	0.00	9.24	2	14:50	0	1.02	1.538 %
J-850	JUNCTION	0.00	13.38	2	10:44	0	1.05	4.334 %
J-851	JUNCTION	1.04	21.48	2	13:24	0.0866	3.79	0.636 %
J-856	JUNCTION	0.00	15.05	2	12:14	0	4.36	0.016 %
J-860	JUNCTION	0.81	7.03	2	12:13	0.0628	0.656	0.094 %
J-863	JUNCTION	0.00	6.63	2	12:14	0	0.593	0.144 %
J-865	JUNCTION	2.89	6.77	2	12:14	0.259	0.593	0.172 %
J-868	JUNCTION	0.00	3.89	2	12:15	0	0.333	0.248 %
J-87	JUNCTION	0.00	5.17	3	04:38	0	1.46	15.781 %
J-870	JUNCTION	3.54	3.54	2	12:15	0.332	0.332	0.121 %
J-879	JUNCTION	6.19	11.26	2	12:15	0.691	6.13	0.385 %
J-88	JUNCTION	0.00	6.43	2	10:52	0	1.64	10.876 %
J-880	JUNCTION	2.83	18.67	3	04:21	0.317	6.14	-9.117 %
J-881	JUNCTION	0.00	16.62	0	18:27	0	6.35	3.072 %
J-882	JUNCTION	4.39	12.83	3	03:50	0.487	5.28	-0.602 %
J-883	JUNCTION	0.00	13.56	3	01:20	0	4.96	3.069 %
J-884	JUNCTION	0.00	58.87	3	02:07	0	3.78	-22.376 %
J-888	JUNCTION	0.00	5.94	2	10:14	0	0.927	2.941 %
J-889	JUNCTION	0.00	4.37	2	09:06	0	0.84	5.147 %
J-891	JUNCTION	2.47	7.33	2	10:50	0.221	1.56	4.195 %
J-892	JUNCTION	0.00	6.20	2	11:40	0	1.35	3.023 %
J-894	JUNCTION	1.66	4.66	2	11:18	0.153	1.41	4.870 %
J-896	JUNCTION	0.00	4.81	2	09:00	0	1.4	5.059 %
J-899	JUNCTION	5.10	23.86	2	11:26	0.504	1.06	0.636 %
J-899A	JUNCTION	0.00	20.26	2	11:29	0	0.551	-4.245 %
J-902	JUNCTION	0.00	18.10	3	01:22	0	2.6	-2.958 %
J-903	JUNCTION	2.29	35.70	3	01:33	0.218	9.14	8.039 %
J-903A	JUNCTION	0.00	13.65	3	04:53	0	1.5	-2.606 %
J-910	JUNCTION	4.41	4.41	2	12:15	0.423	0.423	0.121 %
J-912	JUNCTION	7.94	7.94	2	12:15	0.856	0.857	0.103 %
J-917	JUNCTION	0.00	14.02	1	18:08	0	0.781	-3.646 %
J-918	JUNCTION	7.42	16.25	3	05:44	0.604	2.18	-1.883 %
J-920	JUNCTION	0.00	60.37	0	00:00	0	22.7	0.026 %
J-934	JUNCTION	2.14	22.48	2	10:44	0.203	1.85	0.164 %
J-934A	JUNCTION	0.00	20.81	2	10:44	0	1.68	2.200 %
J-951	JUNCTION	2.78	11.35	2	18:23	0.313	1.73	-27.590 %
J-953	JUNCTION	0.00	12.46	2	13:08	0	4.76	-13.286 %
J-954	JUNCTION	0.00	20.81	0	06:37	0	6.86	-0.800 %
J-958	JUNCTION	0.88	58.28	0	06:19	0.168	10.8	-0.006 %
J-96	JUNCTION	0.00	6.91	2	11:41	0	1.7	4.620 %
J-963	JUNCTION	0.00	14.33	3	04:52	0	3.4	0.257 %
J-99	JUNCTION	6.67	6.67	2	12:15	0.606	1.56	12.936 %
JCT-24	JUNCTION	0.00	53.20	3	04:18	0	3.52	3.753 %
JCT-26	JUNCTION	0.00	98.73	2	08:45	0	2.43	-19.047 %
JCT-26-WEIR	JUNCTION	0.00	90.41	2	08:48	0	1.42	-45.814 %
JCT-28	JUNCTION	7.19	13.78	0	09:28	0.645	2.03	-0.068 %
JCT-28-WEIR	JUNCTION	0.00	23.00	2	09:09	0	1.76	0.533 %
JCT-30	JUNCTION	0.00	58.00	2	11:51	0	5.05	0.100 %
JCT-32	JUNCTION	3.80	12.06	0	09:39	0.355	0.875	-0.405 %
JCT-32-WEIR	JUNCTION	0.00	11.22	2	09:11	0	0.384	1.692 %
JCT-36	JUNCTION	0.00	18.41	0	00:01	0	6.07	0.125 %
JCT-46	JUNCTION	0.00	55.58	0	00:00	0	4.43	1.473 %
JCT-64	JUNCTION	0.00	13.53	1	17:51	0	2.39	0.000 %
J-171	OUTFALL	0.00	12.23	2	12:13	0	6.52	0.000 %
J-263	OUTFALL	0.00	5.35	2	13:58	0	1.97	0.000 %
J-279	OUTFALL	0.00	3.74	2	13:39	0	1.56	0.000 %
J-33A	OUTFALL	0.00	2.82	1	21:05	0	1.74	0.000 %
J-386	OUTFALL	0.00	1.70	0	06:19	0	0.918	0.000 %
J-442	OUTFALL	0.00	12.64	3	00:28	0	9.78	0.000 %
J-561A	OUTFALL	0.00	65.98	0	00:00	0	18.1	0.000 %
J-567A	OUTFALL	0.00	2.82	2	11:46	0	1.35	0.000 %
J-582	OUTFALL	0.00	5.00	3	01:02	0	2.46	0.000 %
J-605	OUTFALL	0.00	6.83	2	12:41	0	2.59	0.000 %
J-671	OUTFALL	0.00	6.92	2	15:00	0	5.43	0.000 %
J-694	OUTFALL	0.00	9.20	0	00:00	0	0.436	0.000 %
J-703	OUTFALL	0.00	11.93	0	00:00	0	5.81	0.000 %
J-909	OUTFALL	0.00	4.41	2	12:15	0	0.424	0.000 %
J-911	OUTFALL	0.00	7.94	2	12:15	0	0.857	0.000 %
J-913	OUTFALL	0.00	11.11	0	00:00	0	0.00515	0.000 %

J-919	OUTFALL	0.00	11.87	0	00:00	0	2.21	0.000 %
J-920A	OUTFALL	0.00	60.37	0	00:00	0	17	0.000 %
J-963A	OUTFALL	0.00	8.11	0	00:00	0	0.179	0.000 %
J575A	OUTFALL	0.00	61.46	0	00:00	0	1.82	0.000 %
OFALL-10	OUTFALL	0.00	4.62	2	08:18	0	2.98	0.000 %
OFALL-12	OUTFALL	0.00	2.84	2	04:48	0	1.49	0.000 %
OFALL-14	OUTFALL	0.00	1.41	0	06:23	0	1.07	0.000 %
OFALL-16	OUTFALL	0.00	3.85	2	04:36	0	3.27	0.000 %
OFALL-18	OUTFALL	0.00	2.06	0	09:55	0	1.16	0.000 %
OFALL-20	OUTFALL	0.00	1.44	0	06:23	0	0.93	0.000 %
OFALL-22	OUTFALL	0.00	1.95	1	17:25	0	0.69	0.000 %
OFALL-24	OUTFALL	0.00	0.00	0	00:00	0	0	0.000 gal
OFALL-26	OUTFALL	0.00	2.27	0	17:12	0	1.83	0.000 %
OFALL-28	OUTFALL	0.00	3.79	1	17:45	0	2.05	0.000 %
OFALL-30	OUTFALL	0.00	1.90	2	06:42	0	1.53	0.000 %
OFALL-32	OUTFALL	0.00	2.27	0	10:30	0	1.43	0.000 %
OFALL-34	OUTFALL	0.00	0.63	0	20:11	0	0.362	0.000 %
OFALL-36	OUTFALL	0.00	1.21	0	09:31	0	0.76	0.000 %
OFALL-38	OUTFALL	0.00	1.28	2	11:48	0	0.652	0.000 %
OFALL-40	OUTFALL	0.00	1.28	0	06:18	0	1.67	0.000 %
OFALL-42	OUTFALL	0.00	1.28	0	07:11	0	1.55	0.000 %
OFALL-44	OUTFALL	0.00	3.30	0	00:00	0	6.62	0.000 %
OFALL-46	OUTFALL	0.00	1.90	2	01:09	0	0.595	0.000 %
OFALL-48	OUTFALL	0.00	2.84	2	00:14	0	0.79	0.000 %
OFALL-50	OUTFALL	0.00	1.28	0	20:18	0	0.637	0.000 %
OFALL-52	OUTFALL	0.00	1.28	0	19:27	0	1.76	0.000 %
OFALL-54	OUTFALL	0.00	2.84	2	05:41	0	1.22	0.000 %
OFALL-66	OUTFALL	0.00	3.79	0	05:28	0	4.57	0.000 %
WELL-2E	OUTFALL	0.00	55.58	0	00:00	0	4.45	0.000 %
WELL-3	OUTFALL	0.00	4.88	0	00:01	0	1.56	0.000 %
WELL-4	OUTFALL	0.00	13.54	0	00:01	0	4.51	0.000 %
WELL-W-ENID-DR	OUTFALL	0.00	3.79	0	05:30	0	5.47	0.000 %
J-856-STORAGE-NEW	STORAGE	0.00	14.42	2	12:17	0	4.36	0.000 %

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
J-102	JUNCTION	50.56	5.021	0.000
J-104	JUNCTION	64.78	5.973	0.000
J-106	JUNCTION	58.64	5.959	0.000
J-109	JUNCTION	15.72	1.221	0.000
J-11	JUNCTION	69.95	5.595	0.000
J-110	JUNCTION	59.64	5.384	0.000
J-113	JUNCTION	70.08	5.740	0.000
J-114	JUNCTION	63.75	5.337	0.000
J-118	JUNCTION	17.95	3.169	0.000
J-12	JUNCTION	29.11	4.597	0.000
J-121	JUNCTION	57.66	5.959	0.000
J-126	JUNCTION	15.44	0.858	0.000
J-127	JUNCTION	15.18	0.911	0.000
J-128	JUNCTION	14.77	0.852	0.000
J-129	JUNCTION	17.54	3.168	0.000
J-130	JUNCTION	22.04	3.891	0.000
J-131	JUNCTION	25.14	4.297	0.000
J-132	JUNCTION	70.33	5.376	0.000
J-137	JUNCTION	69.30	5.525	0.000
J-139	JUNCTION	76.40	5.566	0.000
J-140	JUNCTION	72.89	5.718	0.000
J-147	JUNCTION	66.23	6.007	0.000
J-148	JUNCTION	63.48	6.091	0.000
J-149	JUNCTION	58.80	6.091	0.000
J-15	JUNCTION	20.93	3.232	0.000
J-152	JUNCTION	60.95	6.147	0.000
J-153	JUNCTION	59.57	6.178	0.000
J-155	JUNCTION	61.66	6.202	0.000
J-156	JUNCTION	61.67	6.280	0.000
J-158	JUNCTION	19.64	3.561	0.000
J-160	JUNCTION	45.07	5.963	0.000
J-161	JUNCTION	18.86	3.670	0.000
J-162	JUNCTION	23.59	4.421	0.000
J-163	JUNCTION	75.50	4.911	0.000
J-164	JUNCTION	72.38	5.177	0.000

J-165	JUNCTION	71.15	5.269	0.000
J-166	JUNCTION	72.50	4.874	0.000
J-167	JUNCTION	74.21	4.420	0.000
J-168	JUNCTION	73.17	4.831	0.000
J-169	JUNCTION	68.19	4.973	0.000
J-170	JUNCTION	59.52	5.078	0.000
J-174	JUNCTION	66.70	6.363	0.000
J-175	JUNCTION	57.53	6.363	0.000
J-176	JUNCTION	41.80	5.965	0.000
J-179	JUNCTION	42.19	5.969	0.000
J-18	JUNCTION	19.07	2.727	0.000
J-180	JUNCTION	19.92	4.075	0.000
J-185	JUNCTION	19.94	4.146	0.000
J-188	JUNCTION	21.39	4.580	0.000
J-191	JUNCTION	21.30	3.876	0.000
J-195	JUNCTION	22.74	3.580	0.000
J-198	JUNCTION	49.01	6.367	0.000
J-199	JUNCTION	52.48	6.228	0.000
J-203	JUNCTION	53.25	6.182	0.000
J-204	JUNCTION	51.37	6.191	0.000
J-206	JUNCTION	55.67	6.029	0.000
J-208	JUNCTION	52.66	5.689	0.000
J-209	JUNCTION	48.89	5.690	0.000
J-212	JUNCTION	55.27	5.972	0.000
J-213	JUNCTION	26.07	4.161	0.000
J-217	JUNCTION	51.68	5.915	0.000
J-218	JUNCTION	61.15	5.893	0.000
J-222	JUNCTION	37.82	4.691	0.000
J-223	JUNCTION	25.87	4.091	0.000
J-225	JUNCTION	55.26	5.822	0.000
J-226	JUNCTION	53.75	5.816	0.000
J-232	JUNCTION	57.30	5.780	0.000
J-233	JUNCTION	56.39	5.340	0.000
J-235	JUNCTION	57.69	5.337	0.000
J-238	JUNCTION	49.41	4.857	0.000
J-24	JUNCTION	67.24	5.566	0.000
J-242	JUNCTION	39.90	4.857	0.000
J-244	JUNCTION	45.55	5.666	0.000
J-247	JUNCTION	53.96	5.663	0.000
J-248	JUNCTION	43.32	4.801	0.000
J-249	JUNCTION	45.76	4.800	0.000
J-25	JUNCTION	19.12	2.764	0.000
J-253	JUNCTION	61.12	5.054	0.000
J-254	JUNCTION	61.96	5.008	0.000
J-256	JUNCTION	62.03	4.975	0.000
J-262	JUNCTION	14.74	2.262	0.000
J-266	JUNCTION	44.44	5.078	0.000
J-267	JUNCTION	47.00	5.144	0.000
J-269	JUNCTION	62.64	5.995	0.000
J-27	JUNCTION	19.25	2.787	0.000
J-271	JUNCTION	77.98	4.968	0.000
J-275	JUNCTION	46.60	4.544	0.000
J-280	JUNCTION	57.88	4.357	0.000
J-281	JUNCTION	55.05	4.871	0.000
J-282	JUNCTION	56.57	5.079	0.000
J-283	JUNCTION	59.28	5.219	0.000
J-285	JUNCTION	48.61	4.568	0.000
J-286	JUNCTION	36.43	4.559	0.000
J-288	JUNCTION	27.96	2.521	0.000
J-290	JUNCTION	21.72	3.267	0.000
J-293	JUNCTION	54.77	5.814	0.000
J-295	JUNCTION	50.25	5.773	0.000
J-296	JUNCTION	51.99	5.719	0.000
J-297	JUNCTION	41.15	5.023	0.000
J-30	JUNCTION	65.50	5.597	0.000
J-300	JUNCTION	42.05	5.014	0.000
J-301	JUNCTION	45.13	5.001	0.000
J-304	JUNCTION	28.03	5.014	0.000
J-305	JUNCTION	28.65	5.014	0.000
J-31	JUNCTION	19.17	2.802	0.000
J-310	JUNCTION	28.25	5.004	0.000
J-312	JUNCTION	28.89	4.992	0.000
J-314	JUNCTION	16.03	2.652	0.000
J-317	JUNCTION	32.65	5.552	0.000
J-321	JUNCTION	16.21	2.788	0.000
J-323	JUNCTION	32.36	5.582	0.000
J-324	JUNCTION	16.41	2.806	0.000
J-327	JUNCTION	67.33	5.568	0.000
J-328	JUNCTION	19.29	2.798	0.000
J-33	JUNCTION	69.14	5.524	0.000

J-333	JUNCTION	53.89	5.876	0.000
J-334	JUNCTION	58.05	5.954	0.000
J-335	JUNCTION	57.85	5.806	0.000
J-341	JUNCTION	21.08	3.653	0.000
J-342	JUNCTION	19.77	4.423	0.000
J-343	JUNCTION	73.12	6.439	0.000
J-348	JUNCTION	53.15	5.707	0.000
J-351	JUNCTION	19.88	3.595	0.000
J-354	JUNCTION	62.55	2.539	0.000
J-354A	JUNCTION	62.45	2.542	0.000
J-355	JUNCTION	62.53	2.991	0.000
J-36	JUNCTION	68.46	5.534	0.000
J-362	JUNCTION	19.36	4.493	0.000
J-363	JUNCTION	42.60	6.088	0.000
J-364	JUNCTION	26.86	5.692	0.000
J-367	JUNCTION	65.13	6.096	0.000
J-368	JUNCTION	37.38	5.706	0.000
J-369	JUNCTION	36.98	5.703	0.000
J-374	JUNCTION	27.99	5.696	0.000
J-375	JUNCTION	25.98	5.289	0.000
J-380	JUNCTION	18.10	3.299	0.000
J-381	JUNCTION	29.66	5.693	0.000
J-384	JUNCTION	27.95	5.289	0.000
J-385	JUNCTION	28.53	5.564	0.000
J-388	JUNCTION	71.12	6.288	0.000
J-389	JUNCTION	42.00	5.789	0.000
J-393	JUNCTION	58.86	6.195	0.000
J-396	JUNCTION	56.17	6.664	0.000
J-399	JUNCTION	54.65	6.208	0.000
J-40	JUNCTION	20.86	2.823	0.000
J-402	JUNCTION	17.70	3.847	0.000
J-405	JUNCTION	48.06	5.867	0.000
J-407	JUNCTION	48.61	5.844	0.000
J-409	JUNCTION	51.49	5.824	0.000
J-410	JUNCTION	70.87	6.320	0.000
J-412	JUNCTION	52.59	5.813	0.000
J-414	JUNCTION	58.72	5.981	0.000
J-415	JUNCTION	17.55	3.526	0.000
J-416	JUNCTION	59.03	5.968	0.000
J-417	JUNCTION	20.51	4.887	0.000
J-42	JUNCTION	20.75	2.753	0.000
J-421	JUNCTION	20.19	4.889	0.000
J-422	JUNCTION	17.84	3.306	0.000
J-423	JUNCTION	17.20	2.902	0.000
J-424	JUNCTION	57.33	5.714	0.000
J-427	JUNCTION	62.43	5.784	0.000
J-430	JUNCTION	17.39	3.138	0.000
J-431	JUNCTION	31.20	3.142	0.000
J-432	JUNCTION	69.59	5.877	0.000
J-433	JUNCTION	62.11	5.511	0.000
J-434	JUNCTION	64.34	5.539	0.000
J-435	JUNCTION	18.54	2.084	0.000
J-436	JUNCTION	21.44	2.519	0.000
J-437	JUNCTION	75.90	5.528	0.000
J-438	JUNCTION	60.27	5.885	0.000
J-439	JUNCTION	72.08	5.764	0.000
J-440	JUNCTION	14.78	1.031	0.000
J-441	JUNCTION	14.77	1.324	0.593
J-445	JUNCTION	25.71	4.419	0.000
J-448	JUNCTION	47.35	3.042	0.000
J-450	JUNCTION	73.06	5.951	0.000
J-454	JUNCTION	47.50	3.043	0.000
J-455	JUNCTION	34.47	2.000	0.000
J-459	JUNCTION	48.96	3.311	0.000
J-460-NEW	JUNCTION	39.21	2.657	0.000
J-463	JUNCTION	36.77	2.337	0.000
J-466	JUNCTION	45.89	4.579	0.000
J-468	JUNCTION	27.55	2.676	0.000
J-47	JUNCTION	64.79	4.445	0.000
J-470	JUNCTION	8.25	1.661	0.000
J-471	JUNCTION	32.65	4.176	0.000
J-478	JUNCTION	14.72	2.699	0.000
J-479	JUNCTION	25.21	2.737	0.000
J-480	JUNCTION	16.35	3.106	0.000
J-481	JUNCTION	25.18	3.434	0.000
J-482	JUNCTION	21.21	3.196	0.000
J-484	JUNCTION	39.83	3.660	0.000
J-485	JUNCTION	70.83	4.627	0.000
J-486	JUNCTION	61.47	4.134	0.000
J-487	JUNCTION	42.47	3.741	0.000

J-489	JUNCTION	30.06	3.209	0.000
J-491	JUNCTION	50.37	3.451	0.000
J-492	JUNCTION	60.85	4.397	0.000
J-493	JUNCTION	69.80	4.518	0.000
J-495	JUNCTION	66.88	4.929	0.000
J-497	JUNCTION	61.99	4.766	0.000
J-498	JUNCTION	14.04	2.697	0.000
J-499	JUNCTION	26.03	4.238	0.000
J-5	JUNCTION	22.55	3.861	0.000
J-50	JUNCTION	59.82	5.173	0.000
J-500	JUNCTION	26.24	4.235	0.000
J-505	JUNCTION	26.26	4.230	0.000
J-508	JUNCTION	26.18	4.224	0.000
J-51	JUNCTION	54.04	3.781	0.000
J-512	JUNCTION	26.55	4.194	0.000
J-518	JUNCTION	26.46	4.173	0.000
J-53	JUNCTION	54.25	6.945	0.000
J-534	JUNCTION	71.81	6.306	0.000
J-537	JUNCTION	41.91	2.949	0.000
J-539	JUNCTION	44.06	3.029	0.000
J-539-WEIR	JUNCTION	22.79	1.982	0.000
J-539A	JUNCTION	22.19	7.060	0.000
J-54	JUNCTION	21.54	4.031	0.000
J-541	JUNCTION	38.91	3.122	0.000
J-544	JUNCTION	56.31	4.244	0.000
J-548	JUNCTION	4.91	1.399	0.000
J-550	JUNCTION	19.56	2.529	0.000
J-553	JUNCTION	73.79	4.730	0.000
J-554	JUNCTION	54.19	4.477	0.000
J-555	JUNCTION	53.37	4.491	0.000
J-557	JUNCTION	0.01	0.710	2.660
J-558	JUNCTION	0.00	3.391	0.000
J-559	JUNCTION	49.56	3.442	0.000
J-560	JUNCTION	49.61	3.356	0.000
J-561	JUNCTION	77.99	5.623	0.000
J-563	JUNCTION	18.82	2.359	0.000
J-565	JUNCTION	68.49	5.457	0.000
J-566	JUNCTION	2.74	0.189	0.000
J-567	JUNCTION	16.52	6.072	0.000
J-568	JUNCTION	16.76	5.083	0.000
J-569	JUNCTION	16.79	5.269	0.000
J-570	JUNCTION	11.15	0.207	0.000
J-571	JUNCTION	56.43	2.031	0.000
J-575	JUNCTION	77.99	5.612	0.000
J-576	JUNCTION	70.95	5.502	0.000
J-577	JUNCTION	15.13	2.400	0.000
J-578	JUNCTION	66.26	5.502	0.000
J-58	JUNCTION	21.51	4.024	0.000
J-581	JUNCTION	71.39	6.903	0.000
J-585	JUNCTION	35.10	3.388	0.000
J-588	JUNCTION	65.84	6.277	0.000
J-59	JUNCTION	21.47	4.007	0.000
J-591	JUNCTION	64.51	4.902	0.000
J-596	JUNCTION	71.56	6.961	0.000
J-598	JUNCTION	12.47	2.757	0.000
J-6	JUNCTION	65.38	5.363	0.000
J-60	JUNCTION	52.55	6.762	0.000
J-601	JUNCTION	59.38	4.661	0.000
J-602	JUNCTION	58.51	4.572	0.000
J-603	JUNCTION	12.29	2.803	0.000
J-604	JUNCTION	45.63	2.506	0.000
J-606	JUNCTION	69.02	4.781	0.000
J-607	JUNCTION	69.73	4.913	0.000
J-609	JUNCTION	61.09	4.608	0.000
J-61	JUNCTION	21.53	4.014	0.000
J-613	JUNCTION	63.49	5.387	0.000
J-615	JUNCTION	62.10	5.299	0.000
J-618	JUNCTION	57.90	5.581	0.000
J-623	JUNCTION	49.42	5.187	0.000
J-624	JUNCTION	20.56	2.787	0.000
J-626	JUNCTION	46.03	5.186	0.000
J-629	JUNCTION	63.31	5.599	0.000
J-63	JUNCTION	60.22	6.107	0.000
J-632	JUNCTION	55.50	5.619	0.000
J-633	JUNCTION	47.32	5.186	0.000
J-637	JUNCTION	42.24	5.187	0.000
J-64	JUNCTION	59.24	6.104	0.000
J-640	JUNCTION	49.09	5.611	0.000
J-647	JUNCTION	19.45	2.813	0.000
J-650	JUNCTION	29.58	4.694	0.000

J-653	JUNCTION	20.54	2.764	0.000
J-654	JUNCTION	20.62	2.729	0.000
J-657	JUNCTION	30.26	4.715	0.000
J-659	JUNCTION	29.04	4.697	0.000
J-663	JUNCTION	53.70	5.647	0.000
J-665	JUNCTION	53.40	5.578	0.000
J-666	JUNCTION	63.27	5.435	0.000
J-67	JUNCTION	63.44	5.984	0.000
J-670	JUNCTION	59.78	5.435	0.000
J-672	JUNCTION	77.99	6.360	0.000
J-673	JUNCTION	20.76	2.341	0.000
J-678	JUNCTION	60.40	5.433	0.000
J-67A	JUNCTION	61.46	5.984	0.000
J-682	JUNCTION	8.61	5.150	0.000
J-684	JUNCTION	8.62	5.073	0.000
J-686	JUNCTION	8.59	5.009	0.000
J-687	JUNCTION	8.51	4.409	0.000
J-691	JUNCTION	8.51	4.267	0.000
J-693	JUNCTION	77.99	3.990	1.370
J-697	JUNCTION	63.80	6.364	0.000
J-7	JUNCTION	66.72	5.372	0.000
J-700	JUNCTION	55.22	5.651	0.000
J-701	JUNCTION	77.64	5.601	0.000
J-702	JUNCTION	77.98	5.610	0.000
J-705	JUNCTION	72.80	5.853	0.000
J-707	JUNCTION	63.77	5.554	0.000
J-710	JUNCTION	53.35	5.650	0.000
J-712	JUNCTION	3.93	3.403	0.000
J-714	JUNCTION	3.94	3.359	0.000
J-719	JUNCTION	5.03	3.661	0.000
J-72	JUNCTION	66.29	6.096	0.000
J-721	JUNCTION	4.22	3.671	0.000
J-725	JUNCTION	2.10	3.394	0.000
J-728	JUNCTION	2.23	3.414	0.000
J-73	JUNCTION	64.55	6.101	0.000
J-734	JUNCTION	4.67	3.402	0.000
J-735	JUNCTION	6.34	4.428	0.000
J-736	JUNCTION	49.35	10.342	0.000
J-74	JUNCTION	61.34	6.117	0.000
J-740	JUNCTION	49.05	6.775	0.000
J-741	JUNCTION	40.66	5.654	0.000
J-744	JUNCTION	42.28	5.654	0.000
J-745	JUNCTION	21.21	3.855	0.000
J-748	JUNCTION	31.54	2.713	0.000
J-748-WEIR-STANTEC	JUNCTION	31.35	2.711	0.000
J-749	JUNCTION	73.07	5.313	0.000
J-750	JUNCTION	43.35	3.502	0.000
J-751	JUNCTION	73.42	5.301	0.000
J-752	JUNCTION	32.43	2.186	0.000
J-753	JUNCTION	76.86	6.395	0.000
J-754	JUNCTION	31.98	2.496	0.000
J-754-WEIR-STANTEC	JUNCTION	32.97	2.185	0.000
J-755	JUNCTION	57.94	4.850	0.000
J-760	JUNCTION	25.74	4.753	0.000
J-761	JUNCTION	16.35	2.148	0.000
J-763	JUNCTION	76.53	4.864	0.000
J-764	JUNCTION	70.36	6.240	0.000
J-766	JUNCTION	3.41	3.383	0.000
J-768	JUNCTION	3.58	4.077	0.000
J-769	JUNCTION	7.13	4.121	0.000
J-77	JUNCTION	19.53	3.339	0.000
J-771	JUNCTION	6.33	3.888	0.000
J-772	JUNCTION	10.21	3.902	0.000
J-774	JUNCTION	10.07	3.857	0.000
J-776	JUNCTION	7.34	3.859	0.000
J-778	JUNCTION	6.50	3.855	0.000
J-77A	JUNCTION	18.68	9.560	0.000
J-780	JUNCTION	6.56	3.862	0.000
J-782	JUNCTION	3.03	3.856	0.000
J-784	JUNCTION	2.76	3.918	0.000
J-786	JUNCTION	1.59	3.865	0.000
J-788	JUNCTION	1.13	3.866	0.000
J-790	JUNCTION	1.42	3.879	0.000
J-792	JUNCTION	4.58	3.684	0.000
J-793	JUNCTION	4.45	3.687	0.000
J-795	JUNCTION	1.37	3.853	0.000
J-799	JUNCTION	6.56	3.543	0.000
J-799-WEIR-EAC	JUNCTION	20.09	3.555	0.000
J-80	JUNCTION	64.32	6.130	0.000
J-800	JUNCTION	7.67	3.862	0.000

J-802	JUNCTION	16.93	4.660	0.000
J-806	JUNCTION	8.41	4.225	0.000
J-809	JUNCTION	8.34	4.244	0.000
J-810	JUNCTION	8.30	4.233	0.000
J-813	JUNCTION	16.21	4.686	0.000
J-816	JUNCTION	15.48	4.735	0.000
J-819	JUNCTION	14.29	4.751	0.000
J-82	JUNCTION	72.98	6.473	0.000
J-822	JUNCTION	19.69	5.186	0.000
J-826	JUNCTION	19.44	5.183	0.000
J-829	JUNCTION	13.72	4.762	0.000
J-83	JUNCTION	19.87	4.072	0.000
J-831	JUNCTION	14.88	4.753	0.000
J-836	JUNCTION	15.92	4.723	0.000
J-838	JUNCTION	17.89	4.802	0.000
J-83A	JUNCTION	19.94	10.060	0.000
J-84	JUNCTION	70.18	6.371	0.000
J-841	JUNCTION	7.84	4.223	0.000
J-844	JUNCTION	8.26	4.153	0.000
J-848	JUNCTION	8.44	4.452	0.000
J-850	JUNCTION	6.13	4.205	0.000
J-851	JUNCTION	6.29	3.898	0.000
J-865	JUNCTION	0.38	2.880	1.660
J-868	JUNCTION	0.45	4.128	0.312
J-87	JUNCTION	67.31	5.991	0.000
J-870	JUNCTION	1.54	4.990	0.000
J-879	JUNCTION	71.48	5.810	0.000
J-88	JUNCTION	68.30	5.951	0.000
J-880	JUNCTION	46.57	3.156	0.000
J-881	JUNCTION	45.61	5.832	0.000
J-882	JUNCTION	55.80	3.590	0.000
J-883	JUNCTION	61.42	3.668	0.000
J-884	JUNCTION	12.37	0.321	0.000
J-888	JUNCTION	53.64	5.149	0.000
J-889	JUNCTION	52.74	5.146	0.000
J-891	JUNCTION	54.86	5.115	0.000
J-892	JUNCTION	53.62	5.105	0.000
J-894	JUNCTION	53.65	5.065	0.000
J-896	JUNCTION	52.98	4.979	0.000
J-899	JUNCTION	20.93	2.783	0.000
J-903	JUNCTION	71.89	4.501	0.000
J-910	JUNCTION	77.99	6.560	0.000
J-912	JUNCTION	77.99	6.360	0.000
J-917	JUNCTION	54.26	7.101	0.000
J-918	JUNCTION	57.30	4.141	0.000
J-920	JUNCTION	78.00	5.605	0.000
J-934	JUNCTION	20.85	2.526	0.000
J-951	JUNCTION	16.07	5.585	0.000
J-953	JUNCTION	18.10	5.030	0.000
J-954	JUNCTION	30.55	3.636	0.000
J-958	JUNCTION	47.97	4.310	0.000
J-96	JUNCTION	48.06	5.035	0.000
J-963	JUNCTION	29.30	4.441	0.000
J-99	JUNCTION	70.09	5.838	0.000
JCT-24	JUNCTION	15.45	0.549	0.000
JCT-26	JUNCTION	16.16	1.041	0.000
JCT-26-WEIR	JUNCTION	16.16	1.039	0.000
JCT-30	JUNCTION	20.74	2.346	0.000
JCT-46	JUNCTION	76.69	4.720	0.000
JCT-64	JUNCTION	44.76	4.859	0.000

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate CFS	Time of Max Occurrence days hr:min	Total Flood Volume 10^6 gal	Maximum Ponded Depth Feet
J-102	16.75	5.14	3 03:56	0.042	1.461
J-104	22.65	11.93	2 12:14	0.290	1.273
J-106	18.24	5.26	2 10:37	0.067	1.709
J-109	15.72	4.60	2 11:50	0.051	1.221
J-11	10.76	12.84	3 00:19	0.367	0.035
J-110	17.01	8.05	2 12:00	0.143	1.151
J-113	17.81	10.73	3 03:04	0.296	0.906

J-114	12.91	14.14	2	22:29	0.183	0.177
J-118	12.80	14.60	2	22:29	0.161	0.169
J-12	10.22	12.78	3	00:19	0.393	0.037
J-121	9.90	4.90	2	09:46	0.017	0.259
J-126	15.42	6.85	2	12:15	0.244	0.858
J-127	15.18	1.17	2	12:15	0.018	0.911
J-128	14.77	1.15	2	12:16	0.016	0.852
J-129	13.46	8.53	2	22:45	0.183	0.228
J-130	13.49	6.20	2	23:31	0.115	0.251
J-131	6.02	3.83	2	17:09	0.047	0.007
J-132	17.34	6.63	2	12:06	0.127	0.609
J-137	20.81	2.61	3	02:31	0.083	0.725
J-139	12.63	2.22	2	02:12	0.015	0.206
J-140	16.77	2.57	1	21:05	0.036	0.438
J-147	18.22	5.82	2	12:15	0.174	0.707
J-148	17.64	5.75	3	03:43	0.041	0.751
J-149	20.97	3.98	2	11:53	0.081	1.291
J-15	16.16	19.19	3	03:44	0.251	0.532
J-152	18.29	3.90	2	12:15	0.144	0.747
J-153	18.95	3.37	2	09:16	0.044	0.678
J-155	19.87	3.18	1	22:40	0.052	0.782
J-156	20.76	2.96	2	06:04	0.064	1.010
J-158	17.22	19.51	3	04:35	0.214	0.961
J-160	17.38	9.89	3	04:42	0.058	0.863
J-161	6.72	4.35	2	11:30	0.064	0.003
J-162	0.88	5.73	2	13:26	0.015	0.004
J-163	7.90	5.01	0	18:38	0.132	0.200
J-164	7.10	4.33	0	11:44	0.077	0.004
J-165	7.68	4.08	0	06:40	0.078	0.001
J-166	5.28	5.03	2	05:15	0.062	0.001
J-167	6.41	5.93	2	07:40	0.092	0.004
J-168	10.61	4.95	1	15:18	0.114	0.005
J-169	15.76	4.22	1	20:11	0.166	0.001
J-170	20.94	3.13	1	17:26	0.175	0.002
J-174	19.31	4.67	2	11:31	0.067	1.563
J-175	21.54	1.92	2	08:53	0.053	1.313
J-176	18.34	5.51	2	11:34	0.059	0.845
J-179	18.95	6.75	2	02:25	0.091	1.219
J-18	15.54	28.11	3	03:06	0.204	0.497
J-180	16.14	15.25	2	11:41	0.222	1.125
J-185	15.88	20.49	3	03:41	0.158	1.076
J-188	18.35	20.65	2	10:22	0.205	1.760
J-191	18.17	21.47	2	10:19	0.123	0.926
J-195	19.68	21.31	2	11:00	0.289	1.820
J-198	28.22	5.93	2	12:15	0.212	1.867
J-199	25.07	4.20	0	19:34	0.101	1.678
J-203	23.19	5.66	2	12:15	0.280	1.682
J-204	24.52	5.82	2	09:18	0.113	1.741
J-206	24.49	3.71	2	07:08	0.099	1.479
J-208	23.35	4.92	2	03:31	0.119	1.439
J-209	25.64	3.69	2	07:17	0.122	1.340
J-212	22.81	3.32	2	09:17	0.089	1.122
J-213	19.57	12.07	2	07:37	0.169	1.411
J-217	30.86	6.45	2	12:15	0.387	2.145
J-218	22.29	9.12	2	11:15	0.114	1.703
J-222	23.24	18.72	2	09:05	0.217	2.361
J-223	18.39	33.87	2	09:06	0.273	1.291
J-225	21.42	3.89	3	04:06	0.065	0.972
J-226	21.52	4.67	3	05:49	0.075	0.966
J-232	20.85	2.99	1	20:21	0.065	0.880
J-233	16.67	5.56	3	02:25	0.130	0.740
J-235	16.65	5.38	3	02:31	0.051	0.777
J-238	19.50	14.45	3	02:16	0.144	0.757
J-24	17.03	5.09	3	03:48	0.038	0.766
J-242	24.67	9.00	1	17:25	0.182	0.957
J-244	27.67	4.41	1	10:06	0.143	0.966
J-247	25.08	4.85	0	23:57	0.152	1.003
J-248	21.52	16.32	1	16:33	0.210	1.001
J-249	19.55	13.90	1	17:25	0.303	0.950
J-25	16.19	26.74	3	03:54	0.204	0.724
J-253	48.44	4.23	2	12:08	0.350	0.404
J-254	47.79	4.23	1	11:59	0.365	0.308
J-256	31.29	4.08	2	12:15	0.275	0.175
J-262	0.07	2.37	2	08:55	0.001	0.002
J-266	27.86	9.40	1	23:57	0.289	0.428
J-267	25.15	7.07	2	11:17	0.241	0.394
J-268-WEIR	4.00	5.84	2	03:54	0.008	0.383
J-269	16.27	5.62	3	01:58	0.076	0.695
J-27	16.34	23.21	3	04:04	0.106	0.837
J-271	0.00	8.69	0	00:00	0.000	0.008

J-275	17.06	34.40	0	21:35	0.350	0.444
J-280	10.11	3.66	0	22:22	0.104	0.007
J-281	27.80	4.10	2	07:20	0.176	0.471
J-282	18.93	4.62	2	05:08	0.118	0.379
J-283	17.80	4.82	2	05:06	0.098	0.519
J-285	22.93	30.84	0	22:54	0.750	0.668
J-286	20.69	26.43	2	01:18	0.349	0.709
J-288	17.44	24.87	2	11:40	0.387	0.861
J-290	13.64	12.87	2	21:19	0.270	0.867
J-293	15.31	4.41	1	02:35	0.105	0.614
J-295	13.14	5.90	2	10:10	0.099	0.473
J-296	17.68	5.14	1	21:34	0.139	0.719
J-297	19.21	20.30	1	14:08	0.215	0.773
J-30	17.48	3.41	3	04:01	0.034	0.847
J-300	17.96	19.12	1	17:53	0.222	0.764
J-301	19.78	14.02	1	16:20	0.238	0.751
J-304	16.07	9.61	1	23:40	0.074	0.764
J-305	15.48	13.32	3	05:19	0.094	0.714
J-31	16.59	21.77	3	04:09	0.111	0.952
J-310	13.85	4.30	3	05:23	0.057	0.554
J-312	13.28	5.40	3	04:11	0.029	0.532
J-314	12.72	24.79	2	23:34	0.121	0.602
J-317	15.63	3.48	3	01:07	0.080	0.652
J-321	13.42	19.67	3	00:59	0.071	0.638
J-323	16.24	2.81	3	01:29	0.046	0.832
J-324	13.65	15.89	2	11:41	0.064	0.706
J-327	17.11	5.59	3	05:41	0.040	0.818
J-328	16.75	9.03	3	03:59	0.301	0.898
J-33	8.68	4.02	3	01:40	0.016	0.164
J-333	23.57	2.72	2	10:30	0.087	1.276
J-334	20.51	2.95	1	10:11	0.071	1.264
J-335	20.81	3.28	2	11:12	0.057	0.886
J-341	17.89	21.00	2	11:11	0.189	0.603
J-342	17.84	9.75	2	12:15	0.290	1.183
J-343	17.43	3.62	3	04:23	0.033	0.989
J-348	21.65	3.34	3	05:00	0.072	0.957
J-351	16.68	11.72	2	10:35	0.045	0.475
J-354	16.40	9.84	3	01:36	0.301	0.419
J-354A	14.57	25.79	3	01:22	0.333	0.422
J-355	16.51	18.19	2	11:49	0.250	0.821
J-359	16.23	4.20	2	11:55	0.032	0.901
J-36	16.64	4.42	3	04:44	0.042	0.814
J-362	15.97	3.92	3	04:41	0.035	0.353
J-363	16.31	4.80	1	15:33	0.130	0.388
J-364	16.18	5.17	2	01:40	0.042	0.342
J-367	17.78	5.96	2	11:01	0.047	0.896
J-368	17.33	6.09	2	12:13	0.159	0.906
J-369	16.97	4.23	3	05:05	0.048	0.553
J-374	16.01	4.49	2	06:08	0.036	0.396
J-375	16.72	5.64	3	02:52	0.051	0.539
J-380	14.31	26.50	3	02:15	0.092	0.399
J-381	15.87	4.92	3	03:43	0.036	0.393
J-384	16.42	7.60	1	23:01	0.103	0.489
J-385	0.69	10.41	1	23:36	0.014	0.004
J-388	15.90	13.46	3	01:50	0.106	0.488
J-389	15.72	7.64	1	02:48	0.074	0.389
J-393	18.18	5.39	3	04:26	0.077	0.395
J-396	21.18	3.23	3	03:55	0.109	0.414
J-399	3.76	3.42	3	04:08	0.039	0.008
J-40	15.44	52.93	3	05:29	0.211	0.603
J-402	14.68	12.34	3	02:28	0.062	1.207
J-405	15.87	3.73	3	03:28	0.035	0.717
J-407	16.10	4.34	2	11:09	0.037	0.874
J-409	15.40	4.90	3	02:36	0.058	0.894
J-410	14.82	10.82	3	01:30	0.077	0.570
J-412	14.84	4.99	3	02:33	0.052	0.653
J-414	16.10	7.25	2	11:56	0.080	1.441
J-415	14.80	29.59	2	11:52	0.182	0.966
J-416	14.90	7.68	3	02:38	0.048	0.718
J-417	13.55	13.79	3	01:30	0.070	0.217
J-42	20.51	23.42	2	09:03	0.237	2.079
J-421	16.48	7.76	2	05:17	0.118	0.689
J-422	15.47	3.55	3	01:54	0.045	0.556
J-423	5.36	34.77	3	02:20	0.197	0.002
J-424	17.17	3.08	2	07:12	0.047	0.564
J-427	17.38	2.98	2	09:38	0.043	0.584
J-430	14.74	18.21	3	04:12	0.169	0.438
J-431	15.13	29.27	3	03:22	0.275	0.353
J-432	19.61	20.32	0	09:27	0.252	0.579
J-433	27.07	6.35	0	10:04	0.243	0.546

J-434	22.86	6.35	3	02:35	0.160	0.403
J-435	15.93	5.34	0	08:59	0.061	0.207
J-436	17.78	7.36	3	04:51	0.089	0.679
J-437	24.33	10.52	2	12:08	0.323	1.077
J-438	36.55	4.79	2	12:21	0.427	0.679
J-439	28.13	6.57	1	10:34	0.202	0.507
J-440	0.85	4.58	2	13:33	0.005	0.004
J-444	17.78	24.65	2	20:57	0.978	3.198
J-445	13.75	18.04	3	01:18	0.236	0.192
J-448	18.85	10.60	3	03:57	0.137	0.482
J-450	14.76	13.82	3	03:46	0.150	0.291
J-454	18.47	9.80	3	03:57	0.118	0.483
J-455	32.91	10.67	2	05:13	0.312	1.750
J-459	38.55	36.59	2	07:48	2.041	1.751
J-460-NEW	38.01	31.14	1	04:54	1.488	2.127
J-463	36.01	30.55	1	05:00	1.398	2.137
J-466	20.02	77.33	0	06:25	1.344	0.466
J-468	23.38	18.75	0	12:49	0.366	1.922
J-47	31.92	12.36	2	16:43	1.164	0.068
J-470	4.04	58.82	3	04:11	0.323	0.221
J-471	23.83	70.04	0	06:25	1.903	1.305
J-478	10.05	72.81	0	10:11	1.593	0.658
J-479	16.35	66.67	2	05:29	2.606	0.901
J-480	9.12	46.67	2	05:55	0.763	0.306
J-481	13.26	34.40	1	22:39	1.100	0.124
J-482	7.87	28.59	2	01:30	0.433	0.026
J-484	6.69	15.74	0	15:56	0.287	0.060
J-485	7.07	10.41	3	04:22	0.171	0.060
J-486	10.67	22.73	3	04:54	0.466	0.435
J-487	9.52	15.17	1	22:29	0.296	0.021
J-489	8.40	17.73	1	19:27	0.222	0.009
J-491	13.65	14.47	2	05:13	0.315	0.101
J-492	15.53	7.82	0	10:12	0.262	0.018
J-493	15.92	15.84	1	08:19	0.569	0.014
J-495	8.63	15.15	2	18:25	0.301	0.026
J-497	36.52	8.75	2	12:10	0.744	0.777
J-498	12.03	17.77	2	22:44	0.268	0.426
J-499	6.89	7.01	2	23:34	0.075	0.078
J-5	17.53	27.61	3	04:59	0.578	1.001
J-50	20.59	8.91	2	06:37	0.513	0.023
J-500	13.02	8.23	3	00:06	0.122	0.479
J-505	14.20	8.26	2	12:01	0.137	0.960
J-508	7.02	9.47	2	12:01	0.106	0.064
J-51	20.18	30.88	2	13:23	1.332	0.331
J-512	15.60	8.53	2	12:04	0.103	0.743
J-518	15.20	6.35	3	00:41	0.080	0.557
J-53	18.38	2.07	2	11:12	0.039	1.666
J-534	30.72	5.18	2	12:14	0.290	1.746
J-537	19.51	8.67	0	06:11	0.088	1.869
J-539	43.67	100.48	0	06:19	4.081	2.807
J-539-WEIR	21.61	76.02	2	06:47	1.139	1.922
J-54	19.46	15.13	2	11:14	0.638	2.121
J-541	35.97	6.69	2	12:01	0.600	2.382
J-544	30.24	8.33	3	05:27	0.633	0.058
J-548	3.30	30.45	2	17:07	0.295	0.219
J-550	5.76	23.00	2	16:50	0.344	0.029
J-553	9.96	11.03	2	14:06	0.383	0.030
J-554	2.86	15.80	2	04:49	0.132	0.007
J-555	4.39	15.21	1	16:22	0.172	0.001
J-558	0.00	5.90	3	05:07	0.000	0.001
J-559	5.83	17.84	1	13:32	0.180	0.002
J-560	8.72	10.98	2	00:12	0.298	0.016
J-561	0.00	53.44	0	00:00	0.001	0.023
J-563	14.20	32.37	3	01:31	0.292	0.309
J-565	11.80	13.03	3	03:26	0.144	0.107
J-566	1.32	63.26	3	02:00	0.181	0.079
J-567	3.28	6.78	2	14:29	0.048	0.012
J-568	12.20	10.59	2	14:30	0.196	0.023
J-569	11.73	7.95	2	13:11	0.168	0.042
J-570	10.51	19.80	3	02:02	0.530	0.207
J-571	4.16	42.70	2	18:32	0.517	0.001
J-575	0.00	34.88	0	00:00	0.000	0.012
J-576	0.94	3.60	1	21:44	0.016	0.002
J-577	0.01	1.90	2	09:15	0.000	0.000
J-578	5.02	4.68	1	19:00	0.074	0.002
J-58	19.44	24.07	2	10:49	0.261	2.363
J-581	8.89	3.61	1	19:00	0.086	0.003
J-585	5.42	24.72	2	09:16	0.183	0.438
J-588	16.37	4.48	2	10:21	0.268	0.147
J-59	19.34	46.20	2	10:42	0.317	2.179

J-591	0.20	33.20	1	20:27	0.025	0.002
J-596	2.06	2.32	2	10:12	0.010	0.200
J-598	3.45	10.74	2	15:21	0.148	0.457
J-6	1.05	9.77	3	03:27	0.043	0.009
J-60	19.99	5.72	2	11:18	0.087	2.204
J-601	11.79	4.80	0	21:09	0.148	0.061
J-602	11.46	5.57	0	20:59	0.165	0.122
J-603	0.62	5.32	1	19:25	0.018	0.003
J-604	2.08	5.12	0	20:39	0.023	0.006
J-606	7.66	5.35	2	10:50	0.132	0.081
J-607	6.25	5.68	2	12:32	0.099	0.013
J-609	7.41	6.00	1	08:49	0.112	0.008
J-61	19.61	13.80	2	11:12	0.167	2.131
J-613	13.12	3.77	1	21:06	0.120	0.287
J-615	13.75	3.58	1	20:17	0.125	0.199
J-618	23.07	2.64	2	11:30	0.073	0.981
J-623	18.02	13.24	3	04:02	0.106	0.687
J-624	15.00	27.13	3	04:44	0.278	0.387
J-626	17.87	5.36	1	22:17	0.048	0.626
J-629	18.36	4.58	2	10:21	0.138	0.599
J-63	16.76	7.39	3	04:07	0.133	0.747
J-632	22.39	3.24	2	09:22	0.072	0.719
J-633	18.78	11.48	3	05:00	0.159	0.836
J-637	20.35	7.77	3	05:45	0.119	1.087
J-64	17.15	4.39	3	03:14	0.048	0.744
J-640	23.79	4.35	2	09:16	0.152	1.041
J-647	10.16	30.06	3	04:12	0.100	0.253
J-650	17.98	11.46	3	03:09	0.100	0.634
J-653	17.14	10.60	3	03:02	0.176	0.564
J-654	15.10	30.68	3	03:39	0.094	0.529
J-657	16.71	7.51	2	07:39	0.099	0.345
J-659	17.86	8.91	3	03:07	0.129	0.597
J-663	22.43	8.29	2	05:19	0.368	0.547
J-665	22.43	9.37	2	00:14	0.298	0.578
J-666	17.69	11.46	3	01:56	0.156	0.385
J-67	17.73	4.25	2	11:23	0.066	0.684
J-670	21.03	11.52	0	21:48	0.228	0.635
J-672	0.00	2.19	3	04:34	0.000	0.000
J-673	15.85	34.58	3	04:03	0.289	0.741
J-678	21.45	9.81	0	19:28	0.257	0.733
J-67A	17.96	3.80	3	04:03	0.049	0.684
J-682	8.48	4.96	2	12:15	0.085	0.750
J-684	5.52	2.73	2	17:30	0.016	0.003
J-686	5.89	2.71	2	17:51	0.020	0.009
J-687	6.08	4.53	2	19:21	0.034	0.009
J-691	6.06	5.23	2	18:50	0.069	0.017
J-692	0.00	2.04	2	19:21	0.000	0.005
J-697	12.11	4.21	1	22:56	0.205	0.004
J-7	18.04	9.66	3	03:55	0.219	0.472
J-700	17.23	4.00	0	19:21	0.255	0.001
J-701	1.42	3.52	1	08:00	0.023	0.001
J-702	0.09	4.48	2	08:06	0.001	0.000
J-705	5.41	4.88	1	16:19	0.057	0.003
J-707	11.94	4.22	2	04:01	0.125	0.004
J-710	13.96	3.04	1	22:51	0.101	0.000
J-712	3.69	3.58	2	15:28	0.042	0.153
J-714	3.64	4.68	2	13:52	0.042	0.109
J-719	1.80	3.42	3	02:28	0.009	0.011
J-72	16.35	9.76	3	03:36	0.049	0.736
J-721	0.98	2.98	2	15:21	0.006	0.011
J-725	1.63	15.41	2	13:51	0.014	0.144
J-728	1.77	11.24	2	13:48	0.055	0.164
J-73	17.26	5.17	3	03:52	0.052	0.741
J-734	3.39	33.52	3	02:27	0.130	0.552
J-735	4.64	25.92	3	02:26	0.161	1.468
J-736	47.55	12.05	1	14:36	1.044	6.732
J-74	17.25	4.08	3	04:55	0.091	0.757
J-740	23.79	2.84	2	11:21	0.098	1.918
J-741	19.14	5.87	2	11:34	0.059	1.561
J-744	19.89	5.99	2	09:06	0.088	2.153
J-745	19.09	14.79	2	11:38	0.162	2.166
J-748	19.67	41.08	3	03:59	0.333	1.519
J-748-WEIR-STANTEC	18.61	38.65	2	07:16	0.161	1.517
J-749	28.46	10.22	0	06:01	0.315	1.457
J-750	16.22	28.84	3	03:24	0.375	0.487
J-751	26.98	13.30	0	12:26	0.471	1.359
J-752	24.80	58.48	0	06:13	0.833	1.424
J-753	27.91	6.89	2	09:22	0.184	1.438
J-754	28.03	22.70	2	12:16	1.007	1.555
J-754-WEIR-STANTEC	18.48	60.55	3	03:38	0.227	1.423

J-755	9.02	9.06	2	16:56	0.214	0.450
J-760	19.21	13.60	2	10:56	0.098	1.296
J-761	14.79	8.27	2	12:16	0.026	0.906
J-763	12.47	17.35	1	11:22	0.310	0.004
J-764	18.32	9.07	3	05:55	0.252	0.440
J-766	3.28	12.02	2	12:02	0.104	0.533
J-768	2.98	3.21	2	11:58	0.015	0.427
J-769	2.12	2.54	1	06:37	0.012	0.271
J-77	17.96	26.38	2	11:15	0.434	1.389
J-771	0.98	6.83	2	05:18	0.006	0.038
J-772	1.15	3.93	2	00:13	0.018	0.042
J-774	1.09	5.88	2	18:21	0.008	0.007
J-776	0.94	5.67	2	18:21	0.005	0.009
J-778	0.53	3.24	2	18:04	0.002	0.005
J-77A	0.00	12.61	2	22:57	0.000	0.000
J-780	0.43	1.47	2	12:36	0.001	0.002
J-782	0.65	2.12	2	12:36	0.002	0.006
J-784	0.75	2.05	2	11:54	0.009	0.068
J-786	0.73	3.82	2	11:54	0.003	0.015
J-788	0.65	3.87	2	11:59	0.002	0.016
J-790	0.63	2.45	2	11:54	0.003	0.029
J-792	2.64	3.30	2	12:50	0.007	0.024
J-793	2.61	4.91	2	12:50	0.006	0.037
J-795	0.56	3.09	2	11:51	0.003	0.003
J-799	0.86	4.81	2	14:15	0.018	0.003
J-799-WEIR-EAC	2.41	15.87	3	04:41	0.080	0.015
J-80	17.15	7.07	3	03:40	0.144	0.770
J-800	4.73	10.61	2	11:31	0.062	0.022
J-802	5.64	6.75	2	07:32	0.063	0.120
J-806	5.52	5.56	2	15:21	0.042	0.085
J-809	4.74	17.62	2	12:30	0.084	0.054
J-810	5.79	9.64	2	12:31	0.090	0.293
J-813	5.99	4.59	2	11:37	0.022	0.246
J-816	6.34	4.28	2	18:03	0.087	0.395
J-819	5.55	4.31	2	20:08	0.014	0.211
J-82	17.80	8.49	3	04:55	0.072	1.013
J-822	6.63	3.48	2	12:15	0.077	0.346
J-826	7.27	5.12	2	12:12	0.113	0.443
J-829	6.66	4.58	2	10:40	0.018	0.222
J-83	17.39	20.12	3	04:37	0.377	1.012
J-831	6.63	5.02	2	18:49	0.063	0.263
J-836	6.29	4.69	2	09:12	0.050	0.183
J-838	4.05	2.84	2	17:57	0.028	0.062
J-83A	0.00	25.44	2	22:57	0.000	0.000
J-84	17.78	9.70	3	04:45	0.057	1.011
J-841	4.32	4.71	2	14:50	0.027	0.083
J-844	4.15	7.71	2	12:15	0.092	0.213
J-848	2.17	5.70	2	17:58	0.022	0.012
J-850	0.71	6.38	2	12:38	0.022	0.005
J-851	1.27	8.16	2	13:42	0.036	0.008
J-87	18.21	4.88	3	04:38	0.064	1.091
J-879	1.98	5.49	0	08:06	0.045	0.000
J-88	17.49	4.83	2	10:23	0.057	1.051
J-880	24.45	11.47	1	17:33	0.488	0.396
J-881	0.47	12.28	2	00:41	0.031	0.002
J-882	23.88	7.86	0	18:45	0.472	0.030
J-883	21.39	9.56	2	18:13	0.409	0.108
J-884	4.25	27.51	3	03:49	0.352	0.261
J-888	19.51	4.79	2	11:38	0.055	1.310
J-889	20.01	4.10	2	11:23	0.053	1.230
J-891	19.85	5.69	2	11:38	0.035	1.155
J-892	19.53	6.10	2	11:40	0.042	1.041
J-894	21.10	4.52	2	11:18	0.052	1.344
J-896	21.25	4.71	2	10:47	0.071	1.390
J-899	18.56	19.36	2	11:26	0.260	1.123
J-903	17.16	23.28	3	04:53	0.515	0.473
J-910	0.00	3.08	0	00:00	0.000	0.000
J-912	0.00	4.05	0	00:00	0.000	0.000
J-917	0.05	13.92	1	18:08	0.003	0.001
J-918	4.77	10.22	1	18:08	0.109	0.001
J-920	0.00	28.01	0	00:00	0.000	0.005
J-934	18.56	21.39	2	10:44	0.214	0.883
J-951	7.63	11.03	2	18:23	0.219	0.005
J-953	7.70	11.04	0	10:58	0.272	0.030
J-954	10.88	15.24	2	08:28	0.459	0.036
J-958	45.18	58.14	0	06:19	5.749	2.850
J-96	13.13	6.64	2	11:41	0.028	0.475
J-963	23.10	12.28	3	04:52	0.548	2.881
J-99	17.72	4.13	2	11:46	0.057	1.438
JCT-24	0.72	27.08	3	03:35	0.114	0.049

JCT-26	2.41	47.09	2	15:00	0.064	0.391
JCT-26-WEIR	2.04	39.64	2	14:47	0.078	0.389
JCT-30	21.84	36.49	3	05:28	0.404	2.786
JCT-46	22.92	54.67	0	00:00	2.419	1.160
JCT-64	21.18	11.92	1	17:51	0.145	0.799

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
J-856-STORAGE-NEW	1.141	30.69	0.0	0.0	1.523	41	2 12:45	16.00

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
J-171	100.00	3.08	12.23	6.524
J-263	69.04	1.11	5.35	1.971
J-279	31.05	2.01	3.74	1.557
J-33A	44.56	1.46	2.82	1.743
J-386	22.40	1.50	1.70	0.918
J-442	99.99	4.22	12.64	9.775
J-561A	100.00	8.38	65.98	18.127
J-567A	17.91	2.68	2.82	1.352
J-582	97.97	1.07	5.00	2.460
J-605	99.24	1.29	6.83	2.594
J-671	99.92	2.40	6.92	5.432
J-694	98.84	0.21	9.20	0.436
J-703	100.00	2.79	11.93	5.807
J-909	96.13	0.19	4.41	0.424
J-911	96.90	0.37	7.94	0.857
J-913	92.08	0.00	11.11	0.005
J-919	99.13	1.12	11.87	2.211
J-920A	100.00	8.25	60.37	16.982
J-963A	78.97	0.09	8.11	0.179
J575A	96.29	0.83	61.46	1.822
OFALL-10	40.32	2.83	4.62	2.977
OFALL-12	25.82	2.09	2.84	1.495
OFALL-14	57.36	0.77	1.41	1.066
OFALL-16	80.50	1.73	3.85	3.270
OFALL-18	30.14	1.43	2.06	1.160
OFALL-20	42.07	0.85	1.44	0.930
OFALL-22	14.10	1.84	1.95	0.690
OFALL-24	0.00	0.00	0.00	0.000
OFALL-26	52.39	1.45	2.27	1.835
OFALL-28	22.80	3.25	3.79	2.047
OFALL-30	68.11	0.94	1.90	1.529
OFALL-32	43.17	1.28	2.27	1.429
OFALL-34	23.12	0.57	0.63	0.362
OFALL-36	30.46	0.95	1.21	0.760
OFALL-38	95.69	0.29	1.28	0.652
OFALL-40	97.63	0.84	1.28	1.674
OFALL-42	95.33	0.79	1.28	1.548
OFALL-44	100.00	3.14	3.30	6.616
OFALL-46	46.66	0.56	1.90	0.595

OFALL-48	52.16	0.67	2.84	0.790
OFALL-50	74.52	0.38	1.28	0.637
OFALL-52	71.49	1.18	1.28	1.760
OFALL-54	77.60	0.77	2.84	1.223
OFALL-66	93.41	2.17	3.79	4.573
WELL-2E	35.65	5.51	55.58	4.446
WELL-3	95.30	0.70	4.88	1.556
WELL-4	95.43	2.01	13.54	4.514
WELL-W-ENID-DR	95.64	2.68	3.79	5.474
System	68.69	84.71	267.90	136.784

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Link Flow Summary
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Link	Type	Maximum |Run Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Output Flow| CFS	Time of Max Occurrence days hr:min	Max/ Full Flow	Maximum |Veloc| ft/sec	Time of Max Occurrence days hr:min	Max/ Full Depth	Time of Max Occurrence days hr:min	Maximum Top Width ft
C-WELL3W	CONDUIT	4.88	0 00:01	4.87	0 00:01	1.01	5.73	0 00:01	1.00	0 00:01	0.42
C-WELL4E	CONDUIT	13.54	0 00:01	13.27	0 00:01	0.39	5.57	0 00:01	0.98	2 12:15	0.94
CDT-101	CONDUIT	20.50	2 10:36	17.24	2 10:28	4.01	2.90	2 10:36	1.00	2 07:42	3.00
CDT-103	CONDUIT	22.37	2 10:19	12.44	2 10:52	4.38	3.16	2 10:19	1.00	2 07:40	3.00
CDT-105	CONDUIT	21.96	2 10:44	11.99	2 11:11	4.30	3.11	2 10:44	1.00	2 07:43	3.00
CDT-107	CONDUIT	16.96	2 10:20	9.06	2 11:39	3.32	2.40	2 10:20	1.00	2 08:34	3.00
CDT-109	CONDUIT	19.78	2 10:36	15.74	0 12:03	3.87	2.80	2 10:36	1.00	0 05:38	3.00
CDT-11	CONDUIT	3.96	2 11:05	3.58	2 12:44	1.43	4.44	2 11:05	1.00	0 06:04	1.07
CDT-111	CONDUIT	25.46	2 07:31	14.68	3 05:44	4.98	3.60	2 07:31	1.00	0 05:39	3.00
CDT-113	CONDUIT	12.57	2 10:36	7.87	3 04:58	2.46	1.78	2 10:36	1.00	2 08:33	3.00
CDT-115	CONDUIT	27.14	2 10:33	16.71	2 11:01	2.47	2.16	2 10:33	1.00	2 06:21	4.00
CDT-121	CONDUIT	55.58	0 00:00	23.45	2 12:15	0.14	9.19	0 00:00	1.00	0 00:00	1.71
CDT-123	CONDUIT	24.68	3 01:22	14.64	3 04:43	4.83	7.52	0 06:32	1.00	0 11:09	3.00
CDT-125	CONDUIT	24.61	3 04:45	13.84	3 04:35	2.24	1.96	3 04:45	1.00	0 15:24	4.00
CDT-171	CONDUIT	17.87	0 13:06	16.38	1 05:06	0.18	2.15	0 00:28	1.00	0 06:13	4.00
CDT-173	CONDUIT	11.74	2 09:42	9.74	2 09:43	0.75	11.53	1 08:43	0.82	2 12:29	4.00
CDT-175	CONDUIT	4.60	2 11:53	4.13	2 11:55	0.30	5.44	0 08:20	0.86	2 12:15	4.00
CDT-177	CONDUIT	9.34	0 07:14	7.89	1 07:02	0.60	1.00	1 14:56	1.00	1 08:47	4.00
CDT-179	CONDUIT	8.54	2 15:21	4.83	0 23:29	0.55	0.68	2 15:21	1.00	0 09:15	4.00
CDT-181	CONDUIT	2.54	2 12:57	2.53	2 12:59	0.16	0.92	0 06:40	1.00	0 07:50	3.99
CDT-183	CONDUIT	26.25	2 09:16	13.66	2 09:49	1.69	2.09	2 09:16	1.00	0 07:03	4.00
CDT-185	CONDUIT	2.56	2 09:09	1.09	0 07:57	0.16	0.92	0 06:40	1.00	0 07:50	3.99
CDT-187	CONDUIT	18.36	1 20:27	14.61	2 09:49	1.18	1.46	1 20:27	1.00	0 06:38	4.00
CDT-189	CONDUIT	18.36	1 20:27	14.61	2 09:49	1.18	1.46	1 20:27	1.00	0 06:38	4.00
CDT-191	CONDUIT	8.54	2 15:21	4.83	0 23:29	0.55	0.68	2 15:21	1.00	0 09:15	4.00
CDT-193	CONDUIT	26.28	3 05:25	16.20	3 05:14	1.69	2.09	3 05:25	1.00	2 06:46	4.00
CDT-195	CONDUIT	18.29	3 04:32	16.38	3 04:12	1.18	3.03	0 00:01	1.00	0 05:17	3.99
CDT-197	CONDUIT	33.37	3 03:39	24.50	3 04:01	2.14	2.66	3 03:39	1.00	2 09:12	4.00
CDT-199	CONDUIT	26.38	3 03:14	19.78	2 11:58	1.70	2.10	3 03:14	1.00	2 10:41	4.00
CDT-201	CONDUIT	25.43	3 03:41	20.35	3 03:41	1.63	2.02	3 03:41	1.00	2 10:16	4.00
CDT-205	CONDUIT	9.38	3 03:15	7.38	3 02:41	0.01	0.87	3 03:15	0.90	2 15:19	4.00
CDT-207	CONDUIT	32.52	3 02:53	21.69	3 01:07	2.09	2.59	3 02:53	1.00	2 09:51	4.00
CDT-209	CONDUIT	24.86	2 18:32	14.41	2 14:06	1.60	1.98	2 18:32	1.00	0 20:59	4.00
CDT-211	CONDUIT	23.08	2 18:32	16.38	2 14:06	1.48	1.84	2 18:32	1.00	0 20:59	4.00
CDT-213	CONDUIT	25.92	2 11:40	15.49	1 17:09	1.67	2.06	2 11:40	1.00	0 18:30	4.00
CDT-215	CONDUIT	11.46	2 21:21	11.37	2 21:21	0.01	1.01	2 21:21	0.97	2 13:23	4.00
CDT-217	CONDUIT	9.52	3 04:13	7.40	2 11:55	0.01	0.98	3 05:06	0.90	2 14:12	4.00

CDT-219	CONDUIT	8.63	2	11:56	7.51	3	04:00	0.01	0.84	2	11:56	0.92	2	14:09	4.00
CDT-221	CONDUIT	27.03	2	23:34	12.30	2	23:29	1.74	2.15	2	23:34	1.00	2	09:57	4.00
CDT-223	CONDUIT	24.37	3	04:04	17.64	3	04:12	1.57	1.94	3	04:04	1.00	2	10:40	4.00
CDT-225	CONDUIT	20.60	3	00:59	14.06	3	01:15	1.32	1.64	3	00:59	1.00	2	09:49	4.00
CDT-227	CONDUIT	31.31	3	04:12	22.61	3	04:37	2.01	2.49	3	04:12	1.00	2	10:23	4.00
CDT-229	CONDUIT	20.88	3	05:48	15.09	3	05:48	1.34	1.66	3	05:48	1.00	2	09:05	4.00
CDT-231	CONDUIT	23.38	3	04:30	15.10	3	05:48	1.50	1.86	3	04:30	1.00	2	09:05	4.00
CDT-233	CONDUIT	22.30	2	09:03	15.80	2	09:17	1.43	1.77	2	09:03	1.00	2	09:03	4.00
CDT-235	CONDUIT	11.73	3	05:02	10.71	3	05:28	0.01	1.17	3	05:50	0.91	2	16:31	4.00
CDT-237	CONDUIT	6.15	3	04:43	6.09	3	05:43	0.01	0.87	2	10:20	0.91	2	16:31	4.00
CDT-239	CONDUIT	26.67	2	10:46	18.02	2	10:21	1.71	2.12	2	10:46	1.00	2	08:27	4.00
CDT-241	CONDUIT	20.92	3	05:48	15.09	3	05:48	1.34	1.66	3	05:48	1.00	2	09:05	4.00
CDT-243	CONDUIT	7.67	2	12:14	7.48	2	12:18	0.01	0.90	2	11:15	0.91	2	16:30	4.00
CDT-245	CONDUIT	7.37	2	11:15	5.78	2	11:38	0.01	0.90	2	11:15	0.92	2	16:35	4.00
CDT-247	CONDUIT	26.24	3	04:44	17.30	3	05:29	1.69	2.09	3	04:44	1.00	2	09:04	4.00
CDT-249	CONDUIT	23.15	2	11:26	15.47	2	11:27	1.49	1.84	2	11:26	1.00	2	09:01	4.00
CDT-251	CONDUIT	18.15	3	01:23	11.56	2	11:39	1.17	1.44	3	01:23	1.00	2	09:31	4.00
CDT-253	CONDUIT	25.63	3	04:09	15.10	3	04:37	1.65	2.04	3	04:09	1.00	2	10:28	4.00
CDT-255	CONDUIT	25.29	2	10:42	13.74	2	10:27	1.63	2.01	2	10:42	1.00	2	08:25	4.00
CDT-257	CONDUIT	25.29	2	10:42	13.74	2	10:27	1.63	2.01	2	10:42	1.00	2	08:25	4.00
CDT-259	CONDUIT	26.27	3	03:44	19.39	3	03:41	1.69	2.09	3	03:44	1.00	2	09:39	4.00
CDT-261	CONDUIT	36.20	3	00:22	24.38	3	03:40	2.33	2.88	3	00:22	1.00	2	09:04	4.00
CDT-263	CONDUIT	17.64	2	11:50	14.85	2	11:54	1.13	1.40	2	11:50	1.00	2	10:57	4.00
CDT-265	CONDUIT	23.02	3	02:27	20.80	2	00:40	1.48	2.04	1	00:39	1.00	1	00:25	4.00
CDT-267	CONDUIT	23.02	3	02:27	20.80	2	00:40	1.48	2.04	1	00:39	1.00	1	00:25	4.00
CDT-269	CONDUIT	16.43	3	03:06	10.55	2	12:05	1.06	1.31	3	03:06	1.00	2	11:58	4.00
CDT-271	CONDUIT	21.92	3	03:54	11.47	3	02:43	1.41	1.74	3	03:54	1.00	2	11:14	4.00
CDT-273	CONDUIT	30.37	0	10:42	21.20	3	04:12	1.95	2.42	0	10:42	1.00	0	08:23	4.00
CDT-275	CONDUIT	20.63	3	04:42	13.62	2	11:33	1.33	1.64	3	04:42	1.00	2	09:29	4.00
CDT-277	CONDUIT	27.63	3	02:40	13.76	2	11:53	1.78	5.45	0	03:48	1.00	2	11:09	4.00
CDT-279	CONDUIT	9.22	3	04:12	8.86	0	09:27	0.01	1.38	0	09:27	0.95	2	13:33	4.00
CDT-281	CONDUIT	10.57	3	03:04	6.76	3	02:37	0.01	1.05	3	03:04	1.00	2	14:13	4.00
CDT-283	CONDUIT	31.99	2	11:15	18.77	3	05:08	2.06	2.55	2	11:15	1.00	2	09:39	4.00
CDT-285	CONDUIT	18.10	3	04:12	16.67	3	04:12	1.16	1.44	3	04:12	1.00	2	10:57	4.00
CDT-287	CONDUIT	8.86	3	03:42	3.50	3	04:21	0.57	0.71	3	03:42	1.00	2	10:55	4.00
CDT-289	CONDUIT	31.02	3	02:15	13.26	3	02:02	1.99	2.47	3	02:15	1.00	2	10:35	4.00
CDT-291	CONDUIT	33.43	1	20:05	25.14	0	14:52	2.15	2.66	1	20:05	1.00	0	06:05	4.00
CDT-293	CONDUIT	34.77	3	02:20	20.88	2	23:27	2.23	2.77	3	02:20	1.00	2	11:13	4.00
CDT-295	CONDUIT	27.27	0	12:39	21.86	2	07:52	1.75	2.25	0	01:04	1.00	0	05:39	4.00
CDT-297	CONDUIT	22.28	2	10:44	14.85	2	10:01	1.43	1.77	2	10:44	1.00	2	09:00	4.00
CDT-299	CONDUIT	15.69	3	01:33	8.90	2	09:50	6.40	4.99	3	01:33	1.00	0	05:14	2.00
CDT-439	CONDUIT	12.21	1	17:52	8.84	1	20:16	18.28	3.89	1	17:52	1.00	0	17:08	2.00
CDT-525	CONDUIT	108.81	0	06:19	65.30	0	06:14	6.99	8.66	0	06:19	1.00	0	06:06	1.93
CDT-539	CONDUIT	31.45	3	04:11	29.42	2	10:05	1.15	4.45	3	04:11	1.00	0	05:56	3.00
CDT-87	CONDUIT	14.42	2	12:17	14.30	2	12:14	1.13	5.40	2	12:17	0.41	2	12:17	3.00
CDT-91	CONDUIT	2.44	2	20:30	2.17	2	12:46	0.48	0.35	2	20:30	1.00	0	15:27	3.00
CDT-93	CONDUIT	24.98	2	10:32	13.61	2	07:55	4.89	3.54	0	15:40	1.00	1	02:18	3.00
CDT-95	CONDUIT	16.55	2	11:41	12.14	2	11:42	3.24	2.34	2	11:41	1.00	2	07:34	3.00
CDT-97	CONDUIT	20.18	2	10:12	16.17	3	03:41	3.95	2.85	2	10:12	1.00	2	07:34	3.00
CDT-99	CONDUIT	15.67	2	07:27	8.43	2	08:12	3.07	2.22	2	07:27	1.00	1	08:08	3.00
J-963_OUTFALL	CONDUIT	8.11	0	00:00	3.01	2	12:56	23.33	8.07	0	00:00	1.00	0	00:00	0.31
J561_OUTFALL	CONDUIT	65.98	0	00:00	21.33	2	12:14	20.28	14.66	0	00:00	1.00	0	00:00	0.94
J575_OUTFALL	CONDUIT	61.46	0	00:00	9.53	2	12:16	18.89	13.80	0	00:00	1.00	0	00:00	0.94
J920_OUTFALL	CONDUIT	60.37	0	00:00	13.35	2	09:40	18.55	13.47	0	00:00	1.00	0	00:00	0.94
LINK-WELL-2	CONDUIT	13.00	3	03:28	11.26	2	12:15	1.82	4.14	3	03:28	1.00	0	06:17	0.78
U-1	CONDUIT	12.44	3	05:55	8.42	3	05:10	13.98	2.75	3	05:55	1.00	0	07:36	2.40
U-100	CONDUIT	3.39	0	23:37	2.80	1	22:56	19.11	2.47	0	00:03	1.00	0	00:04	1.33
U-101	CONDUIT	6.74	2	15:12	6.05	2	14:19	25.97	4.83	2	15:12	1.00	0	00:02	1.33
U-102	CONDUIT	4.35	2	12:11	3.99	2	12:14	23.30	3.63	0	00:02	1.00	0	00:04	1.27
U-103	CONDUIT	7.10	2	13:49	6.40	2	13:37	35.41	5.09	2	13:49	1.00	0	00:02	1.19
U-104	CONDUIT	5.07	2	12:11	3.98	2	12:14	38.99	9.30	2	12:11	1.00	0	00:01	0.33

U-105	CONDUIT	10.26	2	12:11	8.86	2	12:12	20.28	5.80	2	12:11	1.00	0	00:01	1.44
U-106	CONDUIT	12.23	2	12:13	11.60	2	12:15	2.10	6.08	2	12:13	1.00	0	00:01	0.63
U-11	CONDUIT	18.61	3	05:37	16.16	3	05:44	10.54	5.92	3	05:37	1.00	0	07:45	2.00
U-110	CONDUIT	9.92	1	02:06	7.45	1	21:30	15.83	4.93	1	02:06	1.00	0	01:22	1.60
U-112	CONDUIT	14.30	3	04:39	9.93	3	04:58	18.65	7.11	3	04:39	1.00	0	01:22	1.60
U-113	CONDUIT	8.97	2	12:15	8.97	2	12:15	76.15	8.00	2	12:15	1.00	0	05:46	1.20
U-114	CONDUIT	6.80	3	05:00	6.37	3	05:00	27.49	3.38	3	05:00	1.00	0	01:22	1.60
U-118	CONDUIT	5.26	2	09:35	2.80	2	11:57	17.42	4.65	2	09:35	1.00	0	05:47	1.20
U-121	CONDUIT	3.58	2	11:50	2.79	2	11:54	13.40	1.78	2	11:50	1.00	0	05:58	1.60
U-122	CONDUIT	5.44	3	03:55	3.89	0	06:22	11.50	2.71	3	03:55	1.00	0	05:58	1.60
U-125	CONDUIT	4.71	2	11:29	3.09	2	11:51	9.03	2.07	0	15:01	1.00	0	06:12	2.00
U-129	CONDUIT	8.03	3	03:55	4.58	3	03:56	18.95	7.10	3	03:55	1.00	0	06:00	1.20
U-13	CONDUIT	6.78	3	04:39	6.41	3	04:37	24.05	3.37	3	04:39	1.00	0	07:05	1.60
U-131	CONDUIT	4.16	3	03:57	3.48	3	03:58	31.55	3.67	3	03:57	1.00	0	06:00	1.20
U-141	CONDUIT	3.76	1	17:08	2.59	1	21:20	24.17	3.32	1	17:08	1.00	0	16:46	1.20
U-142	CONDUIT	3.16	1	22:53	2.66	2	02:55	20.81	2.79	1	22:53	1.00	0	16:46	1.20
U-147	CONDUIT	2.98	2	05:16	2.44	1	19:49	24.31	2.64	2	05:16	1.00	0	16:46	1.20
U-15	CONDUIT	3.93	2	12:02	3.69	2	12:08	1.31	3.47	2	12:02	1.00	0	07:19	1.20
U-150	CONDUIT	3.18	2	12:25	3.18	2	12:25	24.12	2.81	2	12:25	1.00	0	16:46	1.20
U-153	CONDUIT	3.88	2	10:36	3.03	1	20:24	16.73	3.43	2	10:36	1.00	0	16:46	1.20
U-155	CONDUIT	6.01	2	10:19	4.74	2	06:42	13.47	5.32	2	10:19	1.00	0	16:46	1.20
U-156	CONDUIT	3.73	2	07:14	2.91	2	07:38	26.31	3.30	2	07:14	1.00	0	16:46	1.20
U-158	CONDUIT	4.58	2	09:29	3.63	2	07:33	16.63	4.05	2	09:29	1.00	0	16:46	1.20
U-16	CONDUIT	5.25	3	03:51	4.98	3	03:19	19.13	2.61	3	03:51	1.00	0	08:50	1.60
U-160	CONDUIT	3.42	2	04:35	3.14	2	00:52	15.85	1.94	2	04:35	1.00	0	17:10	1.50
U-161	CONDUIT	2.79	1	19:13	2.79	1	19:13	25.97	2.94	1	19:13	1.00	0	15:40	1.20
U-165	CONDUIT	2.99	3	01:20	2.20	1	22:44	20.10	2.64	3	01:20	1.00	0	16:27	1.20
U-167	CONDUIT	2.97	3	01:20	2.48	3	01:01	23.69	2.63	3	01:20	1.00	0	16:27	1.20
U-17	CONDUIT	19.79	2	11:59	14.37	3	03:28	0.27	2.80	2	11:59	1.00	2	07:27	3.00
U-171	CONDUIT	2.70	2	10:23	2.01	2	07:53	21.99	2.39	2	10:23	1.00	0	16:27	1.20
U-172	CONDUIT	3.95	3	00:35	3.47	3	00:29	31.47	3.50	3	00:35	1.00	0	16:27	1.20
U-176	CONDUIT	4.26	2	10:36	3.92	2	10:22	28.22	3.76	2	10:36	1.00	0	16:26	1.20
U-177	CONDUIT	7.62	2	08:31	6.19	2	08:32	17.53	4.04	2	08:31	1.00	0	17:31	1.60
U-18	CONDUIT	5.93	3	04:13	4.26	3	03:41	17.44	5.25	3	04:13	1.00	0	08:09	1.20
U-181	CONDUIT	9.83	2	08:31	6.56	2	07:11	39.20	5.06	2	08:31	1.00	0	17:02	1.60
U-184	CONDUIT	11.53	3	04:53	9.95	1	20:54	26.17	5.97	2	07:49	1.00	0	17:01	1.60
U-186	CONDUIT	11.23	2	05:59	9.82	1	16:17	66.70	9.93	2	05:59	1.00	0	16:25	1.20
U-191	CONDUIT	7.04	1	23:29	6.26	2	02:55	47.61	6.23	1	23:29	1.00	0	16:26	1.20
U-193	CONDUIT	8.37	2	04:07	6.75	1	23:30	24.18	7.40	2	04:07	1.00	0	16:25	1.20
U-195	CONDUIT	7.59	1	22:26	6.75	1	23:30	25.15	6.71	1	22:26	1.00	0	16:25	1.20
U-196	CONDUIT	6.95	1	22:26	6.73	1	22:26	47.99	6.15	1	22:26	1.00	0	16:24	1.20
U-197	CONDUIT	19.23	1	14:08	13.02	1	15:00	22.87	9.56	1	14:08	1.00	0	16:31	1.60
U-199	CONDUIT	18.08	1	16:21	13.47	1	17:27	24.31	8.99	1	16:21	1.00	0	16:31	1.60
U-20	CONDUIT	3.20	3	04:50	3.04	3	04:10	22.94	2.83	3	04:50	1.00	0	08:10	1.20
U-200	CONDUIT	14.05	1	10:38	11.99	1	10:39	32.58	7.08	1	10:38	1.00	0	16:29	1.60
U-201	CONDUIT	23.22	1	17:07	21.48	1	22:38	32.92	7.39	1	17:07	1.00	0	16:31	2.00
U-202	CONDUIT	31.39	0	22:54	26.74	1	18:53	33.22	9.99	0	22:54	1.00	0	16:32	2.00
U-203	CONDUIT	14.76	0	16:30	13.27	0	16:30	58.14	13.05	0	16:30	1.00	0	16:23	1.20
U-204	CONDUIT	6.45	1	01:10	5.27	2	01:31	18.35	5.70	1	01:10	1.00	0	16:23	1.20
U-206	CONDUIT	8.57	1	09:08	7.62	1	12:00	44.48	7.57	1	09:08	1.00	0	16:24	1.20
U-207	CONDUIT	5.11	1	17:25	4.65	0	21:34	23.18	4.52	1	17:25	1.00	0	16:24	1.20
U-208	CONDUIT	5.29	1	09:10	4.06	3	00:08	20.34	4.68	1	09:10	1.00	0	16:24	1.20
U-211	CONDUIT	4.10	3	00:20	3.81	2	05:09	28.34	3.63	3	00:20	1.00	0	16:24	1.20
U-213	CONDUIT	4.37	3	00:20	3.94	2	15:33	20.93	3.56	3	00:20	1.00	0	16:29	1.25
U-214	CONDUIT	3.74	2	13:39	3.74	2	13:39	0.07	1.58	2	13:39	0.71	2	13:39	1.89
U-22	CONDUIT	5.35	3	04:29	4.42	3	05:42	28.75	4.73	3	04:29	1.00	0	08:13	1.20
U-220	CONDUIT	23.61	1	16:40	23.61	1	16:40	41.21	7.52	1	16:40	1.00	0	16:08	2.00
U-221	CONDUIT	12.38	1	18:18	8.82	2	03:55	25.65	10.95	1	18:18	1.00	0	12:20	1.20
U-227	CONDUIT	5.69	2	00:24	3.82	1	10:31	26.21	5.03	2	00:24	1.00	0	16:25	1.20
U-228	CONDUIT	4.87	1	23:31	3.23	2	04:34	36.62	4.31	1	23:31	1.00	0	16:25	1.20
U-231	CONDUIT	18.74	1	16:33	10.07	1	21:19	13.37	5.97	1	16:33	1.00	0	17:07	2.00

U-232	CONDUIT	10.54	1	22:03	8.93	2	03:55	1.34	5.24	1	22:03	1.00	0	16:31	1.60
U-233	CONDUIT	6.75	1	18:53	4.96	2	03:55	56.21	5.97	1	18:53	1.00	0	16:28	1.20
U-237	CONDUIT	9.24	1	17:25	7.15	1	17:09	21.68	2.94	1	17:25	1.00	0	17:10	2.00
U-239	CONDUIT	11.06	1	22:04	9.30	1	23:30	45.98	5.50	1	22:04	1.00	0	16:56	1.60
U-240	CONDUIT	6.58	2	05:12	6.13	1	23:59	52.63	5.82	2	05:12	1.00	0	16:44	1.20
U-242	CONDUIT	8.37	3	02:31	5.78	3	02:36	9.15	4.16	3	02:31	1.00	0	17:08	1.60
U-244	CONDUIT	4.97	3	04:29	4.38	3	03:45	39.55	4.40	3	04:29	1.00	0	16:45	1.20
U-245	CONDUIT	4.23	3	02:31	3.25	3	02:33	26.92	3.74	3	02:31	1.00	0	16:44	1.20
U-249	CONDUIT	3.82	3	05:43	3.52	3	05:44	23.15	3.38	3	05:43	1.00	0	16:44	1.20
U-25	CONDUIT	8.76	3	05:38	6.22	3	04:59	17.10	7.74	3	05:38	1.00	0	08:13	1.20
U-251	CONDUIT	5.25	3	05:49	3.16	3	03:06	18.64	4.64	3	05:49	1.00	0	16:44	1.20
U-253	CONDUIT	3.19	3	05:36	2.81	3	04:35	38.10	4.07	3	05:36	1.00	0	15:39	1.00
U-254	CONDUIT	8.89	2	11:15	5.69	2	07:09	20.39	7.86	2	11:15	1.00	0	15:40	1.20
U-256	CONDUIT	31.32	0	15:45	14.17	0	15:40	13.31	8.57	0	15:45	1.00	0	17:50	2.40
U-259	CONDUIT	10.48	1	18:53	4.74	1	01:27	37.23	9.87	1	18:53	1.00	0	16:28	1.20
U-26	CONDUIT	3.68	2	12:01	3.38	2	12:03	27.29	3.26	2	12:01	1.00	0	08:13	1.20
U-260	CONDUIT	4.46	1	17:51	4.37	1	18:54	61.44	5.67	1	17:51	1.00	0	16:27	1.00
U-261	CONDUIT	3.31	2	10:27	2.57	2	13:25	5.30	5.38	2	05:38	0.72	2	13:53	1.40
U-262-NEW	CONDUIT	5.35	2	13:57	5.35	2	13:57	18.24	6.89	2	13:57	1.00	1	08:27	1.00
U-263	CONDUIT	5.35	2	13:58	5.35	2	13:57	0.70	6.81	2	13:58	1.00	1	08:03	0.39
U-265	CONDUIT	2.57	2	13:24	2.57	2	13:25	0.23	5.06	0	16:01	0.85	2	13:30	1.20
U-267	CONDUIT	2.89	2	20:25	2.62	1	22:48	19.82	2.55	2	20:25	1.00	0	15:31	1.20
U-270	CONDUIT	3.60	0	15:46	2.90	0	15:43	21.07	3.19	0	15:46	1.00	0	15:31	1.20
U-271	CONDUIT	2.97	1	15:27	2.59	0	23:57	20.33	2.63	1	15:27	1.00	0	15:31	1.20
U-274	CONDUIT	6.11	3	05:41	3.79	3	03:58	18.77	5.40	3	05:41	1.00	0	08:09	1.20
U-277	CONDUIT	2.65	3	04:10	2.34	3	04:10	19.46	2.34	3	04:10	1.00	0	08:09	1.20
U-28	CONDUIT	3.78	3	04:40	2.78	3	04:02	19.62	3.34	3	04:40	1.00	0	08:12	1.20
U-280	CONDUIT	3.33	3	04:55	2.73	3	05:00	33.74	2.94	3	04:55	1.00	0	05:19	1.20
U-286	CONDUIT	2.97	2	10:28	2.43	3	05:18	26.21	2.62	2	10:28	1.00	0	05:03	1.20
U-289	CONDUIT	3.45	3	05:09	2.83	3	05:09	30.28	3.05	3	05:09	1.00	0	05:02	1.20
U-29	CONDUIT	2.81	2	11:56	2.79	2	11:56	19.77	2.48	2	11:56	1.00	0	08:11	1.20
U-290	CONDUIT	3.35	3	04:53	2.56	3	05:01	22.00	2.96	3	04:53	1.00	0	05:04	1.20
U-291	CONDUIT	4.23	2	10:28	3.85	3	04:23	26.96	3.74	2	10:28	1.00	0	05:17	1.20
U-293	CONDUIT	7.01	3	03:40	5.41	3	03:41	20.03	6.20	3	03:40	1.00	0	05:01	1.20
U-294	CONDUIT	5.30	3	05:16	4.52	3	05:12	38.23	4.68	3	05:16	1.00	0	05:17	1.20
U-295	CONDUIT	8.27	2	10:11	6.83	3	04:55	24.46	7.31	2	10:11	1.00	0	05:17	1.20
U-298	CONDUIT	6.69	3	04:55	6.56	3	04:55	21.27	5.91	3	04:55	1.00	0	05:17	1.20
U-299	CONDUIT	6.38	3	04:43	3.78	0	10:17	19.13	5.64	3	04:43	1.00	0	05:17	1.20
U-300	CONDUIT	6.93	3	03:29	3.81	3	05:02	17.74	6.13	3	03:29	1.00	0	05:17	1.20
U-304	CONDUIT	2.71	3	04:41	2.34	3	04:49	55.93	5.40	3	04:41	1.00	0	04:35	0.80
U-308	CONDUIT	3.05	3	03:41	2.61	3	03:39	23.45	2.69	3	03:41	1.00	0	05:21	1.20
U-308A	CONDUIT	4.22	3	04:55	3.04	1	10:55	17.21	3.73	3	04:55	1.00	0	05:20	1.20
U-309	CONDUIT	5.08	3	05:04	3.67	3	05:05	35.22	4.50	3	05:04	1.00	0	05:17	1.20
U-312	CONDUIT	3.84	3	04:29	3.19	2	11:10	33.58	3.39	3	04:29	1.00	2	07:44	1.20
U-315	CONDUIT	3.63	2	01:40	3.17	3	04:21	21.09	3.21	2	01:40	1.00	0	05:29	1.20
U-316	CONDUIT	5.50	2	06:22	4.92	2	09:09	23.02	4.86	2	06:22	1.00	0	05:29	1.20
U-319	CONDUIT	4.36	2	09:58	3.87	3	04:27	15.31	2.17	2	09:58	1.00	0	06:01	1.60
U-322	CONDUIT	4.49	2	11:40	3.94	3	04:48	15.66	2.23	2	11:40	1.00	0	06:14	1.60
U-325	CONDUIT	6.56	3	03:43	5.52	1	19:54	25.17	3.65	1	19:54	1.00	0	06:13	1.60
U-327	CONDUIT	6.18	0	11:14	6.03	1	08:19	22.97	3.80	0	11:14	1.00	0	06:14	1.60
U-328	CONDUIT	8.01	1	12:22	7.68	2	05:36	18.77	3.87	1	12:22	1.00	0	06:34	2.00
U-330	CONDUIT	16.24	1	22:45	14.13	1	22:45	0.83	5.17	1	22:45	1.00	0	05:33	2.00
U-332	CONDUIT	14.47	1	22:45	13.70	1	20:21	1.37	7.20	1	22:45	1.00	0	05:17	1.60
U-335	CONDUIT	6.36	2	11:25	4.29	3	04:58	20.43	3.16	2	11:25	1.00	0	04:44	1.60
U-337	CONDUIT	10.32	3	01:50	6.30	1	22:03	0.44	3.29	3	01:50	1.00	0	05:16	2.00
U-34	CONDUIT	3.12	3	05:22	1.92	2	12:38	29.22	2.76	3	05:22	1.00	0	08:23	1.20
U-341	CONDUIT	12.19	1	23:02	11.33	1	19:54	45.14	6.06	1	23:02	1.00	0	04:04	1.60
U-344	CONDUIT	4.22	3	04:53	3.44	3	04:47	38.84	3.73	3	04:53	1.00	0	04:16	1.20
U-345	CONDUIT	3.75	3	04:48	3.10	3	05:02	1.50	3.32	3	04:48	1.00	0	05:17	1.20
U-346	CONDUIT	8.14	3	04:06	4.40	2	09:34	20.90	7.20	3	04:06	1.00	0	05:19	1.20
U-347	CONDUIT	3.72	3	04:26	3.06	3	03:55	35.26	3.29	3	04:26	1.00	0	05:20	1.20

U-348	CONDUIT	5.33	2	11:31	4.36	2	11:15	18.88	2.65	2	11:31	1.00	0	05:35	1.60
U-35	CONDUIT	2.81	2	09:20	2.34	2	12:04	24.77	2.49	2	09:20	1.00	0	08:28	1.20
U-351	CONDUIT	4.45	2	11:31	4.19	2	11:32	34.17	3.63	2	11:31	1.00	0	05:18	1.25
U-352	CONDUIT	2.05	2	08:53	1.57	2	11:16	16.07	1.81	2	08:53	1.00	0	01:32	1.20
U-353	CONDUIT	5.68	3	04:42	3.60	2	11:49	18.35	5.02	3	04:42	1.00	0	01:32	1.20
U-354	CONDUIT	5.66	2	11:34	3.67	3	05:03	16.55	2.82	2	11:34	1.00	0	05:26	1.60
U-357	CONDUIT	5.13	3	05:08	3.28	3	05:08	17.96	2.55	3	05:08	1.00	0	05:27	1.60
U-358	CONDUIT	8.55	3	05:10	5.05	2	02:24	27.36	7.56	3	05:10	1.00	0	04:16	1.20
U-364	CONDUIT	4.41	3	03:46	4.03	3	02:23	39.00	3.90	3	03:46	1.00	0	07:07	1.20
U-364A	CONDUIT	13.05	3	02:03	8.65	3	02:11	4.19	1.10	0	06:48	1.00	0	15:24	4.00
U-366	CONDUIT	2.43	3	04:38	1.87	2	14:35	23.54	2.15	3	04:38	1.00	0	05:23	1.20
U-37	CONDUIT	5.75	2	10:49	4.66	2	10:05	12.83	5.09	2	10:49	1.00	0	08:28	1.20
U-372	CONDUIT	2.28	2	10:28	1.90	2	14:15	20.49	2.01	2	10:28	1.00	0	05:23	1.20
U-373	CONDUIT	3.70	3	04:48	3.10	3	04:49	21.47	3.27	3	04:48	1.00	0	04:14	1.20
U-376	CONDUIT	4.92	2	11:00	3.21	2	13:04	0.63	4.35	2	11:00	1.00	0	05:21	1.20
U-379	CONDUIT	3.11	2	11:34	2.63	2	12:32	27.80	2.75	2	11:34	1.00	0	05:23	1.20
U-38	CONDUIT	15.50	2	10:56	13.60	2	10:56	9.28	4.93	2	10:56	1.00	1	07:20	2.00
U-382	CONDUIT	3.26	2	11:05	2.23	2	10:59	11.28	1.62	2	11:05	1.00	0	06:09	1.60
U-385	CONDUIT	3.34	2	11:01	2.02	3	02:22	12.34	1.66	2	11:01	1.00	0	06:09	1.60
U-386	CONDUIT	6.84	3	01:30	5.65	3	02:10	12.22	3.87	3	01:30	1.00	0	04:50	1.50
U-388	CONDUIT	6.59	3	03:04	4.39	3	04:32	17.88	3.73	3	03:04	1.00	0	05:58	1.50
U-390	CONDUIT	8.40	3	02:31	5.51	3	01:56	12.66	4.75	3	02:31	1.00	0	05:58	1.50
U-391	CONDUIT	5.58	3	02:31	3.72	3	02:32	0.55	2.77	3	02:31	1.00	0	06:09	1.60
U-392	CONDUIT	7.25	2	10:38	4.28	2	12:08	0.44	3.61	2	10:38	1.00	0	06:09	1.60
U-394	CONDUIT	4.40	3	04:12	3.88	3	03:37	1.15	3.89	3	04:12	1.00	0	05:21	1.20
U-397	CONDUIT	4.46	3	02:53	3.92	3	03:03	42.55	3.94	3	02:53	1.00	0	04:56	1.20
U-398	CONDUIT	12.79	3	01:30	7.19	1	16:55	13.03	2.83	3	01:30	1.00	1	18:27	2.40
U-399	CONDUIT	6.28	2	05:18	5.99	1	20:22	48.33	5.76	2	05:18	1.00	0	02:36	1.20
U-402	CONDUIT	3.74	3	03:26	2.85	3	03:11	28.96	3.31	3	03:26	1.00	0	04:44	1.20
U-404	CONDUIT	4.82	3	02:39	3.44	3	02:43	18.22	4.26	3	02:39	1.00	0	04:44	1.20
U-406	CONDUIT	3.71	3	02:43	3.16	3	02:44	27.56	3.02	3	02:43	1.00	0	04:52	1.25
U-407	CONDUIT	22.92	0	09:27	22.32	0	10:43	54.79	18.67	0	09:27	1.00	0	07:14	1.25
U-408	CONDUIT	6.26	0	17:13	5.59	0	16:15	9.21	5.10	0	17:13	1.00	0	07:14	1.23
U-409	CONDUIT	8.95	1	10:26	7.07	3	04:16	3.37	5.06	1	10:26	1.00	0	07:22	1.50
U-411	CONDUIT	7.51	1	01:27	6.37	0	14:40	28.69	4.25	1	01:27	1.00	0	07:21	1.50
U-412	CONDUIT	6.15	0	10:59	4.55	0	21:31	1.12	3.48	0	10:59	1.00	0	08:42	1.45
U-413	CONDUIT	7.65	0	17:21	5.99	3	04:43	14.01	4.33	0	17:21	1.00	0	00:22	1.50
U-414	CONDUIT	4.57	3	04:47	4.23	3	04:47	31.96	4.04	3	04:47	1.00	0	00:22	1.20
U-415	CONDUIT	5.78	2	10:50	4.36	3	03:41	28.99	6.28	2	10:50	1.00	0	00:21	1.08
U-416	CONDUIT	3.13	3	03:57	3.05	3	03:55	45.97	3.40	3	03:57	1.00	0	00:21	1.08
U-417	CONDUIT	5.63	2	10:27	4.56	2	10:27	1.02	4.11	0	00:22	1.00	2	11:56	3.83
U-418	CONDUIT	13.62	3	00:28	12.63	3	00:49	10.39	3.34	0	00:02	1.00	0	00:09	3.19
U-419	CONDUIT	12.64	3	00:28	12.46	2	14:22	1.92	16.10	3	00:28	1.00	0	00:01	0.39
U-420	CONDUIT	6.98	2	11:54	5.86	2	10:39	24.49	6.17	2	11:54	1.00	0	23:37	1.20
U-421	CONDUIT	8.04	2	10:30	6.62	2	07:38	5.67	1.78	2	10:30	1.00	1	19:54	2.40
U-423	CONDUIT	6.93	3	00:56	4.62	2	11:53	8.08	1.53	3	00:56	1.00	1	19:54	2.40
U-428	CONDUIT	7.61	2	18:51	5.40	3	00:32	10.40	1.68	2	18:51	1.00	1	19:55	2.40
U-430	CONDUIT	9.87	2	12:04	8.91	2	12:04	16.52	2.18	2	12:04	1.00	1	19:55	2.40
U-434	CONDUIT	7.87	2	12:02	6.29	2	12:09	10.10	1.74	2	12:02	1.00	1	19:54	2.40
U-437	CONDUIT	7.76	2	11:54	6.06	2	11:53	30.24	3.86	2	11:54	1.00	1	02:21	1.60
U-439	CONDUIT	11.17	2	11:59	9.55	2	11:52	29.79	5.55	2	11:59	1.00	0	04:49	1.60
U-44	CONDUIT	18.98	2	13:38	15.23	2	14:39	3.67	6.04	2	13:38	1.00	0	04:38	2.00
U-440	CONDUIT	10.97	2	18:37	10.52	2	18:29	1.61	5.46	2	18:37	1.00	0	05:31	1.60
U-441	CONDUIT	10.63	2	18:55	9.52	2	17:13	1.76	5.29	2	18:55	1.00	0	05:41	1.60
U-443	CONDUIT	16.35	2	05:13	11.18	0	08:50	4.55	8.37	2	05:13	1.00	0	05:46	1.60
U-445	CONDUIT	21.19	1	19:27	16.51	1	09:15	2.16	6.74	1	19:27	1.00	0	05:46	2.00
U-447	CONDUIT	23.14	2	01:28	16.45	2	01:29	1.17	7.37	2	01:28	1.00	0	05:17	2.00
U-448	CONDUIT	19.00	2	01:28	15.53	2	01:29	1.75	9.45	2	01:28	1.00	0	05:21	1.60
U-449	CONDUIT	21.75	1	09:14	18.22	0	08:40	1.84	6.92	1	09:14	1.00	0	05:46	2.00
U-45	CONDUIT	10.23	2	13:47	6.87	1	21:59	1.98	3.26	2	13:47	1.00	0	04:43	2.00
U-450	CONDUIT	30.54	3	04:54	23.02	3	05:07	1.55	9.83	3	04:54	1.00	0	05:46	1.99

U-451	CONDUIT	23.71	2	01:28	22.76	1	04:33	2.95	7.55	2	01:28	1.00	0	05:56	1.99
U-452	CONDUIT	27.30	0	08:38	25.19	0	17:28	5.30	8.84	0	08:38	1.00	0	05:55	2.00
U-454	CONDUIT	46.70	0	17:27	39.28	0	14:02	3.61	10.37	0	17:27	1.00	0	05:59	2.39
U-456	CONDUIT	69.92	0	10:11	67.10	2	10:13	2.95	9.89	0	10:11	1.00	0	06:16	3.00
U-463	CONDUIT	58.98	3	04:10	58.21	3	04:11	1.02	9.58	3	04:10	1.00	0	06:15	2.80
U-464	CONDUIT	126.16	2	06:02	108.46	2	11:45	2.16	10.42	2	06:02	1.00	0	06:01	4.00
U-466	CONDUIT	18.27	1	04:42	17.22	0	14:32	1.70	9.08	1	04:42	1.00	0	05:44	1.60
U-468	CONDUIT	18.46	1	18:21	18.37	0	17:08	0.77	9.25	1	18:21	1.00	0	06:04	1.60
U-468-NEW	CONDUIT	19.47	0	12:49	18.77	0	13:28	3.38	5.25	0	13:28	1.00	0	06:12	2.32
U-469	CONDUIT	49.28	1	18:51	47.92	1	22:25	1.13	15.69	1	18:51	1.00	0	06:01	2.00
U-47	CONDUIT	4.62	2	13:43	4.39	2	16:34	4.85	5.01	2	13:43	1.00	0	04:09	1.08
U-48	CONDUIT	2.81	2	10:15	2.00	2	10:02	12.56	3.05	2	10:15	1.00	0	23:44	1.08
U-481	CONDUIT	4.17	3	04:17	4.17	3	04:17	48.86	6.45	0	06:08	1.00	0	06:08	1.00
U-483	CONDUIT	4.27	0	06:08	4.13	0	06:08	47.21	5.45	0	06:08	1.00	0	06:08	1.00
U-486	CONDUIT	11.17	0	06:11	9.47	1	23:09	3.18	3.69	0	06:11	1.00	0	06:11	1.06
U-489	CONDUIT	7.64	1	17:47	6.50	1	15:50	0.88	3.80	1	17:47	1.00	0	06:05	1.60
U-492	CONDUIT	8.69	3	00:29	7.65	3	02:17	10.35	2.77	3	00:29	1.00	0	05:14	2.00
U-495	CONDUIT	28.60	2	14:31	26.19	2	14:32	1.46	9.10	2	14:31	1.00	0	00:03	0.78
U-496	CONDUIT	32.02	2	21:58	25.54	2	16:51	20.18	7.08	2	21:58	1.00	0	00:04	2.03
U-497	CONDUIT	19.17	2	09:46	16.80	1	20:57	11.95	6.61	0	00:00	0.96	2	08:37	0.94
U-498	CONDUIT	17.96	2	09:35	16.82	0	08:23	18.33	4.84	2	09:35	1.00	3	05:07	1.38
U-5	CONDUIT	13.92	3	04:36	8.92	3	03:51	0.36	3.08	3	04:36	1.00	0	08:01	2.40
U-50	CONDUIT	2.08	2	10:33	1.37	3	06:00	21.46	2.26	2	10:33	1.00	0	23:44	1.08
U-500	CONDUIT	34.66	0	22:06	32.14	0	21:06	1.13	11.03	0	22:06	1.00	0	00:02	1.07
U-501	CONDUIT	29.11	2	16:23	25.22	2	17:35	29.67	6.44	2	16:23	1.00	0	00:04	2.27
U-502	CONDUIT	20.33	2	14:31	14.44	0	21:06	0.79	6.62	0	00:02	1.00	0	00:02	2.39
U-503	CONDUIT	15.84	2	16:53	13.11	3	01:18	0.79	5.04	2	16:53	1.00	0	06:23	1.86
U-507	CONDUIT	22.92	2	14:31	18.62	2	13:16	7.92	7.30	2	14:31	1.00	0	06:24	1.98
U-509	CONDUIT	34.41	2	16:22	27.49	2	13:38	0.40	4.28	2	16:22	1.00	0	06:25	3.20
U-513	CONDUIT	15.51	3	03:57	11.95	3	05:21	5.68	1.92	0	00:08	1.00	0	06:08	4.00
U-514	CONDUIT	7.92	3	03:42	7.23	3	04:40	1.59	5.67	3	03:42	1.00	0	05:56	1.33
U-518-NEW	CONDUIT	12.53	1	06:42	10.14	0	07:39	29.35	4.55	1	06:42	1.00	0	05:47	1.99
U-519-NEW	CONDUIT	33.11	0	06:12	32.07	1	04:55	0.60	2.64	0	06:12	1.00	0	06:12	4.00
U-522	CONDUIT	4.89	2	12:22	4.87	2	12:22	0.76	4.90	2	12:22	1.00	2	12:22	1.20
U-523	CONDUIT	21.58	3	01:31	18.23	3	03:02	12.73	4.40	3	01:31	1.00	2	06:47	2.50
U-524-NEW	CONDUIT	10.49	3	02:02	9.79	3	03:26	0.15	15.34	3	04:35	1.00	2	11:51	1.60
U-525	CONDUIT	12.20	3	04:03	7.91	2	15:26	31.66	8.74	3	04:03	1.00	2	11:49	1.31
U-526	CONDUIT	6.26	2	14:29	5.68	2	14:04	24.16	3.54	2	14:29	1.00	2	11:50	1.36
U-527	CONDUIT	3.74	2	14:06	3.33	2	14:04	26.29	3.31	2	14:06	1.00	2	11:49	0.76
U-53	CONDUIT	2.55	2	12:36	2.55	2	12:37	16.16	2.08	2	12:36	1.00	1	01:03	1.25
U-530	CONDUIT	10.82	2	12:20	9.17	2	12:13	0.32	2.39	2	12:20	1.00	2	06:40	2.40
U-531	CONDUIT	7.60	3	02:47	7.14	3	02:47	23.87	3.78	3	02:47	1.00	0	06:32	1.60
U-533	CONDUIT	12.83	2	08:46	9.69	2	08:54	2.22	6.38	2	08:46	1.00	0	05:59	1.60
U-534-NEW	CONDUIT	5.00	3	01:02	4.95	3	00:23	54.92	6.36	3	01:02	1.00	0	00:00	0.39
U-537	CONDUIT	4.08	2	13:33	3.98	2	13:34	1.31	3.60	2	13:33	1.00	0	05:59	1.20
U-538	CONDUIT	2.85	2	10:24	2.47	2	14:46	0.78	2.52	2	10:24	1.00	0	06:35	1.20
U-54	CONDUIT	4.50	2	09:42	3.92	2	10:17	20.38	3.67	2	09:42	1.00	1	01:03	1.25
U-543	CONDUIT	4.57	2	10:21	3.99	2	09:39	0.82	2.27	2	10:21	1.00	0	06:35	1.60
U-545	CONDUIT	2.10	2	11:29	2.01	2	12:58	32.25	2.68	2	11:29	1.00	0	06:45	1.00
U-547	CONDUIT	11.03	0	00:00	9.53	2	12:16	32.54	5.64	0	00:00	1.00	0	00:00	0.63
U-548	CONDUIT	4.92	2	09:29	3.08	2	10:37	0.11	2.50	0	18:37	1.00	0	09:13	1.60
U-549	CONDUIT	5.56	3	00:09	4.30	2	23:56	0.12	2.77	3	00:09	1.00	0	09:13	1.60
U-55	CONDUIT	8.83	2	11:17	7.55	2	11:33	22.58	7.20	2	11:17	1.00	1	01:03	1.25
U-550	CONDUIT	5.17	3	01:03	3.83	2	10:45	0.74	4.57	3	01:03	1.00	0	06:23	1.20
U-555	CONDUIT	2.47	2	10:12	1.72	2	13:37	0.79	2.18	2	10:12	1.00	0	06:09	1.20
U-557	CONDUIT	4.43	2	15:24	3.15	2	14:15	33.91	3.92	2	15:24	1.00	0	05:46	1.20
U-559	CONDUIT	4.34	2	11:39	3.38	2	11:49	17.04	3.83	2	11:39	1.00	0	05:46	1.20
U-56	CONDUIT	2.89	2	10:11	2.50	2	10:48	20.90	2.35	2	10:11	1.00	1	01:03	1.25
U-562	CONDUIT	3.60	2	15:25	2.89	2	13:29	29.12	3.18	2	15:25	1.00	0	05:46	1.20
U-565	CONDUIT	5.67	2	15:15	4.47	2	14:47	39.66	5.01	2	15:15	1.00	0	05:46	1.20
U-568	CONDUIT	5.96	2	14:14	4.91	2	14:47	19.72	2.96	2	14:14	1.00	0	05:53	1.60

U-569	CONDUIT	6.24	2	09:04	5.21	2	14:38	11.16	3.11	2	09:04	1.00	0	05:53	1.60
U-570	CONDUIT	7.38	2	14:32	7.29	2	14:19	1.16	3.67	2	14:32	1.00	0	05:53	1.60
U-572	CONDUIT	11.03	3	00:02	8.96	2	12:33	13.28	5.49	3	00:02	1.00	0	05:43	1.60
U-573	CONDUIT	8.61	2	12:51	8.09	2	13:02	0.65	7.62	2	12:51	1.00	0	06:18	1.02
U-574	CONDUIT	7.07	2	12:45	6.66	2	12:44	0.83	6.57	2	12:51	1.00	0	06:18	0.47
U-575	CONDUIT	6.83	2	12:41	6.69	2	12:33	0.71	8.69	2	12:41	1.00	0	00:00	0.39
U-580	CONDUIT	2.90	3	05:09	2.09	2	09:52	25.18	2.57	3	05:09	1.00	0	08:23	1.20
U-583	CONDUIT	5.43	2	10:34	4.21	0	17:38	17.58	4.80	2	10:34	1.00	0	08:23	1.20
U-584	CONDUIT	2.50	2	09:12	2.25	3	05:45	22.57	2.21	2	09:12	1.00	0	08:27	1.20
U-587	CONDUIT	12.84	3	04:02	6.27	3	03:54	15.41	6.39	3	04:02	1.00	0	08:53	1.60
U-589	CONDUIT	4.21	2	09:47	3.08	2	09:10	16.20	2.10	2	09:47	1.00	0	08:50	1.60
U-59	CONDUIT	4.87	2	11:22	4.56	3	02:59	0.05	2.19	2	09:57	1.00	2	11:48	2.00
U-590	CONDUIT	3.48	3	05:22	2.98	3	05:10	28.40	3.08	3	05:22	1.00	0	08:23	1.20
U-591	CONDUIT	3.68	2	09:31	3.42	2	11:57	31.58	3.25	2	09:31	1.00	0	08:13	1.20
U-596	CONDUIT	3.61	2	09:16	2.91	2	09:55	30.58	3.19	2	09:16	1.00	0	08:14	1.20
U-599	CONDUIT	12.21	3	05:00	5.72	2	00:55	17.57	6.07	3	05:00	1.00	0	08:52	1.60
U-60	CONDUIT	4.10	3	03:55	3.45	2	12:17	10.39	1.31	3	03:55	1.00	0	05:56	2.00
U-601	CONDUIT	4.22	3	03:55	3.29	3	05:30	34.58	3.73	3	03:55	1.00	0	08:14	1.20
U-604	CONDUIT	3.41	3	05:51	3.19	2	11:42	24.03	3.01	3	05:51	1.00	0	08:05	1.20
U-608	CONDUIT	4.57	2	11:50	2.66	2	11:48	18.38	2.27	2	11:50	1.00	0	08:43	1.60
U-609	CONDUIT	6.89	2	11:28	4.92	2	12:13	13.42	2.19	2	11:28	1.00	0	20:01	2.00
U-612	CONDUIT	12.94	2	11:51	9.67	1	06:32	10.37	4.12	2	11:51	1.00	0	19:55	2.00
U-614	CONDUIT	6.53	3	04:22	5.31	1	22:50	0.51	2.08	3	04:22	1.00	0	10:15	2.00
U-616	CONDUIT	8.44	2	10:50	6.67	2	11:54	16.01	2.69	2	10:50	1.00	0	07:46	2.00
U-618	CONDUIT	10.92	2	11:55	8.69	2	11:53	26.77	5.43	2	11:55	1.00	0	07:04	1.60
U-62	CONDUIT	5.07	3	03:55	4.93	3	03:56	23.09	4.49	3	03:55	1.00	0	05:17	1.20
U-620	CONDUIT	6.92	2	15:00	6.92	2	15:00	2.12	7.25	0	00:00	1.00	0	00:00	0.47
U-621	CONDUIT	7.07	3	05:30	6.42	3	02:48	38.62	8.07	0	00:00	1.00	0	00:01	0.47
U-623	CONDUIT	8.96	3	05:54	8.21	2	11:52	20.33	2.85	3	05:54	1.00	0	07:44	2.00
U-624	CONDUIT	12.20	3	05:26	9.29	3	05:26	11.58	3.88	3	05:26	1.00	0	07:44	2.00
U-625	CONDUIT	9.81	3	05:23	7.12	3	05:22	20.92	3.12	3	05:23	1.00	0	07:45	2.00
U-628	CONDUIT	10.21	3	05:17	8.49	3	05:58	17.58	3.25	3	05:17	1.00	0	07:45	2.00
U-629	CONDUIT	18.99	3	05:10	11.10	3	05:17	8.80	2.69	3	05:10	1.00	0	20:00	3.00
U-632	CONDUIT	7.12	2	19:04	4.64	2	19:46	6.59	3.54	2	19:04	1.00	2	11:51	1.60
U-633	CONDUIT	5.53	2	19:21	4.06	2	12:14	15.86	2.75	2	19:21	1.00	2	11:51	1.60
U-637	CONDUIT	2.99	2	11:51	2.23	2	20:19	23.57	2.65	2	11:51	1.00	2	11:49	1.20
U-64	CONDUIT	7.56	3	04:38	6.58	3	05:23	19.63	6.68	3	04:38	1.00	0	01:32	1.20
U-640	CONDUIT	3.07	2	13:28	1.94	2	16:12	25.47	2.71	2	13:28	1.00	2	11:48	1.20
U-643	CONDUIT	2.53	2	16:48	2.12	2	20:04	23.18	2.24	2	16:48	1.00	2	11:48	1.20
U-646	CONDUIT	6.14	2	12:13	5.82	2	12:14	32.16	5.43	2	12:13	1.00	0	00:02	1.05
U-648	CONDUIT	6.31	2	12:13	5.68	2	12:14	28.00	5.58	2	12:13	1.00	0	00:02	1.05
U-649	CONDUIT	6.03	2	12:14	5.73	2	12:11	37.24	5.33	2	12:14	1.00	0	00:02	0.47
U-651	CONDUIT	11.37	0	00:00	8.86	2	12:20	18.40	12.33	0	00:00	1.00	0	00:00	0.47
U-652	CONDUIT	11.93	0	00:00	9.21	0	00:02	39.07	10.58	0	00:00	1.00	0	00:00	0.47
U-653	CONDUIT	4.44	2	13:24	4.11	2	12:37	34.87	3.92	2	13:24	1.00	0	00:02	0.84
U-656	CONDUIT	3.47	0	00:03	3.09	0	00:04	29.21	4.62	0	00:02	1.00	0	00:04	1.17
U-657	CONDUIT	2.74	0	20:15	2.70	0	20:15	24.41	2.50	0	00:05	1.00	0	00:05	1.20
U-659-NEW	CONDUIT	9.20	0	00:00	5.40	2	12:16	33.24	5.43	0	00:00	1.00	0	00:00	0.59
U-66	CONDUIT	4.81	3	04:24	4.36	3	04:16	39.27	4.26	3	04:24	1.00	0	01:30	1.20
U-663	CONDUIT	7.23	3	02:27	5.98	3	02:30	57.50	6.39	3	02:27	1.00	1	07:30	1.20
U-668	CONDUIT	6.34	2	13:39	6.06	2	12:12	50.45	5.80	2	13:39	1.00	1	07:28	1.20
U-671	CONDUIT	5.55	2	14:55	5.15	2	15:02	47.51	5.18	2	14:55	1.00	1	04:12	1.20
U-674	CONDUIT	6.54	2	15:00	5.39	2	15:01	23.57	3.25	2	15:00	1.00	2	11:55	1.60
U-675	CONDUIT	15.27	3	02:27	8.49	2	15:23	39.37	7.74	3	02:27	1.00	2	08:15	1.60
U-678	CONDUIT	12.88	3	02:27	9.78	2	08:15	39.48	6.63	2	15:33	1.00	1	05:09	1.60
U-68	CONDUIT	4.19	3	04:01	3.71	3	04:28	36.34	3.70	3	04:01	1.00	0	01:16	1.20
U-681	CONDUIT	34.25	3	02:26	33.64	3	02:27	53.40	17.04	3	02:26	1.00	0	20:11	1.60
U-682	CONDUIT	43.02	3	02:26	42.59	3	02:27	81.85	35.05	3	02:26	1.00	0	19:30	1.25
U-684	CONDUIT	8.25	1	18:18	7.29	1	18:18	2.64	6.73	1	18:18	1.00	0	00:53	1.25
U-685	CONDUIT	8.21	3	03:47	7.14	1	18:18	27.98	6.69	3	03:47	1.00	0	01:07	1.25
U-686	CONDUIT	6.27	0	10:44	5.60	2	01:55	42.54	5.11	0	10:44	1.00	0	01:07	1.25

U-687	CONDUIT	14.68	2	09:44	10.11	0	08:11	10.08	3.24	2	09:44	1.00	0	04:22	2.40
U-688	CONDUIT	9.97	2	10:42	7.12	2	05:15	9.60	2.20	2	10:42	1.00	0	04:23	2.40
U-690	CONDUIT	3.33	3	03:37	3.22	3	03:38	39.01	4.24	3	03:37	1.00	0	23:01	1.00
U-694	CONDUIT	2.43	2	11:40	2.03	2	11:44	28.23	3.10	2	11:40	1.00	0	23:01	1.00
U-695	CONDUIT	5.72	2	10:49	3.94	2	09:54	5.54	1.27	2	10:49	1.00	1	10:26	2.40
U-696	CONDUIT	7.29	2	11:24	4.75	2	06:35	12.00	3.62	2	11:24	1.00	1	03:21	1.60
U-70	CONDUIT	5.14	3	04:06	4.75	3	03:59	26.21	4.55	3	04:06	1.00	0	01:02	1.20
U-701	CONDUIT	9.09	3	00:39	7.04	2	16:44	0.14	2.89	3	00:39	1.00	0	06:43	2.00
U-704	CONDUIT	5.43	3	03:56	5.27	3	03:57	24.70	3.07	3	03:56	1.00	0	05:34	1.50
U-706	CONDUIT	5.01	2	12:16	4.84	2	12:16	0.12	4.08	2	12:16	1.00	2	11:30	1.25
U-707	CONDUIT	5.04	2	09:47	4.36	2	12:15	6.47	1.60	2	09:47	1.00	0	18:44	2.00
U-708	CONDUIT	11.08	3	03:04	9.24	3	03:13	21.91	3.53	3	03:04	1.00	0	05:55	2.00
U-71	CONDUIT	4.10	3	04:40	3.40	3	04:24	24.03	3.63	3	04:40	1.00	0	00:57	1.20
U-710	CONDUIT	17.53	3	01:45	12.83	3	00:16	6.98	5.58	3	01:45	1.00	0	05:55	2.00
U-711	CONDUIT	17.22	3	01:45	12.59	3	02:15	11.20	3.81	3	01:45	1.00	0	06:02	2.40
U-717	CONDUIT	20.78	3	03:20	18.47	3	02:30	13.06	4.59	3	03:20	1.00	0	04:20	2.40
U-718	CONDUIT	15.09	2	11:57	14.60	3	02:33	16.44	3.33	2	11:57	1.00	0	04:21	2.40
U-719	CONDUIT	29.68	3	01:18	24.06	3	01:34	5.26	2.57	3	01:18	1.00	0	05:52	3.83
U-720	CONDUIT	7.59	3	05:26	7.23	3	05:51	57.34	9.66	3	05:26	1.00	0	00:09	1.00
U-721-NEW	CONDUIT	14.22	2	13:32	9.47	1	10:06	27.64	7.07	2	13:32	1.00	0	00:03	1.57
U-725	CONDUIT	14.07	3	05:55	8.14	3	02:28	23.40	7.00	3	05:55	1.00	0	06:32	1.60
U-727	CONDUIT	5.59	2	14:15	4.65	2	14:10	26.76	5.03	2	14:39	1.00	2	11:51	1.20
U-729	CONDUIT	5.49	2	13:48	4.63	2	13:39	39.61	7.07	2	13:48	1.00	2	11:33	1.00
U-73	CONDUIT	5.57	3	04:44	4.11	3	04:47	24.34	4.93	3	04:44	1.00	0	00:48	1.20
U-731	CONDUIT	4.51	2	13:30	4.04	2	14:05	45.29	5.89	2	13:30	1.00	1	00:46	1.00
U-732	CONDUIT	7.88	2	07:02	5.78	1	12:37	33.12	10.03	2	07:02	1.00	0	20:18	1.00
U-734	CONDUIT	5.68	1	12:13	4.75	1	23:47	48.99	7.24	1	12:13	1.00	1	01:40	1.00
U-736	CONDUIT	5.92	2	10:30	5.00	1	10:12	49.81	7.57	2	10:30	1.00	1	04:42	1.00
U-738	CONDUIT	4.09	2	18:04	3.49	2	12:52	40.87	5.21	2	18:04	1.00	2	00:13	1.00
U-74	CONDUIT	5.20	2	10:22	3.35	2	11:53	17.72	4.60	2	10:22	1.00	0	00:45	1.20
U-740	CONDUIT	5.04	2	18:21	3.59	2	14:13	33.15	6.51	2	18:21	1.00	1	10:12	1.00
U-741	CONDUIT	3.43	2	11:58	2.57	2	11:58	33.42	4.36	2	11:58	1.00	2	11:28	1.00
U-743	CONDUIT	3.38	2	11:58	2.48	2	11:58	29.39	4.30	2	11:58	1.00	2	11:54	1.00
U-745	CONDUIT	2.98	2	12:39	2.09	2	12:44	26.69	3.98	2	12:26	1.00	2	11:54	1.00
U-747	CONDUIT	3.07	2	12:28	2.12	2	12:44	32.23	3.91	2	12:28	1.00	2	11:54	1.00
U-749	CONDUIT	3.71	2	14:45	1.99	2	11:55	35.13	4.89	2	11:51	1.00	2	11:54	1.00
U-75	CONDUIT	5.10	3	04:41	3.84	3	04:42	27.17	4.51	3	04:41	1.00	0	00:45	1.20
U-751	CONDUIT	3.73	2	11:54	2.24	2	18:06	23.78	4.75	2	11:54	1.00	2	11:21	1.00
U-753	CONDUIT	4.38	2	11:51	2.19	2	11:52	32.05	5.58	2	11:51	1.00	2	11:19	1.00
U-755	CONDUIT	4.69	2	19:30	4.11	2	12:51	25.29	4.15	2	19:30	1.00	2	11:21	1.20
U-763	CONDUIT	3.89	2	12:15	3.85	2	12:15	23.58	3.44	2	12:15	1.00	2	11:52	1.20
U-766	CONDUIT	3.92	2	12:14	3.77	2	12:15	11.86	1.95	2	12:14	1.00	2	12:03	1.60
U-769	CONDUIT	6.63	2	12:14	6.15	2	12:13	22.17	3.31	2	12:14	0.99	2	12:16	1.60
U-77	CONDUIT	4.87	3	04:30	4.59	3	04:05	31.98	4.31	3	04:30	1.00	0	00:40	1.20
U-772	CONDUIT	6.23	2	12:13	6.23	2	12:14	17.74	3.29	2	12:14	0.90	2	12:16	1.60
U-775	CONDUIT	7.12	2	12:13	7.04	2	12:17	5.03	2.99	2	12:13	0.53	2	12:14	2.40
U-778	CONDUIT	8.69	2	13:35	8.66	2	12:50	76.02	7.77	2	13:35	1.00	2	12:11	1.20
U-783	CONDUIT	4.40	2	11:52	3.23	2	14:22	24.75	3.89	2	11:52	1.00	2	06:38	1.20
U-786	CONDUIT	3.95	2	14:54	3.37	2	14:54	14.74	1.97	2	14:54	1.00	2	09:08	1.60
U-789	CONDUIT	9.24	2	14:50	7.43	2	13:30	24.03	4.59	2	14:50	1.00	2	09:15	1.60
U-792	CONDUIT	8.38	2	12:55	6.93	2	13:42	30.27	4.17	2	12:55	1.00	2	09:15	1.60
U-795	CONDUIT	18.06	2	13:24	11.08	2	13:42	6.86	3.99	2	13:24	1.00	2	11:41	2.40
U-796	CONDUIT	6.56	2	16:36	6.36	2	16:34	57.26	5.80	2	16:36	1.00	2	07:27	1.20
U-8	CONDUIT	11.02	3	05:09	8.76	3	05:48	0.47	3.51	3	05:09	1.00	0	07:44	2.00
U-801	CONDUIT	4.78	2	17:34	3.33	2	17:35	26.39	4.22	2	17:34	1.00	2	06:14	1.20
U-804	CONDUIT	4.56	2	17:34	3.28	2	17:35	16.74	2.27	2	17:34	1.00	2	07:28	1.60
U-807	CONDUIT	7.42	2	17:35	5.57	2	17:25	22.08	3.69	2	17:35	1.00	2	07:28	1.60
U-81	CONDUIT	4.85	3	02:46	4.27	3	02:51	24.52	4.29	3	02:46	1.00	0	00:36	1.20
U-810	CONDUIT	6.39	2	11:52	5.32	2	16:30	21.27	3.18	2	11:52	1.00	2	07:28	1.60
U-811	CONDUIT	16.80	2	12:30	13.50	2	12:31	12.10	5.35	2	12:30	1.00	2	08:50	2.00
U-815	CONDUIT	6.44	2	16:59	4.92	2	18:02	10.99	2.05	2	16:59	1.00	2	08:48	2.00

U-816	CONDUIT	6.05	2	18:10	4.66	2	18:02	34.01	5.35	2	18:10	1.00	2	06:12	1.20
U-82	CONDUIT	3.50	3	04:18	3.09	3	04:35	28.17	3.09	3	04:18	1.00	0	00:33	1.20
U-820	CONDUIT	7.41	2	17:55	5.80	2	18:04	38.18	6.55	2	17:55	1.00	1	21:43	1.20
U-823	CONDUIT	6.78	2	18:09	5.29	2	17:56	22.68	3.37	2	18:09	1.00	2	06:33	1.60
U-826	CONDUIT	7.09	2	17:46	6.22	2	17:57	24.38	3.53	2	17:46	1.00	2	06:33	1.60
U-829	CONDUIT	8.01	2	17:57	6.84	2	18:09	26.88	3.98	2	17:57	1.00	2	06:33	1.60
U-83	CONDUIT	3.93	3	02:47	3.12	3	02:58	26.28	3.47	3	02:47	1.00	0	00:29	1.19
U-832	CONDUIT	10.27	2	17:21	7.04	2	18:09	11.52	5.11	2	17:21	1.00	2	06:30	1.60
U-833	CONDUIT	9.21	2	10:52	7.11	2	10:49	7.47	2.32	0	05:47	1.00	2	09:16	2.40
U-834-EAC	CONDUIT	21.34	3	05:38	15.57	0	14:36	5.44	3.02	3	05:38	1.00	0	05:46	3.00
U-835	CONDUIT	12.25	3	01:34	10.99	3	01:47	1.16	3.90	3	01:34	1.00	0	05:14	2.00
U-837	CONDUIT	20.80	3	01:46	13.21	3	02:37	2.02	6.62	3	01:46	1.00	0	05:19	2.00
U-838	CONDUIT	13.56	3	01:20	10.88	3	03:50	13.91	4.32	3	01:20	1.00	0	06:24	2.00
U-839	CONDUIT	12.50	3	03:50	11.93	3	03:51	19.05	3.98	3	03:50	1.00	0	06:25	2.00
U-840	CONDUIT	12.18	3	04:01	10.77	3	03:50	16.99	3.88	3	04:01	1.00	0	06:25	1.99
U-841	CONDUIT	18.54	3	04:21	14.47	3	03:36	7.44	4.10	3	04:21	1.00	0	06:25	2.40
U-842	CONDUIT	10.19	3	04:21	9.86	3	04:21	49.25	8.36	3	04:21	1.00	0	06:22	1.25
U-846	CONDUIT	2.33	2	11:49	2.33	2	11:49	0.87	2.76	2	11:43	1.00	2	11:50	1.25
U-847	CONDUIT	2.36	2	11:50	2.34	2	11:51	1.09	2.93	2	11:43	1.00	2	12:05	1.25
U-848	CONDUIT	3.00	2	09:29	2.35	2	09:41	21.62	2.83	2	11:01	1.00	0	17:55	1.20
U-851	CONDUIT	2.43	2	10:36	2.17	2	11:11	21.41	2.15	2	10:36	1.00	0	08:29	1.20
U-852	CONDUIT	3.11	2	10:57	2.33	2	11:14	18.92	2.75	2	10:57	1.00	0	08:29	1.20
U-854	CONDUIT	4.76	2	11:14	4.08	2	11:34	9.85	2.37	2	11:14	1.00	0	09:03	1.60
U-856	CONDUIT	6.59	2	10:50	3.47	2	11:39	10.10	3.28	2	10:50	1.00	0	09:03	1.60
U-858	CONDUIT	3.70	2	10:28	2.79	2	13:07	10.92	1.84	2	10:28	1.00	0	09:03	1.60
U-860	CONDUIT	3.43	2	09:57	3.29	2	12:52	13.83	1.71	2	09:57	1.00	0	09:03	1.60
U-863	CONDUIT	4.02	2	09:57	3.86	2	10:52	13.10	2.28	2	09:57	1.00	0	08:44	1.50
U-864	CONDUIT	15.83	3	01:39	10.93	2	12:00	0.89	3.50	3	01:39	1.00	0	04:48	2.40
U-865	CONDUIT	14.12	0	08:40	9.49	2	12:00	0.79	3.12	0	08:40	1.00	0	04:48	2.40
U-866	CONDUIT	6.23	0	08:28	5.75	2	12:00	35.47	5.51	0	08:28	1.00	0	01:08	1.20
U-867	CONDUIT	4.41	2	12:15	4.41	2	12:15	1.92	5.61	2	12:15	1.00	0	00:00	0.39
U-868	CONDUIT	7.94	2	12:15	7.94	2	12:15	2.44	7.02	2	12:15	1.00	0	00:00	0.47
U-869	CONDUIT	11.11	0	00:00	4.97	0	00:01	3.79	5.70	0	00:00	1.00	0	00:00	0.63
U-871	CONDUIT	11.87	0	00:00	8.15	2	12:14	1.56	6.10	0	00:00	1.00	0	00:00	0.63
U-872	CONDUIT	16.10	3	05:44	8.42	0	12:51	7.09	3.56	3	05:44	1.00	0	00:00	1.66
U-874-NEW	CONDUIT	4.94	0	00:00	3.01	2	12:56	15.69	6.39	0	00:00	1.00	0	00:00	0.47
U-875	CONDUIT	14.13	0	21:00	14.02	0	08:56	1.30	7.03	0	21:00	1.00	0	05:19	0.63
U-878	CONDUIT	10.95	2	18:23	8.57	2	18:43	38.08	5.44	2	18:23	1.00	0	00:05	1.53
U-879	CONDUIT	11.33	2	18:23	8.71	2	10:21	40.60	5.73	2	18:24	1.00	0	00:04	1.60
U-88	CONDUIT	5.91	2	22:44	4.47	0	10:32	19.28	4.24	2	22:44	1.00	0	00:30	1.32
U-880	CONDUIT	26.63	2	07:20	20.56	0	20:43	0.70	6.80	2	07:20	1.00	0	00:05	2.40
U-885	CONDUIT	18.41	0	00:00	5.65	2	13:21	25.59	9.16	0	00:00	1.00	0	00:00	0.63
U-90	CONDUIT	7.98	2	13:33	6.71	2	18:17	33.32	5.72	2	13:33	1.00	0	04:19	1.32
U-91	CONDUIT	6.22	2	09:47	4.95	3	01:09	36.06	5.50	2	09:47	1.00	2	04:36	1.20
U-92	CONDUIT	15.43	3	04:37	12.18	2	04:43	14.25	5.40	2	05:01	1.00	2	09:23	2.00
U-96	CONDUIT	7.49	2	15:33	6.89	2	13:03	35.10	5.37	2	15:33	1.00	0	07:55	1.03
U-97	CONDUIT	6.41	2	15:46	5.84	2	15:46	40.54	5.67	2	15:46	1.00	0	08:07	0.97
U-98	CONDUIT	9.65	3	03:25	7.70	3	03:24	15.45	8.53	3	03:25	1.00	0	00:03	1.19
U-99	CONDUIT	7.15	2	15:13	6.88	2	15:13	32.80	5.12	2	15:13	1.00	0	00:03	1.20
PS-HC1-LAG	PUMP	8.00	0	07:19	8.00	0	07:20	1.00							
PS-HC1-LEAD	PUMP	8.00	0	07:19	8.00	0	07:20	1.00							
W-WELL3D-NEW	WEIR	145.81	3	01:59	36.15	3	03:46					1.00	2	12:30	
W-WELL4-11-NEW	WEIR	2.78	2	13:29	2.52	2	12:17					0.10	2	19:21	
W-WELL6A-NEW	WEIR	12.34	2	03:54	4.93	2	22:22					0.56	2	21:59	
W-WELL6D-NEW	WEIR	0.00	0	00:00	0.00	0	00:00					0.00	0	00:00	
W-WELL7D-NEW	WEIR	48.77	2	20:35	36.73	2	19:40					1.00	2	17:46	
W1-10-NEW	WEIR	23.00	2	09:09	9.50	2	12:16					0.48	2	09:08	
W1-26-NEW	WEIR	91.05	2	15:00	44.33	2	15:01					1.00	2	08:45	
W3-56-NEW	WEIR	67.65	3	04:15	57.29	3	04:05					1.00	2	09:07	
W5-2-NEW	WEIR	12.06	0	09:39	5.45	1	08:34					0.39	2	08:55	
W6A-26-NEW	WEIR	5.35	2	13:57	5.35	2	13:57					0.22	2	13:57	

WA-10	WEIR	58.87	3	02:07	48.95	3	04:24	1.00	2	11:51
WA-4-NEW	WEIR	168.69	0	06:22	88.48	2	06:51	1.00	0	06:11
WEIR-11	WEIR	3.90	2	12:41	3.85	2	12:43	0.24	2	14:46
WEIR-13	WEIR	4.07	2	13:15	4.04	2	13:14	0.19	2	14:10
WEIR-15	WEIR	4.41	3	01:50	4.08	2	12:31	0.22	3	01:50
WEIR-17	WEIR	18.10	3	01:22	10.52	3	01:45	0.64	2	20:35
WEIR-19	WEIR	4.55	2	19:22	3.92	3	04:04	0.38	2	17:37
WEIR-21	WEIR	1.50	2	12:15	1.48	2	12:15	0.08	2	12:15
WEIR-23	WEIR	4.43	2	12:15	4.40	2	12:15	0.16	2	12:15
WEIR-25	WEIR	2.90	2	09:09	2.52	2	12:59	0.19	2	09:09
WEIR-27	WEIR	0.61	2	10:54	0.00	0	00:00	0.07	2	10:54
WEIR-29	WEIR	1.46	2	13:03	1.46	2	13:03	0.07	2	13:03
WEIR-3	WEIR	5.86	2	20:35	4.38	2	16:21	0.34	2	16:07
WEIR-31	WEIR	1.13	2	15:02	1.13	2	15:02	0.13	2	16:22
WEIR-33	WEIR	8.15	3	03:31	6.89	3	03:32	0.32	3	03:31
WEIR-35	WEIR	4.70	3	03:54	1.10	2	12:23	0.20	3	03:54
WEIR-37	WEIR	4.71	2	14:26	4.36	2	15:48	0.20	3	03:28
WEIR-39	WEIR	5.69	2	12:10	4.82	2	14:03	0.26	2	14:07
WEIR-41	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-43	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-45	WEIR	2.60	3	01:04	1.79	2	12:17	0.15	2	15:48
WEIR-47	WEIR	6.40	3	00:16	2.22	3	00:20	0.24	3	00:16
WEIR-49	WEIR	6.66	3	04:39	5.18	2	12:15	0.35	2	16:57
WEIR-5	WEIR	5.21	2	15:01	3.38	2	16:21	0.34	2	16:07
WEIR-51	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-53	WEIR	7.61	3	04:43	7.27	3	04:43	0.82	2	16:31
WEIR-55	WEIR	0.04	2	16:37	0.04	2	16:37	0.02	2	16:35
WEIR-57	WEIR	7.70	3	03:43	6.06	2	12:09	0.35	3	03:58
WEIR-59	WEIR	4.13	3	04:09	3.14	2	19:40	0.30	2	15:09
WEIR-61	WEIR	2.94	2	12:38	2.94	2	12:38	0.17	2	16:02
WEIR-63	WEIR	9.71	3	03:40	6.70	3	03:55	1.00	2	08:58
WEIR-65	WEIR	1.80	2	12:55	1.80	2	12:55	0.09	2	12:55
WEIR-67	WEIR	13.96	2	11:58	10.48	3	02:28	0.55	2	13:08
WEIR-69	WEIR	10.61	3	02:48	7.74	3	03:17	0.35	3	03:17
WEIR-7	WEIR	4.51	2	16:33	3.66	2	16:59	0.33	2	17:24
WEIR-71	WEIR	1.87	2	11:52	1.68	2	15:19	0.15	2	14:54
WEIR-73	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-75	WEIR	0.83	2	12:50	0.83	2	12:50	0.30	2	12:53
WEIR-77	WEIR	6.15	2	18:31	5.47	2	16:54	0.25	2	23:23
WEIR-79	WEIR	4.84	2	23:23	2.89	2	13:02	0.21	2	23:23
WEIR-81	WEIR	3.46	3	01:54	1.17	2	20:20	0.16	3	01:54
WEIR-83	WEIR	4.20	2	19:57	3.42	2	18:00	0.29	2	19:37
WEIR-85	WEIR	6.03	2	20:03	3.55	2	17:47	0.35	2	19:49
WEIR-87	WEIR	5.14	2	20:03	3.01	2	12:22	0.35	2	19:49
WEIR-9	WEIR	6.81	2	15:01	4.62	2	16:21	0.44	2	15:15
WEIR-J-748	WEIR	59.83	0	05:28	43.01	2	10:27	1.00	0	05:28
WEIR-J-754-STANTECT	WEIR	97.60	2	08:39	64.12	2	06:00	1.00	0	05:14
WEIR-J-799-EAC	WEIR	2.14	0	08:50	2.13	2	10:16	1.00	0	05:46
CDT-19	DUMMY	4.62	2	08:18	4.62	2	09:15			
CDT-21	DUMMY	2.84	2	04:48	2.84	2	10:22			
CDT-23	DUMMY	1.41	0	06:23	1.41	0	06:52			
CDT-25	DUMMY	3.85	2	04:36	3.85	2	04:52			
CDT-27	DUMMY	2.06	0	09:55	2.06	2	08:48			
CDT-29	DUMMY	1.44	0	06:23	1.44	2	06:59			
CDT-31	DUMMY	2.27	0	17:12	2.27	0	20:23			
CDT-33	DUMMY	1.95	1	17:25	1.95	1	22:26			
CDT-35	DUMMY	0.00	0	00:00	0.00	0	00:00			
CDT-37	DUMMY	3.79	1	17:45	3.80	2	09:24			
CDT-39	DUMMY	2.27	0	10:30	2.27	2	08:06			
CDT-41	DUMMY	1.90	2	06:42	1.90	2	06:48			
CDT-43	DUMMY	0.63	0	20:11	0.63	1	20:36			

CDT-45	DUMMY	1.21	0	09:31	1.21	1	18:43
CDT-47	DUMMY	1.28	2	11:48	1.28	2	11:49
CDT-49	DUMMY	1.28	0	06:18	1.28	0	06:19
CDT-51	DUMMY	1.28	0	07:11	1.28	0	07:12
CDT-53	DUMMY	3.30	0	00:00	3.30	0	00:05
CDT-55	DUMMY	1.90	2	01:09	1.90	2	11:49
CDT-57	DUMMY	1.28	0	20:18	1.28	1	01:39
CDT-59	DUMMY	2.84	2	00:14	2.84	2	07:24
CDT-61	DUMMY	1.28	0	19:27	1.28	0	19:29
CDT-63	DUMMY	2.84	2	05:41	2.84	2	11:56
J33A_OUTFALL	DUMMY	2.82	1	21:05	2.82	2	09:27
J567_OUTFALL	DUMMY	2.82	2	11:46	2.82	2	11:47
U-331	DUMMY	1.70	0	06:19	1.70	0	06:20
W-ENID-DRIVE	DUMMY	3.79	0	05:30	3.80	0	05:39
WELL-W-MCINTYRE	DUMMY	3.79	0	05:28	3.80	0	05:41

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  Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C-WELL3W	1.25	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C-WELL4E	1.41	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-101	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-103	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-105	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-107	2.11	0.31	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00
CDT-109	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-11	1.00	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-111	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-113	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-115	2.44	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-121	70.04	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-123	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-125	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-173	5.03	0.09	0.00	0.00	0.31	0.00	0.00	0.60	0.01	0.00
CDT-175	5.03	0.06	0.00	0.00	0.38	0.00	0.00	0.56	0.01	0.00
CDT-177	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-179	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-181	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-183	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-185	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-187	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-189	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-191	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-193	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-195	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-197	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-199	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-201	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-205	35.11	0.00	0.79	0.00	0.21	0.00	0.00	0.00	0.00	0.00
CDT-207	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-209	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-211	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-213	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-215	35.11	0.00	0.75	0.00	0.24	0.00	0.00	0.00	0.01	0.00
CDT-217	37.56	0.00	0.79	0.00	0.20	0.00	0.00	0.00	0.00	0.00
CDT-219	35.11	0.00	0.79	0.00	0.20	0.00	0.00	0.00	0.00	0.00
CDT-221	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-223	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-225	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-227	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-229	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-231	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-233	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-235	35.11	0.00	0.79	0.00	0.21	0.00	0.00	0.00	0.01	0.00
CDT-237	40.98	0.00	0.79	0.00	0.21	0.00	0.00	0.00	0.00	0.00
CDT-239	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-241	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-243	40.98	0.00	0.79	0.00	0.21	0.00	0.00	0.00	0.00	0.00
CDT-245	40.98	0.00	0.79	0.00	0.21	0.00	0.00	0.00	0.00	0.00
CDT-247	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-249	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-251	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-253	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-255	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-257	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-259	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-261	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-263	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-265	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-267	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-269	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-271	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-273	5.03	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-275	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-277	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-279	35.11	0.04	0.44	0.00	0.51	0.00	0.00	0.00	0.39	0.00
CDT-281	35.11	0.02	0.80	0.00	0.18	0.00	0.00	0.00	0.01	0.00
CDT-283	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-285	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-287	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

CDT-289	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-291	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-293	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-295	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-297	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-299	3.52	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-439	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.00	0.00
CDT-525	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-539	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-87	14.60	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
CDT-91	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-93	2.11	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-95	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-97	2.11	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-99	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J-963_OUTFALL	1.45	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J561_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J575_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J920_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
LINK-WELL-2	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-102	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-104	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-105	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-11	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-113	1.00	0.03	0.00	0.00	0.95	0.00	0.00	0.02	0.00	0.00
U-114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-118	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-122	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-125	1.00	0.03	0.00	0.00	0.95	0.00	0.00	0.01	0.00	0.00
U-129	1.20	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-141	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.05
U-150	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-153	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-155	1.34	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-161	1.00	0.08	0.00	0.00	0.81	0.00	0.00	0.11	0.00	0.00
U-165	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-167	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-17	1.62	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-172	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-176	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-177	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-181	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-184	1.00	0.03	0.00	0.00	0.94	0.00	0.00	0.02	0.00	0.00
U-186	1.00	0.04	0.00	0.00	0.60	0.00	0.00	0.36	0.00	0.03
U-191	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-193	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-195	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-197	1.18	0.01	0.00	0.00	0.96	0.00	0.03	0.00	0.00	0.00
U-199	1.00	0.04	0.00	0.00	0.87	0.00	0.00	0.09	0.00	0.03
U-20	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-200	1.00	0.05	0.00	0.00	0.93	0.00	0.00	0.02	0.00	0.01
U-201	1.00	0.06	0.00	0.00	0.79	0.00	0.00	0.15	0.00	0.05
U-202	1.00	0.06	0.00	0.00	0.83	0.00	0.05	0.06	0.00	0.03
U-203	1.00	0.01	0.00	0.00	0.94	0.00	0.05	0.00	0.00	0.00
U-204	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-206	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-207	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-208	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-211	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-213	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-214	1.06	0.00	0.69	0.00	0.31	0.00	0.00	0.00	0.00	0.76

U-22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-220	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-221	1.57	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-227	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-228	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-231	1.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-232	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.13
U-233	1.00	0.03	0.00	0.00	0.85	0.00	0.00	0.12	0.00	0.00
U-237	1.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-239	1.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-240	1.00	0.00	0.00	0.00	0.92	0.00	0.00	0.07	0.00	0.00
U-242	1.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-244	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-245	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-249	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-25	1.78	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-253	1.00	0.00	0.00	0.00	0.95	0.00	0.04	0.00	0.00	0.00
U-254	1.28	0.06	0.00	0.00	0.88	0.00	0.02	0.04	0.00	0.02
U-256	1.30	0.05	0.00	0.00	0.93	0.00	0.00	0.02	0.00	0.00
U-259	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-260	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-261	1.00	0.17	0.00	0.00	0.28	0.00	0.00	0.55	0.00	0.32
U-262-NEW	1.40	0.04	0.00	0.00	0.30	0.00	0.01	0.65	0.01	0.00
U-263	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	0.00	0.38
U-265	1.72	0.17	0.00	0.00	0.65	0.00	0.00	0.18	0.00	0.77
U-267	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-270	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-271	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-274	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-277	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-280	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-286	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-289	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-290	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-291	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-293	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-294	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-295	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-298	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-299	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-300	1.02	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-304	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
U-309	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-312	1.00	0.20	0.00	0.00	0.35	0.00	0.07	0.37	0.00	0.01
U-315	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-316	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-319	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-322	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-325	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.00
U-327	1.00	0.01	0.00	0.00	0.66	0.00	0.00	0.32	0.00	0.00
U-328	1.00	0.01	0.00	0.00	0.94	0.00	0.00	0.05	0.00	0.00
U-330	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-332	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.01
U-335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-337	1.13	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-344	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-345	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-346	1.01	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-347	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-348	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-35	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-351	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-352	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-353	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-354	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-357	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-358	1.00	0.00	0.00	0.00	0.89	0.00	0.00	0.11	0.00	0.05
U-364	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-364A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-366	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-37	1.35	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-372	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-373	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-376	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-379	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-38	1.59	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-382	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-385	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-386	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-388	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-390	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-391	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.01
U-392	1.79	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-394	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-397	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-398	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-399	1.00	0.00	0.00	0.00	0.87	0.00	0.00	0.13	0.00	0.00
U-402	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-404	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-406	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-407	1.00	0.04	0.00	0.00	0.94	0.00	0.00	0.01	0.00	0.00
U-408	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-409	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-411	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-412	1.00	0.18	0.13	0.00	0.48	0.00	0.20	0.02	0.00	0.12
U-413	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-414	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-415	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-417	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-418	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-419	1.55	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-421	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-428	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-430	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-434	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-437	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-439	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-44	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-440	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-441	1.00	0.01	0.02	0.00	0.85	0.00	0.00	0.12	0.00	0.00
U-443	1.00	0.03	0.00	0.00	0.74	0.00	0.00	0.23	0.00	0.03
U-445	1.00	0.03	0.00	0.00	0.92	0.00	0.00	0.05	0.00	0.01
U-447	2.20	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-448	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-449	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.01	0.00	0.00
U-45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-450	1.00	0.03	0.00	0.00	0.91	0.00	0.00	0.06	0.00	0.02
U-451	1.00	0.03	0.00	0.00	0.88	0.00	0.00	0.08	0.00	0.03
U-452	1.00	0.03	0.00	0.00	0.91	0.00	0.00	0.06	0.00	0.01
U-454	1.00	0.03	0.00	0.00	0.88	0.00	0.01	0.08	0.00	0.33
U-456	1.62	0.03	0.00	0.00	0.58	0.00	0.01	0.38	0.00	0.35
U-463	1.00	0.00	0.04	0.00	0.55	0.00	0.05	0.35	0.00	0.42
U-464	1.00	0.00	0.00	0.00	0.87	0.00	0.00	0.13	0.00	0.07
U-466	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-468	2.01	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.26
U-468-NEW	1.00	0.04	0.00	0.00	0.89	0.00	0.00	0.07	0.01	0.00
U-469	1.32	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-48	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-483	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-486	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-489	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.28
U-492	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-495	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-496	1.00	0.00	0.00	0.00	0.93	0.00	0.00	0.07	0.00	0.05
U-497	1.00	0.00	0.00	0.00	0.59	0.00	0.00	0.41	0.00	0.40
U-498	1.00	0.00	0.00	0.00	0.04	0.00	0.00	0.96	0.00	0.75
U-5	2.12	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.05
U-50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-500	3.06	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-501	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-502	1.29	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-503	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.10
U-507	1.00	0.00	0.00	0.00	0.81	0.00	0.00	0.19	0.00	0.05
U-509	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.08
U-513	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-514	1.00	0.00	0.00	0.00	0.91	0.00	0.04	0.05	0.00	0.08
U-518-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-519-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-522	1.00	0.23	0.03	0.00	0.15	0.00	0.59	0.00	0.00	0.00

U-523	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-524-NEW	8.39	0.82	0.00	0.00	0.18	0.00	0.00	0.00	0.03	0.00
U-525	1.00	0.82	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.01
U-526	1.00	0.82	0.00	0.00	0.16	0.00	0.02	0.00	0.00	0.00
U-527	1.00	0.82	0.00	0.00	0.16	0.00	0.02	0.00	0.00	0.00
U-53	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-530	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-531	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-533	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.06
U-534-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-537	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-538	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-54	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-545	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-547	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-548	4.71	0.00	0.05	0.00	0.89	0.00	0.07	0.00	0.00	0.03
U-549	4.50	0.04	0.01	0.00	0.94	0.00	0.02	0.00	0.00	0.20
U-55	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-550	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-555	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-559	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-56	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-562	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-565	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-568	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-569	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-570	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.02
U-572	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-573	1.03	0.00	0.02	0.00	0.95	0.00	0.03	0.00	0.00	0.32
U-574	1.43	0.00	0.02	0.00	0.94	0.00	0.02	0.01	0.00	0.22
U-575	1.93	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-580	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-583	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-584	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-587	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-589	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-59	7.04	0.00	0.25	0.00	0.18	0.00	0.57	0.00	0.00	0.00
U-590	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-591	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-596	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-599	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-60	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-601	1.00	0.01	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-604	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-608	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-609	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-612	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-614	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.07
U-616	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-618	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-620	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-621	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-623	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-625	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-628	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-629	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-632	1.97	0.01	0.00	0.00	0.87	0.12	0.00	0.00	0.00	0.63
U-633	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-637	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-64	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-640	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-643	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-646	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-648	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-649	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-651	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-652	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-653	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-656	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-657	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-659-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-66	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-663	1.00	0.10	0.00	0.00	0.86	0.00	0.00	0.04	0.00	0.00
U-668	1.00	0.08	0.00	0.00	0.46	0.00	0.00	0.46	0.00	0.00
U-671	1.00	0.07	0.00	0.00	0.45	0.00	0.00	0.48	0.00	0.00
U-674	1.00	0.07	0.00	0.00	0.39	0.00	0.00	0.54	0.00	0.00
U-675	1.00	0.07	0.00	0.00	0.63	0.00	0.04	0.26	0.00	0.01

U-678	1.00	0.07	0.00	0.00	0.37	0.00	0.00	0.55	0.00	0.03
U-68	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-681	1.00	0.17	0.00	0.00	0.73	0.02	0.04	0.04	0.00	0.05
U-682	1.53	0.18	0.00	0.00	0.15	0.01	0.03	0.64	0.00	0.57
U-684	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-685	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-686	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-687	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-688	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-690	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-694	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-695	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-696	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-70	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-701	3.71	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-704	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-706	12.63	0.00	0.79	0.00	0.18	0.00	0.02	0.00	0.00	0.00
U-707	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-708	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-71	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-710	3.71	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-711	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-717	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-718	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-719	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-720	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-721-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-725	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-727	1.00	0.17	0.00	0.00	0.52	0.00	0.04	0.28	0.00	0.02
U-729	1.00	0.16	0.00	0.00	0.54	0.00	0.01	0.29	0.00	0.12
U-73	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-731	1.00	0.15	0.00	0.00	0.83	0.00	0.01	0.01	0.00	0.00
U-732	1.00	0.15	0.00	0.00	0.60	0.00	0.01	0.25	0.00	0.17
U-734	1.00	0.13	0.00	0.00	0.82	0.00	0.00	0.05	0.00	0.00
U-736	1.00	0.08	0.00	0.00	0.48	0.00	0.00	0.44	0.00	0.02
U-738	1.00	0.08	0.00	0.00	0.53	0.00	0.05	0.34	0.00	0.00
U-74	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-740	1.00	0.12	0.00	0.00	0.80	0.00	0.01	0.07	0.00	0.00
U-741	1.00	0.09	0.00	0.00	0.71	0.00	0.00	0.19	0.00	0.00
U-743	1.00	0.05	0.00	0.00	0.41	0.00	0.00	0.54	0.00	0.01
U-745	1.00	0.05	0.00	0.00	0.85	0.00	0.00	0.10	0.00	0.00
U-747	1.00	0.10	0.00	0.00	0.69	0.00	0.00	0.22	0.00	0.00
U-749	1.00	0.12	0.00	0.00	0.67	0.00	0.00	0.21	0.00	0.00
U-75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-751	1.00	0.14	0.00	0.00	0.85	0.00	0.00	0.01	0.00	0.00
U-753	1.00	0.13	0.00	0.00	0.67	0.00	0.01	0.18	0.00	0.07
U-755	1.00	0.10	0.00	0.00	0.79	0.00	0.00	0.11	0.00	0.00
U-763	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-766	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-769	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-77	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-772	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-775	1.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-778	1.00	0.00	0.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00
U-783	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-786	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-789	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-792	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-795	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-796	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-8	3.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.01
U-801	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-804	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-807	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-810	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-811	1.09	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-815	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-816	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-820	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-823	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-826	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-829	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-83	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-832	1.33	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-833	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-834-EAC	1.22	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-835	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-837	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-838	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-839	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-840	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-841	1.46	0.00	0.00	0.00	0.97	0.00	0.02	0.00	0.00	0.00
U-842	1.00	0.03	0.00	0.00	0.82	0.00	0.00	0.16	0.00	0.00
U-846	1.00	0.18	0.00	0.00	0.60	0.00	0.00	0.23	0.00	0.40
U-847	1.00	0.19	0.00	0.00	0.16	0.00	0.66	0.00	0.00	0.00
U-848	1.00	0.10	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00
U-851	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-852	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-854	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-856	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-858	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-860	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-863	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-864	1.14	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-865	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-866	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-867	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-868	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-869	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-871	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-872	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-874-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-875	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-878	1.00	0.00	0.00	0.00	0.78	0.00	0.00	0.22	0.00	0.04
U-879	1.00	0.00	0.00	0.00	0.56	0.00	0.00	0.44	0.00	0.04
U-88	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-880	1.42	0.00	0.00	0.00	0.99	0.00	0.00	0.01	0.00	0.00
U-885	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-90	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-91	1.00	0.00	0.00	0.00	0.75	0.00	0.02	0.23	0.00	0.00
U-92	1.00	0.00	0.00	0.00	0.85	0.00	0.12	0.03	0.00	0.00
U-96	1.00	0.00	0.00	0.00	0.97	0.00	0.00	0.03	0.00	0.01
U-97	1.00	0.00	0.00	0.00	0.21	0.00	0.00	0.79	0.00	0.00
U-98	2.68	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-99	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
C-WELL3W	77.97	77.97	78.00	0.02	0.00
C-WELL4E	0.00	0.00	0.58	0.00	0.00
CDT-101	21.38	21.40	21.41	0.24	8.15
CDT-103	21.23	21.33	21.43	0.19	3.20
CDT-105	21.06	21.11	21.17	0.19	2.80
CDT-107	21.13	21.17	21.39	0.92	3.46
CDT-109	39.75	41.63	42.94	4.36	13.34
CDT-11	71.92	71.92	72.19	10.43	23.10
CDT-111	42.04	43.22	45.10	4.91	14.62
CDT-113	19.87	19.98	19.91	0.14	2.08
CDT-115	22.75	22.87	22.78	0.20	8.64
CDT-121	23.06	23.42	76.66	0.00	0.15
CDT-123	66.73	66.78	66.80	3.27	18.61
CDT-125	62.55	62.59	62.55	0.10	4.06
CDT-171	34.38	34.46	48.71	0.00	0.16
CDT-177	13.75	14.66	14.37	0.00	5.88
CDT-179	12.29	12.86	12.53	0.00	4.86
CDT-181	14.11	14.37	14.35	0.00	5.34
CDT-183	34.39	36.47	35.24	0.03	14.70
CDT-185	14.11	14.37	14.35	0.00	5.34
CDT-187	64.50	64.52	64.51	0.00	28.21
CDT-189	64.50	64.51	64.52	0.00	29.80
CDT-191	12.28	12.86	12.53	0.00	4.53
CDT-193	22.58	22.68	22.97	0.11	4.90
CDT-195	55.59	55.59	55.59	0.01	5.08
CDT-197	20.60	20.64	20.69	0.05	9.40
CDT-199	19.15	19.28	19.18	0.12	8.22
CDT-201	19.18	19.28	19.20	0.05	9.16
CDT-205	0.00	0.00	20.30	0.00	0.00
CDT-207	18.74	18.89	18.99	0.14	6.59
CDT-209	57.01	57.01	57.01	0.01	11.17
CDT-211	57.01	57.01	57.01	0.01	14.23
CDT-213	27.89	28.28	28.05	0.03	13.12
CDT-215	0.00	0.00	21.43	0.00	0.00

CDT-217	0.00	0.00	20.91	0.00	0.00
CDT-219	0.00	0.00	19.21	0.00	0.00
CDT-221	16.05	16.10	16.07	0.03	2.38
CDT-223	19.25	19.29	19.26	0.02	6.76
CDT-225	16.22	16.27	16.24	0.01	6.15
CDT-227	19.42	19.44	19.47	0.06	4.03
CDT-229	20.89	20.90	20.89	0.01	2.74
CDT-231	20.89	20.89	20.90	0.01	14.12
CDT-233	20.71	20.89	20.80	0.04	1.10
CDT-235	0.00	0.00	19.44	0.00	0.00
CDT-237	0.00	0.00	21.49	0.00	0.00
CDT-239	21.52	21.54	21.52	0.03	1.27
CDT-241	20.89	20.90	20.89	0.01	2.60
CDT-243	0.00	0.00	21.50	0.00	0.00
CDT-245	0.00	0.00	21.50	0.00	0.00
CDT-247	20.67	20.71	20.84	0.08	9.85
CDT-249	20.95	20.97	20.95	0.01	8.93
CDT-251	16.39	16.52	16.44	0.00	5.33
CDT-253	19.20	19.25	19.21	0.03	3.57
CDT-255	21.51	21.54	21.51	0.02	12.37
CDT-257	21.51	21.54	21.51	0.02	6.43
CDT-259	19.45	19.49	19.60	0.18	9.77
CDT-261	19.91	20.02	19.98	0.17	10.06
CDT-263	14.03	14.36	14.17	0.01	3.04
CDT-265	4.54	4.69	5.00	0.19	1.75
CDT-267	4.54	4.69	5.00	0.19	2.08
CDT-269	3.41	3.42	3.42	0.00	1.45
CDT-271	17.40	17.45	17.42	0.02	7.08
CDT-273	30.54	31.19	31.89	0.20	14.10
CDT-275	19.69	19.71	19.79	0.02	2.31
CDT-277	17.53	17.57	17.55	0.03	1.84
CDT-279	0.00	0.00	31.19	0.00	0.00
CDT-281	0.29	0.29	17.55	0.00	0.00
CDT-283	19.57	19.60	19.62	0.03	8.64
CDT-285	17.69	17.74	17.71	0.00	5.85
CDT-287	17.83	17.84	17.85	0.00	4.72
CDT-289	18.06	18.10	18.12	0.03	5.54
CDT-291	48.48	48.71	49.13	0.36	17.41
CDT-293	17.14	17.18	17.24	0.24	6.95
CDT-295	31.51	31.89	33.11	0.38	15.49
CDT-297	20.89	20.89	20.96	0.01	6.41
CDT-299	71.96	71.97	72.75	9.29	35.85
CDT-439	43.63	49.46	44.71	46.71	18.98
CDT-525	71.85	71.90	71.85	6.70	29.92
CDT-539	24.74	24.74	64.30	0.09	6.38
CDT-87	0.00	0.00	0.00	0.40	0.00
CDT-91	62.54	62.54	62.54	0.00	6.38
CDT-93	25.12	25.89	26.99	1.38	9.79
CDT-95	19.88	19.95	20.00	0.11	9.87
CDT-97	19.88	19.97	20.08	0.17	9.50
CDT-99	25.82	27.08	26.21	0.34	11.17
J-963_OUTFALL	78.00	78.00	78.00	6.76	5.28
J561_OUTFALL	77.99	77.99	78.00	76.60	36.03
J575_OUTFALL	77.99	77.99	78.00	3.25	15.29
J920_OUTFALL	78.00	78.00	78.00	77.98	21.28
LINK-WELL-2	71.71	71.71	77.99	14.52	33.64
U-1	67.93	70.41	67.93	38.07	45.56
U-100	50.72	57.81	65.82	54.20	29.63
U-101	64.76	70.96	69.77	76.66	26.75
U-102	61.50	65.85	71.76	56.72	32.38
U-103	69.79	69.79	77.98	77.13	31.18
U-104	77.98	77.98	77.99	58.71	33.16
U-105	71.47	71.50	77.91	74.30	33.61
U-106	73.64	73.64	78.00	4.17	26.77
U-11	69.90	70.24	69.90	25.12	35.48
U-110	74.96	74.99	75.20	47.64	31.17
U-112	72.59	72.59	75.20	18.04	29.83
U-113	71.05	72.22	71.05	61.65	35.17
U-114	72.59	75.20	72.59	28.99	40.24
U-118	72.21	72.21	72.21	45.83	41.66
U-121	66.34	72.02	66.34	45.80	45.79
U-122	67.53	67.53	72.02	45.97	37.37
U-125	41.20	48.45	50.10	40.59	26.55
U-129	69.62	71.99	69.62	42.79	27.31
U-13	70.90	70.91	70.90	57.63	44.90
U-131	69.63	71.99	69.63	49.41	42.20
U-141	54.04	61.00	54.04	50.58	23.10
U-142	53.99	54.00	60.98	49.84	20.06
U-147	47.09	60.98	47.10	54.04	29.48
U-15	70.67	70.67	71.39	0.74	13.51
U-150	41.69	47.10	51.45	54.57	28.41

U-153	45.43	51.46	50.51	49.35	34.00
U-155	46.87	50.56	52.65	40.61	30.08
U-156	48.12	52.64	54.72	54.55	29.71
U-158	54.71	54.71	61.00	48.11	30.06
U-16	51.37	51.81	52.10	38.37	31.64
U-160	42.68	47.70	52.04	41.30	21.24
U-161	47.46	50.45	55.83	58.91	26.29
U-165	31.44	38.22	31.83	50.19	22.87
U-167	28.08	31.82	32.13	56.28	18.57
U-17	22.48	22.48	23.27	0.00	1.06
U-171	31.78	38.78	32.14	54.02	24.28
U-172	31.11	32.15	40.67	60.19	21.28
U-176	39.25	40.15	40.67	48.48	26.96
U-177	26.92	28.38	28.17	59.26	9.00
U-18	66.90	66.90	69.84	28.41	31.55
U-181	26.53	28.73	28.15	61.14	17.39
U-184	26.40	28.73	27.78	49.41	10.48
U-186	36.38	39.51	38.37	52.62	10.87
U-191	54.12	61.53	54.14	56.20	33.61
U-193	46.65	54.14	49.36	47.84	24.55
U-195	45.06	49.38	51.28	49.19	28.76
U-196	50.58	51.27	60.19	56.08	30.53
U-197	38.24	42.73	40.69	39.02	11.88
U-199	39.74	42.73	43.39	52.35	23.01
U-20	66.88	69.82	66.90	43.61	39.61
U-200	44.70	45.61	52.88	58.00	24.52
U-201	33.64	36.39	40.67	55.29	19.82
U-202	42.79	46.77	45.46	41.47	18.49
U-203	61.45	61.52	61.49	55.32	36.21
U-204	59.01	59.03	61.49	51.01	23.97
U-206	61.46	61.53	61.49	52.99	33.75
U-207	53.98	58.95	55.67	51.63	30.09
U-208	50.73	55.61	54.08	46.37	35.36
U-211	54.00	54.09	61.37	51.39	31.87
U-213	56.88	56.90	61.44	50.14	35.50
U-214	0.00	0.00	78.00	0.00	0.00
U-22	68.26	69.78	68.27	43.55	44.43
U-220	61.50	61.74	61.63	51.20	23.22
U-221	65.65	65.65	65.65	56.00	38.74
U-227	42.15	44.90	53.02	47.89	33.97
U-228	53.03	53.04	61.51	54.43	33.92
U-231	40.30	42.93	45.55	17.53	12.21
U-232	59.40	59.64	62.55	0.09	9.81
U-233	46.02	46.63	59.00	59.16	20.28
U-237	37.18	49.46	38.18	24.46	13.53
U-239	59.41	60.79	59.64	59.08	41.36
U-240	59.97	61.04	60.19	59.90	33.10
U-242	54.69	56.25	56.89	26.24	32.87
U-244	60.94	61.04	61.00	57.96	30.27
U-245	56.37	56.41	61.02	52.94	29.70
U-249	49.63	52.95	56.41	51.73	29.34
U-25	66.29	68.27	67.60	27.73	37.14
U-251	49.08	54.54	52.98	44.65	29.36
U-253	61.48	61.66	61.52	58.23	43.26
U-254	60.93	61.05	61.24	48.25	31.25
U-256	36.31	41.45	37.46	11.32	11.80
U-259	39.93	46.58	43.48	51.18	32.10
U-26	67.58	67.58	69.80	44.62	23.23
U-260	60.38	60.60	60.60	59.82	26.86
U-261	0.00	0.00	0.00	23.86	0.00
U-262-NEW	0.02	8.25	0.06	25.09	0.01
U-263	14.09	14.09	78.00	0.00	0.00
U-267	59.70	60.64	61.40	50.93	14.26
U-270	60.23	61.39	61.23	51.07	16.19
U-271	61.25	61.25	62.48	56.09	50.69
U-274	67.00	67.00	69.84	29.02	36.03
U-277	67.00	69.84	67.00	37.01	41.53
U-28	64.96	69.80	64.96	39.86	34.35
U-280	56.42	72.68	56.45	58.54	29.76
U-286	52.00	72.94	52.02	54.27	23.63
U-289	46.74	52.02	63.20	53.96	13.81
U-29	64.96	64.96	69.82	43.93	30.84
U-290	46.41	56.46	56.69	50.78	17.38
U-291	52.49	56.71	65.57	53.02	17.12
U-293	63.24	63.24	72.97	47.91	22.65
U-294	63.61	72.97	63.61	70.12	44.83
U-295	58.65	63.62	65.63	58.31	36.85
U-298	56.10	60.19	65.62	55.14	34.27
U-299	55.53	65.66	59.12	50.67	19.48
U-300	51.07	59.10	58.22	32.96	20.69
U-304	73.40	73.56	73.40	67.11	35.54

U-308	60.66	60.73	72.52	55.65	18.67
U-308A	54.52	60.68	62.59	43.83	26.87
U-309	46.44	53.74	60.16	64.95	28.65
U-312	18.86	19.75	19.34	30.72	1.54
U-315	41.40	47.74	42.07	50.98	15.93
U-316	41.72	42.07	47.77	51.07	11.19
U-319	24.12	26.58	27.77	56.49	7.04
U-322	26.94	31.32	27.77	61.31	17.72
U-325	28.48	31.32	29.01	68.80	18.38
U-327	28.43	29.67	33.90	68.18	18.45
U-328	23.58	26.05	26.53	45.13	5.49
U-330	28.52	28.52	73.15	0.00	1.85
U-332	52.71	52.71	73.92	0.20	4.13
U-335	57.38	57.48	72.75	47.29	16.56
U-337	40.29	41.10	70.72	0.00	8.11
U-34	53.92	69.61	53.92	50.38	37.27
U-341	73.85	73.92	73.88	68.20	29.33
U-344	53.71	53.78	73.61	64.38	22.13
U-345	41.12	53.72	53.79	0.21	9.45
U-346	64.40	72.27	64.44	51.57	43.68
U-347	56.16	64.42	62.58	69.07	37.20
U-348	30.09	37.30	36.53	47.74	9.42
U-35	56.32	69.52	56.34	53.83	25.14
U-351	70.44	70.93	71.92	64.57	44.22
U-352	51.18	56.49	65.68	38.45	17.75
U-353	65.70	65.70	74.42	34.12	17.14
U-354	35.05	44.50	41.28	57.05	14.82
U-357	35.08	42.53	41.28	61.91	15.37
U-358	60.36	68.75	63.65	62.67	27.35
U-364	70.74	70.84	70.78	31.82	9.02
U-364A	62.26	62.51	62.35	10.33	11.53
U-366	51.49	72.58	51.51	59.80	25.00
U-37	69.52	69.52	69.52	29.87	42.31
U-372	45.71	51.52	62.57	58.57	14.28
U-373	72.95	73.72	72.95	33.92	27.77
U-376	71.76	72.52	72.95	0.00	5.19
U-379	72.53	72.55	72.54	58.64	51.01
U-38	24.89	25.76	27.24	3.81	4.84
U-382	42.75	47.66	48.24	40.88	28.72
U-385	45.77	51.77	48.24	46.21	16.96
U-386	73.11	73.12	73.12	36.00	42.02
U-388	58.07	62.34	58.47	53.16	38.41
U-390	56.37	58.93	58.46	35.64	20.44
U-391	52.53	52.53	74.00	0.00	3.63
U-392	50.79	52.52	70.51	0.00	9.62
U-394	72.58	72.58	75.39	0.03	2.42
U-397	72.43	72.61	72.56	64.34	41.74
U-398	19.56	20.53	20.22	47.47	6.34
U-399	66.96	75.39	66.96	73.86	31.05
U-402	61.31	72.92	61.35	65.42	44.39
U-404	60.60	61.35	71.59	54.54	37.31
U-406	56.19	72.78	56.26	63.02	27.96
U-407	68.72	70.77	68.73	37.52	36.93
U-408	69.23	70.76	69.24	20.34	19.65
U-409	57.75	61.75	63.70	1.79	15.19
U-411	63.42	63.69	69.87	52.96	30.89
U-412	17.99	18.38	21.06	0.00	1.32
U-413	74.63	77.62	74.64	45.92	31.64
U-414	70.89	77.63	70.90	66.14	39.03
U-415	58.93	58.93	77.64	60.86	26.68
U-416	77.64	77.64	77.70	67.10	43.60
U-417	14.77	14.78	14.77	0.00	6.24
U-418	76.53	76.54	77.85	64.93	41.35
U-419	77.98	78.00	77.98	17.96	0.11
U-420	54.38	54.38	54.38	23.74	27.58
U-421	25.60	26.43	26.41	7.61	13.17
U-423	25.20	26.41	26.27	14.54	16.69
U-428	24.95	26.27	26.15	15.74	13.69
U-430	25.12	26.15	26.55	17.77	17.21
U-434	25.28	26.55	26.52	16.65	15.48
U-437	43.08	51.64	58.70	30.09	25.43
U-439	58.82	58.82	73.18	57.12	23.68
U-44	62.08	62.08	73.44	5.55	23.09
U-440	60.55	60.55	73.18	12.97	13.65
U-441	44.26	49.67	60.43	15.60	12.29
U-443	40.87	51.04	47.04	34.65	22.16
U-445	26.54	30.00	40.94	0.58	8.65
U-447	70.51	70.52	72.61	0.00	24.91
U-448	71.01	71.01	72.79	0.13	20.27
U-449	40.23	41.99	61.22	0.22	17.48
U-45	48.78	57.15	62.07	1.35	27.18

U-450	19.32	21.01	58.71	0.07	3.82
U-451	14.64	21.02	22.15	13.35	3.36
U-452	15.65	23.98	22.07	37.16	4.79
U-454	14.64	16.05	20.69	5.81	7.71
U-456	11.55	13.87	14.12	4.56	7.76
U-463	7.84	8.09	27.16	0.00	0.76
U-464	30.59	31.99	38.01	0.60	6.45
U-466	64.48	64.48	76.47	3.50	3.69
U-468	45.97	46.03	52.12	0.00	0.54
U-468-NEW	22.42	28.97	27.49	10.86	2.10
U-469	47.62	47.63	73.79	1.16	1.42
U-47	73.80	73.80	76.34	50.18	29.46
U-48	54.24	54.24	54.26	3.59	16.00
U-481	71.68	71.69	71.86	51.24	50.02
U-483	71.69	71.88	71.69	49.62	46.00
U-486	41.59	41.92	44.05	2.50	4.15
U-489	38.89	38.98	52.12	0.00	0.28
U-492	53.84	56.29	69.21	52.74	22.56
U-495	72.49	72.49	77.99	2.79	15.67
U-496	45.18	50.28	49.80	77.97	21.95
U-497	0.00	0.02	0.00	77.99	0.00
U-498	0.00	0.00	2.89	77.98	0.00
U-5	65.08	65.08	70.41	0.00	13.15
U-50	54.26	54.26	54.26	33.56	31.91
U-500	77.96	77.96	77.97	0.01	15.46
U-501	46.63	54.57	50.25	77.97	26.61
U-502	74.07	74.07	77.39	0.00	25.27
U-503	18.82	18.82	77.96	0.00	2.16
U-507	17.44	18.76	29.80	35.61	8.30
U-509	4.56	4.80	52.25	0.00	0.14
U-513	46.70	47.42	46.91	47.07	25.09
U-514	53.38	54.00	66.76	3.78	2.75
U-518-NEW	63.10	63.57	63.26	69.15	46.84
U-519-NEW	34.80	36.86	39.28	0.00	0.37
U-522	11.14	11.15	56.43	0.00	0.19
U-523	22.78	22.83	22.82	13.56	12.99
U-524-NEW	15.87	15.93	18.67	0.00	0.00
U-525	16.72	16.78	16.74	17.42	5.95
U-526	16.42	16.44	16.75	18.42	7.90
U-527	16.79	16.79	16.81	18.24	7.94
U-53	52.94	52.94	52.94	33.01	31.64
U-530	23.11	23.16	67.93	0.00	2.12
U-531	69.97	69.97	71.46	44.60	34.48
U-533	72.01	72.01	72.05	2.17	7.53
U-534-NEW	78.00	78.00	78.00	51.82	28.48
U-537	72.01	72.01	72.18	3.15	4.27
U-538	67.79	67.79	71.57	0.00	18.84
U-54	52.50	52.94	52.50	22.90	19.87
U-543	61.58	68.80	64.02	0.00	17.90
U-545	71.24	71.24	71.24	61.34	28.32
U-547	78.00	78.00	78.00	38.84	33.68
U-548	15.10	15.11	70.82	0.00	0.05
U-549	15.07	15.08	65.29	0.00	0.20
U-55	52.50	52.50	52.94	19.31	16.69
U-550	70.72	71.60	71.00	0.00	22.28
U-555	71.52	71.52	72.01	0.00	0.86
U-557	62.30	72.23	62.30	61.04	34.40
U-559	54.99	62.25	60.79	42.65	23.85
U-56	47.95	52.94	47.95	38.94	19.13
U-562	60.85	60.85	72.23	59.44	31.17
U-565	72.22	72.22	72.23	57.27	43.84
U-568	51.25	57.96	57.67	42.53	30.11
U-569	53.74	57.68	60.42	33.35	23.89
U-570	58.48	60.43	69.32	1.54	21.83
U-572	66.39	69.31	68.64	30.88	34.81
U-573	12.60	12.60	72.53	0.00	0.63
U-574	12.35	12.65	44.59	0.00	1.90
U-575	53.31	53.31	78.00	0.00	0.02
U-580	49.72	53.92	62.46	49.59	27.80
U-583	62.47	62.47	69.62	42.78	31.64
U-584	56.34	56.34	69.60	52.75	14.14
U-587	48.65	49.21	54.91	15.89	13.80
U-589	44.27	54.91	45.02	40.83	28.11
U-59	15.72	15.72	59.62	0.00	0.00
U-590	69.62	69.76	69.62	58.61	30.10
U-591	47.98	47.98	69.78	50.79	18.50
U-596	47.97	47.98	69.76	54.46	23.90
U-599	38.57	47.67	41.82	26.46	14.18
U-60	62.91	62.91	72.07	43.60	34.64
U-601	69.76	69.76	69.91	61.26	32.41
U-604	69.90	69.90	69.90	49.06	43.61

U-608	53.86	54.80	54.99	43.00	33.96
U-609	25.84	30.03	28.87	36.66	21.19
U-612	26.27	28.88	29.43	38.16	20.89
U-614	26.06	29.43	52.19	0.00	2.72
U-616	42.76	52.20	52.07	51.85	31.36
U-618	70.93	70.93	70.94	56.22	34.71
U-62	72.70	72.70	72.70	61.08	50.34
U-620	77.99	78.00	77.99	25.12	6.19
U-621	77.97	77.99	77.98	55.48	37.57
U-623	62.78	70.35	62.78	62.00	29.76
U-624	55.89	62.79	59.12	33.39	23.17
U-625	51.06	59.11	59.00	52.44	28.91
U-628	58.99	58.99	70.24	54.68	29.07
U-629	26.37	29.23	29.40	26.89	8.35
U-632	8.51	8.51	8.52	7.00	7.19
U-633	8.50	8.51	8.51	19.76	7.24
U-637	8.57	8.58	8.60	28.26	7.24
U-64	74.42	74.42	74.53	57.55	24.05
U-640	8.55	8.60	8.58	30.25	7.49
U-643	8.56	8.61	8.60	22.60	2.73
U-646	47.20	52.16	62.16	58.02	28.74
U-648	58.74	62.10	71.44	57.61	24.59
U-649	71.09	71.51	77.44	62.29	32.47
U-651	77.34	77.50	77.81	43.47	33.13
U-652	77.96	77.96	78.00	76.01	29.80
U-653	51.64	51.94	77.39	63.16	29.37
U-656	41.91	61.19	51.89	58.12	20.23
U-657	61.33	77.91	61.34	62.08	30.12
U-659-NEW	77.99	77.99	78.00	19.42	21.46
U-66	59.40	74.53	60.15	72.08	45.35
U-663	2.79	4.20	6.81	57.85	1.26
U-668	3.22	4.96	3.42	57.34	2.08
U-671	3.96	5.02	4.08	57.70	3.11
U-674	3.84	3.92	3.93	40.23	3.01
U-675	1.74	2.08	2.02	51.99	0.24
U-678	1.99	2.19	4.13	56.24	1.09
U-68	50.07	60.16	60.50	73.70	30.68
U-681	5.09	7.33	6.21	57.76	2.90
U-682	6.37	9.60	6.95	57.30	3.26
U-684	77.11	77.11	77.14	3.53	12.32
U-685	76.83	76.86	76.87	58.74	44.01
U-686	76.84	76.86	76.86	71.69	49.87
U-687	73.37	73.38	73.60	39.68	27.14
U-688	72.35	73.60	72.37	33.73	31.22
U-690	54.98	54.98	76.97	18.50	18.31
U-694	54.98	54.98	54.98	40.99	17.75
U-695	39.37	40.45	42.13	5.12	11.44
U-696	50.16	50.26	50.25	16.61	15.34
U-70	50.69	60.53	58.46	71.96	29.69
U-701	57.55	57.55	71.83	0.00	6.21
U-704	72.43	72.43	72.45	63.87	40.90
U-706	16.35	16.35	61.43	0.00	0.00
U-707	57.08	57.71	58.60	5.03	22.25
U-708	69.75	72.08	69.75	44.86	44.44
U-71	50.30	58.47	59.78	73.46	31.13
U-710	69.73	69.73	72.08	20.10	33.37
U-711	62.59	62.81	71.65	41.65	33.18
U-717	72.94	73.44	72.96	34.85	43.70
U-718	72.90	72.96	73.45	41.18	41.84
U-719	25.66	25.81	25.91	15.97	12.16
U-720	77.83	77.89	77.83	76.04	20.63
U-721-NEW	77.94	77.94	77.94	32.93	37.97
U-725	69.93	71.47	69.93	41.12	43.33
U-727	3.58	3.78	3.58	43.56	3.36
U-729	3.81	4.55	4.08	49.45	3.08
U-73	54.02	59.79	62.81	71.15	33.70
U-731	5.87	7.19	6.29	54.10	4.85
U-732	5.79	6.35	6.37	48.34	3.90
U-734	7.41	10.14	9.77	55.87	2.27
U-736	6.40	7.36	8.35	56.19	2.21
U-738	5.72	6.57	7.29	57.28	1.10
U-74	53.46	58.25	62.84	29.62	16.56
U-740	4.96	6.57	6.25	53.45	3.69
U-741	2.91	3.04	5.11	56.03	1.10
U-743	2.69	2.77	2.95	56.28	1.43
U-745	1.50	2.77	1.55	54.54	1.37
U-747	0.90	1.58	1.05	54.77	0.59
U-749	0.87	1.14	1.26	51.39	0.28
U-75	56.11	62.80	64.99	72.77	33.58
U-751	1.04	1.45	1.38	40.51	0.37
U-753	1.13	1.39	2.56	38.36	0.36

U-755	3.69	4.44	4.36	31.96	2.33
U-763	1.36	1.54	1.36	19.18	1.34
U-766	0.38	0.45	0.38	9.49	0.36
U-769	0.00	0.38	0.00	18.69	0.00
U-77	61.64	64.98	71.98	73.42	36.39
U-772	0.00	0.00	0.00	17.17	0.00
U-775	0.00	0.00	0.00	2.66	0.00
U-778	0.10	0.10	18.63	71.43	0.00
U-783	17.72	17.76	18.87	20.34	14.66
U-786	7.10	7.73	8.11	15.12	5.49
U-789	7.58	8.10	8.35	21.37	3.22
U-792	8.12	8.35	8.74	26.88	3.75
U-795	6.02	6.19	6.33	3.84	3.21
U-796	18.63	21.40	18.63	71.79	16.30
U-8	66.25	66.25	70.56	0.00	14.24
U-801	19.52	19.54	21.43	20.80	14.42
U-804	13.43	14.18	15.37	20.71	10.18
U-807	14.63	15.37	16.12	26.70	10.57
U-81	69.11	72.09	73.94	72.30	36.27
U-810	16.05	16.12	17.41	28.22	11.30
U-811	7.82	8.26	8.32	7.30	3.14
U-815	7.86	8.38	8.32	46.65	3.21
U-816	21.46	21.81	21.46	69.01	18.41
U-82	65.00	74.01	67.63	75.74	36.82
U-820	19.21	19.25	21.89	19.81	12.14
U-823	12.54	13.58	14.71	23.65	9.19
U-826	13.51	14.71	15.73	32.82	8.61
U-829	14.84	15.73	16.80	38.83	9.03
U-83	67.46	67.48	77.55	75.45	30.40
U-832	16.71	16.81	18.02	18.88	6.80
U-833	7.68	8.05	7.72	19.18	4.17
U-834-EAC	39.28	41.35	46.15	5.65	18.69
U-835	72.54	72.54	73.63	0.10	16.72
U-837	64.44	67.29	69.22	1.16	32.04
U-838	59.07	67.66	60.81	49.39	27.83
U-839	49.94	60.76	53.69	52.65	28.01
U-840	51.32	53.66	66.07	55.06	27.92
U-841	43.01	47.41	46.57	44.48	20.01
U-842	60.48	71.64	60.48	64.93	36.56
U-846	15.44	15.44	15.50	0.00	0.00
U-847	14.77	14.77	15.18	0.07	0.00
U-848	60.04	60.07	60.04	47.50	45.57
U-851	69.51	69.51	69.51	39.47	47.62
U-852	69.51	69.52	69.51	43.53	38.87
U-854	50.10	53.39	52.42	25.60	30.99
U-856	52.19	54.72	53.45	23.85	32.38
U-858	50.83	53.44	53.27	26.80	34.24
U-860	49.90	53.27	52.45	27.29	34.17
U-863	61.24	61.37	61.38	28.32	33.51
U-864	73.18	73.18	73.23	0.00	25.35
U-865	73.18	73.18	73.60	0.00	16.98
U-866	76.87	76.88	76.87	68.58	39.21
U-867	77.99	77.99	78.00	0.90	0.90
U-868	77.99	77.99	78.00	1.52	1.52
U-869	77.98	77.98	78.00	0.01	0.01
U-871	77.99	77.99	78.00	0.04	14.79
U-872	53.59	55.44	58.07	8.13	16.71
U-874-NEW	77.98	77.99	77.99	5.62	5.30
U-875	47.72	47.72	78.00	38.43	0.00
U-878	13.13	16.11	17.97	67.97	7.99
U-879	16.77	17.97	38.54	71.90	9.66
U-88	68.92	68.92	77.00	71.50	32.33
U-880	29.64	30.89	53.70	0.00	10.31
U-885	78.00	78.00	78.00	77.89	44.99
U-90	69.12	69.85	69.28	76.80	54.53
U-91	21.27	22.08	22.94	67.84	4.60
U-92	17.22	17.73	17.67	42.62	6.69
U-96	16.74	23.78	18.67	77.45	6.71
U-97	18.84	31.43	19.15	77.61	5.62
U-98	77.94	77.94	77.95	71.25	38.45
U-99	68.76	75.09	71.00	76.50	31.26

****
Pumping Summary
****

Pump	Percent Utilized	Number of Start-Ups	Min Flow CFS	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal	Power Usage Kw-hr	% Time Off Pump Curve Low	% Time Off Pump Curve High
PS-HC1-LAG	12.94	654	8.00	8.00	8.00	2.173	87.75	0.0	100.0
PS-HC1-LEAD	12.94	654	8.00	8.00	8.00	2.173	87.75	0.0	100.0

Analysis begun on: Tue Nov 17 10:00:26 2015
Analysis ended on: Tue Nov 17 10:06:53 2015
Total elapsed time: 00:06:27

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  ------------------------------------------------------------------
    US-EPA Storm Water Management Model - Version 5.1 (Build 5.1.007)
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-101
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-103
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-105
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-107
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-109
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-111
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-113
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-115
Warning 03: negative offset -1.060 ignored for Link CDT-121
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-123
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-125
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-173
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-175
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-177
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-179
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-181
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-183
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-185
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-187
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-189
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-191
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-193
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-195
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-197
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-199
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-201
Warning 03: negative offset -3.560 ignored for Link CDT-205
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-207
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-209
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-211
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-213
Warning 03: negative offset -3.560 ignored for Link CDT-215
Warning 03: negative offset -4.060 ignored for Link CDT-217
Warning 03: negative offset -3.560 ignored for Link CDT-219
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-221
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-223
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-225
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-227
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-229
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-231
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-233
Warning 03: negative offset -3.560 ignored for Link CDT-235
Warning 03: negative offset -4.760 ignored for Link CDT-237
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-239
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-241
Warning 03: negative offset -4.760 ignored for Link CDT-243
Warning 03: negative offset -4.760 ignored for Link CDT-245
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-247
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-249
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-251
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-253
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-255
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-257
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-259
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-261
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-263
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-265
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-267
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-269
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-271
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-273
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-275
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-277
Warning 03: negative offset -3.560 ignored for Link CDT-279
Warning 03: negative offset -3.560 ignored for Link CDT-281
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-283
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-285
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-287
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-289
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-291
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-293
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-295
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-297
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-299
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-439
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-525
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-87
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-91
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-93
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-95
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-97
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-99
Warning 04: minimum elevation drop 0.001 used for Conduit J-963_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J561_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J575_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J920_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit U-1
Warning 04: minimum elevation drop 0.001 used for Conduit U-100
Warning 04: minimum elevation drop 0.001 used for Conduit U-101
Warning 04: minimum elevation drop 0.001 used for Conduit U-102
Warning 04: minimum elevation drop 0.001 used for Conduit U-103
Warning 04: minimum elevation drop 0.001 used for Conduit U-104
Warning 04: minimum elevation drop 0.001 used for Conduit U-105
Warning 04: minimum elevation drop 0.001 used for Conduit U-11
Warning 04: minimum elevation drop 0.001 used for Conduit U-110
Warning 04: minimum elevation drop 0.001 used for Conduit U-112
Warning 04: minimum elevation drop 0.001 used for Conduit U-113
Warning 04: minimum elevation drop 0.001 used for Conduit U-114
Warning 04: minimum elevation drop 0.001 used for Conduit U-118
Warning 04: minimum elevation drop 0.001 used for Conduit U-121
Warning 04: minimum elevation drop 0.001 used for Conduit U-122
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Warning 04: minimum elevation drop 0.001 used for Conduit U-142
Warning 04: minimum elevation drop 0.001 used for Conduit U-147
Warning 03: negative offset -0.500 ignored for Link U-15
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Warning 04: minimum elevation drop 0.001 used for Conduit U-155
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Warning 04: minimum elevation drop 0.001 used for Conduit U-240
Warning 04: minimum elevation drop 0.001 used for Conduit U-242
Warning 04: minimum elevation drop 0.001 used for Conduit U-244
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Warning 04: minimum elevation drop 0.001 used for Conduit U-245
Warning 04: minimum elevation drop 0.001 used for Conduit U-249
Warning 04: minimum elevation drop 0.001 used for Conduit U-25
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Warning 04: minimum elevation drop 0.001 used for Conduit U-259
Warning 04: minimum elevation drop 0.001 used for Conduit U-26
Warning 04: minimum elevation drop 0.001 used for Conduit U-260
Warning 04: minimum elevation drop 0.001 used for Conduit U-261
Warning 04: minimum elevation drop 0.001 used for Conduit U-262-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-267
Warning 04: minimum elevation drop 0.001 used for Conduit U-270
Warning 04: minimum elevation drop 0.001 used for Conduit U-271
Warning 04: minimum elevation drop 0.001 used for Conduit U-274
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Warning 04: minimum elevation drop 0.001 used for Conduit U-308A
Warning 04: minimum elevation drop 0.001 used for Conduit U-309
Warning 04: minimum elevation drop 0.001 used for Conduit U-312
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Warning 04: minimum elevation drop 0.001 used for Conduit U-322
Warning 04: minimum elevation drop 0.001 used for Conduit U-325
Warning 04: minimum elevation drop 0.001 used for Conduit U-327
Warning 04: minimum elevation drop 0.001 used for Conduit U-328
Warning 03: negative offset -1.000 ignored for Link U-330
Warning 03: negative offset -1.000 ignored for Link U-332
Warning 04: minimum elevation drop 0.001 used for Conduit U-335
Warning 04: minimum elevation drop 0.001 used for Conduit U-34
Warning 04: minimum elevation drop 0.001 used for Conduit U-341
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Warning 04: minimum elevation drop 0.001 used for Conduit U-346
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Warning 04: minimum elevation drop 0.001 used for Conduit U-35
Warning 04: minimum elevation drop 0.001 used for Conduit U-351
Warning 04: minimum elevation drop 0.001 used for Conduit U-352
Warning 04: minimum elevation drop 0.001 used for Conduit U-353
Warning 04: minimum elevation drop 0.001 used for Conduit U-354
Warning 04: minimum elevation drop 0.001 used for Conduit U-357
Warning 04: minimum elevation drop 0.001 used for Conduit U-358
Warning 04: minimum elevation drop 0.001 used for Conduit U-364
Warning 04: minimum elevation drop 0.001 used for Conduit U-364A
Warning 04: minimum elevation drop 0.001 used for Conduit U-366
Warning 04: minimum elevation drop 0.001 used for Conduit U-37
Warning 04: minimum elevation drop 0.001 used for Conduit U-372
Warning 04: minimum elevation drop 0.001 used for Conduit U-373
Warning 04: minimum elevation drop 0.001 used for Conduit U-379
Warning 04: minimum elevation drop 0.001 used for Conduit U-38
Warning 04: minimum elevation drop 0.001 used for Conduit U-382
Warning 04: minimum elevation drop 0.001 used for Conduit U-385
Warning 04: minimum elevation drop 0.001 used for Conduit U-386
Warning 04: minimum elevation drop 0.001 used for Conduit U-388
Warning 04: minimum elevation drop 0.001 used for Conduit U-390
Warning 03: negative offset -1.000 ignored for Link U-391
Warning 03: negative offset -0.500 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-394
Warning 04: minimum elevation drop 0.001 used for Conduit U-397
Warning 04: minimum elevation drop 0.001 used for Conduit U-398
Warning 04: minimum elevation drop 0.001 used for Conduit U-399
Warning 04: minimum elevation drop 0.001 used for Conduit U-402
Warning 04: minimum elevation drop 0.001 used for Conduit U-404
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-406
Warning 04: minimum elevation drop 0.001 used for Conduit U-407
Warning 03: negative offset -0.030 ignored for Link U-408
Warning 03: negative offset -0.030 ignored for Link U-409
Warning 04: minimum elevation drop 0.001 used for Conduit U-411
Warning 04: minimum elevation drop 0.001 used for Conduit U-413
Warning 04: minimum elevation drop 0.001 used for Conduit U-414
Warning 04: minimum elevation drop 0.001 used for Conduit U-415
Warning 04: minimum elevation drop 0.001 used for Conduit U-416
Warning 04: minimum elevation drop 0.001 used for Conduit U-417
Warning 04: minimum elevation drop 0.001 used for Conduit U-418
Warning 03: negative offset -1.060 ignored for Link U-419
Warning 04: minimum elevation drop 0.001 used for Conduit U-420
Warning 04: minimum elevation drop 0.001 used for Conduit U-421
Warning 04: minimum elevation drop 0.001 used for Conduit U-423
Warning 04: minimum elevation drop 0.001 used for Conduit U-428
Warning 04: minimum elevation drop 0.001 used for Conduit U-430
Warning 04: minimum elevation drop 0.001 used for Conduit U-434
Warning 04: minimum elevation drop 0.001 used for Conduit U-437
Warning 04: minimum elevation drop 0.001 used for Conduit U-439
Warning 04: minimum elevation drop 0.001 used for Conduit U-48
Warning 04: minimum elevation drop 0.001 used for Conduit U-481
Warning 04: minimum elevation drop 0.001 used for Conduit U-483
Warning 04: minimum elevation drop 0.001 used for Conduit U-496
Warning 04: minimum elevation drop 0.001 used for Conduit U-497
Warning 04: minimum elevation drop 0.001 used for Conduit U-498
Warning 04: minimum elevation drop 0.001 used for Conduit U-50
Warning 04: minimum elevation drop 0.001 used for Conduit U-501
Warning 04: minimum elevation drop 0.001 used for Conduit U-513
Warning 04: minimum elevation drop 0.001 used for Conduit U-518-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-523
Warning 03: negative offset -3.560 ignored for Link U-524-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-525
Warning 04: minimum elevation drop 0.001 used for Conduit U-526
Warning 04: minimum elevation drop 0.001 used for Conduit U-527
Warning 04: minimum elevation drop 0.001 used for Conduit U-53
Warning 04: minimum elevation drop 0.001 used for Conduit U-531
Warning 04: minimum elevation drop 0.001 used for Conduit U-534-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-54
Warning 04: minimum elevation drop 0.001 used for Conduit U-545
Warning 04: minimum elevation drop 0.001 used for Conduit U-547
Warning 04: minimum elevation drop 0.001 used for Conduit U-55
Warning 04: minimum elevation drop 0.001 used for Conduit U-557
Warning 04: minimum elevation drop 0.001 used for Conduit U-559
Warning 04: minimum elevation drop 0.001 used for Conduit U-56
Warning 04: minimum elevation drop 0.001 used for Conduit U-562
Warning 04: minimum elevation drop 0.001 used for Conduit U-565
Warning 04: minimum elevation drop 0.001 used for Conduit U-568
Warning 04: minimum elevation drop 0.001 used for Conduit U-569
Warning 04: minimum elevation drop 0.001 used for Conduit U-572
Warning 04: minimum elevation drop 0.001 used for Conduit U-580
Warning 04: minimum elevation drop 0.001 used for Conduit U-583
Warning 04: minimum elevation drop 0.001 used for Conduit U-584
Warning 04: minimum elevation drop 0.001 used for Conduit U-587
Warning 04: minimum elevation drop 0.001 used for Conduit U-589
Warning 04: minimum elevation drop 0.001 used for Conduit U-590
Warning 04: minimum elevation drop 0.001 used for Conduit U-591
Warning 04: minimum elevation drop 0.001 used for Conduit U-596
Warning 04: minimum elevation drop 0.001 used for Conduit U-599
Warning 04: minimum elevation drop 0.001 used for Conduit U-60
Warning 04: minimum elevation drop 0.001 used for Conduit U-601
Warning 04: minimum elevation drop 0.001 used for Conduit U-604
Warning 04: minimum elevation drop 0.001 used for Conduit U-608
Warning 04: minimum elevation drop 0.001 used for Conduit U-609
Warning 04: minimum elevation drop 0.001 used for Conduit U-612
Warning 03: negative offset -1.000 ignored for Link U-614
Warning 04: minimum elevation drop 0.001 used for Conduit U-616
Warning 04: minimum elevation drop 0.001 used for Conduit U-618
Warning 04: minimum elevation drop 0.001 used for Conduit U-62
Warning 04: minimum elevation drop 0.001 used for Conduit U-621
Warning 04: minimum elevation drop 0.001 used for Conduit U-623
Warning 04: minimum elevation drop 0.001 used for Conduit U-624
Warning 04: minimum elevation drop 0.001 used for Conduit U-625
Warning 04: minimum elevation drop 0.001 used for Conduit U-628
Warning 04: minimum elevation drop 0.001 used for Conduit U-629
Warning 04: minimum elevation drop 0.001 used for Conduit U-632
Warning 03: negative offset -1.000 ignored for Link U-633
Warning 03: negative offset -1.000 ignored for Link U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-637
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-64
Warning 04: minimum elevation drop 0.001 used for Conduit U-640
Warning 04: minimum elevation drop 0.001 used for Conduit U-643
Warning 04: minimum elevation drop 0.001 used for Conduit U-646
Warning 04: minimum elevation drop 0.001 used for Conduit U-648
Warning 04: minimum elevation drop 0.001 used for Conduit U-649
Warning 04: minimum elevation drop 0.001 used for Conduit U-651
Warning 04: minimum elevation drop 0.001 used for Conduit U-652
Warning 04: minimum elevation drop 0.001 used for Conduit U-653
Warning 04: minimum elevation drop 0.001 used for Conduit U-656
Warning 04: minimum elevation drop 0.001 used for Conduit U-657
Warning 04: minimum elevation drop 0.001 used for Conduit U-659-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-66
Warning 04: minimum elevation drop 0.001 used for Conduit U-663
Warning 04: minimum elevation drop 0.001 used for Conduit U-668
Warning 04: minimum elevation drop 0.001 used for Conduit U-671
Warning 04: minimum elevation drop 0.001 used for Conduit U-674
Warning 04: minimum elevation drop 0.001 used for Conduit U-675
Warning 04: minimum elevation drop 0.001 used for Conduit U-678
Warning 04: minimum elevation drop 0.001 used for Conduit U-68
Warning 04: minimum elevation drop 0.001 used for Conduit U-681
Warning 04: minimum elevation drop 0.001 used for Conduit U-682
Warning 04: minimum elevation drop 0.001 used for Conduit U-685
Warning 04: minimum elevation drop 0.001 used for Conduit U-686
Warning 04: minimum elevation drop 0.001 used for Conduit U-687
Warning 04: minimum elevation drop 0.001 used for Conduit U-688
Warning 04: minimum elevation drop 0.001 used for Conduit U-690
Warning 04: minimum elevation drop 0.001 used for Conduit U-694
Warning 04: minimum elevation drop 0.001 used for Conduit U-695
Warning 04: minimum elevation drop 0.001 used for Conduit U-696
Warning 04: minimum elevation drop 0.001 used for Conduit U-70
Warning 04: minimum elevation drop 0.001 used for Conduit U-704
Warning 04: minimum elevation drop 0.001 used for Conduit U-707
Warning 04: minimum elevation drop 0.001 used for Conduit U-708
Warning 04: minimum elevation drop 0.001 used for Conduit U-71
Warning 04: minimum elevation drop 0.001 used for Conduit U-710
Warning 04: minimum elevation drop 0.001 used for Conduit U-711
Warning 04: minimum elevation drop 0.001 used for Conduit U-717
Warning 04: minimum elevation drop 0.001 used for Conduit U-718
Warning 04: minimum elevation drop 0.001 used for Conduit U-719
Warning 04: minimum elevation drop 0.001 used for Conduit U-720
Warning 04: minimum elevation drop 0.001 used for Conduit U-721-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-725
Warning 04: minimum elevation drop 0.001 used for Conduit U-727
Warning 04: minimum elevation drop 0.001 used for Conduit U-729
Warning 04: minimum elevation drop 0.001 used for Conduit U-73
Warning 04: minimum elevation drop 0.001 used for Conduit U-731
Warning 04: minimum elevation drop 0.001 used for Conduit U-732
Warning 04: minimum elevation drop 0.001 used for Conduit U-734
Warning 04: minimum elevation drop 0.001 used for Conduit U-736
Warning 04: minimum elevation drop 0.001 used for Conduit U-738
Warning 04: minimum elevation drop 0.001 used for Conduit U-74
Warning 04: minimum elevation drop 0.001 used for Conduit U-740
Warning 04: minimum elevation drop 0.001 used for Conduit U-741
Warning 04: minimum elevation drop 0.001 used for Conduit U-743
Warning 04: minimum elevation drop 0.001 used for Conduit U-745
Warning 04: minimum elevation drop 0.001 used for Conduit U-747
Warning 04: minimum elevation drop 0.001 used for Conduit U-749
Warning 04: minimum elevation drop 0.001 used for Conduit U-75
Warning 04: minimum elevation drop 0.001 used for Conduit U-751
Warning 04: minimum elevation drop 0.001 used for Conduit U-753
Warning 04: minimum elevation drop 0.001 used for Conduit U-755
Warning 04: minimum elevation drop 0.001 used for Conduit U-763
Warning 04: minimum elevation drop 0.001 used for Conduit U-766
Warning 04: minimum elevation drop 0.001 used for Conduit U-769
Warning 04: minimum elevation drop 0.001 used for Conduit U-77
Warning 04: minimum elevation drop 0.001 used for Conduit U-772
Warning 04: minimum elevation drop 0.001 used for Conduit U-775
Warning 04: minimum elevation drop 0.001 used for Conduit U-778
Warning 04: minimum elevation drop 0.001 used for Conduit U-783
Warning 04: minimum elevation drop 0.001 used for Conduit U-786
Warning 04: minimum elevation drop 0.001 used for Conduit U-789
Warning 04: minimum elevation drop 0.001 used for Conduit U-792
Warning 04: minimum elevation drop 0.001 used for Conduit U-795
Warning 04: minimum elevation drop 0.001 used for Conduit U-796
Warning 04: minimum elevation drop 0.001 used for Conduit U-801
Warning 04: minimum elevation drop 0.001 used for Conduit U-804
Warning 04: minimum elevation drop 0.001 used for Conduit U-807
Warning 04: minimum elevation drop 0.001 used for Conduit U-81
Warning 04: minimum elevation drop 0.001 used for Conduit U-810
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-811
Warning 04: minimum elevation drop 0.001 used for Conduit U-815
Warning 04: minimum elevation drop 0.001 used for Conduit U-816
Warning 04: minimum elevation drop 0.001 used for Conduit U-82
Warning 04: minimum elevation drop 0.001 used for Conduit U-820
Warning 04: minimum elevation drop 0.001 used for Conduit U-823
Warning 04: minimum elevation drop 0.001 used for Conduit U-826
Warning 04: minimum elevation drop 0.001 used for Conduit U-829
Warning 04: minimum elevation drop 0.001 used for Conduit U-83
Warning 04: minimum elevation drop 0.001 used for Conduit U-832
Warning 04: minimum elevation drop 0.001 used for Conduit U-833
Warning 04: minimum elevation drop 0.001 used for Conduit U-834-EAC
Warning 03: negative offset -0.388 ignored for Link U-835
Warning 03: negative offset -1.200 ignored for Link U-835
Warning 04: minimum elevation drop 0.001 used for Conduit U-838
Warning 04: minimum elevation drop 0.001 used for Conduit U-839
Warning 04: minimum elevation drop 0.001 used for Conduit U-840
Warning 04: minimum elevation drop 0.001 used for Conduit U-841
Warning 04: minimum elevation drop 0.001 used for Conduit U-842
Warning 04: minimum elevation drop 0.001 used for Conduit U-848
Warning 04: minimum elevation drop 0.001 used for Conduit U-851
Warning 04: minimum elevation drop 0.001 used for Conduit U-852
Warning 04: minimum elevation drop 0.001 used for Conduit U-854
Warning 04: minimum elevation drop 0.001 used for Conduit U-856
Warning 04: minimum elevation drop 0.001 used for Conduit U-858
Warning 04: minimum elevation drop 0.001 used for Conduit U-860
Warning 04: minimum elevation drop 0.001 used for Conduit U-863
Warning 03: negative offset -0.298 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-865
Warning 04: minimum elevation drop 0.001 used for Conduit U-866
Warning 03: negative offset -0.060 ignored for Link U-869
Warning 04: minimum elevation drop 0.001 used for Conduit U-872
Warning 04: minimum elevation drop 0.001 used for Conduit U-874-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-878
Warning 04: minimum elevation drop 0.001 used for Conduit U-879
Warning 04: minimum elevation drop 0.001 used for Conduit U-88
Warning 04: minimum elevation drop 0.001 used for Conduit U-885
Warning 04: minimum elevation drop 0.001 used for Conduit U-90
Warning 04: minimum elevation drop 0.001 used for Conduit U-91
Warning 04: minimum elevation drop 0.001 used for Conduit U-92
Warning 04: minimum elevation drop 0.001 used for Conduit U-96
Warning 04: minimum elevation drop 0.001 used for Conduit U-97
Warning 04: minimum elevation drop 0.001 used for Conduit U-98
Warning 04: minimum elevation drop 0.001 used for Conduit U-99
  WARNING 10: crest elevation is below downstream invert for regulator Link WEIR-63
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-19
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-21
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-23
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-25
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-27
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-29
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-31
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-33
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-37
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-39
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-41
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-43
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-45
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-49
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-51
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-53
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-55
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-57
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-59
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-61
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-63
  WARNING 10: crest elevation is below downstream invert for regulator Link J33A_OUTFALL
  WARNING 10: crest elevation is below downstream invert for regulator Link U-331
  WARNING 10: crest elevation is below downstream invert for regulator Link W-ENID-DRIVE
  WARNING 10: crest elevation is below downstream invert for regulator Link WELL-W-MCINTYRE
Warning 02: maximum depth 6.600 increased for Node J-109
Warning 02: maximum depth 6.210 increased for Node J-126
Warning 02: maximum depth 6.040 increased for Node J-127
Warning 02: maximum depth 6.080 increased for Node J-128
Warning 02: maximum depth 10.360 increased for Node J-15A
Warning 02: maximum depth 6.110 increased for Node J-259
Warning 02: maximum depth 8.950 increased for Node J-268
Warning 02: maximum depth 6.260 increased for Node J-278
Warning 02: maximum depth 8.950 increased for Node J-284
```

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Warning 02: maximum depth 10.460 increased for Node J-328A
Warning 02: maximum depth 11.060 increased for Node J-432B
Warning 02: maximum depth 8.950 increased for Node J-444-WEIR
Warning 02: maximum depth 10.760 increased for Node J-54B
Warning 02: maximum depth 6.090 increased for Node J-570
Warning 02: maximum depth 7.560 increased for Node J-611
Warning 02: maximum depth 7.950 increased for Node J-692-WEIR
Warning 02: maximum depth 9.560 increased for Node J-757
Warning 02: maximum depth 9.500 increased for Node J-902

  ************************************************************
    NOTE: The summary statistics displayed in this report are
    based on results found at every computational time step,
    not just on results from each reporting time step.
  ************************************************************

  ********************
    Analysis Options
  ********************
  Flow Units ............... CFS
  Process Models:
    Rainfall/Runoff ........ YES
    RDII ................... NO
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Ponding Allowed ........ YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ JAN-01-2002 00:00:00
  Ending Date .............. JAN-04-2002 06:00:00
  Antecedent Dry Days ...... 5.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 00:05:00
  Routing Time Step ........ 4.00 sec
  Variable Time Step ....... YES
  Maximum Trials ........... 5
  Head Tolerance ........... 1.000000 ft


  *************************        Volume         Depth
  Runoff Quantity Continuity     acre-feet        inches
  *************************     ---------       -------
  Total Precipitation ......       373.653        10.870
  Evaporation Loss .........         0.000         0.000
  Infiltration Loss ........        50.101         1.458
  Surface Runoff ...........       264.992         7.709
  Final Surface Storage ....        58.744         1.709
  Continuity Error (%) .....        -0.049


  *************************        Volume        Volume
  Flow Routing Continuity        acre-feet      10^6 gal
  *************************     ---------     ---------
  Dry Weather Inflow .......         0.000         0.000
  Wet Weather Inflow .......       264.561        86.211
  Groundwater Inflow .......         0.000         0.000
  RDII Inflow ..............         0.000         0.000
  External Inflow ..........         0.000         0.000
  External Outflow .........       241.817        78.800
  Internal Outflow .........         0.000         0.000
  Evaporation Loss .........         0.000         0.000
  Exfiltration Loss ........         0.000         0.000
  Initial Stored Volume ....         0.033         0.011
  Final Stored Volume ......        24.576         8.008
  Continuity Error (%) .....        -0.680


  ****************************
    Highest Continuity Errors
  ****************************
  Node J-566-WEIR                          -213.91%    -1.0349
  Node JCT-26-WEIR                         -111.52%    -1.7062
  Node J-748-WEIR-STANTEC                   -70.62%    -2.4163
  Node J-444-WEIR                           -39.59%    -0.7267
  Node JCT-26                               -32.44%    -0.8637
  Node J-354B                                23.75%     0.3785
  Node J-618                                 22.70%     0.1827
```

```
Node J-174                                22.14%     0.1561
Node J-632                                21.49%     0.1577
Node J-82                                 21.39%     0.2346
Node J-902                               -21.23%    -0.3698
Node J-61A                                21.14%     0.0822
Node J-792                               -20.87%    -0.1751
Node J-104                                19.85%     0.5148
Node J-566                                19.80%     0.6811
Node J-54A                                18.76%     0.0831
Node J-256                               -17.71%    -0.2765
Node J-697                                17.51%     0.1982
Node J-748                                17.48%     1.0872
Node J-588                                17.16%     0.2172
                                                    -3.5958 Mgal


*******************************
  Time-Step Critical Elements
*******************************
Link U-262-NEW (15.15%)
Link U-346 (5.06%)
Link U-300 (4.19%)
Link U-295 (3.40%)
Link U-837 (3.22%)
Link U-155 (2.88%)
Link U-496 (2.86%)
Link U-193 (2.77%)
Link U-390 (2.44%)
Link U-199 (2.00%)
Link U-293 (1.88%)
Link U-298 (1.85%)
Link U-599 (1.79%)
Link U-105 (1.77%)
Link U-587 (1.71%)
Link U-231 (1.64%)
Link U-64 (1.59%)
Link U-197 (1.58%)
Link U-624 (1.42%)
Link U-572 (1.36%)


**********************************
  Highest Flow Instability Indexes
**********************************
Link U-869 (130)
Link U-550 (82)
Link U-572 (78)
Link U-221 (77)
Link CDT-189 (75)
Link CDT-187 (75)
Link U-652 (74)
Link U-502 (72)
Link U-548 (72)
Link U-651 (72)
Link U-725 (71)
Link U-112 (70)
Link CDT-299 (69)
Link U-864 (69)
Link U-98 (69)
Link U-129 (69)
Link U-710 (67)
Link U-688 (64)
Link U-413 (63)
Link WEIR-J-754-STANTECT (63)

****************************
  Routing Time Step Summary
****************************
Minimum Time Step           :     0.10 sec
Average Time Step           :     0.88 sec
Maximum Time Step           :     4.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     4.75
Percent Not Converging      :    87.18
Total Steps                 :   318687
Total Iterations            :  1515014
```

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
SUB-11856	10.87	0.00	0.00	1.41	8.29	0.42	4.85	0.763
SUB-11868	10.87	0.00	0.00	0.90	7.75	0.52	4.63	0.713
SUB-11924	10.87	0.00	0.00	1.60	8.09	0.62	7.22	0.744
SUB-11926	10.87	0.00	0.00	1.60	7.20	1.34	12.28	0.662
SUB-11930	10.87	0.00	0.00	1.60	8.13	0.45	5.20	0.748
SUB-11932	10.87	0.00	0.00	2.05	8.38	0.34	4.35	0.771
SUB-11936	10.87	0.00	0.00	1.16	7.41	0.29	2.93	0.681
SUB-11944	10.87	0.00	0.00	1.60	8.19	0.80	9.49	0.753
SUB-11948	10.87	0.00	0.00	1.60	7.98	0.72	8.07	0.734
SUB-11950	10.87	0.00	0.00	1.28	7.91	0.32	3.42	0.728
SUB-11954	10.87	0.00	0.00	1.60	8.51	0.35	4.45	0.783
SUB-11958	10.87	0.00	0.00	1.60	7.73	0.78	8.30	0.711
SUB-11968	10.87	0.00	0.00	2.07	8.41	0.52	6.80	0.773
SUB-11970	10.87	0.00	0.00	1.41	7.95	0.41	4.60	0.732
SUB-11972	10.87	0.00	0.00	1.60	8.16	0.64	7.52	0.751
SUB-11978	10.87	0.00	0.00	1.60	8.29	0.61	7.36	0.763
SUB-11984	10.87	0.00	0.00	1.60	7.96	0.50	5.60	0.732
SUB-11986	10.87	0.00	0.00	1.53	7.78	0.50	5.39	0.716
SUB-11988	10.87	0.00	0.00	1.57	7.90	0.95	10.52	0.727
SUB-11990	10.87	0.00	0.00	1.60	8.38	0.44	5.40	0.771
SUB-11994	10.87	0.00	0.00	1.60	8.53	0.41	5.28	0.784
SUB-11998	10.87	0.00	0.00	1.60	7.71	0.89	9.35	0.709
SUB-12004	10.87	0.00	0.00	1.60	8.46	0.38	4.79	0.778
SUB-12010	10.87	0.00	0.00	1.60	8.46	0.34	4.23	0.778
SUB-12014	10.87	0.00	0.00	0.90	7.84	0.21	1.90	0.721
SUB-12016	10.87	0.00	0.00	1.60	8.24	0.61	7.35	0.758
SUB-12024	10.87	0.00	0.00	1.58	8.00	0.46	5.17	0.736
SUB-12036	10.87	0.00	0.00	1.57	8.12	0.50	5.83	0.747
SUB-12044	10.87	0.00	0.00	0.90	7.83	0.48	4.32	0.721
SUB-12046	10.87	0.00	0.00	1.60	8.11	0.48	5.56	0.746
SUB-12048	10.87	0.00	0.00	1.46	8.61	0.29	3.60	0.792
SUB-12052	10.87	0.00	0.00	1.59	8.41	0.71	8.86	0.773
SUB-12060	10.87	0.00	0.00	1.60	7.98	0.45	5.06	0.734
SUB-12062	10.87	0.00	0.00	1.60	7.79	0.30	3.20	0.717
SUB-12068	10.87	0.00	0.00	1.59	8.32	0.30	3.69	0.766
SUB-12072	10.87	0.00	0.00	1.60	7.55	1.32	13.32	0.695
SUB-12084	10.87	0.00	0.00	1.60	8.03	0.87	9.93	0.738
SUB-12086	10.87	0.00	0.00	1.60	8.13	0.95	11.14	0.748
SUB-12088	10.87	0.00	0.00	1.60	8.02	0.76	8.69	0.738
SUB-12100	10.87	0.00	0.00	1.60	7.56	0.71	7.24	0.695
SUB-12110	10.87	0.00	0.00	1.60	8.00	0.32	3.64	0.736
SUB-12112	10.87	0.00	0.00	1.60	7.71	0.55	5.81	0.709
SUB-12116	10.87	0.00	0.00	1.60	7.76	0.50	5.36	0.714
SUB-12122	10.87	0.00	0.00	1.60	8.74	0.05	0.62	0.804
SUB-12128	10.87	0.00	0.00	1.60	7.91	0.38	4.25	0.728
SUB-12132	10.87	0.00	0.00	1.60	7.63	0.63	6.54	0.702
SUB-12136	10.87	0.00	0.00	1.60	7.74	0.52	5.54	0.712
SUB-12138	10.87	0.00	0.00	1.60	7.86	0.42	4.61	0.723
SUB-12142	10.87	0.00	0.00	1.60	7.34	1.02	9.74	0.676
SUB-12144	10.87	0.00	0.00	1.60	7.26	1.17	10.93	0.668
SUB-12150	10.87	0.00	0.00	1.60	8.20	0.48	5.76	0.755
SUB-12152	10.87	0.00	0.00	1.60	7.88	0.75	8.27	0.725
SUB-12154	10.87	0.00	0.00	1.60	7.72	1.24	13.08	0.710
SUB-12158	10.87	0.00	0.00	1.60	8.21	0.41	4.92	0.756
SUB-12160	10.87	0.00	0.00	1.60	8.31	0.84	10.27	0.765
SUB-12162	10.87	0.00	0.00	1.60	8.27	0.62	7.53	0.761
SUB-12164	10.87	0.00	0.00	1.60	8.17	0.49	5.79	0.751
SUB-12166	10.87	0.00	0.00	1.60	7.91	0.32	3.55	0.728
SUB-12168	10.87	0.00	0.00	1.60	8.07	0.46	5.30	0.743
SUB-12170	10.87	0.00	0.00	1.60	8.89	0.14	1.98	0.818
SUB-12172	10.87	0.00	0.00	1.60	8.59	0.26	3.41	0.791
SUB-12174	10.87	0.00	0.00	1.60	8.23	0.59	7.02	0.757
SUB-12176	10.87	0.00	0.00	1.60	8.26	0.38	4.63	0.760
SUB-12180	10.87	0.00	0.00	1.60	8.15	0.54	6.31	0.750
SUB-12182	10.87	0.00	0.00	1.60	8.13	0.25	2.92	0.748
SUB-12184	10.87	0.00	0.00	1.60	8.42	0.13	1.58	0.775
SUB-12186	10.87	0.00	0.00	1.60	7.94	0.36	4.04	0.731
SUB-12188	10.87	0.00	0.00	1.60	7.67	0.59	6.15	0.706
SUB-12190	10.87	0.00	0.00	1.60	7.84	0.44	4.79	0.721
SUB-12192	10.87	0.00	0.00	1.60	7.68	0.58	6.04	0.707
SUB-12194	10.87	0.00	0.00	1.60	8.29	0.32	3.85	0.762

SUB-12196	10.87	0.00	0.00	1.60	7.85	0.35	3.87	0.722
SUB-12198	10.87	0.00	0.00	1.60	8.11	0.40	4.62	0.746
SUB-12200	10.87	0.00	0.00	1.60	7.95	0.36	4.01	0.731
SUB-12202	10.87	0.00	0.00	1.60	7.67	0.59	6.17	0.706
SUB-12204	10.87	0.00	0.00	1.60	8.03	0.30	3.46	0.739
SUB-12206	10.87	0.00	0.00	1.58	7.64	0.60	6.22	0.703
SUB-12208	10.87	0.00	0.00	1.54	8.04	0.26	2.98	0.740
SUB-12210	10.87	0.00	0.00	1.60	7.85	0.43	4.68	0.722
SUB-12212	10.87	0.00	0.00	1.50	7.86	0.33	3.60	0.723
SUB-12214	10.87	0.00	0.00	1.56	7.62	0.58	6.02	0.701
SUB-12216	10.87	0.00	0.00	1.30	7.77	0.24	2.56	0.715
SUB-12218	10.87	0.00	0.00	1.32	7.99	0.18	1.99	0.735
SUB-12222	10.87	0.00	0.00	1.60	7.96	0.35	3.93	0.732
SUB-12224	10.87	0.00	0.00	1.60	8.12	0.25	2.97	0.747
SUB-12226	10.87	0.00	0.00	1.60	8.36	0.39	4.80	0.769
SUB-12228	10.87	0.00	0.00	1.60	8.29	0.41	4.97	0.763
SUB-12230	10.87	0.00	0.00	1.60	8.36	0.15	1.83	0.769
SUB-12232	10.87	0.00	0.00	1.60	8.35	0.15	1.85	0.768
SUB-12234	10.87	0.00	0.00	1.60	8.11	0.26	2.99	0.746
SUB-12238	10.87	0.00	0.00	1.60	8.46	0.35	4.47	0.779
SUB-12240	10.87	0.00	0.00	1.60	8.75	0.27	3.57	0.805
SUB-12242	10.87	0.00	0.00	1.60	7.79	0.48	5.18	0.716
SUB-12244	10.87	0.00	0.00	1.60	7.96	0.35	3.89	0.733
SUB-12246	10.87	0.00	0.00	1.60	8.12	0.25	2.96	0.747
SUB-12248	10.87	0.00	0.00	1.60	8.11	0.26	3.03	0.746
SUB-12250	10.87	0.00	0.00	1.60	7.86	0.42	4.59	0.723
SUB-12252	10.87	0.00	0.00	1.60	7.51	1.23	12.26	0.691
SUB-12256	10.87	0.00	0.00	1.60	8.19	0.45	5.31	0.754
SUB-12258	10.87	0.00	0.00	1.60	8.31	0.49	6.00	0.764
SUB-12260	10.87	0.00	0.00	1.60	8.12	0.47	5.50	0.747
SUB-12262	10.87	0.00	0.00	1.60	8.36	0.33	4.06	0.769
SUB-12264	10.87	0.00	0.00	1.60	8.40	0.42	5.21	0.773
SUB-12266	10.87	0.00	0.00	1.60	7.87	0.41	4.52	0.724
SUB-12268	10.87	0.00	0.00	1.60	8.00	0.64	7.29	0.736
SUB-12272	10.87	0.00	0.00	1.60	8.23	0.65	7.74	0.758
SUB-12274	10.87	0.00	0.00	1.60	7.81	0.43	4.65	0.718
SUB-12276	10.87	0.00	0.00	1.60	7.67	0.74	7.75	0.706
SUB-12278	10.87	0.00	0.00	1.60	7.69	0.59	6.19	0.707
SUB-12280	10.87	0.00	0.00	1.60	7.53	0.78	7.84	0.692
SUB-12284	10.87	0.00	0.00	1.38	7.66	0.46	4.93	0.704
SUB-12286	10.87	0.00	0.00	1.78	7.74	0.46	4.53	0.712
SUB-12288	10.87	0.00	0.00	2.19	8.31	0.91	10.63	0.765
SUB-12290	10.87	0.00	0.00	1.60	8.01	0.44	4.94	0.737
SUB-12292	10.87	0.00	0.00	1.60	8.00	0.52	5.90	0.736
SUB-12294	10.87	0.00	0.00	1.60	7.77	0.59	6.35	0.715
SUB-12296	10.87	0.00	0.00	1.60	8.15	0.37	4.31	0.750
SUB-12300	10.87	0.00	0.00	1.60	7.74	0.72	7.69	0.712
SUB-12302	10.87	0.00	0.00	1.60	7.45	0.77	7.56	0.685
SUB-12304	10.87	0.00	0.00	1.50	7.84	0.33	3.67	0.721
SUB-12306	10.87	0.00	0.00	1.60	7.92	0.71	7.84	0.728
SUB-12308	10.87	0.00	0.00	1.60	7.86	1.12	12.22	0.723
SUB-12310	10.87	0.00	0.00	1.14	7.08	0.92	9.03	0.651
SUB-12312	10.87	0.00	0.00	1.60	8.75	0.13	1.80	0.805
SUB-12314	10.87	0.00	0.00	1.27	7.35	0.69	7.07	0.676
SUB-12316	10.87	0.00	0.00	1.18	7.55	0.58	5.96	0.694
SUB-12318	10.87	0.00	0.00	1.60	8.04	0.75	8.59	0.739
SUB-12320	10.87	0.00	0.00	1.60	8.12	0.46	5.39	0.747
SUB-12322	10.87	0.00	0.00	1.60	7.65	0.62	6.39	0.703
SUB-12324	10.87	0.00	0.00	1.60	8.05	0.64	7.37	0.741
SUB-12326	10.87	0.00	0.00	1.60	8.67	0.16	2.16	0.798
SUB-12328	10.87	0.00	0.00	1.60	8.05	0.29	3.37	0.740
SUB-12330	10.87	0.00	0.00	1.60	8.28	0.18	2.16	0.762
SUB-12332	10.87	0.00	0.00	1.60	8.57	0.18	2.38	0.788
SUB-12334	10.87	0.00	0.00	1.60	8.00	0.32	3.63	0.736
SUB-12336	10.87	0.00	0.00	1.60	8.34	0.15	1.88	0.768
SUB-12340	10.87	0.00	0.00	1.53	7.69	0.46	4.94	0.708
SUB-12344	10.87	0.00	0.00	1.60	7.92	0.38	4.20	0.728
SUB-12346	10.87	0.00	0.00	1.60	7.90	0.39	4.34	0.727
SUB-12348	10.87	0.00	0.00	1.55	7.69	0.50	5.34	0.707
SUB-12350	10.87	0.00	0.00	1.55	7.71	0.49	5.22	0.709
SUB-12352	10.87	0.00	0.00	1.60	7.68	0.58	6.06	0.707
SUB-12354	10.87	0.00	0.00	1.60	7.60	0.67	6.85	0.699
SUB-12356	10.87	0.00	0.00	1.55	7.83	0.39	4.29	0.720
SUB-12358	10.87	0.00	0.00	1.60	8.03	0.31	3.49	0.738
SUB-12362	10.87	0.00	0.00	1.60	8.61	0.07	0.96	0.792
SUB-12364	10.87	0.00	0.00	1.33	8.41	0.09	1.03	0.774
SUB-12366	10.87	0.00	0.00	1.47	8.44	0.10	1.23	0.776
SUB-12368	10.87	0.00	0.00	0.30	5.32	0.20	1.04	0.489
SUB-12372	10.87	0.00	0.00	0.83	6.02	0.22	1.94	0.554
SUB-12374	10.87	0.00	0.00	0.90	6.89	0.58	5.24	0.634

SUB-12376	10.87	0.00	0.00	0.90	8.70	0.37	3.32	0.800
SUB-12380	10.87	0.00	0.00	0.90	7.84	0.82	7.32	0.721
SUB-12382	10.87	0.00	0.00	0.29	6.70	0.25	1.13	0.617
SUB-12386	10.87	0.00	0.00	0.33	5.85	0.22	1.12	0.538
SUB-12388	10.87	0.00	0.00	0.33	5.36	0.30	1.59	0.493
SUB-12394	10.87	0.00	0.00	0.90	7.05	0.25	2.25	0.649
SUB-12396	10.87	0.00	0.00	0.90	6.12	0.59	5.30	0.563
SUB-12398	10.87	0.00	0.00	0.90	7.17	0.22	2.01	0.659
SUB-12400	10.87	0.00	0.00	0.90	7.49	0.16	1.45	0.689
SUB-12402	10.87	0.00	0.00	0.90	6.28	0.51	4.55	0.578
SUB-12404	10.87	0.00	0.00	0.90	6.65	0.36	3.28	0.611
SUB-12408	10.87	0.00	0.00	0.90	5.62	0.94	8.25	0.517
SUB-12410	10.87	0.00	0.00	0.90	6.85	0.30	2.72	0.630
SUB-12414	10.87	0.00	0.00	0.90	6.37	0.47	4.20	0.586
SUB-12418	10.87	0.00	0.00	0.90	6.07	0.61	5.50	0.559
SUB-12420	10.87	0.00	0.00	0.90	6.93	0.28	2.52	0.638
SUB-12422	10.87	0.00	0.00	0.90	6.81	0.31	2.81	0.627
SUB-12424	10.87	0.00	0.00	0.36	5.60	0.27	1.54	0.516
SUB-12428	10.87	0.00	0.00	0.38	6.27	0.18	0.99	0.577
SUB-12430	10.87	0.00	0.00	0.83	6.06	0.52	4.59	0.557
SUB-12432	10.87	0.00	0.00	1.60	8.24	0.20	2.36	0.758
SUB-12434	10.87	0.00	0.00	0.88	6.55	0.37	3.34	0.603
SUB-12438	10.87	0.00	0.00	1.60	7.86	0.87	9.50	0.723
SUB-12442	10.87	0.00	0.00	1.60	8.83	0.11	1.46	0.813
SUB-12444	10.87	0.00	0.00	0.31	6.29	0.21	1.00	0.579
SUB-12446	10.87	0.00	0.00	0.40	5.95	0.23	1.35	0.547
SUB-12448	10.87	0.00	0.00	1.60	8.40	0.44	5.43	0.773
SUB-12450	10.87	0.00	0.00	1.60	8.12	0.26	2.97	0.747
SUB-12452	10.87	0.00	0.00	1.60	8.02	0.31	3.53	0.738
SUB-12454	10.87	0.00	0.00	1.48	7.85	0.32	3.53	0.722
SUB-12456	10.87	0.00	0.00	1.49	8.06	0.23	2.62	0.741
SUB-12458	10.87	0.00	0.00	1.31	7.75	0.26	2.75	0.713
SUB-12460	10.87	0.00	0.00	0.00	8.66	0.39	3.82	0.796

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Node Depth Summary
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Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum Run HGL Feet	Time of Max Occurrence days hr:min	Maximum Output HGL Feet	Time of Max Occurrence days hr:min
J-102	JUNCTION	4.00	8.34	3.78	2 16:31	3.78	2 16:32
J-104	JUNCTION	4.14	8.27	3.71	2 16:22	3.71	2 16:22
J-106	JUNCTION	3.23	8.26	3.70	2 16:22	3.70	2 16:22
J-109	JUNCTION	3.99	8.09	3.53	2 16:25	3.53	2 16:25
J-11	JUNCTION	3.66	7.71	3.15	2 16:52	3.15	2 16:52
J-110	JUNCTION	4.16	7.65	3.53	2 16:25	3.53	2 16:26
J-113	JUNCTION	4.06	7.99	3.43	2 16:26	3.43	2 16:26
J-114	JUNCTION	4.05	7.98	3.42	2 16:25	3.42	2 16:26
J-118	JUNCTION	3.99	7.97	3.41	2 16:25	3.41	2 16:25
J-12	JUNCTION	3.64	7.71	3.15	2 16:52	3.15	2 16:53
J-121	JUNCTION	3.23	8.26	3.70	2 16:21	3.70	2 16:22
J-126	JUNCTION	4.92	7.38	3.82	2 16:20	3.82	2 16:21
J-126A	JUNCTION	4.92	7.60	4.04	2 17:31	4.01	2 16:36
J-127	JUNCTION	4.60	7.25	3.69	2 16:26	3.69	2 16:27
J-128	JUNCTION	3.65	7.22	3.66	2 16:27	3.66	2 16:27
J-129	JUNCTION	3.13	6.97	3.41	2 16:24	3.41	2 16:25
J-130	JUNCTION	3.18	6.82	3.26	2 13:10	3.26	2 13:49
J-131	JUNCTION	3.22	7.06	3.50	2 17:14	3.50	2 16:43
J-132	JUNCTION	3.30	6.88	3.32	2 13:31	3.32	2 13:31
J-137	JUNCTION	3.20	6.90	3.34	2 14:26	3.34	2 14:26
J-139	JUNCTION	3.05	6.99	3.43	2 16:48	3.43	2 16:48
J-140	JUNCTION	3.13	7.16	3.60	2 17:07	3.60	2 17:07
J-147	JUNCTION	3.17	7.45	3.89	2 17:15	3.89	2 17:16
J-148	JUNCTION	3.12	7.54	3.98	2 17:08	3.98	2 17:09
J-149	JUNCTION	3.11	7.54	3.98	2 17:08	3.98	2 17:09
J-15	JUNCTION	3.20	7.54	3.48	2 16:30	3.48	2 16:31
J-152	JUNCTION	3.14	7.59	4.03	2 16:59	4.03	2 16:59
J-153	JUNCTION	3.09	7.62	4.06	2 16:48	4.06	2 16:49
J-155	JUNCTION	3.07	7.65	4.09	2 16:28	4.09	2 16:29
J-156	JUNCTION	3.06	7.72	4.16	2 15:39	4.16	2 15:39
J-158	JUNCTION	2.95	7.82	4.26	2 14:59	4.26	2 14:59
J-158A	JUNCTION	2.95	7.82	4.26	2 14:58	4.26	2 15:00
J-15A	JUNCTION	0.61	3.49	3.49	2 16:30	3.49	2 16:30
J-160	JUNCTION	2.97	7.82	4.26	2 15:01	4.26	2 15:01
J-161	JUNCTION	3.15	6.60	3.04	2 12:38	3.04	2 12:38
J-162	JUNCTION	3.18	7.31	3.75	2 19:16	3.75	2 16:35

J-163	JUNCTION	3.21	6.44	2.88	2	12:24	2.88	2	12:25
J-164	JUNCTION	3.28	6.51	2.95	2	10:54	2.95	2	09:44
J-165	JUNCTION	3.30	6.60	3.04	0	19:16	3.04	2	10:15
J-166	JUNCTION	3.33	6.37	2.81	1	22:08	2.81	1	20:06
J-167	JUNCTION	3.31	6.02	2.46	2	09:41	2.46	2	08:38
J-168	JUNCTION	3.36	6.16	2.60	1	18:00	2.60	0	22:03
J-169	JUNCTION	3.39	6.33	2.77	2	12:18	2.77	2	12:19
J-170	JUNCTION	3.36	6.43	2.87	2	12:18	2.87	2	12:18
J-174	JUNCTION	3.02	7.82	4.26	2	15:00	4.26	2	15:01
J-175	JUNCTION	2.98	7.82	4.26	2	15:02	4.26	2	15:03
J-176	JUNCTION	2.96	7.82	4.26	2	15:01	4.26	2	15:01
J-179	JUNCTION	3.43	8.32	4.26	2	15:03	4.26	2	15:04
J-18	JUNCTION	2.72	7.04	3.48	2	16:58	3.48	2	16:29
J-180	JUNCTION	3.06	7.40	3.84	2	16:30	3.84	2	16:30
J-180A	JUNCTION	3.05	7.67	4.11	2	17:03	4.08	2	17:37
J-185	JUNCTION	3.52	7.97	3.91	2	16:38	3.91	2	16:38
J-185A	JUNCTION	3.04	7.65	4.09	2	17:02	4.04	2	16:37
J-188	JUNCTION	3.51	8.34	4.28	2	15:06	4.28	2	15:06
J-188A	JUNCTION	3.01	8.00	4.44	2	15:36	4.40	2	16:36
J-191	JUNCTION	2.88	7.32	3.76	2	17:21	3.76	2	17:21
J-191A	JUNCTION	2.88	7.56	4.00	2	16:17	3.97	2	16:26
J-195	JUNCTION	3.14	7.85	4.29	2	15:28	4.28	2	15:29
J-195A	JUNCTION	3.14	7.97	4.41	2	15:34	4.38	2	15:52
J-198	JUNCTION	3.23	7.84	4.28	2	15:03	4.28	2	15:04
J-199	JUNCTION	3.14	7.72	4.16	2	16:50	4.16	2	16:51
J-19A	JUNCTION	2.72	7.09	3.53	2	16:56	3.52	2	16:39
J-203	JUNCTION	3.11	7.68	4.12	2	16:28	4.12	2	16:28
J-204	JUNCTION	3.12	7.69	4.13	2	16:51	4.13	2	16:52
J-206	JUNCTION	3.12	7.55	3.99	2	16:36	3.99	2	16:36
J-208	JUNCTION	3.07	7.51	3.95	2	16:34	3.95	2	16:35
J-209	JUNCTION	3.11	7.51	3.95	2	16:36	3.95	2	16:36
J-212	JUNCTION	3.14	7.50	3.94	2	16:31	3.94	2	16:31
J-213	JUNCTION	3.06	7.48	3.92	2	16:29	3.92	2	16:33
J-213A	JUNCTION	3.06	7.69	4.13	2	16:46	4.12	2	16:32
J-217	JUNCTION	6.90	11.57	3.88	2	17:20	3.88	2	17:21
J-218	JUNCTION	6.42	10.99	3.86	2	17:16	3.86	2	16:56
J-222	JUNCTION	4.61	9.02	3.85	2	17:15	3.85	2	17:16
J-223	JUNCTION	4.53	8.91	3.85	2	17:15	3.85	2	17:16
J-223A	JUNCTION	3.08	7.65	4.09	2	17:18	4.07	2	16:58
J-225	JUNCTION	3.08	7.33	3.77	2	16:58	3.77	2	16:58
J-226	JUNCTION	3.07	7.33	3.77	2	16:58	3.77	2	16:58
J-232	JUNCTION	3.09	7.29	3.73	2	16:50	3.73	2	16:51
J-233	JUNCTION	3.05	7.25	3.69	2	16:43	3.69	2	16:43
J-235	JUNCTION	3.01	7.24	3.68	2	16:42	3.68	2	16:42
J-238	JUNCTION	4.09	8.14	3.58	2	16:18	3.58	2	16:18
J-24	JUNCTION	2.77	7.08	3.52	2	16:50	3.52	2	16:51
J-242	JUNCTION	3.15	7.14	3.58	2	16:17	3.58	2	16:18
J-244	JUNCTION	3.19	7.14	3.58	2	16:04	3.58	2	16:04
J-247	JUNCTION	3.21	7.13	3.57	2	16:04	3.57	2	16:05
J-248	JUNCTION	3.16	7.07	3.51	2	16:16	3.51	2	16:16
J-249	JUNCTION	3.15	7.07	3.51	2	16:16	3.51	2	16:17
J-25	JUNCTION	2.73	7.08	3.52	2	16:52	3.52	2	16:52
J-253	JUNCTION	4.65	6.34	2.78	2	13:39	2.78	2	13:40
J-254	JUNCTION	4.64	6.29	2.73	2	13:37	2.73	2	13:37
J-256	JUNCTION	4.64	6.25	2.69	2	13:32	2.69	2	13:32
J-259	JUNCTION	4.55	5.90	2.34	2	13:32	2.34	2	13:33
J-25A	JUNCTION	2.73	7.09	3.53	2	16:37	3.53	2	16:54
J-260	JUNCTION	3.59	4.84	1.28	2	10:40	1.24	2	13:56
J-261	JUNCTION	2.87	4.78	1.22	2	13:56	1.22	2	13:55
J-261-WEIR	JUNCTION	3.57	4.65	1.09	3	00:59	1.08	3	03:44
J-262	JUNCTION	3.69	6.56	3.00	1	20:16	3.00	3	02:24
J-266	JUNCTION	3.13	6.45	2.89	2	16:20	2.89	2	16:20
J-267	JUNCTION	3.60	7.02	2.96	2	16:17	2.96	2	16:17
J-268	JUNCTION	4.06	7.78	3.22	2	15:34	3.21	2	15:08
J-268-WEIR	JUNCTION	2.80	7.76	3.20	2	15:33	3.20	2	15:34
J-269	JUNCTION	4.07	7.83	3.27	2	15:35	3.27	2	15:33
J-27	JUNCTION	2.74	7.12	3.56	2	16:58	3.56	2	16:59
J-271	JUNCTION	3.23	6.57	3.07	0	00:00	2.24	0	00:01
J-275	JUNCTION	4.08	7.76	3.20	2	15:19	3.20	2	15:20
J-278	JUNCTION	3.07	5.14	1.58	2	13:43	1.58	2	13:46
J-27A	JUNCTION	2.74	7.17	3.61	2	17:33	3.60	2	17:31
J-280	JUNCTION	3.18	5.61	2.05	1	13:31	2.05	1	13:32
J-281	JUNCTION	3.30	6.19	2.63	2	13:50	2.63	2	13:51
J-282	JUNCTION	3.36	6.42	2.86	2	13:46	2.86	2	13:46
J-283	JUNCTION	3.37	6.57	3.01	2	15:10	3.01	2	15:11
J-284	JUNCTION	3.37	6.65	3.09	2	16:02	3.09	2	16:03
J-284-WEIR	JUNCTION	0.00	0.00	0.00	0	00:00	0.00	0	00:00
J-285	JUNCTION	4.39	7.76	3.20	2	15:36	3.20	2	15:37
J-286	JUNCTION	3.45	7.28	3.22	2	15:13	3.22	2	15:14
J-288	JUNCTION	3.38	6.65	3.09	2	16:27	3.09	2	16:27

J-288A	JUNCTION	3.38	6.93	3.37	2	23:31	3.29	2	23:31
J-290	JUNCTION	2.89	7.54	3.98	2	13:30	3.98	2	13:30
J-290A	JUNCTION	0.66	4.02	4.02	2	13:29	4.01	2	13:26
J-293	JUNCTION	2.89	7.26	3.70	2	14:09	3.70	2	14:10
J-295	JUNCTION	2.87	7.22	3.66	2	14:14	3.66	2	14:15
J-296	JUNCTION	2.89	7.16	3.60	2	14:19	3.60	2	14:19
J-297	JUNCTION	2.86	6.85	3.29	2	14:45	3.29	2	14:46
J-30	JUNCTION	2.78	7.14	3.58	2	17:31	3.58	2	17:32
J-300	JUNCTION	3.34	7.34	3.28	2	14:47	3.28	2	14:47
J-301	JUNCTION	3.46	7.32	3.26	2	14:55	3.26	2	14:55
J-304	JUNCTION	2.71	7.34	3.28	2	14:44	3.28	2	14:44
J-305	JUNCTION	2.69	7.34	3.28	2	14:43	3.28	2	14:44
J-31	JUNCTION	2.73	7.16	3.60	2	17:30	3.60	2	17:30
J-310	JUNCTION	2.20	6.83	3.27	2	14:40	3.27	2	14:40
J-312	JUNCTION	2.19	6.82	3.26	2	14:40	3.26	2	14:41
J-314	JUNCTION	2.20	6.86	3.30	2	13:01	3.30	2	13:01
J-314A	JUNCTION	2.20	6.86	3.30	2	12:59	3.30	2	12:59
J-317	JUNCTION	2.28	7.07	3.51	2	16:27	3.51	2	16:27
J-31A	JUNCTION	2.73	7.29	3.73	2	17:59	3.70	2	18:22
J-321	JUNCTION	2.26	7.12	3.56	2	16:44	3.56	2	16:44
J-321A	JUNCTION	2.26	7.16	3.60	2	17:35	3.59	2	17:56
J-323	JUNCTION	2.29	7.12	3.56	2	17:13	3.56	2	17:14
J-324	JUNCTION	2.27	7.17	3.61	2	17:33	3.61	2	17:34
J-324A	JUNCTION	2.27	7.22	3.66	2	17:47	3.65	2	17:52
J-327	JUNCTION	2.77	7.08	3.52	2	16:52	3.52	2	16:51
J-328	JUNCTION	2.74	7.10	3.54	2	16:42	3.54	2	16:52
J-328A	JUNCTION	0.63	3.65	3.65	2	16:43	3.65	2	16:53
J-33	JUNCTION	2.73	7.09	3.53	2	18:03	3.53	2	18:04
J-333	JUNCTION	2.99	7.50	3.94	2	16:21	3.94	2	16:22
J-334	JUNCTION	2.90	7.45	3.89	2	15:45	3.89	2	15:45
J-335	JUNCTION	2.90	7.35	3.79	2	16:35	3.79	2	16:35
J-341	JUNCTION	2.82	7.19	3.63	2	18:54	3.63	2	18:55
J-341A	JUNCTION	2.82	7.25	3.69	2	19:40	3.66	2	18:01
J-342	JUNCTION	2.79	7.43	3.87	2	16:14	3.87	2	16:15
J-343	JUNCTION	3.31	7.91	3.85	2	16:50	3.85	2	16:51
J-348	JUNCTION	2.84	7.31	3.75	2	18:08	3.75	2	18:09
J-351	JUNCTION	2.75	7.23	3.67	2	19:10	3.67	2	19:10
J-351A	JUNCTION	2.75	7.42	3.86	2	20:54	3.80	2	21:04
J-354	JUNCTION	4.59	7.24	3.68	2	19:56	3.68	2	19:57
J-354A	JUNCTION	4.59	7.26	3.70	2	19:11	3.69	2	19:58
J-354B	JUNCTION	4.60	7.86	4.30	3	02:14	4.22	2	21:31
J-355	JUNCTION	4.61	7.37	3.81	2	17:52	3.81	2	17:52
J-355A	JUNCTION	4.61	7.41	3.85	2	18:11	3.82	2	17:21
J-359	JUNCTION	3.27	7.88	3.82	2	17:49	3.82	2	17:49
J-36	JUNCTION	2.78	7.11	3.55	2	18:04	3.55	2	18:05
J-362	JUNCTION	2.48	7.43	3.87	2	16:03	3.87	2	16:03
J-363	JUNCTION	2.52	7.43	3.87	2	15:37	3.87	2	15:37
J-364	JUNCTION	2.47	7.43	3.87	2	15:20	3.87	2	15:21
J-367	JUNCTION	2.84	7.50	3.94	2	14:22	3.94	2	14:23
J-368	JUNCTION	2.78	7.51	3.95	2	14:18	3.95	2	14:18
J-369	JUNCTION	2.79	7.50	3.94	2	14:18	3.94	2	14:19
J-374	JUNCTION	2.47	7.43	3.87	2	15:12	3.87	2	15:13
J-375	JUNCTION	3.25	7.97	3.91	2	14:15	3.91	2	14:16
J-380	JUNCTION	2.95	7.92	3.86	2	15:07	3.86	2	15:08
J-380A	JUNCTION	2.46	7.45	3.89	3	04:26	3.86	2	15:08
J-381	JUNCTION	3.96	8.94	3.88	2	14:43	3.88	2	14:43
J-384	JUNCTION	3.85	8.47	3.91	2	14:15	3.91	2	14:15
J-385	JUNCTION	2.84	7.56	4.00	0	17:18	4.00	0	15:48
J-388	JUNCTION	3.87	8.48	3.92	2	14:06	3.92	2	14:06
J-389	JUNCTION	3.32	7.98	3.92	2	14:06	3.92	2	14:06
J-393	JUNCTION	3.38	7.99	3.93	2	14:08	3.93	2	14:08
J-396	JUNCTION	3.47	8.09	4.03	2	14:22	4.03	2	14:22
J-399	JUNCTION	2.88	7.59	4.03	2	14:34	4.03	2	14:35
J-40	JUNCTION	2.80	7.20	3.64	2	18:30	3.64	2	18:13
J-402	JUNCTION	2.79	8.16	4.60	2	12:52	4.60	2	12:52
J-402A	JUNCTION	2.79	8.16	4.60	2	12:52	4.60	2	12:51
J-405	JUNCTION	2.79	7.73	4.17	2	14:07	4.17	2	14:07
J-407	JUNCTION	2.79	7.71	4.15	2	14:18	4.15	2	14:19
J-409	JUNCTION	3.26	8.19	4.13	2	14:26	4.13	2	14:27
J-40A	JUNCTION	2.80	7.22	3.66	2	18:11	3.65	2	18:14
J-40B	JUNCTION	2.80	7.21	3.65	2	18:13	3.65	2	18:22
J-40C	JUNCTION	2.79	7.24	3.68	2	18:11	3.66	2	19:02
J-410	JUNCTION	3.33	8.18	4.12	2	14:28	4.12	2	14:28
J-412	JUNCTION	2.76	7.67	4.11	2	14:30	4.11	2	14:30
J-414	JUNCTION	2.79	7.75	4.19	2	14:46	4.19	2	14:46
J-415	JUNCTION	4.35	9.40	4.24	2	14:56	4.24	2	14:57
J-415A	JUNCTION	2.78	7.80	4.24	2	14:57	4.24	2	14:57
J-415B	JUNCTION	0.68	4.26	4.26	2	14:52	4.26	2	14:48
J-416	JUNCTION	3.76	8.74	4.18	2	14:43	4.18	2	14:44
J-417	JUNCTION	3.75	8.47	3.91	2	13:59	3.91	2	13:59

J-42	JUNCTION	2.77	7.25	3.69	2	19:57	3.69	2	19:58
J-421	JUNCTION	2.76	7.47	3.91	2	13:59	3.91	2	13:59
J-422	JUNCTION	2.75	7.33	3.77	2	15:09	3.77	2	15:10
J-422A	JUNCTION	2.75	7.33	3.77	2	15:09	3.77	2	15:10
J-423	JUNCTION	4.21	8.42	3.36	2	12:30	3.36	2	12:30
J-423A	JUNCTION	2.72	7.27	3.71	2	23:50	3.36	2	23:27
J-424	JUNCTION	2.79	7.04	3.48	2	13:42	3.48	2	13:43
J-427	JUNCTION	2.81	7.09	3.53	2	13:45	3.53	2	13:45
J-42A	JUNCTION	2.77	7.25	3.69	2	19:57	3.69	2	19:58
J-430	JUNCTION	2.80	7.31	3.75	2	13:54	3.75	2	13:55
J-430A	JUNCTION	2.80	7.37	3.81	2	13:34	3.80	2	14:04
J-431	JUNCTION	5.48	9.29	3.75	2	13:57	3.75	2	13:58
J-431A	JUNCTION	3.57	7.39	3.83	2	13:36	3.80	2	13:38
J-432	JUNCTION	5.37	9.12	3.74	2	14:06	3.74	2	13:59
J-432B	JUNCTION	0.82	3.76	3.76	2	13:58	3.76	2	13:58
J-433	JUNCTION	3.58	7.18	3.65	2	15:11	3.65	2	15:12
J-434	JUNCTION	3.63	7.20	3.64	2	15:12	3.64	2	15:13
J-435	JUNCTION	3.61	7.20	3.64	2	15:39	3.64	2	15:40
J-436	JUNCTION	4.21	7.19	3.63	2	15:48	3.63	2	15:49
J-437	JUNCTION	4.29	7.19	3.63	2	15:54	3.63	2	15:55
J-438	JUNCTION	4.23	7.10	3.54	2	17:15	3.54	2	17:16
J-439	JUNCTION	4.22	7.09	3.53	2	17:06	3.53	2	17:07
J-440	JUNCTION	5.52	8.08	3.02	2	12:41	3.02	2	12:42
J-441	JUNCTION	4.01	6.78	3.22	2	17:51	3.03	2	21:32
J-444	JUNCTION	4.18	8.28	3.22	2	12:33	3.21	2	12:32
J-444-WEIR	JUNCTION	5.52	8.63	3.57	2	13:02	3.24	2	19:02
J-445	JUNCTION	4.18	8.28	3.22	2	12:32	3.22	2	12:33
J-448	JUNCTION	4.55	6.88	3.32	2	17:52	3.32	2	17:56
J-450	JUNCTION	4.24	8.38	3.32	2	12:33	3.32	2	12:29
J-454	JUNCTION	4.54	6.88	3.32	2	18:00	3.32	2	18:01
J-455	JUNCTION	4.84	7.10	3.54	2	17:43	3.54	2	17:44
J-459	JUNCTION	5.28	7.53	3.54	2	17:43	3.54	2	17:43
J-459A	JUNCTION	4.84	7.15	3.59	3	00:02	3.54	2	17:43
J-460-NEW	JUNCTION	4.91	7.14	3.58	2	18:14	3.57	2	18:14
J-463	JUNCTION	4.91	7.14	3.58	2	18:13	3.58	2	18:13
J-466	JUNCTION	5.17	8.69	5.13	2	10:32	5.04	2	10:51
J-468	JUNCTION	5.14	7.21	3.65	2	18:23	3.64	2	18:24
J-47	JUNCTION	4.37	6.55	2.69	2	17:26	2.69	2	17:26
J-470	JUNCTION	4.56	7.18	3.62	2	18:14	3.62	2	18:15
J-471	JUNCTION	4.64	7.79	4.23	2	10:50	4.13	2	10:23
J-478	JUNCTION	4.15	7.18	3.62	2	18:18	3.62	2	18:19
J-479	JUNCTION	4.58	7.18	3.62	2	18:18	3.62	2	18:19
J-480	JUNCTION	4.12	7.18	3.62	2	20:24	3.62	2	20:25
J-481	JUNCTION	4.27	7.20	3.64	2	18:38	3.64	2	18:38
J-482	JUNCTION	4.04	7.21	3.65	2	18:53	3.65	2	18:53
J-484	JUNCTION	4.27	7.57	3.83	2	16:10	3.83	2	16:11
J-485	JUNCTION	4.17	7.39	3.83	2	16:09	3.82	2	16:10
J-486	JUNCTION	4.15	7.59	4.03	2	15:37	4.02	2	15:38
J-487	JUNCTION	4.13	7.32	3.76	2	16:10	3.76	2	16:10
J-489	JUNCTION	4.00	7.25	3.69	2	17:58	3.69	2	17:58
J-491	JUNCTION	4.11	7.24	3.68	2	17:59	3.68	2	17:59
J-492	JUNCTION	4.13	7.23	3.67	2	20:16	3.67	2	20:16
J-493	JUNCTION	4.03	7.21	3.65	2	19:48	3.65	2	19:49
J-495	JUNCTION	3.98	7.21	3.65	2	19:48	3.65	2	19:49
J-497	JUNCTION	4.07	7.23	3.67	2	20:10	3.67	2	20:11
J-498	JUNCTION	2.71	7.26	3.70	2	20:38	3.70	2	20:39
J-498A	JUNCTION	2.71	7.26	3.70	2	20:38	3.70	2	20:39
J-499	JUNCTION	2.71	7.26	3.70	2	20:35	3.70	2	20:36
J-5	JUNCTION	4.05	8.15	3.09	2	16:37	3.09	2	16:38
J-50	JUNCTION	4.20	7.18	3.47	2	15:45	3.47	2	15:46
J-500	JUNCTION	2.71	7.26	3.70	2	20:35	3.70	2	20:35
J-505	JUNCTION	2.71	7.26	3.70	2	20:34	3.70	2	20:35
J-508	JUNCTION	2.71	7.26	3.70	2	20:33	3.70	2	20:33
J-51	JUNCTION	4.43	7.02	3.06	2	17:25	3.00	2	17:25
J-512	JUNCTION	2.74	7.26	3.70	2	20:27	3.70	2	20:27
J-518	JUNCTION	2.80	7.25	3.69	2	20:26	3.69	2	20:27
J-53	JUNCTION	3.17	8.41	3.65	2	18:36	3.65	2	18:36
J-534	JUNCTION	5.01	6.63	3.07	2	17:17	3.07	2	17:18
J-537	JUNCTION	5.37	7.17	3.61	2	16:18	3.61	2	16:19
J-539	JUNCTION	5.39	7.20	3.64	2	21:42	3.64	2	21:10
J-539-WEIR	JUNCTION	5.16	7.22	3.66	2	21:27	3.65	2	18:22
J-539A	JUNCTION	5.39	11.58	8.02	2	09:44	5.41	0	08:00
J-54	JUNCTION	3.17	8.41	3.65	2	18:26	3.65	2	18:27
J-541	JUNCTION	5.23	7.19	3.63	2	18:31	3.63	2	18:31
J-544	JUNCTION	4.06	7.18	3.62	2	20:23	3.62	2	20:23
J-548	JUNCTION	4.01	6.81	3.25	2	17:22	3.22	2	17:23
J-54A	JUNCTION	0.64	3.66	3.66	2	18:35	3.65	2	18:29
J-54B	JUNCTION	0.64	3.83	3.83	2	18:08	3.83	2	17:56
J-550	JUNCTION	3.88	6.69	3.13	2	17:11	3.12	2	22:39
J-553	JUNCTION	4.24	7.13	3.28	2	21:41	3.27	2	21:42

J-554	JUNCTION	4.35	7.92	3.88	1	22:12	3.87	1	09:19
J-555	JUNCTION	4.79	8.29	3.89	1	22:54	3.89	1	19:55
J-557	JUNCTION	6.65	10.72	2.77	2	10:04	0.25	2	10:40
J-558	JUNCTION	5.66	9.77	2.79	1	10:04	0.19	2	10:04
J-559	JUNCTION	3.70	6.40	2.84	0	15:13	2.84	2	20:24
J-560	JUNCTION	3.73	6.32	2.76	2	14:26	2.75	2	21:01
J-561	JUNCTION	3.74	8.02	4.02	0	00:00	1.08	1	21:34
J-563	JUNCTION	2.60	6.65	3.09	2	16:33	3.09	2	16:33
J-563A	JUNCTION	2.60	7.03	3.47	3	05:43	3.30	2	23:24
J-565	JUNCTION	4.07	8.15	3.09	2	16:30	3.09	2	16:31
J-566	JUNCTION	3.98	8.11	3.05	2	13:21	3.04	2	13:32
J-566-WEIR	JUNCTION	0.49	4.03	4.03	3	04:41	4.02	3	04:41
J-567	JUNCTION	1.22	8.01	4.01	2	12:12	4.01	2	13:09
J-568	JUNCTION	2.15	11.66	3.03	3	03:52	3.02	3	03:40
J-569	JUNCTION	1.70	9.30	3.05	2	20:56	3.05	2	20:56
J-570	JUNCTION	2.54	6.58	3.02	2	15:12	3.02	2	15:12
J-571	JUNCTION	4.46	6.65	3.09	2	16:31	3.09	2	16:31
J-571A	JUNCTION	4.46	7.07	3.51	2	23:29	3.49	2	23:31
J-571B	JUNCTION	4.46	6.95	3.39	2	23:17	3.33	2	23:31
J-572A	JUNCTION	3.22	4.46	0.90	2	12:15	0.89	2	12:16
J-572B	JUNCTION	3.22	4.46	0.90	2	12:15	0.89	2	12:16
J-575	JUNCTION	3.73	8.01	4.01	0	00:00	0.61	2	08:59
J-576	JUNCTION	3.77	7.10	3.04	1	21:43	3.04	0	18:53
J-577	JUNCTION	3.28	6.56	3.00	2	09:55	3.00	2	08:23
J-578	JUNCTION	3.57	7.10	3.04	1	21:23	3.04	2	09:15
J-58	JUNCTION	3.17	8.41	3.65	2	18:20	3.65	2	18:22
J-581	JUNCTION	4.66	8.10	3.04	2	08:56	3.04	3	02:16
J-585	JUNCTION	3.95	7.51	3.45	2	12:58	3.45	2	12:58
J-585B	JUNCTION	3.95	7.51	3.45	2	12:58	3.45	2	12:58
J-588	JUNCTION	4.53	8.00	3.44	2	12:55	3.44	2	12:56
J-58A	JUNCTION	3.17	8.42	3.66	2	18:29	3.66	2	18:34
J-59	JUNCTION	3.16	8.37	3.61	2	17:40	3.61	2	17:28
J-591	JUNCTION	5.81	8.97	2.91	2	12:51	2.91	2	12:51
J-591A	JUNCTION	5.81	8.97	2.91	2	12:51	2.91	2	12:50
J-591B	JUNCTION	5.81	8.97	2.91	2	12:51	2.91	2	12:51
J-596	JUNCTION	4.71	8.38	3.51	2	12:27	3.51	2	12:27
J-596A	JUNCTION	5.79	9.06	3.50	2	12:30	3.50	2	12:30
J-598	JUNCTION	3.09	6.89	3.33	2	13:03	3.33	2	13:04
J-598A	JUNCTION	3.09	6.89	3.33	2	13:03	3.33	2	13:04
J-598B	JUNCTION	3.09	6.89	3.33	2	13:03	3.33	2	13:04
J-59A	JUNCTION	3.17	8.51	3.75	2	17:59	3.74	2	19:04
J-59B	JUNCTION	3.16	8.44	3.68	2	18:05	3.67	2	17:41
J-5A	JUNCTION	4.04	8.15	3.09	2	16:38	3.09	2	16:38
J-6	JUNCTION	3.81	7.85	3.09	2	16:38	3.09	2	16:38
J-60	JUNCTION	3.17	8.39	3.63	2	18:07	3.63	2	18:08
J-601	JUNCTION	3.11	6.36	2.80	2	12:47	2.80	2	12:47
J-602	JUNCTION	3.06	6.25	2.69	2	12:42	2.69	2	12:42
J-603	JUNCTION	3.35	6.56	3.00	0	09:04	3.00	1	21:02
J-604	JUNCTION	3.32	5.57	2.01	1	09:36	2.00	0	09:57
J-606	JUNCTION	3.51	6.43	2.37	2	12:18	2.37	2	12:18
J-607	JUNCTION	3.50	6.50	2.44	2	11:13	2.44	1	18:47
J-609	JUNCTION	3.05	6.22	2.66	2	12:40	2.66	2	12:40
J-61	JUNCTION	3.17	8.40	3.64	2	18:17	3.64	2	18:07
J-611	JUNCTION	3.12	7.11	3.55	2	12:16	3.55	2	12:17
J-611A	JUNCTION	3.64	7.12	3.56	2	12:17	3.55	2	12:18
J-611B	JUNCTION	3.12	7.12	3.56	2	12:17	3.55	2	12:17
J-613	JUNCTION	3.12	6.69	3.13	2	12:47	3.13	2	12:47
J-615	JUNCTION	3.11	6.60	3.04	2	12:48	3.04	2	12:48
J-618	JUNCTION	2.87	7.25	3.69	2	19:59	3.69	2	19:59
J-61A	JUNCTION	0.64	3.64	3.64	2	18:09	3.64	2	18:10
J-623	JUNCTION	2.82	7.24	3.68	2	19:54	3.68	2	19:52
J-624	JUNCTION	2.79	7.24	3.68	2	19:53	3.68	2	19:53
J-624A	JUNCTION	2.78	7.35	3.79	2	19:50	3.75	2	20:48
J-626	JUNCTION	2.80	7.21	3.65	2	18:51	3.65	2	18:52
J-629	JUNCTION	2.88	7.21	3.65	2	18:51	3.65	2	18:52
J-63	JUNCTION	2.90	7.58	4.02	2	14:43	4.02	2	14:43
J-632	JUNCTION	2.88	7.21	3.65	2	18:44	3.65	2	18:44
J-633	JUNCTION	3.29	7.68	3.62	2	18:12	3.62	2	18:12
J-637	JUNCTION	2.82	7.18	3.62	2	18:12	3.62	2	18:13
J-64	JUNCTION	2.87	7.58	4.02	2	14:43	4.02	2	14:44
J-640	JUNCTION	2.83	7.20	3.64	2	18:06	3.64	2	18:07
J-647	JUNCTION	2.76	7.20	3.64	2	18:11	3.64	2	18:11
J-647A	JUNCTION	2.76	7.20	3.64	2	18:12	3.64	2	18:12
J-647B	JUNCTION	0.64	3.64	3.64	2	18:45	3.64	2	18:15
J-650	JUNCTION	2.79	7.01	3.45	2	17:00	3.45	2	17:00
J-653	JUNCTION	2.80	7.08	3.52	2	16:46	3.52	2	16:47
J-653A	JUNCTION	0.64	3.52	3.52	2	16:45	3.52	2	16:37
J-654	JUNCTION	2.80	7.05	3.49	2	16:54	3.49	2	16:33
J-654A	JUNCTION	2.80	7.09	3.53	2	17:28	3.53	2	17:24
J-657	JUNCTION	2.80	7.03	3.47	2	16:42	3.47	2	16:43

J-659	JUNCTION	2.80	7.02	3.46	2	16:59	3.46	2	17:00
J-663	JUNCTION	3.83	7.96	3.40	2	17:09	3.40	2	17:09
J-665	JUNCTION	3.80	7.88	3.32	2	17:10	3.32	2	17:10
J-666	JUNCTION	3.73	7.73	3.17	2	16:56	3.17	2	16:57
J-67	JUNCTION	2.84	7.44	3.88	2	16:09	3.88	2	16:10
J-670	JUNCTION	3.72	7.73	3.17	2	16:56	3.17	2	16:56
J-672	JUNCTION	4.55	7.36	2.80	0	00:00	2.26	2	20:55
J-673	JUNCTION	4.64	7.65	3.09	2	17:02	3.09	2	17:02
J-673A	JUNCTION	4.64	7.65	3.09	2	17:00	3.09	2	17:01
J-678	JUNCTION	3.76	7.73	3.17	2	16:52	3.17	2	16:52
J-67A	JUNCTION	2.83	7.44	3.88	2	16:10	3.88	2	16:11
J-682	JUNCTION	0.98	6.47	3.91	2	13:29	3.91	2	13:29
J-684	JUNCTION	0.96	6.37	3.81	2	13:23	3.81	2	13:23
J-686	JUNCTION	0.92	6.21	3.65	2	19:13	3.65	2	21:33
J-687	JUNCTION	0.88	6.06	3.50	2	12:18	3.50	2	12:18
J-691	JUNCTION	0.82	5.89	3.33	2	12:20	3.33	2	12:21
J-692	JUNCTION	0.76	5.88	3.32	2	12:20	3.32	2	12:21
J-692-WEIR	JUNCTION	2.30	3.44	0.88	2	20:14	0.74	2	20:15
J-693	JUNCTION	2.29	5.19	2.63	0	00:00	0.62	2	21:06
J-697	JUNCTION	3.37	7.56	4.00	0	21:36	4.00	0	21:36
J-7	JUNCTION	3.65	7.66	3.10	2	16:38	3.10	2	16:39
J-700	JUNCTION	3.36	6.85	3.29	1	07:53	3.29	2	10:55
J-701	JUNCTION	3.19	6.80	3.24	1	08:55	3.24	1	21:02
J-702	JUNCTION	3.20	6.81	3.25	1	08:25	3.23	1	10:31
J-705	JUNCTION	3.27	7.05	3.49	1	06:35	3.49	1	06:54
J-707	JUNCTION	3.28	6.75	3.19	1	19:13	3.19	1	22:57
J-710	JUNCTION	3.30	6.86	3.30	2	12:18	3.30	2	12:19
J-712	JUNCTION	2.59	7.09	3.53	2	12:53	3.53	2	12:53
J-714	JUNCTION	2.75	7.05	3.49	2	12:49	3.49	2	12:49
J-719	JUNCTION	2.76	6.87	3.31	2	15:20	3.31	2	15:20
J-72	JUNCTION	2.86	7.58	4.02	2	14:43	4.02	2	14:44
J-721	JUNCTION	2.61	6.88	3.32	2	14:32	3.31	2	14:33
J-725	JUNCTION	2.56	7.22	3.66	3	05:26	3.66	3	05:27
J-728	JUNCTION	2.72	7.26	3.70	3	05:25	3.70	3	05:25
J-73	JUNCTION	2.94	7.60	4.04	2	14:46	4.04	2	14:47
J-734	JUNCTION	2.81	7.64	4.08	3	05:02	4.08	3	05:03
J-734A	JUNCTION	2.81	7.87	4.31	3	05:10	4.27	3	05:11
J-734B	JUNCTION	2.81	7.65	4.09	3	05:02	4.08	3	05:02
J-735	JUNCTION	2.74	10.64	7.08	3	04:53	7.08	3	04:53
J-736	JUNCTION	6.44	25.72	22.16	3	04:01	22.16	3	04:01
J-74	JUNCTION	2.92	7.59	4.03	2	14:37	4.03	2	14:38
J-740	JUNCTION	3.22	8.42	3.66	2	17:57	3.66	2	17:57
J-741	JUNCTION	3.16	8.50	3.74	2	17:44	3.74	2	17:25
J-744	JUNCTION	3.16	8.50	3.74	2	17:38	3.74	2	17:38
J-745	JUNCTION	3.14	8.51	3.75	2	17:34	3.75	2	17:11
J-745A	JUNCTION	2.15	7.54	3.98	2	16:14	3.92	2	17:55
J-748	JUNCTION	5.03	8.38	3.62	2	19:23	3.62	2	19:23
J-748-WEIR-STANTEC	JUNCTION	4.91	8.37	3.61	2	19:23	3.61	2	19:23
J-748A	JUNCTION	3.82	7.19	3.63	2	19:27	3.61	2	19:23
J-749	JUNCTION	5.05	8.38	3.62	2	18:19	3.62	2	18:20
J-750	JUNCTION	5.11	8.41	3.65	2	20:30	3.65	2	20:31
J-750A	JUNCTION	3.90	7.34	3.78	2	20:55	3.71	2	21:20
J-751	JUNCTION	5.25	8.57	3.66	2	20:30	3.66	2	20:31
J-752	JUNCTION	5.70	8.89	3.53	2	19:35	3.53	2	19:29
J-753	JUNCTION	5.79	9.07	3.59	2	19:02	3.59	2	19:02
J-754	JUNCTION	5.91	9.23	3.65	2	18:59	3.65	2	19:00
J-754-WEIR-STANTEC	JUNCTION	5.52	8.89	3.53	2	19:35	3.53	2	19:29
J-754A	JUNCTION	3.90	7.71	4.15	2	21:49	4.06	2	21:50
J-755	JUNCTION	3.47	7.06	3.50	2	12:30	3.50	2	12:30
J-757	JUNCTION	5.37	9.06	3.50	2	12:30	3.50	2	12:30
J-760	JUNCTION	2.77	7.25	3.69	2	19:57	3.69	2	19:58
J-761	JUNCTION	4.01	8.26	3.70	2	16:18	3.70	2	16:19
J-763	JUNCTION	5.55	8.13	3.07	2	12:35	3.07	2	12:35
J-764	JUNCTION	4.16	8.13	3.07	2	16:17	3.07	2	16:17
J-766	JUNCTION	2.45	7.60	4.04	3	05:07	4.04	3	05:07
J-766A	JUNCTION	2.45	7.80	4.24	3	05:13	4.13	3	05:11
J-768	JUNCTION	2.46	7.43	3.87	2	13:13	3.87	2	13:13
J-769	JUNCTION	2.54	7.27	3.71	2	13:14	3.71	2	13:14
J-77	JUNCTION	2.92	7.72	4.16	2	15:00	4.16	2	15:01
J-771	JUNCTION	2.49	6.96	3.40	2	13:08	3.40	2	13:08
J-772	JUNCTION	2.60	6.91	3.35	2	13:01	3.35	2	13:02
J-774	JUNCTION	2.61	6.90	3.34	2	12:50	3.34	2	12:50
J-776	JUNCTION	2.60	6.89	3.33	2	12:40	3.33	2	12:40
J-778	JUNCTION	2.43	6.85	3.29	2	11:58	3.29	2	11:58
J-77A	JUNCTION	2.92	12.67	9.11	3	01:29	6.98	2	20:52
J-77B	JUNCTION	2.92	7.72	4.16	2	15:00	4.16	2	14:59
J-780	JUNCTION	2.45	6.86	3.30	2	12:01	3.30	2	12:02
J-782	JUNCTION	2.46	6.85	3.29	2	13:13	3.29	2	12:02
J-784	JUNCTION	2.46	6.99	3.43	2	12:28	3.43	2	12:28
J-786	JUNCTION	2.40	6.94	3.38	2	12:26	3.38	2	12:27

J-788	JUNCTION	2.35	6.88	3.32	2	12:21	3.32	2	12:21
J-790	JUNCTION	2.34	6.86	3.30	2	11:58	3.30	2	11:59
J-792	JUNCTION	2.41	6.87	3.31	2	11:57	3.31	2	11:58
J-793	JUNCTION	2.49	6.88	3.32	2	11:57	3.32	2	11:57
J-795	JUNCTION	2.31	6.86	3.30	2	11:57	3.30	2	11:57
J-799	JUNCTION	1.83	7.04	3.44	2	13:12	3.44	3	01:38
J-799-WEIR-EAC	JUNCTION	4.10	7.45	3.85	2	16:11	3.85	2	16:11
J-80	JUNCTION	3.04	7.71	4.15	2	15:03	4.15	2	15:03
J-800	JUNCTION	1.82	6.64	3.04	2	16:12	3.04	2	16:12
J-802	JUNCTION	1.83	6.64	3.04	2	16:12	3.04	2	16:12
J-806	JUNCTION	1.75	6.50	2.90	2	15:41	2.90	2	15:42
J-809	JUNCTION	1.73	6.49	2.89	2	15:30	2.89	2	15:31
J-810	JUNCTION	1.74	6.49	2.89	2	15:30	2.89	2	15:31
J-813	JUNCTION	1.75	6.52	2.92	2	15:31	2.92	2	15:32
J-816	JUNCTION	1.76	6.55	2.95	2	15:25	2.95	2	15:26
J-819	JUNCTION	1.76	6.56	2.96	2	15:26	2.96	2	15:27
J-82	JUNCTION	3.57	8.32	4.26	2	15:07	4.26	2	15:07
J-822	JUNCTION	1.77	6.58	2.98	2	15:23	2.98	2	15:24
J-826	JUNCTION	1.86	6.68	3.08	2	16:50	3.08	2	16:50
J-829	JUNCTION	1.85	6.67	3.07	2	16:36	3.07	2	16:36
J-83	JUNCTION	3.50	8.32	4.26	2	15:05	4.26	2	15:06
J-831	JUNCTION	1.85	6.67	3.07	2	16:31	3.07	2	16:32
J-836	JUNCTION	1.85	6.66	3.06	2	16:23	3.06	2	16:23
J-838	JUNCTION	1.40	6.08	2.48	2	12:56	2.48	2	12:56
J-83A	JUNCTION	3.50	14.06	10.00	3	03:49	5.86	2	17:18
J-84	JUNCTION	3.58	8.32	4.26	2	15:02	4.26	2	15:03
J-841	JUNCTION	1.39	5.92	2.32	2	13:16	2.32	2	13:16
J-844	JUNCTION	1.38	5.86	2.26	2	13:27	2.26	2	13:28
J-848	JUNCTION	1.37	6.05	2.45	2	13:15	2.45	2	13:15
J-850	JUNCTION	1.36	6.60	3.00	2	13:14	3.00	2	17:18
J-851	JUNCTION	1.34	6.30	2.70	2	13:15	2.69	2	11:52
J-856	JUNCTION	5.57	6.69	-2.31	2	12:15	-2.31	2	12:15
J-860	JUNCTION	0.44	1.40	-2.20	2	12:15	-2.20	2	12:15
J-863	JUNCTION	0.45	1.83	-1.77	2	12:15	-1.77	2	12:15
J-865	JUNCTION	0.47	2.51	-1.09	2	12:15	-1.09	2	12:15
J-868	JUNCTION	0.47	2.69	-0.91	2	12:15	-0.91	2	12:15
J-87	JUNCTION	3.58	7.91	3.85	2	16:18	3.85	2	16:19
J-870	JUNCTION	0.48	3.37	-0.23	2	12:15	-0.23	2	12:15
J-879	JUNCTION	8.25	12.00	3.50	1	12:59	3.50	1	09:37
J-88	JUNCTION	3.59	7.87	3.81	2	16:17	3.81	2	16:18
J-880	JUNCTION	3.76	6.13	2.07	2	12:31	2.07	2	12:32
J-881	JUNCTION	3.39	8.23	4.67	2	14:15	4.67	0	13:25
J-882	JUNCTION	3.40	5.68	2.12	2	12:30	2.12	2	12:31
J-883	JUNCTION	3.39	5.70	2.14	2	12:27	2.13	2	12:27
J-884	JUNCTION	3.39	5.71	2.15	2	12:44	2.14	2	12:35
J-888	JUNCTION	2.80	7.25	3.69	2	19:48	3.69	2	19:48
J-889	JUNCTION	2.79	7.25	3.69	2	19:54	3.69	2	19:54
J-891	JUNCTION	2.79	7.25	3.69	2	19:40	3.69	2	19:54
J-892	JUNCTION	2.78	7.25	3.69	2	19:40	3.69	2	19:40
J-894	JUNCTION	2.79	7.25	3.69	2	19:39	3.69	2	19:39
J-896	JUNCTION	2.78	7.24	3.68	2	20:25	3.68	2	20:25
J-899	JUNCTION	2.78	7.24	3.68	2	19:59	3.68	2	20:00
J-899A	JUNCTION	2.78	7.37	3.81	2	20:54	3.79	2	20:45
J-902	JUNCTION	4.80	8.64	4.18	3	00:19	4.07	2	23:32
J-903	JUNCTION	4.78	8.04	3.67	2	19:29	3.67	2	19:30
J-903A	JUNCTION	3.92	8.14	4.58	2	22:45	4.39	2	21:08
J-910	JUNCTION	3.32	7.56	4.00	0	00:00	2.12	2	12:15
J-912	JUNCTION	3.34	7.56	4.00	0	00:00	3.68	2	12:15
J-917	JUNCTION	3.26	9.50	6.00	1	10:24	6.00	0	13:04
J-918	JUNCTION	3.27	6.54	3.04	0	08:03	3.04	2	07:02
J-920	JUNCTION	3.73	8.00	4.00	0	00:00	0.73	1	09:01
J-934	JUNCTION	2.76	7.24	3.68	2	20:17	3.68	2	20:17
J-934A	JUNCTION	2.76	7.89	4.33	2	22:24	4.22	2	21:31
J-951	JUNCTION	2.85	8.18	4.62	2	20:00	4.62	2	21:38
J-953	JUNCTION	2.97	7.63	4.07	2	20:36	4.07	2	20:37
J-954	JUNCTION	3.93	7.06	3.50	2	09:15	3.49	2	09:16
J-958	JUNCTION	2.92	4.98	3.62	2	18:25	3.62	2	18:25
J-96	JUNCTION	3.52	7.85	3.79	2	16:32	3.79	2	16:32
J-963	JUNCTION	3.65	7.71	3.15	2	16:53	3.15	2	16:54
J-99	JUNCTION	3.15	7.35	3.79	2	16:31	3.79	2	16:31
JCT-24	JUNCTION	4.47	6.00	2.44	2	12:22	2.42	2	15:57
JCT-26	JUNCTION	5.68	8.60	2.66	2	12:50	2.66	2	12:51
JCT-26-WEIR	JUNCTION	6.11	8.60	2.66	2	12:50	2.66	2	12:51
JCT-28	JUNCTION	3.70	4.95	0.89	2	12:15	0.89	2	12:16
JCT-28-WEIR	JUNCTION	3.82	4.93	0.87	2	12:15	0.86	2	12:16
JCT-30	JUNCTION	3.71	7.65	3.09	2	16:57	3.09	2	16:57
JCT-32	JUNCTION	3.25	4.31	0.75	2	09:05	0.72	2	20:42
JCT-32-WEIR	JUNCTION	3.30	4.28	0.72	1	09:08	0.72	0	09:01
JCT-36	JUNCTION	9.24	10.21	1.21	2	12:15	1.21	2	12:15
JCT-46	JUNCTION	4.68	7.72	4.16	2	12:32	4.16	2	12:32

JCT-64	JUNCTION	3.55	7.59	3.59	2	16:18	3.59	2	16:19
J-171	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-263	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-279	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-33A	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-386	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-442	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-561A	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-567A	OUTFALL	0.00	0.00	-4.00	0	00:00	-4.00	0	00:00
J-582	OUTFALL	5.22	6.10	0.60	0	21:00	0.60	0	21:00
J-605	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-671	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-694	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-703	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-909	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-911	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-913	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-919	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-920A	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
J-963A	OUTFALL	2.29	3.16	0.60	0	21:00	0.60	0	21:00
J575A	OUTFALL	3.73	4.60	0.60	0	21:00	0.60	0	21:00
OFALL-10	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-12	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-14	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-16	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-18	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-20	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-22	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-24	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-26	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-28	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-30	OUTFALL	0.00	0.00	-2.00	0	00:00	-2.00	0	00:00
OFALL-32	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-34	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-36	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-38	OUTFALL	0.00	0.00	-2.56	0	00:00	-2.56	0	00:00
OFALL-40	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-42	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-44	OUTFALL	0.00	0.00	-2.50	0	00:00	-2.50	0	00:00
OFALL-46	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-48	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-50	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-52	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-54	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-66	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
WELL-2E	OUTFALL	3.62	6.50	4.00	2	11:58	4.00	2	11:59
WELL-3	OUTFALL	1.73	2.57	1.07	2	12:15	1.07	2	12:15
WELL-4	OUTFALL	1.74	2.68	1.18	2	12:15	1.18	2	12:15
WELL-W-ENID-DR	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-856-STORAGE-NEW	STORAGE	6.09	8.11	-7.89	2	12:06	-7.96	2	15:47

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error gal or %
J-102	JUNCTION	0.00	7.81	2 10:29	0	3.24	-0.508 %
J-104	JUNCTION	4.52	13.60	2 12:15	0.411	2.59	24.764 %
J-106	JUNCTION	0.00	6.25	2 10:57	0	0.563	11.742 %
J-109	JUNCTION	0.00	7.72	2 09:22	0	3.57	0.286 %
J-11	JUNCTION	0.00	14.40	3 01:36	0	4.32	5.606 %
J-110	JUNCTION	5.31	8.14	2 12:03	0.447	1.59	0.423 %
J-113	JUNCTION	0.00	12.15	1 16:41	0	3.86	8.697 %
J-114	JUNCTION	0.00	16.37	3 03:54	0	4.54	1.807 %
J-118	JUNCTION	0.00	19.35	3 05:21	0	5.77	-0.445 %
J-12	JUNCTION	0.00	13.34	2 08:22	0	3.39	1.523 %
J-121	JUNCTION	5.21	5.71	2 08:47	0.419	0.557	5.660 %
J-126	JUNCTION	12.26	12.26	2 12:15	1.22	1.43	0.260 %
J-126A	JUNCTION	0.00	8.55	2 21:10	0	0.346	0.000 %
J-127	JUNCTION	0.00	2.19	2 11:48	0	1.11	0.119 %
J-128	JUNCTION	0.00	2.19	2 11:48	0	1.12	0.294 %
J-129	JUNCTION	9.49	10.75	3 02:52	0.8	3.3	-5.922 %
J-130	JUNCTION	0.00	9.78	3 01:41	0	5.76	0.262 %
J-131	JUNCTION	0.00	7.77	2 16:38	0	5.57	0.220 %

J-132	JUNCTION	7.22	7.22	2	12:15	0.623	3.11	3.111 %
J-137	JUNCTION	0.00	3.41	0	08:41	0	2.49	7.020 %
J-139	JUNCTION	0.00	4.56	3	05:58	0	3.18	3.098 %
J-140	JUNCTION	0.00	4.65	3	05:50	0	2.79	4.099 %
J-147	JUNCTION	8.58	9.18	2	12:15	0.751	2.82	-0.283 %
J-148	JUNCTION	0.00	5.82	2	09:03	0	2.54	2.297 %
J-149	JUNCTION	0.00	4.35	2	01:37	0	0.349	5.628 %
J-15	JUNCTION	1.46	17.28	2	11:51	0.106	1.99	2.129 %
J-152	JUNCTION	7.37	7.37	2	12:15	0.642	2.29	0.127 %
J-153	JUNCTION	0.00	4.04	2	07:20	0	1.75	4.186 %
J-155	JUNCTION	0.00	4.04	1	08:18	0	1.68	6.782 %
J-156	JUNCTION	0.00	3.46	2	04:36	0	1.62	10.762 %
J-158	JUNCTION	12.28	23.13	2	10:47	1.34	4.03	0.132 %
J-158A	JUNCTION	0.00	19.35	2	10:51	0	1.89	0.303 %
J-15A	JUNCTION	0.00	8.28	2	11:50	0	0.0737	23.108 %
J-160	JUNCTION	0.00	10.56	2	10:45	0	2.19	2.692 %
J-161	JUNCTION	3.37	6.73	3	02:29	0.294	5.75	-0.394 %
J-162	JUNCTION	0.00	9.13	0	09:13	0	5.75	-0.113 %
J-163	JUNCTION	2.16	8.95	3	01:17	0.179	6.05	3.295 %
J-164	JUNCTION	0.00	6.98	2	13:15	0	6.03	2.607 %
J-165	JUNCTION	1.88	7.04	3	00:30	0.153	6.22	1.646 %
J-166	JUNCTION	3.63	8.44	2	12:27	0.32	6.44	0.246 %
J-167	JUNCTION	0.00	12.06	2	12:15	0	7.37	1.914 %
J-168	JUNCTION	0.00	4.90	1	09:26	0	1.39	10.160 %
J-169	JUNCTION	2.38	5.91	1	21:32	0.184	1.28	10.490 %
J-170	JUNCTION	2.16	3.26	0	22:54	0.163	0.631	16.094 %
J-174	JUNCTION	0.00	4.66	2	09:06	0	0.705	28.431 %
J-175	JUNCTION	0.00	2.32	2	07:38	0	0.263	50.862 %
J-176	JUNCTION	0.00	4.82	1	22:35	0	1.54	6.343 %
J-179	JUNCTION	0.00	8.10	2	05:36	0	2.01	-0.587 %
J-18	JUNCTION	4.63	21.90	2	11:47	0.384	2.09	1.041 %
J-180	JUNCTION	4.06	20.93	2	11:15	0.329	1.19	0.308 %
J-180A	JUNCTION	0.00	17.03	2	09:52	0	0.779	-8.419 %
J-185	JUNCTION	7.29	20.54	2	09:41	0.643	1.82	0.634 %
J-185A	JUNCTION	0.00	15.95	2	09:40	0	0.902	-10.604 %
J-188	JUNCTION	7.52	23.28	2	10:08	0.638	1.19	0.784 %
J-188A	JUNCTION	0.00	21.40	2	10:08	0	0.554	3.276 %
J-191	JUNCTION	5.40	20.91	2	10:21	0.436	1.79	0.106 %
J-191A	JUNCTION	0.00	18.42	2	10:16	0	1.48	0.000 %
J-195	JUNCTION	0.00	27.30	2	10:16	0	1.74	0.411 %
J-195A	JUNCTION	0.00	25.10	2	10:16	0	1.37	-1.029 %
J-198	JUNCTION	9.35	9.52	2	12:14	0.886	1.58	5.986 %
J-199	JUNCTION	0.00	5.52	1	12:19	0	1.38	5.903 %
J-19A	JUNCTION	0.00	15.90	2	11:30	0	0.333	-3.838 %
J-203	JUNCTION	3.53	6.42	2	12:15	0.31	1.65	-1.176 %
J-204	JUNCTION	0.00	5.61	1	07:28	0	1.37	1.218 %
J-206	JUNCTION	0.00	5.09	1	18:10	0	1.62	6.759 %
J-208	JUNCTION	2.97	7.01	2	09:25	0.254	2.42	-0.837 %
J-209	JUNCTION	5.18	5.18	2	12:15	0.482	1.17	12.272 %
J-212	JUNCTION	0.00	3.36	2	04:05	0	0.96	13.229 %
J-213	JUNCTION	3.89	16.04	2	09:20	0.346	1.7	-0.127 %
J-213A	JUNCTION	0.00	13.80	2	07:42	0	1.28	9.191 %
J-217	JUNCTION	6.00	7.04	2	12:15	0.493	0.937	-7.687 %
J-218	JUNCTION	0.00	10.19	2	07:22	0	1.48	9.351 %
J-222	JUNCTION	0.00	19.81	2	10:20	0	2.01	-0.166 %
J-223	JUNCTION	5.50	34.32	2	10:23	0.472	3.43	-0.204 %
J-223A	JUNCTION	0.00	23.44	2	10:39	0	1.63	1.854 %
J-225	JUNCTION	0.00	3.13	1	23:49	0	1.04	7.028 %
J-226	JUNCTION	3.57	4.12	2	07:38	0.265	1.21	4.356 %
J-232	JUNCTION	0.00	3.21	1	20:55	0	1.17	9.029 %
J-233	JUNCTION	4.47	6.67	1	16:25	0.354	1.53	5.809 %
J-235	JUNCTION	0.00	9.22	2	00:59	0	3.8	1.426 %
J-238	JUNCTION	4.23	15.59	1	22:51	0.335	3.48	7.535 %
J-24	JUNCTION	0.00	4.01	2	11:27	0	0.68	9.767 %
J-242	JUNCTION	2.96	10.35	1	23:48	0.253	0.669	16.732 %
J-244	JUNCTION	3.03	5.41	2	03:43	0.261	0.523	1.883 %
J-247	JUNCTION	5.43	6.03	2	12:15	0.436	1.24	3.571 %
J-248	JUNCTION	0.00	17.71	1	13:31	0	1.61	4.765 %
J-249	JUNCTION	7.35	19.96	1	08:57	0.612	4.86	1.655 %
J-25	JUNCTION	6.03	21.12	2	11:48	0.576	2	0.667 %
J-253	JUNCTION	5.28	5.28	2	12:15	0.413	0.68	-7.220 %
J-254	JUNCTION	0.00	4.41	0	20:36	0	1.06	3.224 %
J-256	JUNCTION	7.36	7.83	2	12:15	0.607	1.56	-15.045 %
J-259	JUNCTION	0.00	2.95	0	14:42	0	1.51	-0.025 %
J-25A	JUNCTION	0.00	17.20	2	10:27	0	0.455	6.664 %
J-260	JUNCTION	0.00	3.00	2	04:43	0	1.34	0.095 %
J-261	JUNCTION	0.00	5.63	2	13:57	0	3.09	0.034 %
J-261-WEIR	JUNCTION	0.00	5.63	2	13:56	0	2.42	-0.778 %
J-262	JUNCTION	0.00	5.63	2	13:57	0	2.48	-0.127 %
J-266	JUNCTION	4.79	11.67	1	17:38	0.38	2.51	-1.520 %

J-267	JUNCTION	4.59	7.96	1	11:20	0.419	2.38	-1.730 %
J-268	JUNCTION	0.00	27.86	2	03:41	0	5.29	-1.937 %
J-268-WEIR	JUNCTION	0.00	14.05	2	04:03	0	0.887	-5.403 %
J-269	JUNCTION	0.00	11.48	2	00:10	0	4.14	1.534 %
J-27	JUNCTION	4.79	15.36	2	11:51	0.439	1.3	0.535 %
J-271	JUNCTION	0.00	11.11	0	00:00	0	0.0033	82.678 %
J-275	JUNCTION	0.00	35.97	1	08:10	0	3.78	1.966 %
J-278	JUNCTION	0.00	4.47	0	23:04	0	2.39	0.130 %
J-27A	JUNCTION	0.00	10.50	2	11:42	0	0.575	4.302 %
J-280	JUNCTION	0.00	3.96	1	09:25	0	2.67	3.001 %
J-281	JUNCTION	0.00	5.21	1	20:11	0	2.67	2.396 %
J-282	JUNCTION	5.16	6.74	2	12:15	0.455	2.77	-1.134 %
J-283	JUNCTION	0.00	8.11	1	23:22	0	2.59	1.337 %
J-284	JUNCTION	0.00	17.03	0	23:41	0	4.24	0.047 %
J-284-WEIR	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J-285	JUNCTION	0.00	30.99	0	20:48	0	6.23	0.000 %
J-286	JUNCTION	0.00	26.39	1	23:06	0	4.5	-2.306 %
J-288	JUNCTION	2.99	22.15	1	07:25	0.257	2.2	-0.073 %
J-288A	JUNCTION	0.00	19.32	3	05:55	0	1.13	0.248 %
J-290	JUNCTION	9.50	10.82	3	02:41	0.867	1.8	4.121 %
J-290A	JUNCTION	0.00	9.21	3	02:42	0	0.263	0.000 %
J-293	JUNCTION	0.00	8.31	2	04:06	0	2.18	3.675 %
J-295	JUNCTION	0.00	7.90	2	09:59	0	2.13	-0.175 %
J-296	JUNCTION	1.83	7.16	1	14:27	0.149	2.24	2.671 %
J-297	JUNCTION	0.00	22.13	1	15:52	0	2.38	2.333 %
J-30	JUNCTION	0.00	2.78	2	11:50	0	0.768	9.218 %
J-300	JUNCTION	1.85	20.93	2	04:21	0.15	4.79	-3.042 %
J-301	JUNCTION	0.00	19.33	2	04:17	0	4.21	0.079 %
J-304	JUNCTION	0.00	13.04	2	07:29	0	2.73	-0.748 %
J-305	JUNCTION	4.97	21.33	2	07:29	0.409	2.77	0.482 %
J-31	JUNCTION	5.06	16.39	2	11:51	0.448	1.69	0.394 %
J-310	JUNCTION	4.80	9.57	2	05:34	0.389	2.65	0.767 %
J-312	JUNCTION	0.00	13.99	2	07:32	0	3.95	1.006 %
J-314	JUNCTION	4.62	27.58	3	05:18	0.397	1.04	0.359 %
J-314A	JUNCTION	0.00	24.90	3	04:56	0	0.428	0.822 %
J-317	JUNCTION	3.93	5.86	2	12:15	0.35	2.37	2.414 %
J-31A	JUNCTION	0.00	11.79	2	11:51	0	0.845	-8.099 %
J-321	JUNCTION	3.85	21.54	2	11:38	0.317	1.26	0.603 %
J-321A	JUNCTION	0.00	20.06	2	11:38	0	0.761	-2.117 %
J-323	JUNCTION	0.00	3.33	2	11:22	0	1.05	4.306 %
J-324	JUNCTION	5.83	18.27	2	11:18	0.5	1.53	0.247 %
J-324A	JUNCTION	0.00	15.31	2	11:18	0	0.952	-1.129 %
J-327	JUNCTION	0.00	4.21	2	11:51	0	0.53	13.105 %
J-328	JUNCTION	3.87	9.15	2	11:52	0.354	0.804	2.634 %
J-328A	JUNCTION	0.00	9.32	2	11:53	0	0.403	3.202 %
J-33	JUNCTION	0.00	7.11	3	05:10	0	2.03	2.105 %
J-333	JUNCTION	0.00	2.94	2	09:40	0	0.997	19.689 %
J-334	JUNCTION	0.00	3.95	2	07:55	0	1.04	11.270 %
J-335	JUNCTION	0.00	4.05	2	08:54	0	1.01	17.141 %
J-341	JUNCTION	10.52	23.58	2	10:14	0.947	2.06	0.159 %
J-341A	JUNCTION	0.00	21.69	2	10:14	0	1.55	0.000 %
J-342	JUNCTION	10.62	13.90	2	12:15	0.905	1.52	-0.474 %
J-343	JUNCTION	0.00	5.00	2	11:08	0	0.76	4.009 %
J-348	JUNCTION	0.00	2.90	2	09:29	0	0.998	18.276 %
J-351	JUNCTION	5.60	18.03	2	11:23	0.499	1.73	0.242 %
J-351A	JUNCTION	0.00	16.70	2	11:23	0	1.38	2.845 %
J-354	JUNCTION	5.39	10.08	2	11:52	0.497	1.42	2.938 %
J-354A	JUNCTION	0.00	21.77	2	10:58	0	1.69	2.672 %
J-354B	JUNCTION	0.00	24.33	3	02:14	0	1.59	31.144 %
J-355	JUNCTION	6.80	20.12	2	09:15	0.519	1.06	-11.744 %
J-355A	JUNCTION	0.00	18.03	2	09:43	0	0.502	-8.972 %
J-359	JUNCTION	0.00	5.78	3	01:56	0	0.595	0.046 %
J-36	JUNCTION	0.00	3.28	2	11:02	0	1.38	6.844 %
J-362	JUNCTION	0.00	4.67	3	05:45	0	0.661	0.436 %
J-363	JUNCTION	4.53	5.16	2	12:15	0.455	1.29	0.403 %
J-364	JUNCTION	0.00	5.90	1	22:09	0	1.44	1.509 %
J-367	JUNCTION	0.00	6.37	1	20:41	0	1.3	17.828 %
J-368	JUNCTION	7.84	8.43	2	12:15	0.779	1.82	-0.704 %
J-369	JUNCTION	0.00	7.37	3	04:35	0	1.59	4.895 %
J-374	JUNCTION	0.00	5.03	2	08:32	0	1.89	2.205 %
J-375	JUNCTION	0.00	7.67	3	04:32	0	1.88	-4.490 %
J-380	JUNCTION	4.93	32.11	3	05:28	0.463	3.9	-0.803 %
J-380A	JUNCTION	0.00	22.56	3	05:28	0	1.27	0.311 %
J-381	JUNCTION	0.00	6.35	1	16:30	0	3.57	-4.393 %
J-384	JUNCTION	7.69	13.58	2	05:30	0.724	5.72	-1.513 %
J-385	JUNCTION	0.00	16.56	2	04:45	0	4.62	0.768 %
J-388	JUNCTION	4.31	14.69	1	17:07	0.367	5.24	7.275 %
J-389	JUNCTION	0.00	8.79	2	04:45	0	1.81	3.193 %
J-393	JUNCTION	0.00	5.80	2	10:27	0	1.53	16.376 %
J-396	JUNCTION	6.19	6.19	2	12:15	0.59	1.52	11.100 %

J-399	JUNCTION	0.00	4.31	3	05:17	0	1.1	18.164 %
J-40	JUNCTION	4.68	44.25	2	10:56	0.428	2.03	0.475 %
J-402	JUNCTION	7.75	19.63	2	11:27	0.742	1.25	0.605 %
J-402A	JUNCTION	0.00	14.36	2	11:27	0	0.506	0.618 %
J-405	JUNCTION	0.00	3.87	3	04:39	0	0.93	11.979 %
J-407	JUNCTION	0.00	3.72	2	09:25	0	0.983	12.029 %
J-409	JUNCTION	0.00	6.03	2	08:18	0	1.14	4.182 %
J-40A	JUNCTION	0.00	13.15	2	10:56	0	0.371	0.300 %
J-40B	JUNCTION	0.00	13.15	2	10:56	0	0.889	0.680 %
J-40C	JUNCTION	0.00	13.15	2	10:56	0	0.638	-9.338 %
J-410	JUNCTION	4.94	8.75	3	03:20	0.435	1.68	8.859 %
J-412	JUNCTION	0.00	7.62	2	10:03	0	3.52	1.930 %
J-414	JUNCTION	0.00	6.56	2	11:46	0	2.04	2.902 %
J-415	JUNCTION	5.90	28.60	3	04:17	0.52	2.18	1.282 %
J-415A	JUNCTION	0.00	21.71	3	04:17	0	1.15	0.011 %
J-415B	JUNCTION	0.00	7.32	2	11:45	0	0.0975	3.518 %
J-416	JUNCTION	0.00	8.54	3	04:15	0	1.99	1.921 %
J-417	JUNCTION	0.00	16.96	3	03:44	0	6.29	-1.368 %
J-42	JUNCTION	3.69	20.64	2	08:32	0.302	1.72	-0.556 %
J-421	JUNCTION	7.56	12.12	2	04:26	0.766	2.24	1.097 %
J-422	JUNCTION	3.67	28.16	3	04:50	0.334	1.12	0.545 %
J-422A	JUNCTION	0.00	23.94	3	04:50	0	1.24	0.250 %
J-423	JUNCTION	12.21	37.66	3	01:10	1.12	8.38	-0.868 %
J-423A	JUNCTION	0.00	19.94	2	23:58	0	2.37	0.114 %
J-424	JUNCTION	0.00	4.08	3	01:24	0	1.7	6.368 %
J-427	JUNCTION	0.00	4.10	1	02:51	0	1.72	7.086 %
J-42A	JUNCTION	0.00	16.41	2	08:38	0	0.55	0.589 %
J-430	JUNCTION	7.84	20.16	3	02:42	0.706	2.36	-0.098 %
J-430A	JUNCTION	0.00	19.79	3	04:18	0	1.29	-2.410 %
J-431	JUNCTION	6.35	38.69	0	10:16	0.592	3.18	2.923 %
J-431A	JUNCTION	0.00	31.55	0	09:47	0	1.81	1.670 %
J-432	JUNCTION	0.00	22.36	0	08:59	0	1.38	4.712 %
J-432B	JUNCTION	0.00	12.85	0	09:56	0	0.352	0.838 %
J-433	JUNCTION	0.00	7.18	0	21:11	0	1.26	12.642 %
J-434	JUNCTION	0.00	7.32	0	16:02	0	1.49	8.617 %
J-435	JUNCTION	0.00	7.09	0	16:02	0	1.16	1.688 %
J-436	JUNCTION	0.00	7.99	2	09:22	0	1.41	-2.710 %
J-437	JUNCTION	6.39	10.78	2	11:59	0.616	2.18	-7.131 %
J-438	JUNCTION	5.39	6.20	2	12:15	0.462	0.998	-16.546 %
J-439	JUNCTION	0.00	6.87	1	05:37	0	2.67	7.217 %
J-440	JUNCTION	5.96	17.00	3	01:24	0.584	10.6	0.161 %
J-441	JUNCTION	0.00	4.84	1	11:21	0	1.8	-0.173 %
J-444	JUNCTION	0.00	29.41	2	23:40	0	5.41	15.432 %
J-444-WEIR	JUNCTION	0.00	37.59	2	20:47	0	1.84	-28.363 %
J-445	JUNCTION	1.80	21.63	2	23:44	0.134	5.93	0.575 %
J-448	JUNCTION	0.00	16.83	0	21:16	0	6.21	3.052 %
J-450	JUNCTION	0.00	19.25	3	00:22	0	6.25	3.013 %
J-454	JUNCTION	0.00	17.13	0	21:16	0	6.39	2.732 %
J-455	JUNCTION	0.00	21.11	1	18:11	0	6.5	0.039 %
J-459	JUNCTION	9.03	34.24	2	05:53	0.919	8.81	1.031 %
J-459A	JUNCTION	0.00	26.56	0	21:36	0	2.81	0.000 %
J-460-NEW	JUNCTION	0.00	30.93	0	23:04	0	6.99	0.052 %
J-463	JUNCTION	0.00	28.83	0	10:54	0	7.51	0.176 %
J-466	JUNCTION	0.00	127.18	1	11:12	0	21.2	-0.177 %
J-468	JUNCTION	0.00	19.65	1	05:17	0	5.39	0.432 %
J-47	JUNCTION	1.54	15.23	2	15:53	0.272	5.01	8.931 %
J-470	JUNCTION	1.13	57.89	1	10:55	0.246	11.6	-4.689 %
J-471	JUNCTION	0.00	74.43	2	10:37	0	15.4	-13.374 %
J-478	JUNCTION	0.00	75.03	2	10:37	0	13	-8.517 %
J-479	JUNCTION	1.00	78.20	0	21:50	0.206	13	-2.663 %
J-480	JUNCTION	1.35	46.98	1	19:46	0.231	9.07	-9.184 %
J-481	JUNCTION	4.35	33.60	1	05:48	0.342	7.7	-6.801 %
J-482	JUNCTION	2.93	27.31	0	22:31	0.291	7.85	-8.550 %
J-484	JUNCTION	0.00	23.59	0	06:49	0	3.47	3.957 %
J-485	JUNCTION	0.00	21.18	0	06:49	0	3.74	5.050 %
J-486	JUNCTION	0.00	40.35	2	14:34	0	9.29	2.199 %
J-487	JUNCTION	3.42	23.46	1	19:37	0.318	6.27	1.132 %
J-489	JUNCTION	4.60	20.02	0	06:55	0.413	5.32	-5.627 %
J-491	JUNCTION	0.00	15.18	0	06:56	0	4.8	2.044 %
J-492	JUNCTION	0.00	10.07	2	00:05	0	4.67	5.134 %
J-493	JUNCTION	1.12	17.39	0	11:09	0.217	8.44	7.013 %
J-495	JUNCTION	0.00	18.13	1	23:05	0	4.77	11.095 %
J-497	JUNCTION	2.25	9.26	0	08:57	0.249	2.34	7.045 %
J-498	JUNCTION	5.50	19.51	2	11:55	0.613	1.15	-0.474 %
J-498A	JUNCTION	0.00	16.94	2	11:08	0	0.599	0.549 %
J-499	JUNCTION	0.00	7.95	2	11:33	0	0.671	1.789 %
J-5	JUNCTION	11.14	32.89	2	08:21	0.953	5.08	0.274 %
J-50	JUNCTION	0.00	10.17	1	19:10	0	4.15	11.838 %
J-500	JUNCTION	0.00	10.13	2	11:40	0	0.658	3.306 %
J-505	JUNCTION	0.00	9.38	2	09:46	0	0.647	6.225 %

J-508	JUNCTION	8.25	8.40	2	11:32	0.934	1.41	2.176 %
J-51	JUNCTION	0.00	29.62	2	16:47	0	6.21	15.171 %
J-512	JUNCTION	1.90	7.20	2	12:03	0.212	1.3	2.959 %
J-518	JUNCTION	2.01	7.02	2	11:40	0.222	1.42	2.137 %
J-53	JUNCTION	0.00	2.29	2	09:02	0	0.0571	-3.838 %
J-534	JUNCTION	4.63	6.48	2	12:15	0.516	3.52	-0.705 %
J-537	JUNCTION	0.00	9.52	0	14:16	0	3.14	-0.171 %
J-539	JUNCTION	1.94	74.29	0	08:42	0.222	7.59	0.155 %
J-539-WEIR	JUNCTION	0.00	143.43	2	08:55	0	6.67	-11.834 %
J-539A	JUNCTION	0.00	129.73	2	08:48	0	9.11	0.000 %
J-54	JUNCTION	6.02	19.35	2	12:15	0.578	1.49	3.861 %
J-541	JUNCTION	4.85	5.87	2	05:43	0.418	1.11	-3.159 %
J-544	JUNCTION	1.59	7.84	1	20:03	0.295	4.17	12.342 %
J-548	JUNCTION	0.00	34.97	3	05:52	0	6.56	-5.295 %
J-54A	JUNCTION	0.00	7.15	2	10:43	0	0.443	23.088 %
J-54B	JUNCTION	0.00	7.05	2	10:55	0	0.615	2.422 %
J-550	JUNCTION	0.99	24.75	2	11:39	0.18	6.04	-9.691 %
J-553	JUNCTION	0.00	19.95	0	00:02	0	6.2	12.857 %
J-554	JUNCTION	0.00	35.15	2	14:50	0	28.3	0.774 %
J-555	JUNCTION	4.59	36.70	2	09:36	0.524	28.3	-0.581 %
J-557	JUNCTION	3.64	14.23	2	20:55	0.321	23	-0.314 %
J-558	JUNCTION	0.00	19.74	1	10:04	0	23.1	-0.298 %
J-559	JUNCTION	2.36	32.83	2	12:43	0.197	24.7	0.445 %
J-560	JUNCTION	0.00	29.40	3	05:28	0	24.6	0.512 %
J-561	JUNCTION	0.00	82.21	0	00:00	0	24.6	0.048 %
J-563	JUNCTION	5.76	33.83	2	11:59	0.484	1.8	0.855 %
J-563A	JUNCTION	0.00	24.29	3	05:43	0	0.992	0.000 %
J-565	JUNCTION	0.00	11.43	2	10:04	0	3.44	17.149 %
J-566	JUNCTION	0.00	151.96	3	05:44	0	3.44	24.684 %
J-566-WEIR	JUNCTION	0.00	121.88	3	02:51	0	0.484	-68.144 %
J-567	JUNCTION	0.00	11.52	2	13:08	0	1.44	0.524 %
J-568	JUNCTION	0.00	13.50	2	13:09	0	1.46	0.870 %
J-569	JUNCTION	0.00	10.58	3	05:19	0	1.48	0.694 %
J-570	JUNCTION	0.00	17.95	3	05:42	0	1.47	-4.334 %
J-571	JUNCTION	13.31	43.99	2	23:31	1.31	1.8	-0.729 %
J-571A	JUNCTION	0.00	18.90	2	23:32	0	0.461	1.032 %
J-571B	JUNCTION	0.00	17.92	3	05:17	0	0.465	0.327 %
J-572A	JUNCTION	0.00	3.65	2	12:58	0	0.263	0.911 %
J-572B	JUNCTION	0.00	1.79	2	09:23	0	0.0665	0.000 %
J-575	JUNCTION	0.00	61.46	0	00:00	0	2.23	0.172 %
J-576	JUNCTION	0.00	4.57	3	04:48	0	1.57	1.717 %
J-577	JUNCTION	0.00	6.08	1	21:23	0	2.78	-0.092 %
J-578	JUNCTION	0.00	5.22	2	10:07	0	2.35	6.332 %
J-58	JUNCTION	3.60	26.27	2	09:50	0.326	0.757	1.503 %
J-581	JUNCTION	0.00	3.76	2	16:41	0	2.28	0.000 %
J-585	JUNCTION	9.93	29.40	2	10:57	0.871	2.24	-1.094 %
J-585B	JUNCTION	0.00	20.88	1	07:00	0	1.28	0.604 %
J-588	JUNCTION	0.00	4.75	2	16:53	0	1.27	20.711 %
J-58A	JUNCTION	0.00	19.81	2	10:13	0	0.103	6.932 %
J-59	JUNCTION	5.56	46.52	2	09:44	0.478	1.57	0.041 %
J-591	JUNCTION	7.53	35.22	2	09:12	0.624	2.8	0.384 %
J-591A	JUNCTION	0.00	15.58	3	01:56	0	0.422	1.148 %
J-591B	JUNCTION	0.00	15.58	3	01:56	0	0.322	1.508 %
J-596	JUNCTION	0.00	2.03	0	19:45	0	0.0258	21.740 %
J-596A	JUNCTION	0.00	9.92	2	10:42	0	0.392	-6.537 %
J-598	JUNCTION	10.27	15.98	2	12:14	0.842	2.65	0.140 %
J-598A	JUNCTION	0.00	6.89	1	11:21	0	0.817	-0.175 %
J-598B	JUNCTION	0.00	6.89	1	11:21	0	0.883	-0.163 %
J-59A	JUNCTION	0.00	20.50	2	09:46	0	0.727	12.773 %
J-59B	JUNCTION	0.00	20.50	2	09:46	0	0.549	3.605 %
J-5A	JUNCTION	0.00	23.20	2	10:06	0	2.02	-0.337 %
J-6	JUNCTION	0.00	12.83	3	05:19	0	2.58	6.053 %
J-60	JUNCTION	0.00	6.47	2	10:04	0	0.955	0.193 %
J-601	JUNCTION	0.00	4.74	1	09:29	0	1.42	17.175 %
J-602	JUNCTION	0.00	6.69	0	19:06	0	1.5	12.327 %
J-603	JUNCTION	0.00	8.31	2	13:15	0	3.45	-1.376 %
J-604	JUNCTION	0.00	6.77	2	13:15	0	2.65	0.325 %
J-606	JUNCTION	4.25	9.92	2	11:39	0.383	2.67	2.878 %
J-607	JUNCTION	0.00	7.12	2	13:14	0	2.3	7.044 %
J-609	JUNCTION	0.00	8.40	2	13:14	0	2.61	10.103 %
J-61	JUNCTION	3.60	15.02	2	10:01	0.291	1.53	4.122 %
J-611	JUNCTION	10.93	10.93	2	12:15	1.17	2.85	-0.167 %
J-611A	JUNCTION	0.00	3.87	2	16:10	0	0.214	-4.969 %
J-611B	JUNCTION	0.00	9.52	1	11:51	0	1.45	-0.535 %
J-613	JUNCTION	0.00	4.53	2	16:24	0	1.38	9.206 %
J-615	JUNCTION	0.00	4.26	2	16:24	0	1.31	10.278 %
J-618	JUNCTION	3.46	3.46	2	12:15	0.303	0.805	29.364 %
J-61A	JUNCTION	0.00	6.32	3	00:24	0	0.389	26.811 %
J-623	JUNCTION	0.00	12.68	2	11:14	0	0.927	15.947 %
J-624	JUNCTION	6.17	22.99	2	11:41	0.591	2.63	1.426 %

J-624A	JUNCTION	0.00	19.66	2	10:56	0	1.09	-8.517 %
J-626	JUNCTION	0.00	6.92	1	11:37	0	2.12	3.758 %
J-629	JUNCTION	6.31	7.03	2	12:15	0.537	1.08	10.413 %
J-63	JUNCTION	8.30	8.38	2	08:34	0.782	1.53	0.677 %
J-632	JUNCTION	2.92	2.95	2	08:15	0.25	0.734	27.378 %
J-633	JUNCTION	5.30	10.02	2	11:10	0.459	2.27	3.692 %
J-637	JUNCTION	1.58	8.33	2	09:07	0.126	1.15	7.397 %
J-64	JUNCTION	0.00	6.23	2	09:37	0	0.821	4.256 %
J-640	JUNCTION	4.04	5.69	2	12:15	0.361	1.07	18.712 %
J-647	JUNCTION	3.20	16.39	2	11:08	0.297	2.24	1.094 %
J-647A	JUNCTION	0.00	9.59	2	11:02	0	1.12	0.118 %
J-647B	JUNCTION	0.00	7.88	2	11:03	0	0.316	-13.986 %
J-650	JUNCTION	0.00	11.10	2	08:48	0	4	1.421 %
J-653	JUNCTION	6.15	9.27	2	11:47	0.588	0.872	3.965 %
J-653A	JUNCTION	0.00	9.26	2	11:48	0	0.152	0.000 %
J-654	JUNCTION	7.02	24.40	2	11:23	0.586	1.23	0.902 %
J-654A	JUNCTION	0.00	21.53	2	11:08	0	0.583	0.000 %
J-657	JUNCTION	3.41	7.35	2	11:21	0.262	1.87	4.637 %
J-659	JUNCTION	1.98	11.29	1	20:16	0.142	2.42	1.643 %
J-663	JUNCTION	13.07	16.02	2	12:15	1.24	4.14	2.925 %
J-665	JUNCTION	4.92	11.03	0	19:25	0.413	4.29	1.172 %
J-666	JUNCTION	0.00	12.93	1	13:03	0	6.09	5.121 %
J-67	JUNCTION	4.45	5.78	2	12:15	0.348	2.04	-0.269 %
J-670	JUNCTION	0.00	12.94	1	09:30	0	2.68	8.528 %
J-672	JUNCTION	5.80	7.21	2	15:00	0.55	5.68	0.027 %
J-673	JUNCTION	0.00	48.58	2	11:08	0	5.32	-1.315 %
J-673A	JUNCTION	0.00	6.60	2	08:43	0	0.478	-0.076 %
J-678	JUNCTION	8.27	9.20	2	07:52	0.751	3.27	9.184 %
J-67A	JUNCTION	0.00	4.64	1	22:14	0	0.868	16.842 %
J-682	JUNCTION	4.01	5.69	2	12:15	0.358	0.382	0.181 %
J-684	JUNCTION	2.97	3.24	2	15:40	0.255	0.637	-1.037 %
J-686	JUNCTION	0.00	2.82	2	11:48	0	0.62	0.162 %
J-687	JUNCTION	3.55	4.83	2	12:15	0.32	0.94	0.278 %
J-691	JUNCTION	0.00	4.80	2	21:36	0	0.948	-1.259 %
J-692	JUNCTION	0.00	5.52	2	21:48	0	0.959	0.183 %
J-692-WEIR	JUNCTION	0.00	4.94	0	00:00	0	0.225	0.191 %
J-693	JUNCTION	0.00	8.11	0	00:00	0	0.243	0.223 %
J-697	JUNCTION	0.00	4.39	1	19:26	0	1.13	21.230 %
J-7	JUNCTION	0.00	10.26	2	08:21	0	2.36	10.944 %
J-700	JUNCTION	5.54	5.54	2	12:15	0.521	1.48	-4.419 %
J-701	JUNCTION	0.00	11.37	0	00:00	0	2.89	3.190 %
J-702	JUNCTION	0.00	11.93	0	00:00	0	7.34	-0.442 %
J-705	JUNCTION	0.00	6.03	2	12:25	0	1.77	5.958 %
J-707	JUNCTION	0.00	6.03	2	12:25	0	1.59	5.024 %
J-710	JUNCTION	6.54	6.54	2	12:15	0.633	0.966	-11.542 %
J-712	JUNCTION	4.55	4.55	2	12:15	0.505	0.637	-16.759 %
J-714	JUNCTION	5.30	7.32	2	14:16	0.59	1.57	-1.560 %
J-719	JUNCTION	3.28	6.59	2	15:51	0.363	2.04	-3.250 %
J-72	JUNCTION	0.00	10.22	2	10:20	0	3.15	0.945 %
J-721	JUNCTION	0.00	7.57	3	04:46	0	2.61	0.922 %
J-725	JUNCTION	0.00	16.88	2	14:28	0	1.84	-7.784 %
J-728	JUNCTION	4.20	12.42	2	14:25	0.466	2.66	-5.936 %
J-73	JUNCTION	0.00	4.35	1	15:39	0	1.7	9.336 %
J-734	JUNCTION	2.81	40.53	1	14:01	0.311	9.08	-3.292 %
J-734A	JUNCTION	0.00	22.90	3	04:45	0	2.7	0.923 %
J-734B	JUNCTION	0.00	22.86	1	04:15	0	2.67	-0.994 %
J-735	JUNCTION	0.00	82.78	3	04:45	0	4.76	-5.024 %
J-736	JUNCTION	0.00	11.87	2	04:01	0	3.14	-6.206 %
J-74	JUNCTION	5.20	6.55	2	12:15	0.445	1.44	6.911 %
J-740	JUNCTION	0.00	2.84	2	11:12	0	0.71	14.386 %
J-741	JUNCTION	0.00	7.39	2	11:32	0	0.772	13.401 %
J-744	JUNCTION	0.00	8.33	2	07:29	0	0.987	10.462 %
J-745	JUNCTION	0.00	22.88	2	10:29	0	1.73	0.702 %
J-745A	JUNCTION	0.00	15.88	2	10:38	0	1.34	-3.269 %
J-748	JUNCTION	0.00	53.33	0	12:30	0	6.22	21.177 %
J-748-WEIR-STANTEC	JUNCTION	0.00	62.09	2	06:36	0	3.42	-41.390 %
J-748A	JUNCTION	0.00	18.55	1	10:17	0	2.4	-1.621 %
J-749	JUNCTION	0.00	8.50	1	20:51	0	2.6	5.816 %
J-750	JUNCTION	2.62	28.28	2	08:19	0.229	7.08	3.240 %
J-750A	JUNCTION	0.00	21.83	0	13:24	0	1.99	-1.767 %
J-751	JUNCTION	0.00	14.11	1	10:05	0	3.45	3.165 %
J-752	JUNCTION	0.00	80.11	0	14:12	0	7.49	9.411 %
J-753	JUNCTION	0.00	8.88	0	15:04	0	2.68	-0.950 %
J-754	JUNCTION	3.53	23.60	2	00:27	0.321	3.99	-2.455 %
J-754-WEIR-STANTEC	JUNCTION	0.00	98.05	2	08:43	0	5.21	-41.145 %
J-754A	JUNCTION	0.00	28.42	2	22:20	0	2.76	-8.016 %
J-755	JUNCTION	0.00	9.98	1	08:59	0	1.51	15.882 %
J-757	JUNCTION	5.79	14.25	2	11:18	0.491	2.22	-0.201 %
J-760	JUNCTION	0.00	15.15	2	10:42	0	0.851	2.337 %
J-761	JUNCTION	0.00	12.88	2	12:06	0	2.49	0.538 %

J-763	JUNCTION	7.07	19.32	1	21:59	0.693	9.23	2.513 %
J-764	JUNCTION	0.00	8.55	2	11:33	0	2.35	12.288 %
J-766	JUNCTION	2.72	16.68	2	11:56	0.3	1.13	-3.990 %
J-766A	JUNCTION	0.00	19.22	3	04:46	0	0.516	-8.454 %
J-768	JUNCTION	0.00	4.95	2	11:56	0	1.22	-4.403 %
J-769	JUNCTION	0.00	5.74	3	05:20	0	1.33	-0.173 %
J-77	JUNCTION	3.81	28.67	2	08:44	0.386	3.97	-0.464 %
J-771	JUNCTION	0.00	8.73	2	00:10	0	1.42	-1.655 %
J-772	JUNCTION	0.00	8.09	2	00:10	0	1.63	-5.465 %
J-774	JUNCTION	0.00	5.75	1	16:37	0	1.15	-1.058 %
J-776	JUNCTION	2.52	6.56	1	18:51	0.279	1.29	-2.006 %
J-778	JUNCTION	0.00	4.77	2	08:51	0	1.09	-4.917 %
J-77A	JUNCTION	0.00	28.67	2	17:21	0	2.76	-1.434 %
J-77B	JUNCTION	0.00	18.94	2	10:04	0	0.809	0.000 %
J-780	JUNCTION	0.00	4.69	2	13:12	0	1.36	-6.037 %
J-782	JUNCTION	0.00	2.22	2	13:13	0	0.744	-1.073 %
J-784	JUNCTION	4.32	4.32	2	12:15	0.482	0.94	-5.638 %
J-786	JUNCTION	0.00	2.99	2	11:56	0	0.702	-2.311 %
J-788	JUNCTION	0.00	3.08	2	13:13	0	0.692	-7.753 %
J-790	JUNCTION	0.00	3.43	2	11:47	0	0.719	-5.609 %
J-792	JUNCTION	0.00	5.23	2	10:48	0	0.839	-17.268 %
J-793	JUNCTION	1.45	4.60	2	17:37	0.161	0.323	-6.712 %
J-795	JUNCTION	0.00	4.29	2	11:47	0	0.7	-4.362 %
J-799	JUNCTION	0.00	7.38	2	09:50	0	1.68	0.105 %
J-799-WEIR-EAC	JUNCTION	0.00	23.35	3	02:52	0	2.22	0.000 %
J-80	JUNCTION	7.74	8.72	2	12:15	0.646	1.46	10.783 %
J-800	JUNCTION	0.00	13.82	3	02:27	0	3.14	-0.259 %
J-802	JUNCTION	0.00	6.74	3	01:46	0	1.65	2.615 %
J-806	JUNCTION	0.00	7.87	3	01:45	0	2.65	0.590 %
J-809	JUNCTION	1.03	19.34	2	23:07	0.0896	3.88	-0.094 %
J-810	JUNCTION	0.00	9.47	2	23:08	0	1.25	2.153 %
J-813	JUNCTION	0.00	5.86	3	02:25	0	1.2	2.127 %
J-816	JUNCTION	6.06	6.43	2	12:13	0.579	1.22	0.456 %
J-819	JUNCTION	0.00	4.35	3	04:42	0	0.623	2.913 %
J-82	JUNCTION	0.00	9.70	2	09:49	0	1.1	27.214 %
J-822	JUNCTION	5.34	5.34	2	12:15	0.504	0.532	-1.720 %
J-826	JUNCTION	4.94	5.83	2	12:15	0.463	0.52	-1.870 %
J-829	JUNCTION	0.00	6.35	3	02:27	0	0.686	1.533 %
J-83	JUNCTION	4.65	32.65	2	10:16	0.43	3.98	-0.943 %
J-831	JUNCTION	4.20	5.88	3	02:02	0.378	1.14	0.527 %
J-836	JUNCTION	4.34	6.42	3	01:19	0.393	1.51	0.701 %
J-838	JUNCTION	5.22	5.22	2	12:15	0.491	0.524	-4.433 %
J-83A	JUNCTION	0.00	30.84	3	05:17	0	3.02	2.540 %
J-84	JUNCTION	0.00	9.20	2	09:00	0	2.59	4.047 %
J-841	JUNCTION	0.00	5.52	2	09:53	0	0.623	4.937 %
J-844	JUNCTION	6.84	9.41	2	12:15	0.668	1.25	-2.514 %
J-848	JUNCTION	0.00	7.56	2	13:14	0	1.25	2.718 %
J-850	JUNCTION	0.00	10.04	2	09:49	0	1.32	7.192 %
J-851	JUNCTION	1.23	16.59	2	13:16	0.102	5.04	0.187 %
J-856	JUNCTION	0.00	16.13	2	12:15	0	5.67	0.020 %
J-860	JUNCTION	0.96	8.75	2	12:15	0.0738	0.775	0.085 %
J-863	JUNCTION	0.00	7.79	2	12:15	0	0.7	0.126 %
J-865	JUNCTION	3.49	7.79	2	12:15	0.306	0.7	0.135 %
J-868	JUNCTION	0.00	4.29	2	12:15	0	0.393	0.188 %
J-87	JUNCTION	0.00	4.87	2	07:35	0	1.57	14.227 %
J-870	JUNCTION	4.29	4.29	2	12:15	0.393	0.393	0.086 %
J-879	JUNCTION	7.31	12.12	2	12:15	0.816	5.63	0.580 %
J-88	JUNCTION	0.00	4.55	2	09:34	0	1.73	9.876 %
J-880	JUNCTION	3.32	15.47	0	10:05	0.371	5.36	-9.248 %
J-881	JUNCTION	0.00	15.57	2	02:45	0	5.59	6.143 %
J-882	JUNCTION	5.24	10.76	2	18:00	0.58	4.69	-1.130 %
J-883	JUNCTION	0.00	12.46	2	18:16	0	4.32	4.248 %
J-884	JUNCTION	0.00	42.62	2	17:51	0	3.6	-11.934 %
J-888	JUNCTION	0.00	7.04	2	10:31	0	0.74	4.882 %
J-889	JUNCTION	0.00	5.03	2	11:03	0	0.62	9.423 %
J-891	JUNCTION	2.98	7.30	2	11:35	0.261	1.02	8.573 %
J-892	JUNCTION	0.00	6.35	2	11:20	0	0.777	6.650 %
J-894	JUNCTION	1.99	4.65	2	07:57	0.181	0.829	10.749 %
J-896	JUNCTION	0.00	5.30	2	08:48	0	0.813	11.570 %
J-899	JUNCTION	6.22	31.22	2	11:20	0.598	1.15	0.716 %
J-899A	JUNCTION	0.00	25.81	2	11:20	0	0.771	15.889 %
J-902	JUNCTION	0.00	25.19	3	01:59	0	1.74	-17.512 %
J-903	JUNCTION	2.75	29.36	2	11:29	0.257	7.58	10.251 %
J-903A	JUNCTION	0.00	27.57	2	17:51	0	1.7	11.434 %
J-910	JUNCTION	5.36	5.36	2	12:15	0.501	0.501	0.102 %
J-912	JUNCTION	9.74	9.74	2	12:15	1.02	1.02	0.086 %
J-917	JUNCTION	0.00	12.04	1	10:24	0	0.776	-1.149 %
J-918	JUNCTION	8.86	13.18	2	06:36	0.712	2.24	-1.841 %
J-920	JUNCTION	0.00	60.37	0	00:00	0	22.7	0.023 %
J-934	JUNCTION	2.56	21.73	2	11:03	0.24	1.92	0.095 %

J-934A	JUNCTION	0.00	21.00	3	00:37	0	1.79	3.720	%
J-951	JUNCTION	3.34	11.53	2	17:44	0.373	1.8	-27.071	%
J-953	JUNCTION	0.00	13.65	2	08:51	0	4.88	-13.092	%
J-954	JUNCTION	0.00	20.40	0	00:03	0	7	-0.734	%
J-958	JUNCTION	1.04	55.99	1	16:29	0.202	11.8	-0.052	%
J-96	JUNCTION	0.00	6.19	2	11:44	0	1.8	4.885	%
J-963	JUNCTION	0.00	15.11	2	09:36	0	3.45	0.400	%
J-99	JUNCTION	8.07	8.07	2	12:15	0.716	1.7	11.677	%
JCT-24	JUNCTION	0.00	29.06	2	12:35	0	3.49	7.586	%
JCT-26	JUNCTION	0.00	95.80	2	15:16	0	2.66	-24.496	%
JCT-26-WEIR	JUNCTION	0.00	95.40	2	15:21	0	1.53	-52.724	%
JCT-28	JUNCTION	8.69	15.85	2	09:29	0.762	2.43	0.068	%
JCT-28-WEIR	JUNCTION	0.00	22.01	2	08:59	0	2.17	0.340	%
JCT-30	JUNCTION	7.23	56.79	2	11:08	0.713	5.27	0.094	%
JCT-32	JUNCTION	4.61	11.72	0	08:24	0.421	0.95	0.428	%
JCT-32-WEIR	JUNCTION	0.00	10.97	2	20:47	0	0.425	-0.218	%
JCT-36	JUNCTION	0.00	18.41	0	00:01	0	5.56	0.120	%
JCT-46	JUNCTION	0.00	55.58	0	00:00	0	5.74	1.085	%
JCT-64	JUNCTION	0.00	13.62	1	22:09	0	2.33	-0.012	%
J-171	OUTFALL	0.00	12.06	2	12:15	0	6.83	0.000	%
J-263	OUTFALL	0.00	5.63	2	13:57	0	2.48	0.000	%
J-279	OUTFALL	0.00	4.21	2	15:59	0	2.09	0.000	%
J-33A	OUTFALL	0.00	2.82	2	06:46	0	1.81	0.000	%
J-386	OUTFALL	0.00	1.70	0	07:45	0	1.02	0.000	%
J-442	OUTFALL	0.00	12.54	2	14:50	0	10.1	0.000	%
J-561A	OUTFALL	0.00	65.98	0	00:00	0	18.8	0.000	%
J-567A	OUTFALL	0.00	2.82	2	11:29	0	1.43	0.000	%
J-582	OUTFALL	0.00	5.19	3	02:02	0	3.06	0.000	%
J-605	OUTFALL	0.00	6.78	2	13:14	0	2.65	0.000	%
J-671	OUTFALL	0.00	7.21	2	15:00	0	5.59	0.000	%
J-694	OUTFALL	0.00	9.20	0	00:00	0	0.48	0.000	%
J-703	OUTFALL	0.00	11.93	0	00:00	0	5.71	0.000	%
J-909	OUTFALL	0.00	5.36	2	12:15	0	0.502	0.000	%
J-911	OUTFALL	0.00	9.74	2	12:15	0	1.02	0.000	%
J-913	OUTFALL	0.00	11.11	0	00:00	0	0.0051	0.000	%
J-919	OUTFALL	0.00	11.87	0	00:00	0	2.26	0.000	%
J-920A	OUTFALL	0.00	60.37	0	00:00	0	16.8	0.000	%
J-963A	OUTFALL	0.00	8.11	0	00:00	0	0.243	0.000	%
J575A	OUTFALL	0.00	61.46	0	00:00	0	2.23	0.000	%
OFALL-10	OUTFALL	0.00	4.62	2	07:12	0	3.21	0.000	%
OFALL-12	OUTFALL	0.00	2.84	1	15:37	0	1.63	0.000	%
OFALL-14	OUTFALL	0.00	1.41	0	05:46	0	1.15	0.000	%
OFALL-16	OUTFALL	0.00	3.85	2	06:16	0	3.52	0.000	%
OFALL-18	OUTFALL	0.00	2.06	0	07:17	0	1.31	0.000	%
OFALL-20	OUTFALL	0.00	1.44	0	10:49	0	1.01	0.000	%
OFALL-22	OUTFALL	0.00	1.95	1	09:28	0	0.927	0.000	%
OFALL-24	OUTFALL	0.00	0.00	0	00:00	0	0	0.000	gal
OFALL-26	OUTFALL	0.00	2.27	0	16:12	0	1.95	0.000	%
OFALL-28	OUTFALL	0.00	3.79	1	06:08	0	2.26	0.000	%
OFALL-30	OUTFALL	0.00	1.90	1	20:31	0	1.67	0.000	%
OFALL-32	OUTFALL	0.00	2.27	0	08:46	0	1.51	0.000	%
OFALL-34	OUTFALL	0.00	0.63	0	19:59	0	0.382	0.000	%
OFALL-36	OUTFALL	0.00	1.21	0	09:30	0	0.806	0.000	%
OFALL-38	OUTFALL	0.00	1.28	2	11:34	0	0.739	0.000	%
OFALL-40	OUTFALL	0.00	1.28	0	06:20	0	1.69	0.000	%
OFALL-42	OUTFALL	0.00	1.28	0	07:06	0	1.68	0.000	%
OFALL-44	OUTFALL	0.00	3.30	0	00:00	0	6.63	0.000	%
OFALL-46	OUTFALL	0.00	1.90	2	00:20	0	0.655	0.000	%
OFALL-48	OUTFALL	0.00	2.84	2	08:28	0	0.977	0.000	%
OFALL-50	OUTFALL	0.00	1.28	0	17:28	0	0.72	0.000	%
OFALL-52	OUTFALL	0.00	1.28	0	16:23	0	1.84	0.000	%
OFALL-54	OUTFALL	0.00	2.84	1	12:07	0	1.33	0.000	%
OFALL-66	OUTFALL	0.00	3.79	0	06:08	0	4.72	0.000	%
WELL-2E	OUTFALL	0.00	55.58	0	00:00	0	5.76	0.000	%
WELL-3	OUTFALL	0.00	4.88	0	00:01	0	1.43	0.000	%
WELL-4	OUTFALL	0.00	13.54	0	00:01	0	4.14	0.000	%
WELL-W-ENID-DR	OUTFALL	0.00	3.79	0	05:14	0	5.56	0.000	%
J-856-STORAGE-NEW	STORAGE	0.00	16.13	2	12:15	0	5.67	0.000	%

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
J-102	JUNCTION	52.55	5.336	0.000
J-104	JUNCTION	64.45	6.275	0.000
J-106	JUNCTION	60.58	6.256	0.000
J-109	JUNCTION	18.32	1.487	0.000
J-11	JUNCTION	69.99	5.713	0.000
J-110	JUNCTION	61.53	5.650	0.000
J-113	JUNCTION	69.59	5.986	0.000
J-114	JUNCTION	63.79	5.582	0.000
J-118	JUNCTION	20.97	3.411	0.000
J-12	JUNCTION	31.60	4.714	0.000
J-121	JUNCTION	59.72	6.256	0.000
J-126	JUNCTION	18.19	1.174	0.000
J-127	JUNCTION	18.07	1.206	0.000
J-128	JUNCTION	17.97	1.144	0.000
J-129	JUNCTION	20.53	3.410	0.000
J-130	JUNCTION	23.68	4.057	0.000
J-131	JUNCTION	27.86	4.298	0.000
J-132	JUNCTION	70.49	5.543	0.000
J-137	JUNCTION	69.30	5.704	0.000
J-139	JUNCTION	76.39	5.787	0.000
J-140	JUNCTION	72.90	5.960	0.000
J-147	JUNCTION	66.08	6.254	0.000
J-148	JUNCTION	63.66	6.337	0.000
J-149	JUNCTION	59.05	6.337	0.000
J-15	JUNCTION	21.89	3.540	0.000
J-152	JUNCTION	61.09	6.393	0.000
J-153	JUNCTION	59.95	6.423	0.000
J-155	JUNCTION	61.87	6.446	0.000
J-156	JUNCTION	61.25	6.525	0.000
J-158	JUNCTION	21.55	3.816	0.000
J-160	JUNCTION	46.66	6.217	0.000
J-161	JUNCTION	21.50	3.705	0.000
J-162	JUNCTION	26.22	4.419	0.000
J-163	JUNCTION	75.58	5.108	0.000
J-164	JUNCTION	72.51	5.178	0.000
J-165	JUNCTION	71.33	5.269	0.000
J-166	JUNCTION	72.62	4.873	0.000
J-167	JUNCTION	74.38	4.421	0.000
J-168	JUNCTION	73.20	4.830	0.000
J-169	JUNCTION	68.29	4.998	0.000
J-170	JUNCTION	60.13	5.099	0.000
J-174	JUNCTION	66.99	6.617	0.000
J-175	JUNCTION	57.67	6.617	0.000
J-176	JUNCTION	42.62	6.218	0.000
J-179	JUNCTION	42.08	6.220	0.000
J-18	JUNCTION	20.23	3.039	0.000
J-180	JUNCTION	22.80	4.402	0.000
J-185	JUNCTION	22.65	4.468	0.000
J-188	JUNCTION	23.07	4.841	0.000
J-191	JUNCTION	22.98	4.318	0.000
J-195	JUNCTION	23.68	3.849	0.000
J-198	JUNCTION	50.72	6.639	0.000
J-199	JUNCTION	54.07	6.522	0.000
J-203	JUNCTION	54.61	6.483	0.000
J-204	JUNCTION	52.77	6.491	0.000
J-206	JUNCTION	57.09	6.346	0.000
J-208	JUNCTION	54.26	6.010	0.000
J-209	JUNCTION	50.33	6.010	0.000
J-212	JUNCTION	56.76	6.295	0.000
J-213	JUNCTION	27.92	4.484	0.000
J-217	JUNCTION	53.54	6.238	0.000
J-218	JUNCTION	62.28	6.217	0.000
J-222	JUNCTION	40.50	5.015	0.000
J-223	JUNCTION	27.80	4.414	0.000
J-225	JUNCTION	56.44	6.135	0.000
J-226	JUNCTION	55.08	6.128	0.000
J-232	JUNCTION	58.75	6.089	0.000
J-233	JUNCTION	58.08	5.646	0.000
J-235	JUNCTION	59.32	5.643	0.000
J-238	JUNCTION	52.04	5.144	0.000

J-24	JUNCTION	67.69	5.884	0.000
J-242	JUNCTION	41.96	5.145	0.000
J-244	JUNCTION	47.23	5.936	0.000
J-247	JUNCTION	55.21	5.933	0.000
J-248	JUNCTION	45.47	5.073	0.000
J-249	JUNCTION	48.10	5.073	0.000
J-25	JUNCTION	20.24	3.078	0.000
J-253	JUNCTION	62.53	5.141	0.000
J-254	JUNCTION	63.41	5.088	0.000
J-256	JUNCTION	63.48	5.049	0.000
J-262	JUNCTION	19.03	2.261	0.000
J-266	JUNCTION	46.27	5.247	0.000
J-267	JUNCTION	48.70	5.322	0.000
J-269	JUNCTION	64.13	6.228	0.000
J-27	JUNCTION	20.24	3.118	0.000
J-271	JUNCTION	77.98	4.968	0.000
J-275	JUNCTION	49.03	4.763	0.000
J-280	JUNCTION	59.33	4.357	0.000
J-281	JUNCTION	56.48	4.995	0.000
J-282	JUNCTION	57.89	5.216	0.000
J-283	JUNCTION	60.73	5.374	0.000
J-285	JUNCTION	51.47	4.763	0.000
J-286	JUNCTION	39.28	4.779	0.000
J-288	JUNCTION	30.43	2.651	0.000
J-290	JUNCTION	23.58	3.543	0.000
J-293	JUNCTION	56.38	6.062	0.000
J-295	JUNCTION	52.08	6.017	0.000
J-296	JUNCTION	53.87	5.960	0.000
J-297	JUNCTION	43.72	5.246	0.000
J-30	JUNCTION	65.79	5.943	0.000
J-300	JUNCTION	44.60	5.237	0.000
J-301	JUNCTION	47.41	5.222	0.000
J-304	JUNCTION	30.12	5.238	0.000
J-305	JUNCTION	30.90	5.238	0.000
J-31	JUNCTION	20.17	3.162	0.000
J-310	JUNCTION	30.18	5.232	0.000
J-312	JUNCTION	31.04	5.223	0.000
J-314	JUNCTION	20.57	2.861	0.000
J-317	JUNCTION	34.43	5.873	0.000
J-321	JUNCTION	21.00	3.121	0.000
J-323	JUNCTION	34.25	5.922	0.000
J-324	JUNCTION	21.10	3.169	0.000
J-327	JUNCTION	67.65	5.880	0.000
J-328	JUNCTION	20.36	3.098	0.000
J-33	JUNCTION	69.04	5.894	0.000
J-333	JUNCTION	53.87	6.297	0.000
J-334	JUNCTION	58.66	6.250	0.000
J-335	JUNCTION	58.07	6.152	0.000
J-341	JUNCTION	22.73	4.190	0.000
J-342	JUNCTION	21.43	4.673	0.000
J-343	JUNCTION	73.19	6.715	0.000
J-348	JUNCTION	53.38	6.113	0.000
J-351	JUNCTION	21.78	4.229	0.000
J-354	JUNCTION	60.49	3.241	0.000
J-354A	JUNCTION	60.48	3.255	0.000
J-355	JUNCTION	60.50	3.370	0.000
J-36	JUNCTION	68.33	5.906	0.000
J-362	JUNCTION	21.07	4.673	0.000
J-363	JUNCTION	42.94	6.234	0.000
J-364	JUNCTION	28.79	5.829	0.000
J-367	JUNCTION	65.18	6.303	0.000
J-368	JUNCTION	39.09	5.911	0.000
J-369	JUNCTION	38.95	5.904	0.000
J-374	JUNCTION	29.71	5.827	0.000
J-375	JUNCTION	28.62	5.474	0.000
J-380	JUNCTION	20.06	3.425	0.000
J-381	JUNCTION	31.40	5.844	0.000
J-384	JUNCTION	30.78	5.471	0.000
J-385	JUNCTION	31.44	5.563	0.000
J-388	JUNCTION	70.93	6.477	0.000
J-389	JUNCTION	44.07	5.978	0.000
J-393	JUNCTION	59.39	6.390	0.000
J-396	JUNCTION	56.68	6.887	0.000
J-399	JUNCTION	54.97	6.385	0.000
J-40	JUNCTION	21.90	3.205	0.000
J-402	JUNCTION	19.70	4.157	0.000
J-405	JUNCTION	50.64	6.132	0.000
J-407	JUNCTION	51.31	6.110	0.000
J-409	JUNCTION	54.37	6.087	0.000
J-410	JUNCTION	70.79	6.582	0.000

J-412	JUNCTION	55.47	6.073	0.000
J-414	JUNCTION	59.56	6.251	0.000
J-415	JUNCTION	19.54	3.802	0.000
J-416	JUNCTION	60.26	6.236	0.000
J-417	JUNCTION	22.22	5.065	0.000
J-42	JUNCTION	21.77	3.247	0.000
J-421	JUNCTION	21.92	5.066	0.000
J-422	JUNCTION	19.72	3.328	0.000
J-423	JUNCTION	18.05	2.920	0.000
J-424	JUNCTION	57.86	5.792	0.000
J-427	JUNCTION	62.45	5.894	0.000
J-430	JUNCTION	18.41	3.310	0.000
J-431	JUNCTION	33.82	3.311	0.000
J-432	JUNCTION	69.70	6.049	0.000
J-433	JUNCTION	62.06	5.677	0.000
J-434	JUNCTION	64.30	5.704	0.000
J-435	JUNCTION	19.06	2.246	0.000
J-436	JUNCTION	21.90	2.679	0.000
J-437	JUNCTION	76.05	5.688	0.000
J-438	JUNCTION	60.31	6.017	0.000
J-439	JUNCTION	72.17	5.893	0.000
J-440	JUNCTION	13.93	1.051	0.000
J-441	JUNCTION	13.92	1.245	0.672
J-445	JUNCTION	27.51	4.445	0.000
J-448	JUNCTION	51.11	2.880	0.000
J-450	JUNCTION	73.15	5.984	0.000
J-454	JUNCTION	51.27	2.881	0.000
J-455	JUNCTION	38.04	1.793	0.000
J-459	JUNCTION	53.55	3.104	0.000
J-460-NEW	JUNCTION	42.97	2.105	0.000
J-463	JUNCTION	40.34	1.779	0.000
J-466	JUNCTION	49.55	4.586	0.000
J-468	JUNCTION	30.08	1.403	0.000
J-47	JUNCTION	64.34	4.551	0.000
J-470	JUNCTION	26.40	1.921	0.000
J-471	JUNCTION	36.26	3.348	0.000
J-478	JUNCTION	33.43	3.078	0.000
J-479	JUNCTION	40.07	3.113	0.000
J-480	JUNCTION	35.18	3.526	0.000
J-481	JUNCTION	39.95	4.061	0.000
J-482	JUNCTION	34.78	3.813	0.000
J-484	JUNCTION	45.78	4.435	0.000
J-485	JUNCTION	71.05	5.394	0.000
J-486	JUNCTION	61.90	5.052	0.000
J-487	JUNCTION	44.39	4.412	0.000
J-489	JUNCTION	35.46	3.949	0.000
J-491	JUNCTION	51.12	4.421	0.000
J-492	JUNCTION	60.92	4.974	0.000
J-493	JUNCTION	69.99	5.210	0.000
J-495	JUNCTION	67.17	5.143	0.000
J-497	JUNCTION	62.57	5.626	0.000
J-498	JUNCTION	19.03	3.258	0.000
J-499	JUNCTION	33.03	4.858	0.000
J-5	JUNCTION	23.14	4.154	0.000
J-50	JUNCTION	59.82	5.179	0.000
J-500	JUNCTION	32.97	4.858	0.000
J-505	JUNCTION	32.91	4.858	0.000
J-508	JUNCTION	32.98	4.857	0.000
J-51	JUNCTION	54.82	3.815	0.000
J-512	JUNCTION	32.76	4.855	0.000
J-518	JUNCTION	32.34	4.853	0.000
J-53	JUNCTION	56.65	7.326	0.000
J-534	JUNCTION	71.53	5.633	0.000
J-537	JUNCTION	46.22	1.691	0.000
J-539	JUNCTION	48.42	1.766	0.000
J-539-WEIR	JUNCTION	24.19	0.725	0.000
J-539A	JUNCTION	23.28	5.078	1.982
J-54	JUNCTION	22.84	4.412	0.000
J-541	JUNCTION	42.99	1.829	0.000
J-544	JUNCTION	57.02	5.172	0.000
J-548	JUNCTION	5.92	1.478	0.000
J-550	JUNCTION	21.40	2.533	0.000
J-553	JUNCTION	74.00	4.733	0.000
J-554	JUNCTION	54.94	4.479	0.000
J-555	JUNCTION	54.37	4.491	0.000
J-557	JUNCTION	0.03	3.370	0.000
J-558	JUNCTION	0.02	3.390	0.000
J-559	JUNCTION	50.06	3.442	0.000
J-560	JUNCTION	50.11	3.358	0.000
J-561	JUNCTION	77.99	5.623	0.000

J-563	JUNCTION	19.77	2.650	0.000
J-565	JUNCTION	68.49	5.749	0.000
J-566	JUNCTION	11.33	0.163	0.000
J-567	JUNCTION	18.16	6.070	0.000
J-568	JUNCTION	18.29	5.086	0.000
J-569	JUNCTION	18.33	5.281	0.000
J-570	JUNCTION	15.91	0.491	0.000
J-571	JUNCTION	58.60	2.120	0.000
J-575	JUNCTION	77.99	5.612	0.000
J-576	JUNCTION	70.99	5.502	0.000
J-577	JUNCTION	19.40	2.400	0.000
J-578	JUNCTION	67.10	5.502	0.000
J-58	JUNCTION	22.82	4.405	0.000
J-581	JUNCTION	71.42	6.903	0.000
J-585	JUNCTION	40.45	3.508	0.000
J-588	JUNCTION	66.28	6.402	0.000
J-59	JUNCTION	22.78	4.369	0.000
J-591	JUNCTION	68.26	4.970	0.000
J-596	JUNCTION	71.54	7.183	0.000
J-598	JUNCTION	13.50	2.887	0.000
J-6	JUNCTION	65.60	5.449	0.000
J-60	JUNCTION	55.25	7.140	0.000
J-601	JUNCTION	60.48	4.757	0.000
J-602	JUNCTION	59.93	4.648	0.000
J-603	JUNCTION	13.05	2.802	0.000
J-604	JUNCTION	46.61	2.506	0.000
J-606	JUNCTION	69.25	4.827	0.000
J-607	JUNCTION	69.94	4.904	0.000
J-609	JUNCTION	62.48	4.618	0.000
J-61	JUNCTION	22.84	4.398	0.000
J-613	JUNCTION	63.75	5.492	0.000
J-615	JUNCTION	62.41	5.400	0.000
J-618	JUNCTION	57.42	6.048	0.000
J-623	JUNCTION	52.62	5.637	0.000
J-624	JUNCTION	21.61	3.237	0.000
J-626	JUNCTION	49.53	5.609	0.000
J-629	JUNCTION	63.42	6.012	0.000
J-63	JUNCTION	60.87	6.383	0.000
J-632	JUNCTION	55.21	6.012	0.000
J-633	JUNCTION	50.10	5.584	0.000
J-637	JUNCTION	44.58	5.584	0.000
J-64	JUNCTION	59.70	6.381	0.000
J-640	JUNCTION	50.13	5.998	0.000
J-647	JUNCTION	20.31	3.198	0.000
J-650	JUNCTION	32.20	5.013	0.000
J-653	JUNCTION	21.56	3.077	0.000
J-654	JUNCTION	21.72	3.046	0.000
J-657	JUNCTION	33.11	5.032	0.000
J-659	JUNCTION	31.45	5.016	0.000
J-663	JUNCTION	53.80	5.957	0.000
J-665	JUNCTION	53.55	5.884	0.000
J-666	JUNCTION	63.41	5.733	0.000
J-67	JUNCTION	63.34	6.238	0.000
J-670	JUNCTION	60.02	5.732	0.000
J-672	JUNCTION	77.99	6.162	0.198
J-673	JUNCTION	21.77	2.645	0.000
J-678	JUNCTION	60.91	5.727	0.000
J-67A	JUNCTION	61.23	6.237	0.000
J-682	JUNCTION	10.27	5.270	0.000
J-684	JUNCTION	10.24	5.170	0.000
J-686	JUNCTION	10.20	5.008	0.000
J-687	JUNCTION	10.08	4.456	0.000
J-691	JUNCTION	10.08	4.293	0.000
J-693	JUNCTION	77.99	3.990	1.370
J-697	JUNCTION	64.02	6.364	0.000
J-7	JUNCTION	66.54	5.656	0.000
J-700	JUNCTION	55.68	5.650	0.000
J-701	JUNCTION	77.65	5.602	0.000
J-702	JUNCTION	77.98	5.610	0.000
J-705	JUNCTION	72.96	5.853	0.000
J-707	JUNCTION	64.09	5.554	0.000
J-710	JUNCTION	53.90	5.656	0.000
J-712	JUNCTION	5.17	3.493	0.000
J-714	JUNCTION	5.15	3.448	0.000
J-719	JUNCTION	6.00	3.671	0.000
J-72	JUNCTION	66.51	6.376	0.000
J-721	JUNCTION	5.38	3.678	0.000
J-725	JUNCTION	2.69	3.621	0.000
J-728	JUNCTION	2.65	3.660	0.000
J-73	JUNCTION	64.84	6.397	0.000

J-734	JUNCTION	5.66	3.644	0.000
J-735	JUNCTION	7.26	7.036	0.000
J-736	JUNCTION	51.92	22.472	0.000
J-74	JUNCTION	61.73	6.385	0.000
J-740	JUNCTION	51.60	7.174	0.000
J-741	JUNCTION	43.59	6.104	0.000
J-744	JUNCTION	45.64	6.104	0.000
J-745	JUNCTION	22.52	4.308	0.000
J-748	JUNCTION	32.90	3.376	0.000
J-748-WEIR-STANTEC	JUNCTION	32.57	3.374	0.000
J-749	JUNCTION	72.97	5.980	0.000
J-750	JUNCTION	44.87	4.215	0.000
J-751	JUNCTION	73.33	6.017	0.000
J-752	JUNCTION	33.37	2.892	0.000
J-753	JUNCTION	76.85	7.103	0.000
J-754	JUNCTION	32.84	3.214	0.000
J-754-WEIR-STANTEC	JUNCTION	33.94	2.891	0.000
J-755	JUNCTION	59.23	5.062	0.000
J-760	JUNCTION	29.00	5.248	0.000
J-761	JUNCTION	18.97	2.445	0.000
J-763	JUNCTION	76.34	4.928	0.000
J-764	JUNCTION	70.37	6.530	0.000
J-766	JUNCTION	5.17	3.602	0.000
J-768	JUNCTION	5.34	4.230	0.000
J-769	JUNCTION	9.23	4.268	0.000
J-77	JUNCTION	21.31	3.719	0.000
J-771	JUNCTION	8.45	3.959	0.000
J-772	JUNCTION	12.27	3.906	0.000
J-774	JUNCTION	12.17	3.895	0.000
J-776	JUNCTION	9.34	3.890	0.000
J-778	JUNCTION	8.48	3.852	0.000
J-77A	JUNCTION	20.75	8.675	0.885
J-780	JUNCTION	8.94	3.861	0.000
J-782	JUNCTION	4.39	3.853	0.000
J-784	JUNCTION	4.08	3.995	0.000
J-786	JUNCTION	3.72	3.939	0.000
J-788	JUNCTION	3.77	3.877	0.000
J-790	JUNCTION	4.11	3.864	0.000
J-792	JUNCTION	4.06	3.674	0.000
J-793	JUNCTION	4.02	3.682	0.000
J-795	JUNCTION	4.04	3.857	0.000
J-799	JUNCTION	15.57	3.542	0.000
J-799-WEIR-EAC	JUNCTION	34.49	3.948	0.000
J-80	JUNCTION	64.76	6.514	0.000
J-800	JUNCTION	16.73	4.237	0.000
J-802	JUNCTION	22.34	5.039	0.000
J-806	JUNCTION	18.14	4.499	0.000
J-809	JUNCTION	18.08	4.487	0.000
J-810	JUNCTION	17.97	4.489	0.000
J-813	JUNCTION	21.71	4.923	0.000
J-816	JUNCTION	20.98	4.950	0.000
J-819	JUNCTION	19.83	4.959	0.000
J-82	JUNCTION	73.22	6.724	0.000
J-822	JUNCTION	23.07	5.379	0.000
J-826	JUNCTION	25.17	5.480	0.000
J-829	JUNCTION	19.34	5.072	0.000
J-83	JUNCTION	21.75	4.322	0.000
J-831	JUNCTION	20.58	5.068	0.000
J-836	JUNCTION	21.36	5.058	0.000
J-838	JUNCTION	20.66	4.878	0.000
J-83A	JUNCTION	21.84	10.060	0.000
J-84	JUNCTION	70.22	6.622	0.000
J-841	JUNCTION	15.56	4.320	0.000
J-844	JUNCTION	16.21	4.258	0.000
J-848	JUNCTION	16.72	4.449	0.000
J-850	JUNCTION	14.57	4.203	0.000
J-851	JUNCTION	15.09	3.897	0.000
J-863	JUNCTION	0.24	0.229	3.861
J-865	JUNCTION	0.60	0.914	3.626
J-868	JUNCTION	0.67	1.087	3.353
J-87	JUNCTION	67.19	6.311	0.000
J-870	JUNCTION	1.84	2.172	2.818
J-879	JUNCTION	71.15	5.810	0.000
J-88	JUNCTION	68.07	6.267	0.000
J-880	JUNCTION	50.73	3.230	0.000
J-881	JUNCTION	49.68	5.831	0.000
J-882	JUNCTION	58.39	3.677	0.000
J-883	JUNCTION	63.51	3.698	0.000
J-884	JUNCTION	5.54	0.206	0.000
J-888	JUNCTION	54.74	5.647	0.000

J-889	JUNCTION	53.50	5.648	0.000
J-891	JUNCTION	55.88	5.648	0.000
J-892	JUNCTION	54.35	5.648	0.000
J-894	JUNCTION	54.55	5.646	0.000
J-896	JUNCTION	53.55	5.642	0.000
J-899	JUNCTION	21.89	3.245	0.000
J-903	JUNCTION	71.90	5.233	0.000
J-910	JUNCTION	77.99	6.560	0.000
J-912	JUNCTION	77.99	6.360	0.000
J-917	JUNCTION	55.05	7.102	0.000
J-918	JUNCTION	57.89	4.141	0.000
J-920	JUNCTION	78.00	5.605	0.000
J-934	JUNCTION	21.80	3.243	0.000
J-951	JUNCTION	15.33	5.585	0.000
J-953	JUNCTION	17.46	5.028	0.000
J-954	JUNCTION	31.32	3.661	0.000
J-958	JUNCTION	52.33	2.981	0.000
J-96	JUNCTION	50.00	5.350	0.000
J-963	JUNCTION	31.82	4.715	0.000
J-99	JUNCTION	69.61	6.155	0.000
JCT-24	JUNCTION	6.21	0.500	0.000
JCT-26	JUNCTION	21.61	1.250	0.000
JCT-26-WEIR	JUNCTION	21.60	1.248	0.000
JCT-30	JUNCTION	21.72	2.652	0.000
JCT-36	JUNCTION	0.02	0.009	2.591
JCT-46	JUNCTION	76.74	4.720	0.000
JCT-64	JUNCTION	47.24	5.148	0.000

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate CFS	Time of Max Occurrence days hr:min	Total Flood Volume 10^6 gal	Maximum Ponded Depth Feet
J-102	19.35	4.19	0 23:12	0.056	1.776
J-104	25.30	12.28	2 12:05	0.317	1.575
J-106	21.07	5.50	2 10:41	0.082	2.006
J-109	18.32	4.19	2 11:47	0.040	1.487
J-11	14.80	12.03	3 01:29	0.168	0.153
J-110	19.13	8.14	2 12:03	0.167	1.417
J-113	20.77	9.48	3 05:29	0.226	1.152
J-114	16.14	13.64	3 02:29	0.125	0.422
J-118	16.04	13.64	3 05:21	0.103	0.411
J-12	14.60	12.67	3 03:47	0.185	0.154
J-121	14.93	5.25	2 12:24	0.034	0.556
J-126	18.19	9.08	2 12:14	0.369	1.174
J-127	18.07	1.17	2 12:09	0.023	1.206
J-128	17.97	1.14	2 12:08	0.022	1.144
J-129	16.71	7.78	3 03:45	0.227	0.470
J-130	16.66	5.36	3 01:23	0.110	0.417
J-131	6.28	4.10	2 17:09	0.046	0.008
J-132	20.69	5.59	2 12:14	0.143	0.776
J-137	24.03	2.85	3 05:06	0.089	0.904
J-139	16.67	2.47	1 00:12	0.020	0.427
J-140	19.81	3.24	1 12:50	0.040	0.680
J-147	20.99	7.03	2 12:15	0.227	0.954
J-148	20.14	4.95	2 09:20	0.043	0.997
J-149	23.68	3.74	2 01:37	0.089	1.537
J-15	18.25	16.89	2 11:51	0.087	0.840
J-152	20.78	4.93	2 12:15	0.185	0.993
J-153	21.28	3.77	2 07:20	0.047	0.923
J-155	22.25	3.01	2 08:57	0.057	1.026
J-156	22.95	3.17	1 11:03	0.070	1.255
J-158	18.93	20.84	2 11:43	0.254	1.216
J-160	18.96	7.48	2 10:37	0.049	1.117
J-161	6.93	4.25	2 09:00	0.063	0.038
J-162	0.92	5.24	2 20:43	0.015	0.002
J-163	8.26	6.14	0 15:54	0.133	0.397
J-164	6.76	4.65	1 11:49	0.075	0.005
J-165	7.41	3.79	1 05:53	0.076	0.001
J-166	5.15	5.30	1 17:56	0.061	0.000
J-167	6.18	6.73	0 09:08	0.089	0.005
J-168	10.34	4.87	1 09:26	0.111	0.004
J-169	15.41	5.86	1 21:32	0.161	0.026

J-170	20.42	3.05	1	10:50	0.168	0.023
J-174	21.13	3.96	2	10:49	0.073	1.817
J-175	23.32	2.12	2	10:00	0.058	1.567
J-176	19.90	4.64	1	22:35	0.056	1.098
J-179	20.69	6.96	1	07:22	0.100	1.470
J-18	18.11	19.80	2	11:54	0.113	0.809
J-180	18.24	17.75	2	11:14	0.341	1.452
J-185	18.33	19.30	2	09:41	0.272	1.398
J-188	19.96	22.83	2	10:08	0.268	2.021
J-191	19.68	19.85	2	10:16	0.353	1.368
J-195	20.67	21.51	2	10:16	0.371	2.089
J-198	29.76	6.40	2	12:11	0.239	2.139
J-199	26.35	4.77	1	06:22	0.112	1.972
J-203	24.48	6.42	2	12:15	0.331	1.983
J-204	25.84	4.66	1	21:55	0.127	2.041
J-206	25.84	4.19	1	20:45	0.114	1.796
J-208	24.64	4.52	2	08:07	0.130	1.760
J-209	26.98	3.88	1	20:43	0.135	1.660
J-212	24.13	3.27	2	07:36	0.092	1.445
J-213	20.52	13.75	2	09:20	0.287	1.734
J-217	32.43	7.04	2	12:15	0.434	2.468
J-218	23.60	9.50	2	07:22	0.139	2.027
J-222	24.49	17.91	2	10:20	0.274	2.685
J-223	18.86	31.15	2	10:23	0.409	1.614
J-225	23.21	2.48	1	11:01	0.062	1.285
J-226	23.53	2.61	2	08:50	0.073	1.278
J-232	23.15	2.46	2	11:09	0.064	1.189
J-233	19.43	4.23	2	12:16	0.148	1.046
J-235	19.55	3.93	1	09:52	0.041	1.083
J-238	23.04	12.44	2	02:33	0.141	1.044
J-24	18.61	3.66	2	09:31	0.028	1.084
J-242	27.42	9.61	2	00:10	0.186	1.245
J-244	30.63	4.75	2	03:43	0.144	1.236
J-247	28.29	4.47	1	10:12	0.163	1.273
J-248	25.08	13.91	1	04:44	0.213	1.273
J-249	23.32	12.40	1	09:11	0.362	1.223
J-25	18.19	13.55	2	11:51	0.213	1.038
J-253	50.06	4.75	2	12:06	0.366	0.491
J-254	49.57	4.22	0	20:36	0.365	0.388
J-256	33.38	5.45	2	12:15	0.303	0.249
J-262	0.06	2.15	1	20:16	0.001	0.001
J-266	31.13	7.70	1	11:40	0.299	0.597
J-267	28.66	6.30	1	14:27	0.252	0.572
J-268-WEIR	6.97	10.22	2	04:03	0.059	0.602
J-269	20.80	6.41	2	04:58	0.086	0.928
J-27	18.14	10.46	2	11:51	0.128	1.168
J-271	0.00	8.69	0	00:00	0.000	0.008
J-275	22.51	35.03	1	08:10	0.367	0.663
J-280	9.99	3.50	1	18:17	0.103	0.007
J-281	32.01	3.80	2	10:07	0.176	0.595
J-282	24.09	3.68	3	04:00	0.130	0.516
J-283	22.81	7.02	1	23:22	0.105	0.674
J-285	27.53	29.27	1	08:11	0.859	0.863
J-286	24.76	25.43	1	23:06	0.363	0.929
J-288	23.02	19.89	3	05:55	0.414	0.991
J-290	18.16	10.44	3	02:41	0.241	1.143
J-293	19.59	4.78	3	04:31	0.096	0.862
J-295	17.79	6.42	3	03:37	0.092	0.717
J-296	21.96	5.20	1	10:39	0.137	0.960
J-297	23.76	22.04	1	15:52	0.226	0.996
J-30	18.81	2.41	2	11:42	0.040	1.193
J-300	22.76	17.92	0	21:22	0.258	0.987
J-301	24.20	14.15	2	05:34	0.239	0.972
J-304	20.30	12.55	2	07:30	0.081	0.988
J-305	19.63	18.99	2	07:29	0.106	0.938
J-31	18.12	10.84	2	11:51	0.249	1.312
J-310	18.46	8.23	2	05:34	0.069	0.782
J-312	17.92	9.18	2	07:30	0.032	0.763
J-314	17.50	23.61	3	04:58	0.156	0.811
J-317	20.18	3.97	2	12:15	0.098	0.973
J-321	18.51	17.29	2	11:38	0.116	0.971
J-323	20.56	3.30	2	11:22	0.049	1.172
J-324	18.60	15.78	2	11:43	0.127	1.069
J-327	18.66	3.56	2	11:51	0.030	1.130
J-328	18.22	8.97	2	11:52	0.405	1.198
J-33	16.86	4.22	3	05:10	0.023	0.534
J-333	25.58	2.80	2	09:40	0.101	1.697
J-334	22.50	3.28	2	07:55	0.071	1.560
J-335	22.72	3.46	2	08:54	0.064	1.232
J-341	19.45	21.34	2	10:17	0.336	1.140

J-342	19.81	11.03	2	12:15	0.350	1.433
J-343	19.33	4.89	2	11:08	0.039	1.265
J-348	23.83	2.76	1	20:57	0.084	1.363
J-351	18.95	15.51	2	11:23	0.177	1.109
J-354	19.38	10.04	2	11:52	0.265	1.121
J-354A	18.67	16.08	2	11:35	0.543	1.135
J-355	18.58	16.77	2	08:05	0.350	1.200
J-359	18.32	4.62	2	11:40	0.116	1.279
J-36	17.92	2.50	3	05:11	0.038	1.186
J-362	18.51	4.34	2	09:46	0.034	0.533
J-363	18.41	4.83	2	04:42	0.157	0.534
J-364	18.11	5.22	1	23:09	0.033	0.479
J-367	20.09	5.38	1	20:41	0.047	1.103
J-368	19.68	6.72	2	12:09	0.183	1.111
J-369	19.49	4.69	1	19:45	0.054	0.754
J-374	18.08	4.93	1	20:07	0.031	0.527
J-375	18.84	6.66	3	04:37	0.053	0.724
J-380	16.63	20.71	3	04:29	0.112	0.525
J-381	17.89	5.15	3	05:01	0.032	0.544
J-384	18.63	9.07	0	17:18	0.118	0.671
J-385	0.70	10.73	0	17:18	0.013	0.003
J-388	17.84	7.80	3	05:45	0.106	0.677
J-389	17.75	6.74	2	04:45	0.065	0.578
J-393	20.23	5.72	2	10:27	0.077	0.590
J-396	23.59	3.62	2	12:15	0.125	0.637
J-399	11.66	3.10	2	11:35	0.043	0.185
J-40	17.75	27.10	2	11:44	0.129	0.985
J-402	16.52	17.50	3	04:10	0.073	1.517
J-405	17.79	3.53	3	05:17	0.041	0.982
J-407	18.04	3.32	2	09:25	0.043	1.140
J-409	17.29	5.72	3	04:22	0.056	1.157
J-410	16.43	8.55	3	03:20	0.071	0.832
J-412	16.59	4.63	2	10:41	0.047	0.913
J-414	17.82	6.23	2	11:46	0.075	1.711
J-415	16.55	24.88	3	04:17	0.162	1.242
J-416	16.67	8.14	3	03:22	0.045	0.986
J-417	15.63	13.57	3	03:44	0.078	0.395
J-42	21.50	20.22	2	08:32	0.260	2.573
J-421	18.07	10.61	2	04:27	0.127	0.866
J-422	15.63	24.12	3	04:50	0.045	0.578
J-423	1.91	30.65	3	01:10	0.124	0.020
J-424	17.29	2.92	3	03:03	0.052	0.642
J-427	17.54	2.99	2	02:20	0.050	0.694
J-430	14.41	17.30	3	04:18	0.208	0.610
J-431	15.06	28.21	0	09:47	0.294	0.522
J-432	19.49	20.83	0	08:59	0.234	0.751
J-433	27.51	6.74	0	21:11	0.253	0.712
J-434	22.99	6.15	0	09:17	0.159	0.568
J-435	15.88	5.63	2	12:31	0.058	0.369
J-436	17.75	6.21	2	09:22	0.086	0.839
J-437	24.58	10.67	2	11:59	0.353	1.237
J-438	37.20	6.20	2	12:15	0.476	0.811
J-439	27.90	6.16	1	15:11	0.209	0.636
J-440	1.50	3.49	2	21:51	0.007	0.024
J-444	19.46	18.41	2	23:45	1.131	3.218
J-445	12.89	20.76	2	23:44	0.202	0.218
J-448	18.63	16.09	0	21:16	0.157	0.320
J-450	14.21	13.51	3	01:27	0.124	0.324
J-454	18.16	14.30	0	21:16	0.136	0.321
J-455	36.33	14.38	0	08:37	0.353	1.543
J-459	42.27	32.28	2	05:52	2.077	1.544
J-460-NEW	41.56	28.67	0	23:03	1.711	1.575
J-463	39.59	28.78	0	10:54	1.663	1.579
J-466	10.08	81.22	1	18:42	1.639	0.473
J-468	25.04	15.27	0	06:43	0.644	0.649
J-47	33.30	13.62	2	13:35	1.194	0.174
J-470	21.03	49.81	1	19:22	0.736	0.481
J-471	19.80	70.70	1	09:43	2.525	0.477
J-478	28.38	73.12	2	10:37	1.910	1.037
J-479	35.32	78.17	0	21:50	3.211	1.277
J-480	27.14	46.74	1	19:46	1.019	0.726
J-481	31.88	33.57	1	05:48	1.784	0.751
J-482	25.86	26.01	0	22:31	1.623	0.643
J-484	24.42	21.62	3	02:53	0.619	0.835
J-485	24.48	8.92	0	08:38	0.497	0.827
J-486	28.60	40.15	2	14:34	1.453	1.353
J-487	27.12	16.10	0	15:29	1.029	0.692
J-489	25.51	16.01	1	19:37	0.529	0.749
J-491	28.85	14.62	0	06:56	0.340	1.071
J-492	27.71	7.31	1	15:30	0.247	0.595

J-493	24.14	14.75	1	20:07	0.371	0.706
J-495	17.10	14.14	1	20:12	0.214	0.240
J-497	39.34	9.00	0	08:57	0.622	1.637
J-498	18.51	16.68	2	11:55	0.278	0.987
J-499	18.15	6.84	2	06:45	0.025	0.698
J-5	18.84	22.88	2	12:15	0.698	1.294
J-50	20.11	9.75	2	15:53	0.507	0.029
J-500	18.77	8.27	2	11:17	0.042	1.102
J-505	19.22	7.82	2	09:46	0.057	1.588
J-508	18.18	8.22	2	11:32	0.260	0.697
J-51	20.82	29.59	2	16:47	1.312	0.365
J-512	19.92	6.11	2	11:32	0.106	1.404
J-518	19.87	6.57	2	11:40	0.105	1.237
J-53	18.75	1.86	2	10:56	0.049	2.047
J-534	33.40	4.73	2	12:15	0.199	1.073
J-537	19.85	8.33	2	04:10	0.155	0.611
J-539	48.07	71.19	0	08:42	5.429	1.544
J-539-WEIR	20.90	69.95	0	07:08	1.387	0.665
J-54	20.48	18.15	2	12:15	0.921	2.502
J-541	39.26	5.63	2	05:43	0.555	1.089
J-544	34.65	7.55	1	20:03	0.573	0.986
J-548	3.61	32.12	2	17:20	0.280	0.298
J-550	6.76	24.10	2	11:39	0.360	0.033
J-553	10.41	11.49	2	09:15	0.396	0.033
J-554	3.03	15.87	2	00:55	0.137	0.009
J-555	4.69	16.18	0	18:13	0.183	0.001
J-557	0.00	6.32	2	10:04	0.000	0.000
J-558	0.00	6.58	2	10:03	0.000	0.000
J-559	6.01	18.04	0	14:16	0.186	0.002
J-560	9.31	9.66	0	12:07	0.318	0.018
J-561	0.00	53.44	0	00:00	0.001	0.023
J-563	17.45	28.76	3	05:43	0.153	0.600
J-565	17.04	10.01	2	10:36	0.121	0.399
J-566	8.59	77.59	3	05:44	0.534	0.053
J-567	1.63	8.48	2	13:08	0.024	0.010
J-568	10.82	11.67	2	13:09	0.100	0.026
J-569	15.36	6.00	2	12:13	0.121	0.054
J-570	15.56	17.40	3	05:42	0.387	0.491
J-571	12.10	39.16	2	23:32	0.298	0.090
J-575	0.00	34.88	0	00:00	0.000	0.012
J-576	0.91	3.50	1	21:43	0.015	0.002
J-577	0.02	2.02	2	08:38	0.000	0.000
J-578	4.93	4.22	1	19:23	0.071	0.002
J-58	20.28	21.10	2	10:13	0.292	2.744
J-581	8.88	3.29	1	07:35	0.087	0.003
J-585	6.37	21.44	2	08:27	0.237	0.558
J-588	16.80	4.60	2	16:53	0.279	0.272
J-59	20.12	39.86	2	10:13	0.451	2.541
J-591	1.47	31.33	2	09:12	0.031	0.070
J-596	2.86	2.02	0	19:45	0.015	0.422
J-598	3.98	12.95	2	12:14	0.190	0.587
J-6	10.41	12.27	3	05:19	0.067	0.095
J-60	20.94	6.36	2	10:04	0.097	2.582
J-601	11.05	4.16	2	06:12	0.144	0.157
J-602	11.16	5.49	1	10:15	0.161	0.198
J-603	0.64	5.51	2	08:39	0.018	0.002
J-604	2.07	3.87	1	21:02	0.023	0.006
J-606	7.23	5.18	0	09:49	0.121	0.127
J-607	5.60	4.61	1	19:52	0.089	0.004
J-609	6.51	6.34	0	18:28	0.100	0.018
J-61	20.55	13.36	2	10:01	0.194	2.515
J-613	12.80	3.87	0	20:34	0.119	0.392
J-615	13.49	3.74	2	16:24	0.125	0.300
J-618	24.23	2.87	2	09:17	0.073	1.448
J-623	19.17	12.10	2	11:14	0.053	1.137
J-624	18.10	17.72	2	11:04	0.303	0.837
J-626	19.28	5.39	1	23:52	0.039	1.049
J-629	19.79	6.28	2	12:15	0.195	1.012
J-63	19.17	5.90	2	12:15	0.150	1.023
J-632	23.65	2.85	2	08:15	0.077	1.112
J-633	19.98	9.60	2	08:52	0.186	1.234
J-637	21.35	6.71	1	18:29	0.110	1.484
J-64	19.47	4.04	1	20:54	0.037	1.021
J-640	24.72	4.72	2	09:26	0.165	1.428
J-647	17.08	5.02	2	11:08	0.091	0.638
J-650	19.71	7.84	1	23:43	0.060	0.953
J-653	18.91	9.18	2	11:47	0.155	0.877
J-654	18.19	20.72	2	11:08	0.083	0.846
J-657	19.33	6.38	2	11:29	0.062	0.662
J-659	19.76	7.93	2	09:17	0.104	0.916

J-663	24.51	10.29	2	12:15	0.455	0.857
J-665	24.41	9.86	0	19:25	0.332	0.884
J-666	20.34	11.54	2	08:32	0.107	0.683
J-67	20.07	3.96	2	07:40	0.073	0.938
J-670	22.67	11.82	2	09:38	0.170	0.932
J-673	18.16	20.61	2	11:08	0.360	1.045
J-678	23.05	8.55	0	21:43	0.252	1.027
J-67A	20.24	3.93	2	10:45	0.048	0.937
J-682	10.04	5.69	2	12:15	0.099	0.870
J-684	6.53	2.50	2	20:27	0.023	0.100
J-686	5.42	2.42	2	20:34	0.017	0.008
J-687	5.74	3.52	2	18:40	0.029	0.056
J-691	5.96	4.24	2	21:36	0.058	0.043
J-692	0.38	0.86	2	17:45	0.000	0.017
J-697	11.91	4.29	1	19:26	0.204	0.004
J-7	19.50	8.86	2	08:21	0.133	0.756
J-700	16.75	4.30	0	18:26	0.247	0.000
J-701	1.43	3.56	0	14:07	0.023	0.002
J-702	0.09	3.33	1	07:28	0.001	0.000
J-705	5.32	4.08	1	00:22	0.056	0.003
J-707	11.74	4.84	1	08:23	0.124	0.004
J-710	13.75	3.22	1	06:34	0.097	0.006
J-712	5.10	3.58	2	14:29	0.062	0.243
J-714	5.04	4.86	3	04:49	0.066	0.198
J-719	2.28	3.61	3	04:53	0.007	0.021
J-72	18.82	5.90	2	10:20	0.032	1.016
J-721	1.22	3.87	2	15:56	0.004	0.018
J-725	2.27	15.74	2	14:28	0.016	0.371
J-728	2.37	11.76	2	14:25	0.099	0.410
J-73	19.49	3.93	1	15:39	0.041	1.037
J-734	4.67	32.17	3	04:45	0.198	0.794
J-735	5.76	57.82	3	04:46	0.207	4.076
J-736	50.42	10.53	2	05:38	1.241	18.862
J-74	19.59	3.66	1	22:10	0.097	1.025
J-740	25.50	2.71	2	10:41	0.125	2.317
J-741	19.95	6.98	2	11:32	0.126	2.011
J-744	20.98	7.74	2	09:45	0.165	2.603
J-745	19.93	18.08	2	10:38	0.416	2.619
J-748	20.64	42.47	1	10:17	0.279	2.182
J-748-WEIR-STANTEC	19.70	32.21	2	06:36	0.141	2.180
J-749	29.99	7.49	1	20:51	0.320	2.124
J-750	20.37	26.61	2	08:19	0.442	1.200
J-751	29.01	13.31	1	10:05	0.427	2.075
J-752	25.50	56.83	2	07:34	0.777	2.130
J-753	29.29	7.89	1	19:13	0.189	2.146
J-754	28.79	22.31	2	00:27	1.708	2.273
J-754-WEIR-STANTEC	20.28	59.91	2	10:06	0.240	2.129
J-755	9.18	9.76	1	09:00	0.210	0.662
J-760	19.80	14.17	2	10:42	0.101	1.791
J-761	18.03	7.50	2	12:19	0.031	1.203
J-763	12.29	18.65	1	09:29	0.416	0.068
J-764	20.28	6.29	3	05:35	0.165	0.730
J-766	4.64	12.45	3	04:54	0.175	0.752
J-768	3.96	4.09	2	11:56	0.019	0.580
J-769	2.29	3.25	1	06:52	0.012	0.418
J-77	19.59	26.71	2	10:52	0.358	1.769
J-771	1.35	7.96	2	00:10	0.004	0.109
J-772	1.73	5.22	2	00:10	0.016	0.046
J-774	1.48	5.49	1	16:37	0.007	0.045
J-776	1.40	6.18	1	18:51	0.006	0.040
J-778	0.08	2.35	2	08:51	0.000	0.002
J-780	0.05	1.69	2	17:34	0.000	0.001
J-782	0.09	1.82	2	13:13	0.000	0.003
J-784	1.24	2.10	2	13:13	0.019	0.145
J-786	0.89	1.13	2	13:10	0.002	0.089
J-788	0.63	2.95	2	13:13	0.001	0.027
J-790	0.50	2.57	2	12:13	0.001	0.014
J-792	0.61	3.06	2	12:13	0.004	0.014
J-793	0.69	4.52	2	17:37	0.004	0.032
J-795	0.41	2.98	2	11:56	0.001	0.007
J-799	0.33	5.55	2	11:39	0.008	0.002
J-799-WEIR-EAC	16.15	21.12	3	02:52	0.340	0.408
J-80	19.42	6.82	2	12:15	0.181	1.154
J-800	13.07	7.19	3	02:27	0.042	0.397
J-802	14.24	5.98	3	00:58	0.051	0.499
J-806	12.54	5.66	2	22:28	0.049	0.359
J-809	11.26	12.56	2	23:07	0.133	0.297
J-810	13.18	9.14	2	23:08	0.130	0.549
J-813	13.55	5.01	3	02:25	0.035	0.483
J-816	14.06	4.97	2	12:13	0.140	0.610

J-819	12.71	3.90	3	02:54	0.029	0.419
J-82	19.21	7.65	2	11:24	0.066	1.264
J-822	14.44	4.47	2	12:15	0.126	0.539
J-826	16.03	5.83	2	12:15	0.185	0.740
J-829	15.25	5.98	2	09:19	0.026	0.532
J-83	18.86	18.03	3	05:45	0.334	1.262
J-831	15.31	5.17	2	08:16	0.127	0.578
J-836	14.96	4.56	2	10:45	0.108	0.518
J-838	7.21	2.84	2	16:20	0.060	0.138
J-83A	0.00	17.60	3	03:49	0.000	0.000
J-84	19.35	7.23	2	11:26	0.060	1.262
J-841	7.75	5.36	2	16:04	0.048	0.180
J-844	7.55	6.24	2	12:15	0.148	0.318
J-848	1.80	5.68	2	16:25	0.026	0.009
J-850	0.48	5.97	2	18:19	0.014	0.003
J-851	0.50	6.62	2	13:15	0.013	0.007
J-87	20.81	3.34	0	12:13	0.069	1.411
J-879	2.01	5.87	3	05:39	0.047	0.000
J-88	20.06	3.84	1	06:19	0.064	1.367
J-880	19.44	10.40	2	02:29	0.482	0.470
J-881	0.42	11.83	0	19:55	0.028	0.001
J-882	19.12	7.69	0	23:41	0.441	0.117
J-883	14.91	9.39	2	16:45	0.305	0.138
J-884	0.73	18.79	2	18:22	0.027	0.146
J-888	20.32	6.54	2	10:31	0.069	1.808
J-889	20.84	4.32	2	11:03	0.073	1.732
J-891	20.66	7.29	2	11:35	0.051	1.688
J-892	20.26	5.31	2	08:55	0.070	1.584
J-894	22.14	4.49	2	07:57	0.072	1.925
J-896	22.35	4.84	2	08:49	0.117	2.053
J-899	19.27	26.28	2	11:20	0.382	1.585
J-903	21.27	21.92	2	11:29	0.776	1.205
J-910	0.00	3.08	0	00:00	0.000	0.000
J-912	0.00	4.05	0	00:00	0.000	0.000
J-917	0.05	9.82	1	10:24	0.003	0.002
J-918	4.51	7.84	1	06:20	0.102	0.001
J-920	0.00	28.01	0	00:00	0.000	0.005
J-934	19.13	20.72	2	11:11	0.887	1.600
J-951	7.90	10.98	2	17:44	0.230	0.005
J-953	7.87	12.77	2	08:52	0.269	0.028
J-954	11.45	15.65	0	08:26	0.485	0.061
J-958	49.59	55.15	0	14:21	6.663	1.521
J-96	17.07	5.79	3	05:10	0.039	0.790
J-963	24.11	13.37	2	09:36	0.347	3.155
J-99	20.34	3.50	2	10:04	0.068	1.755
JCT-24	0.03	15.52	2	12:44	0.003	0.000
JCT-26	3.06	60.06	2	16:19	0.065	0.600
JCT-26-WEIR	2.66	43.12	2	16:19	0.103	0.598
JCT-30	22.51	30.51	2	11:08	0.137	3.092
JCT-46	28.99	54.67	0	00:00	3.063	1.160
JCT-64	24.40	10.98	1	21:11	0.143	1.088

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
J-856-STORAGE-NEW	1.129	30.36	0.0	0.0	1.530	41	2 12:06	16.00

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
J-171	99.99	3.19	12.06	6.834
J-263	72.05	1.34	5.63	2.476
J-279	35.24	2.38	4.21	2.095
J-33A	48.80	1.42	2.82	1.806
J-386	25.58	1.52	1.70	1.017
J-442	99.99	4.49	12.54	10.139
J-561A	100.00	8.68	65.98	18.790
J-567A	19.57	2.71	2.82	1.431
J-582	97.89	1.26	5.19	3.062
J-605	99.33	1.30	6.78	2.650
J-671	99.91	2.47	7.21	5.595
J-694	98.75	0.22	9.20	0.480
J-703	99.99	2.75	11.93	5.713
J-909	96.68	0.22	5.36	0.502
J-911	97.21	0.44	9.74	1.018
J-913	89.29	0.00	11.11	0.005
J-919	99.51	1.11	11.87	2.255
J-920A	100.00	8.17	60.37	16.843
J-963A	78.85	0.13	8.11	0.243
J575A	96.41	0.98	61.46	2.235
OFALL-10	45.79	2.77	4.62	3.206
OFALL-12	29.81	2.06	2.84	1.635
OFALL-14	59.74	0.81	1.41	1.154
OFALL-16	80.76	1.89	3.85	3.523
OFALL-18	33.65	1.49	2.06	1.306
OFALL-20	45.70	0.87	1.44	1.007
OFALL-22	19.49	1.79	1.95	0.927
OFALL-24	0.00	0.00	0.00	0.000
OFALL-26	55.46	1.48	2.27	1.946
OFALL-28	25.08	3.35	3.79	2.259
OFALL-30	73.11	0.98	1.90	1.669
OFALL-32	46.85	1.28	2.27	1.511
OFALL-34	25.39	0.57	0.63	0.382
OFALL-36	33.55	0.94	1.21	0.806
OFALL-38	95.85	0.33	1.28	0.739
OFALL-40	97.65	0.84	1.28	1.690
OFALL-42	94.91	0.84	1.28	1.684
OFALL-44	100.00	3.15	3.30	6.629
OFALL-46	51.24	0.57	1.90	0.655
OFALL-48	58.84	0.74	2.84	0.977
OFALL-50	77.99	0.42	1.28	0.720
OFALL-52	74.23	1.20	1.28	1.844
OFALL-54	80.61	0.79	2.84	1.328
OFALL-66	93.88	2.28	3.79	4.722
WELL-2E	41.69	5.96	55.58	5.756
WELL-3	94.59	0.68	4.88	1.432
WELL-4	94.67	1.95	13.54	4.136
WELL-W-ENID-DR	95.46	2.76	3.79	5.563
System	70.44	87.55	267.90	144.393

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Link Flow Summary
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Link	Type	Maximum |Run Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Output Flow| CFS	Time of Max Occurrence days hr:min	Max/ Full Flow	Maximum |Veloc| ft/sec	Time of Max Occurrence days hr:min	Max/ Full Depth	Time of Max Occurrence days hr:min	Maximum Top Width ft
C-WELL3W	CONDUIT	4.88	0 00:01	4.87	0 00:01	1.01	5.73	0 00:01	1.00	0 00:01	0.42
C-WELL4E	CONDUIT	13.54	0 00:01	13.27	0 00:01	0.39	5.57	0 00:01	1.00	2 12:14	0.94
CDT-101	CONDUIT	22.49	2 10:08	15.45	2 09:49	4.40	3.18	2 10:08	1.00	2 06:47	3.00
CDT-103	CONDUIT	20.15	2 10:21	12.15	2 09:13	3.94	2.85	2 10:21	1.00	2 06:49	3.00
CDT-105	CONDUIT	22.71	2 10:14	11.98	2 10:17	4.44	3.21	2 10:14	1.00	2 06:56	3.00
CDT-107	CONDUIT	16.56	2 10:42	11.55	2 08:35	3.24	2.34	2 10:42	1.00	2 07:14	3.00
CDT-109	CONDUIT	19.87	1 06:40	13.84	1 10:38	3.89	2.81	1 06:40	1.00	0 06:04	3.00
CDT-11	CONDUIT	3.76	2 16:41	3.44	3 04:25	1.36	4.21	2 16:41	1.00	0 06:04	1.07
CDT-111	CONDUIT	21.83	0 13:24	13.60	2 05:36	4.27	3.09	0 13:24	1.00	0 06:04	3.00
CDT-113	CONDUIT	17.34	2 11:23	7.34	2 10:52	3.39	2.45	2 11:23	1.00	2 08:04	3.00
CDT-115	CONDUIT	26.27	2 10:16	24.04	2 09:07	2.39	2.09	2 10:16	1.00	2 04:54	4.00
CDT-121	CONDUIT	55.58	0 00:00	23.41	2 12:12	0.14	9.19	0 00:00	1.00	0 00:00	1.72
CDT-123	CONDUIT	17.44	2 09:20	14.04	2 11:35	3.41	6.60	0 07:14	1.00	0 12:10	3.00
CDT-125	CONDUIT	19.70	2 09:15	15.06	2 09:43	1.79	1.57	2 09:15	1.00	0 17:28	4.00
CDT-171	CONDUIT	17.60	0 08:37	15.30	0 15:33	0.17	2.15	0 00:28	1.00	0 06:33	4.00
CDT-173	CONDUIT	10.11	2 11:18	8.23	2 10:39	0.65	7.12	0 21:57	0.88	2 12:30	4.00
CDT-175	CONDUIT	4.92	2 16:02	4.05	2 22:19	0.32	3.55	0 22:28	0.89	2 12:17	4.00
CDT-177	CONDUIT	9.52	1 11:51	8.88	1 11:51	0.61	0.94	2 00:11	1.00	1 08:08	4.00
CDT-179	CONDUIT	6.89	1 11:21	5.88	1 11:23	0.44	0.60	1 11:21	1.00	0 09:17	4.00
CDT-181	CONDUIT	3.66	2 12:58	3.66	2 12:58	0.24	0.92	0 06:40	1.00	0 07:47	4.00
CDT-183	CONDUIT	28.40	2 10:57	14.01	2 10:05	1.83	2.26	2 10:57	1.00	0 07:02	4.00
CDT-185	CONDUIT	1.94	2 09:15	1.47	2 09:20	0.12	0.92	0 06:40	1.00	0 07:47	4.00
CDT-187	CONDUIT	16.06	2 09:11	12.24	2 08:13	1.03	1.28	2 09:11	1.00	0 06:38	4.00
CDT-189	CONDUIT	16.06	2 09:11	12.24	2 08:13	1.03	1.28	2 09:11	1.00	0 06:38	4.00
CDT-191	CONDUIT	6.89	1 11:21	5.88	1 11:23	0.44	0.60	1 11:21	1.00	0 09:17	4.00
CDT-193	CONDUIT	30.31	2 08:21	16.32	2 10:09	1.95	2.41	2 08:21	1.00	2 06:10	4.00
CDT-195	CONDUIT	6.60	2 08:43	3.46	0 00:03	0.42	3.03	0 00:01	1.00	0 05:17	3.99
CDT-197	CONDUIT	23.55	2 11:23	18.39	2 10:55	1.51	1.87	2 11:23	1.00	2 08:10	4.00
CDT-199	CONDUIT	19.17	2 11:47	11.78	2 11:35	1.23	1.53	2 11:47	1.00	2 09:31	4.00
CDT-201	CONDUIT	17.20	2 10:27	13.73	2 11:31	1.11	1.37	2 10:27	1.00	2 09:21	4.00
CDT-205	CONDUIT	9.26	2 11:48	6.27	2 11:20	0.01	0.87	2 11:48	0.94	2 16:45	4.00
CDT-207	CONDUIT	30.22	2 11:59	20.20	2 11:54	1.94	2.41	2 11:59	1.00	2 08:16	4.00
CDT-209	CONDUIT	22.64	2 23:31	19.80	2 23:32	1.46	1.80	2 23:31	1.00	0 18:54	4.00
CDT-211	CONDUIT	20.36	2 23:31	17.38	2 23:32	1.31	1.62	2 23:31	1.00	0 18:54	4.00
CDT-213	CONDUIT	22.11	1 07:25	17.10	2 11:27	1.42	1.76	1 07:25	1.00	0 16:11	4.00
CDT-215	CONDUIT	9.21	3 02:42	7.78	3 04:02	0.01	0.89	2 07:28	1.00	2 13:12	4.00
CDT-217	CONDUIT	8.28	2 11:50	5.87	2 11:50	0.01	0.85	2 11:50	0.94	2 16:30	4.00
CDT-219	CONDUIT	9.32	2 11:53	5.99	2 11:51	0.01	0.89	2 11:53	0.96	2 16:43	4.00
CDT-221	CONDUIT	27.47	3 05:18	16.96	3 05:01	1.77	2.19	3 05:18	1.00	2 08:45	4.00
CDT-223	CONDUIT	13.65	2 11:51	6.27	2 11:18	0.88	1.09	2 11:51	1.00	2 09:41	4.00
CDT-225	CONDUIT	20.06	2 11:38	11.90	2 11:28	1.29	1.60	2 11:38	1.00	2 08:41	4.00
CDT-227	CONDUIT	15.30	2 11:08	6.50	2 11:03	0.98	1.22	2 11:08	1.00	2 09:37	4.00
CDT-229	CONDUIT	14.69	2 10:56	6.12	2 11:45	0.94	1.17	2 10:56	1.00	2 08:05	4.00
CDT-231	CONDUIT	14.38	2 10:56	5.98	2 12:19	0.92	1.14	2 10:56	1.00	2 08:05	4.00
CDT-233	CONDUIT	16.79	2 08:38	15.51	2 09:03	1.08	1.42	1 21:06	1.00	2 07:48	4.00
CDT-235	CONDUIT	7.88	2 11:03	6.80	2 11:02	0.01	0.93	2 11:03	0.96	2 18:10	4.00
CDT-237	CONDUIT	6.59	2 09:42	4.94	2 12:01	0.01	0.90	2 09:42	0.96	2 17:34	4.00
CDT-239	CONDUIT	25.76	2 09:50	14.15	2 10:14	1.66	2.05	2 09:50	1.00	2 07:08	4.00
CDT-241	CONDUIT	14.69	2 10:56	6.12	2 11:45	0.94	1.17	2 10:56	1.00	2 08:05	4.00
CDT-243	CONDUIT	9.35	2 12:15	9.20	2 12:15	0.01	0.95	2 12:15	0.96	2 18:11	4.00
CDT-245	CONDUIT	7.05	2 10:55	5.79	2 10:58	0.01	0.83	2 10:43	0.98	2 18:08	4.00

CDT-247	CONDUIT	21.41	2	11:27	12.51	2	10:19	1.38	1.70	2	11:27	1.00	2	08:06	4.00
CDT-249	CONDUIT	29.96	2	11:20	17.34	2	10:08	1.93	2.38	2	11:20	1.00	2	07:49	4.00
CDT-251	CONDUIT	17.62	2	11:18	13.79	2	11:44	1.13	1.40	2	11:18	1.00	2	07:51	4.00
CDT-253	CONDUIT	14.24	2	11:51	7.75	2	11:52	0.92	1.13	2	11:51	1.00	2	09:40	4.00
CDT-255	CONDUIT	23.01	2	09:44	16.24	2	09:09	1.48	1.83	2	09:44	1.00	2	07:08	4.00
CDT-257	CONDUIT	23.01	2	09:44	16.24	2	09:09	1.48	1.83	2	09:44	1.00	2	07:08	4.00
CDT-259	CONDUIT	25.03	2	11:23	13.53	2	10:00	1.61	1.99	2	11:23	1.00	2	08:21	4.00
CDT-261	CONDUIT	29.05	3	05:17	13.11	3	04:56	1.87	2.59	0	00:00	1.00	2	08:00	4.00
CDT-263	CONDUIT	18.04	2	11:16	12.42	2	11:07	1.16	1.44	2	11:16	1.00	2	09:52	4.00
CDT-265	CONDUIT	22.86	1	04:15	18.74	1	00:10	1.47	1.95	1	02:36	1.00	0	19:46	4.00
CDT-267	CONDUIT	22.90	3	04:45	18.74	1	00:10	1.47	1.95	1	02:36	1.00	0	19:46	4.00
CDT-269	CONDUIT	15.78	3	04:54	15.46	3	04:55	1.01	1.45	3	04:46	1.00	2	11:56	4.00
CDT-271	CONDUIT	19.86	3	02:42	9.97	3	02:27	1.28	1.58	3	02:42	1.00	2	10:37	4.00
CDT-273	CONDUIT	31.55	0	09:47	29.40	0	08:45	2.03	2.51	0	09:47	1.00	0	08:31	4.00
CDT-275	CONDUIT	21.72	2	10:47	15.21	2	11:02	1.40	1.73	2	10:47	1.00	2	08:08	4.00
CDT-277	CONDUIT	23.46	3	04:17	11.69	3	04:23	1.51	5.11	0	03:53	1.00	2	10:23	4.00
CDT-279	CONDUIT	12.85	0	09:56	9.99	0	09:59	0.01	1.82	0	09:56	0.97	2	13:58	4.00
CDT-281	CONDUIT	7.32	2	11:45	5.32	2	11:41	0.01	0.68	2	11:45	1.00	2	13:06	4.00
CDT-283	CONDUIT	20.38	2	10:10	15.19	2	10:44	1.31	1.62	2	10:10	1.00	2	08:21	4.00
CDT-285	CONDUIT	18.57	2	11:27	9.26	2	11:08	1.19	1.48	2	11:27	1.00	2	10:01	4.00
CDT-287	CONDUIT	27.81	3	04:50	8.08	3	04:07	1.79	2.21	3	04:50	1.00	2	10:01	4.00
CDT-289	CONDUIT	28.94	3	05:28	18.77	3	05:31	1.86	2.30	3	05:28	1.00	2	09:44	4.00
CDT-291	CONDUIT	29.51	0	14:21	19.89	0	12:18	1.90	2.35	0	14:21	1.00	0	06:19	4.00
CDT-293	CONDUIT	29.89	3	01:10	16.47	2	23:58	1.92	2.38	3	01:10	1.00	2	10:39	4.00
CDT-295	CONDUIT	23.37	0	11:45	19.94	0	07:23	1.50	2.25	0	01:04	1.00	0	06:55	4.00
CDT-297	CONDUIT	21.47	2	11:03	18.38	2	11:02	1.38	1.71	2	11:03	1.00	2	07:51	4.00
CDT-299	CONDUIT	11.60	2	09:31	8.63	0	13:30	4.73	3.69	2	09:31	1.00	0	05:05	2.00
CDT-439	CONDUIT	12.72	2	02:33	9.41	2	02:34	19.04	4.05	2	02:33	1.00	0	15:52	2.00
CDT-525	CONDUIT	74.29	0	08:42	66.73	0	07:08	4.77	5.91	0	08:42	1.00	0	06:19	2.57
CDT-539	CONDUIT	30.42	0	22:33	29.75	2	10:48	1.12	4.30	0	22:33	1.00	0	06:07	3.00
CDT-87	CONDUIT	16.13	2	12:15	16.06	2	12:15	1.26	5.57	2	12:15	0.43	2	12:15	3.00
CDT-91	CONDUIT	3.68	2	19:21	2.99	2	19:06	0.72	0.52	2	19:21	1.00	0	13:55	3.00
CDT-93	CONDUIT	23.44	2	10:39	13.04	2	10:23	4.59	3.32	2	10:39	1.00	1	01:31	3.00
CDT-95	CONDUIT	20.51	2	11:15	7.57	2	09:25	4.01	2.90	2	11:15	1.00	2	06:20	3.00
CDT-97	CONDUIT	20.01	2	09:41	19.42	2	09:41	3.92	2.83	2	09:41	1.00	2	06:21	3.00
CDT-99	CONDUIT	15.78	2	09:20	9.58	2	06:55	3.09	2.23	2	09:20	1.00	1	01:31	3.00
J-963_OUTFALL	CONDUIT	8.11	0	00:00	3.10	2	12:21	23.33	8.07	0	00:00	1.00	0	00:00	0.31
J561_OUTFALL	CONDUIT	65.98	0	00:00	22.13	2	12:20	20.28	14.66	0	00:00	1.00	0	00:00	0.94
J575_OUTFALL	CONDUIT	61.46	0	00:00	11.41	2	12:16	18.89	13.80	0	00:00	1.00	0	00:00	0.94
J920_OUTFALL	CONDUIT	60.37	0	00:00	12.77	0	21:22	18.55	13.47	0	00:00	1.00	0	00:00	0.94
LINK-WELL-2	CONDUIT	12.12	2	12:15	12.12	2	12:15	1.70	3.86	2	12:15	1.00	0	06:33	0.78
U-1	CONDUIT	10.97	2	08:21	7.41	2	12:16	12.32	2.42	2	08:21	1.00	0	07:35	2.40
U-100	CONDUIT	3.39	1	09:51	2.41	1	05:47	19.13	2.47	0	00:03	1.00	0	00:04	1.33
U-101	CONDUIT	6.95	3	00:30	5.97	2	16:39	26.77	4.98	3	00:30	1.00	0	00:02	1.33
U-102	CONDUIT	3.90	2	12:27	3.90	2	12:27	20.87	3.63	0	00:02	1.00	0	00:04	1.27
U-103	CONDUIT	6.79	2	16:29	6.39	3	02:09	33.87	4.87	2	16:29	1.00	0	00:02	1.19
U-104	CONDUIT	4.27	1	22:44	3.90	2	12:27	32.82	7.83	1	22:44	1.00	0	00:01	0.33
U-105	CONDUIT	8.93	2	13:13	8.43	2	12:15	17.67	5.08	0	00:01	1.00	0	00:01	1.44
U-106	CONDUIT	12.06	2	12:15	12.06	2	12:15	2.07	6.00	2	12:15	1.00	0	00:01	0.63
U-11	CONDUIT	11.69	2	11:40	7.90	2	07:31	6.62	3.72	2	11:40	1.00	0	07:44	2.00
U-110	CONDUIT	10.03	2	07:46	8.03	1	01:23	16.01	4.99	2	07:46	1.00	0	01:22	1.60
U-112	CONDUIT	9.70	2	09:49	4.91	2	10:31	12.66	4.83	2	09:49	1.00	0	01:22	1.60
U-113	CONDUIT	9.17	2	12:18	9.16	2	12:18	77.88	8.17	2	12:18	1.00	0	06:18	1.20
U-114	CONDUIT	3.41	2	10:23	2.77	2	10:37	13.79	1.70	2	10:23	1.00	0	01:22	1.60
U-118	CONDUIT	4.24	1	03:31	3.29	2	11:46	14.06	3.75	1	03:31	1.00	0	06:20	1.20
U-121	CONDUIT	4.04	2	10:11	2.96	2	11:51	15.09	2.01	2	10:11	1.00	0	06:34	1.60
U-122	CONDUIT	6.01	3	05:10	3.80	3	05:04	12.71	2.99	3	05:10	1.00	0	06:34	1.60
U-125	CONDUIT	3.90	2	10:36	3.13	3	05:11	7.48	1.78	1	02:28	1.00	0	07:01	2.00
U-129	CONDUIT	6.18	2	11:17	4.21	1	01:45	14.58	5.46	2	11:17	1.00	0	06:35	1.20
U-13	CONDUIT	5.14	2	08:15	4.62	2	12:03	18.22	2.56	2	08:15	1.00	0	07:05	1.60

U-131	CONDUIT	2.35	2	11:17	2.28	2	12:19	17.81	2.07	2	11:17	1.00	0	06:35	1.20
U-141	CONDUIT	3.44	1	10:37	2.51	1	12:32	22.12	3.04	1	10:37	1.00	0	15:30	1.20
U-142	CONDUIT	3.36	2	04:05	2.53	1	20:47	22.15	2.97	2	04:05	1.00	0	15:30	1.20
U-147	CONDUIT	3.27	1	15:25	2.62	1	22:12	26.66	2.89	1	15:25	1.00	0	15:30	1.20
U-15	CONDUIT	3.88	2	11:56	3.45	2	11:56	1.29	3.43	2	11:56	1.00	0	07:19	1.20
U-150	CONDUIT	3.50	2	12:26	3.50	2	12:26	26.58	3.09	2	12:26	1.00	0	15:30	1.20
U-153	CONDUIT	4.59	1	06:22	2.78	1	23:52	19.77	4.05	1	06:22	1.00	0	15:30	1.20
U-155	CONDUIT	5.94	2	09:15	4.31	2	10:17	13.29	5.25	2	09:15	1.00	0	15:30	1.20
U-156	CONDUIT	3.21	1	17:36	2.89	2	06:49	22.67	2.84	1	17:36	1.00	0	15:30	1.20
U-158	CONDUIT	5.69	2	09:21	3.24	1	18:51	20.66	5.03	2	09:21	1.00	0	15:30	1.20
U-16	CONDUIT	4.08	2	11:49	3.14	2	12:01	14.87	2.03	2	11:49	1.00	0	08:50	1.60
U-160	CONDUIT	3.89	2	04:43	3.18	2	12:35	18.03	2.20	2	04:43	1.00	0	15:56	1.50
U-161	CONDUIT	2.78	0	22:00	2.52	1	20:36	25.86	2.82	1	20:01	1.00	0	15:28	1.20
U-165	CONDUIT	3.07	2	11:22	2.29	2	05:38	20.69	2.72	2	11:22	1.00	0	15:39	1.20
U-167	CONDUIT	2.37	3	05:58	2.23	3	06:00	18.86	2.09	3	05:58	1.00	0	15:38	1.20
U-17	CONDUIT	14.68	2	11:47	9.96	2	11:39	0.20	2.08	2	11:47	1.00	2	06:50	3.00
U-171	CONDUIT	2.53	2	11:20	1.71	1	23:02	20.60	2.24	2	11:20	1.00	0	15:40	1.20
U-172	CONDUIT	4.24	3	05:16	3.93	3	05:53	33.78	3.75	3	05:16	1.00	0	15:38	1.20
U-176	CONDUIT	4.89	2	11:08	3.48	2	09:46	32.45	4.33	2	11:08	1.00	0	15:39	1.20
U-177	CONDUIT	10.92	2	07:32	10.92	2	07:32	25.12	5.44	2	07:32	1.00	0	16:33	1.60
U-18	CONDUIT	3.90	2	09:31	3.27	2	11:44	11.46	3.45	2	09:31	1.00	0	08:08	1.20
U-181	CONDUIT	8.74	2	05:34	6.67	2	07:30	34.84	4.39	2	05:34	1.00	0	16:34	1.60
U-184	CONDUIT	20.87	2	07:29	13.58	1	23:24	47.37	10.38	2	07:29	1.00	0	16:33	1.60
U-186	CONDUIT	11.26	1	09:12	10.70	2	03:21	66.88	9.95	1	09:12	1.00	0	15:27	1.20
U-191	CONDUIT	7.14	1	19:43	6.60	2	00:59	48.29	6.32	1	19:43	1.00	0	15:11	1.20
U-193	CONDUIT	8.31	2	04:06	6.80	1	20:37	24.02	7.35	2	04:06	1.00	0	15:09	1.20
U-195	CONDUIT	7.84	2	04:43	6.82	2	00:11	25.98	6.93	2	04:43	1.00	0	15:09	1.20
U-196	CONDUIT	7.13	1	14:27	6.61	1	03:47	49.21	6.30	1	14:27	1.00	0	15:09	1.20
U-197	CONDUIT	22.03	2	03:42	16.47	1	12:16	26.20	10.97	2	03:42	1.00	0	15:10	1.60
U-199	CONDUIT	19.33	2	04:17	13.73	1	08:16	25.99	9.71	2	04:17	1.00	0	15:11	1.60
U-20	CONDUIT	1.86	2	11:51	1.37	2	12:20	13.31	1.64	2	11:51	1.00	0	08:09	1.20
U-200	CONDUIT	14.23	1	19:26	11.94	1	08:16	33.01	7.08	1	19:26	1.00	0	15:11	1.60
U-201	CONDUIT	22.88	1	16:26	21.74	1	16:26	32.44	7.28	1	16:26	1.00	0	15:48	2.00
U-202	CONDUIT	31.24	1	03:18	28.17	1	16:26	33.06	9.94	1	03:18	1.00	0	15:15	2.00
U-203	CONDUIT	14.24	0	16:37	13.36	0	16:37	56.09	12.59	0	16:37	1.00	0	15:08	1.20
U-204	CONDUIT	8.11	1	23:22	6.96	1	23:23	23.07	7.17	1	23:22	1.00	0	15:07	1.20
U-206	CONDUIT	8.42	0	20:26	7.93	1	08:54	43.71	7.44	0	20:26	1.00	0	15:09	1.20
U-207	CONDUIT	5.18	0	18:46	4.21	1	23:44	23.51	4.58	0	18:46	1.00	0	15:05	1.20
U-208	CONDUIT	5.21	1	20:11	4.02	2	11:58	20.03	4.61	1	20:11	1.00	0	15:09	1.20
U-211	CONDUIT	3.96	1	09:25	3.87	2	13:10	27.38	3.50	1	09:25	1.00	0	15:09	1.20
U-213	CONDUIT	4.47	0	23:04	4.33	1	09:27	21.42	3.64	0	23:04	1.00	0	15:09	1.25
U-214	CONDUIT	4.21	2	15:59	4.06	2	15:50	0.08	1.74	2	15:59	0.72	2	13:43	1.89
U-22	CONDUIT	3.28	2	11:02	2.86	2	10:24	17.59	2.90	2	11:02	1.00	0	08:12	1.20
U-220	CONDUIT	23.50	1	04:10	22.77	1	10:36	41.01	7.48	1	04:10	1.00	0	14:59	2.00
U-221	CONDUIT	11.48	2	00:10	10.13	1	23:48	23.78	10.15	2	00:10	1.00	0	11:14	1.20
U-227	CONDUIT	5.63	1	14:00	3.44	1	01:50	25.91	4.97	1	14:00	1.00	0	15:11	1.20
U-228	CONDUIT	5.00	1	08:57	3.39	2	00:11	37.63	4.43	1	08:57	1.00	0	15:11	1.20
U-231	CONDUIT	17.71	1	13:31	9.04	2	00:32	12.64	5.65	1	13:31	1.00	0	15:51	2.00
U-232	CONDUIT	10.36	2	00:10	9.88	1	23:48	1.31	5.15	2	00:10	1.00	0	15:19	1.60
U-233	CONDUIT	6.68	1	20:10	5.96	2	02:10	55.61	5.90	1	20:10	1.00	0	15:09	1.20
U-237	CONDUIT	10.29	1	23:48	7.41	1	20:11	24.15	3.28	1	23:48	1.00	0	15:53	2.00
U-239	CONDUIT	11.14	2	02:33	10.61	1	19:43	46.35	5.54	2	02:33	1.00	0	15:48	1.60
U-240	CONDUIT	6.83	2	00:59	5.84	1	20:12	54.66	6.04	2	00:59	1.00	0	15:29	1.20
U-242	CONDUIT	6.77	2	08:07	4.90	2	08:08	7.40	3.37	2	08:07	1.00	0	15:53	1.60
U-244	CONDUIT	4.08	1	20:12	3.22	2	09:24	32.45	3.61	1	20:12	1.00	0	15:30	1.20
U-245	CONDUIT	3.33	2	07:56	2.65	2	07:37	21.19	2.95	2	07:56	1.00	0	15:29	1.20
U-249	CONDUIT	2.97	2	07:40	2.80	2	07:40	17.98	2.62	2	07:40	1.00	0	15:27	1.20
U-25	CONDUIT	5.93	3	05:10	4.99	3	05:46	11.59	5.25	3	05:10	1.00	0	08:11	1.20
U-251	CONDUIT	3.96	2	07:38	2.40	2	07:36	14.08	3.51	2	07:38	1.00	0	15:27	1.20
U-253	CONDUIT	2.82	1	07:11	2.46	1	03:48	33.60	3.59	1	07:11	1.00	0	15:24	1.00

U-254	CONDUIT	8.66	2	07:22	7.28	2	07:04	19.86	7.66	2	07:22	1.00	0	15:28	1.20
U-256	CONDUIT	18.63	2	09:13	12.76	2	10:40	7.91	4.75	0	15:47	1.00	0	16:21	2.40
U-259	CONDUIT	11.17	1	17:38	7.30	2	02:10	39.70	10.02	1	17:38	1.00	0	15:09	1.20
U-26	CONDUIT	3.66	2	11:59	3.49	2	12:00	27.08	3.23	2	11:59	1.00	0	08:11	1.20
U-260	CONDUIT	4.50	1	07:10	4.39	1	22:10	62.09	5.73	1	07:10	1.00	0	15:08	1.00
U-261	CONDUIT	3.18	2	11:41	2.75	2	13:33	5.09	5.22	1	09:33	0.73	2	13:55	1.50
U-262-NEW	CONDUIT	5.63	2	13:57	5.63	2	13:58	19.18	11.79	1	20:43	1.00	1	08:11	1.00
U-263	CONDUIT	5.63	2	13:57	5.63	2	13:58	0.74	7.17	2	13:57	1.00	1	07:46	0.39
U-265	CONDUIT	2.75	2	13:32	2.75	2	13:33	0.24	4.69	0	14:52	0.87	2	13:55	1.20
U-267	CONDUIT	2.92	0	22:37	2.75	1	17:32	20.04	2.58	0	22:37	1.00	0	13:58	1.20
U-270	CONDUIT	3.39	1	02:07	3.05	1	11:08	19.82	3.00	1	02:07	1.00	0	13:58	1.20
U-271	CONDUIT	2.95	0	14:42	2.75	2	13:32	20.23	2.61	0	14:42	1.00	0	13:58	1.20
U-274	CONDUIT	4.21	2	11:51	2.49	2	11:54	12.94	3.73	2	11:51	1.00	0	08:08	1.20
U-277	CONDUIT	2.59	2	11:53	1.39	2	11:52	19.03	2.29	2	11:53	1.00	0	08:08	1.20
U-28	CONDUIT	2.81	2	11:42	1.84	2	11:44	14.61	2.49	2	11:42	1.00	0	08:11	1.20
U-280	CONDUIT	2.80	2	10:20	2.39	2	10:14	28.43	2.48	2	10:20	1.00	0	05:19	1.20
U-286	CONDUIT	2.41	2	08:32	2.12	2	08:21	21.33	2.13	2	08:32	1.00	0	05:13	1.20
U-289	CONDUIT	2.52	2	08:21	2.32	2	13:01	22.17	2.23	2	08:21	1.00	0	05:13	1.20
U-29	CONDUIT	2.56	2	12:21	2.56	2	12:21	18.02	2.26	2	12:21	1.00	0	08:10	1.20
U-290	CONDUIT	2.99	2	10:25	2.19	2	08:55	19.63	2.64	2	10:25	1.00	0	05:12	1.20
U-291	CONDUIT	3.87	2	10:08	3.53	2	10:37	24.62	3.42	2	10:08	1.00	0	05:16	1.20
U-293	CONDUIT	6.47	2	03:40	5.01	1	05:52	18.49	5.72	2	03:40	1.00	0	05:13	1.20
U-294	CONDUIT	4.31	2	09:38	3.88	2	08:45	31.07	3.81	2	09:38	1.00	0	05:15	1.20
U-295	CONDUIT	6.98	2	10:20	4.95	2	09:50	20.64	6.17	2	10:20	1.00	0	05:15	1.20
U-298	CONDUIT	5.86	2	10:07	4.70	2	08:18	18.65	5.18	2	10:07	1.00	0	05:15	1.20
U-299	CONDUIT	6.11	0	21:44	4.30	2	11:28	18.32	5.40	0	21:44	1.00	0	05:15	1.20
U-300	CONDUIT	6.23	2	09:37	3.13	2	08:43	15.96	5.51	2	09:37	1.00	0	05:16	1.20
U-304	CONDUIT	2.15	2	08:26	2.08	2	08:38	44.29	4.28	2	08:26	1.00	0	04:45	0.80
U-308	CONDUIT	2.58	2	09:13	2.08	2	09:14	19.82	2.28	2	09:13	1.00	0	05:42	1.20
U-308A	CONDUIT	3.77	2	05:13	2.69	2	08:21	15.38	3.33	2	05:13	1.00	0	05:41	1.20
U-309	CONDUIT	4.31	3	05:17	3.85	3	04:55	29.85	3.81	3	05:17	1.00	0	05:15	1.20
U-312	CONDUIT	4.67	3	05:45	3.58	3	05:07	40.82	4.25	3	05:45	1.00	2	07:18	1.20
U-315	CONDUIT	4.33	3	05:28	3.22	2	11:48	25.18	3.83	3	05:28	1.00	0	05:35	1.20
U-316	CONDUIT	5.42	1	19:40	4.32	0	18:54	22.68	4.79	1	19:40	1.00	0	05:36	1.20
U-319	CONDUIT	4.77	3	05:35	3.63	2	10:01	16.73	2.37	3	05:35	1.00	0	12:16	1.60
U-322	CONDUIT	5.08	3	05:45	4.08	3	05:29	17.72	2.52	3	05:45	1.00	0	14:32	1.60
U-325	CONDUIT	6.31	3	05:41	5.41	1	18:43	24.23	3.68	3	05:41	1.00	0	17:15	1.60
U-327	CONDUIT	6.00	3	04:33	5.79	1	01:56	22.33	3.71	1	01:56	1.00	0	14:16	1.60
U-328	CONDUIT	7.92	2	05:30	7.91	2	05:30	18.57	3.84	2	05:30	1.00	0	20:07	2.00
U-330	CONDUIT	16.56	2	04:45	15.42	2	04:46	0.85	5.27	2	04:45	1.00	0	06:59	2.00
U-332	CONDUIT	14.50	2	03:28	14.06	2	04:46	1.37	7.21	2	03:28	1.00	0	05:37	1.60
U-335	CONDUIT	6.20	2	11:24	3.88	2	08:38	19.89	3.08	2	11:24	1.00	0	05:06	1.60
U-337	CONDUIT	13.15	2	10:44	6.34	2	09:28	0.56	4.19	2	10:44	1.00	0	05:38	2.00
U-34	CONDUIT	2.35	2	10:37	1.98	2	12:44	21.96	2.08	2	10:37	1.00	0	08:22	1.20
U-341	CONDUIT	12.26	2	04:27	11.13	2	05:30	45.39	6.10	2	04:27	1.00	0	04:04	1.60
U-344	CONDUIT	4.46	2	10:42	3.52	3	05:50	41.02	3.94	2	10:42	1.00	0	04:16	1.20
U-345	CONDUIT	3.75	3	05:46	3.21	2	01:04	1.50	3.31	3	05:46	1.00	0	05:15	1.20
U-346	CONDUIT	7.17	2	11:09	3.77	2	11:31	18.40	6.34	2	11:09	1.00	0	05:23	1.20
U-347	CONDUIT	3.42	2	11:16	2.95	2	10:30	32.45	3.03	2	11:16	1.00	0	05:41	1.20
U-348	CONDUIT	7.37	3	04:35	4.76	3	05:41	26.08	3.67	3	04:35	1.00	0	05:56	1.60
U-35	CONDUIT	2.49	2	08:32	2.37	2	08:56	21.91	2.20	2	08:32	1.00	0	08:27	1.20
U-351	CONDUIT	5.65	3	05:45	4.87	3	05:20	43.36	4.60	3	05:45	1.00	0	05:40	1.25
U-352	CONDUIT	2.32	2	07:38	2.14	2	10:00	18.17	2.05	2	07:38	1.00	0	01:32	1.20
U-353	CONDUIT	4.64	2	09:06	3.68	2	11:04	14.99	4.10	2	09:06	1.00	0	01:32	1.20
U-354	CONDUIT	4.01	2	10:31	3.68	2	10:07	11.71	1.99	2	10:31	1.00	0	06:18	1.60
U-357	CONDUIT	3.51	1	07:22	3.29	2	02:44	12.30	1.88	1	07:22	1.00	0	06:20	1.60
U-358	CONDUIT	5.81	2	03:53	5.11	2	11:33	18.60	5.14	2	03:53	1.00	0	04:15	1.20
U-364	CONDUIT	3.12	2	11:29	2.88	2	11:22	27.61	2.76	2	11:29	1.00	0	07:57	1.20
U-364A	CONDUIT	11.15	2	11:35	8.02	2	12:00	3.58	1.47	0	07:15	1.00	0	17:28	4.00
U-366	CONDUIT	2.56	2	10:57	2.02	2	10:07	24.78	2.26	2	10:57	1.00	0	05:27	1.20

U-37	CONDUIT	6.63	2	08:18	6.52	2	08:18	14.78	5.86	2	08:18	1.00	0	08:27	1.20
U-372	CONDUIT	2.79	2	10:44	2.30	2	10:15	25.10	2.47	2	10:44	1.00	0	05:42	1.20
U-373	CONDUIT	3.82	2	10:27	3.14	2	08:57	22.14	3.38	2	10:27	1.00	0	04:15	1.20
U-376	CONDUIT	4.07	2	10:04	3.33	2	12:48	0.52	3.60	2	10:04	1.00	0	05:31	1.20
U-379	CONDUIT	3.07	2	11:42	2.97	2	12:31	27.38	2.71	2	11:42	1.00	0	05:16	1.20
U-38	CONDUIT	15.15	2	10:42	11.58	2	10:05	9.07	4.82	2	10:42	1.00	0	20:57	2.00
U-382	CONDUIT	3.52	3	05:17	2.40	2	12:52	12.16	1.75	3	05:17	1.00	0	07:50	1.60
U-385	CONDUIT	3.60	2	11:02	2.49	3	05:04	13.30	1.79	2	11:02	1.00	0	07:08	1.60
U-386	CONDUIT	6.31	3	04:22	4.94	3	03:55	11.26	3.57	3	04:22	1.00	0	05:07	1.50
U-388	CONDUIT	5.97	3	04:39	4.86	2	09:15	16.19	3.38	3	04:39	1.00	0	07:05	1.49
U-390	CONDUIT	8.54	3	04:15	5.48	3	04:15	12.87	4.83	3	04:15	1.00	0	06:18	1.50
U-391	CONDUIT	5.83	3	04:21	4.51	3	04:09	0.57	2.90	3	04:21	1.00	0	07:08	1.60
U-392	CONDUIT	6.56	2	10:51	5.62	2	09:09	0.40	3.26	2	10:51	1.00	0	07:08	1.60
U-394	CONDUIT	4.10	2	04:27	3.59	2	05:30	1.07	3.62	2	04:27	1.00	0	05:16	1.20
U-397	CONDUIT	3.15	2	05:30	2.64	2	05:30	30.07	2.78	2	05:30	1.00	0	05:08	1.20
U-398	CONDUIT	11.10	2	04:26	7.91	3	03:34	11.31	2.45	2	04:26	1.00	1	15:16	2.40
U-399	CONDUIT	6.42	2	04:27	6.38	2	04:28	49.43	5.87	2	04:27	1.00	0	02:36	1.20
U-402	CONDUIT	4.09	3	01:52	2.93	3	01:58	31.62	3.62	3	01:52	1.00	0	04:43	1.20
U-404	CONDUIT	4.10	1	02:51	3.36	3	01:47	15.50	3.62	1	02:51	1.00	0	04:43	1.20
U-406	CONDUIT	3.70	3	01:11	3.11	3	00:23	27.46	3.01	3	01:11	1.00	0	04:43	1.25
U-407	CONDUIT	24.54	0	15:15	21.43	0	11:16	58.67	20.00	0	15:15	1.00	0	07:20	1.25
U-408	CONDUIT	6.12	0	15:17	5.25	0	15:18	9.00	4.99	0	15:17	1.00	0	07:20	1.25
U-409	CONDUIT	7.32	0	16:02	5.66	0	21:12	2.76	4.14	0	16:02	1.00	0	07:25	1.50
U-411	CONDUIT	7.09	0	16:02	5.66	0	21:12	27.08	4.01	0	16:02	1.00	0	07:25	1.50
U-412	CONDUIT	4.63	0	11:16	4.55	0	11:16	0.84	2.97	0	13:18	1.00	0	08:42	1.45
U-413	CONDUIT	7.42	2	06:21	5.88	0	12:07	13.60	4.20	2	06:21	1.00	0	00:22	1.50
U-414	CONDUIT	4.45	3	04:51	4.05	3	04:46	31.12	3.93	3	04:51	1.00	0	00:22	1.20
U-415	CONDUIT	5.92	0	18:25	5.11	0	08:52	29.68	6.43	0	18:25	1.00	0	00:21	1.08
U-416	CONDUIT	2.97	3	04:15	2.95	3	04:16	43.63	3.22	3	04:15	1.00	0	00:21	1.08
U-417	CONDUIT	6.31	3	01:24	4.92	3	04:48	1.15	4.11	0	00:22	1.00	2	11:51	3.83
U-418	CONDUIT	12.76	3	01:23	10.53	0	00:03	9.74	3.34	0	00:02	1.00	0	00:09	3.19
U-419	CONDUIT	12.54	2	14:50	12.39	2	14:56	1.90	15.96	2	14:50	1.00	0	00:01	0.39
U-420	CONDUIT	7.80	2	11:08	5.40	2	08:13	27.36	6.90	2	11:08	1.00	0	21:17	1.20
U-421	CONDUIT	8.53	2	11:08	4.43	2	11:54	6.01	1.89	2	11:08	1.00	1	10:14	2.40
U-423	CONDUIT	6.60	2	11:17	5.54	2	11:33	7.69	1.46	2	11:17	1.00	1	10:14	2.40
U-428	CONDUIT	7.16	2	11:32	4.70	2	11:15	9.79	1.58	2	11:32	1.00	1	10:14	2.40
U-430	CONDUIT	6.76	2	11:19	5.62	2	12:03	11.31	1.49	2	11:19	1.00	1	10:15	2.40
U-434	CONDUIT	6.70	2	11:40	5.83	2	11:08	8.60	1.48	2	11:40	1.00	1	10:15	2.40
U-437	CONDUIT	4.31	2	10:05	3.77	2	11:35	16.81	2.15	2	10:05	1.00	0	23:58	1.60
U-439	CONDUIT	9.69	1	12:20	6.76	2	08:44	25.86	4.82	1	12:20	1.00	0	04:50	1.60
U-44	CONDUIT	17.13	2	15:32	15.99	2	15:19	3.32	5.45	2	15:32	1.00	0	04:41	2.00
U-440	CONDUIT	9.90	1	11:58	8.65	0	08:48	1.45	4.92	1	11:58	1.00	0	05:49	1.60
U-441	CONDUIT	10.07	2	00:05	9.18	1	10:53	1.67	5.01	2	00:05	1.00	0	05:57	1.60
U-443	CONDUIT	14.08	1	14:46	13.22	1	14:47	3.92	7.00	1	14:46	1.00	0	06:00	1.60
U-445	CONDUIT	19.68	1	09:52	15.55	1	20:29	2.00	6.26	1	16:01	1.00	0	06:07	2.00
U-447	CONDUIT	21.18	0	06:49	19.86	0	06:49	1.07	6.74	0	06:49	1.00	0	05:18	2.00
U-448	CONDUIT	21.08	0	06:48	20.13	0	06:49	1.94	10.49	0	06:48	1.00	0	05:20	1.60
U-449	CONDUIT	23.39	1	19:37	15.32	1	16:15	1.98	7.45	1	19:37	1.00	0	05:58	2.00
U-45	CONDUIT	14.77	2	15:53	11.51	2	13:34	2.85	4.70	2	15:53	1.00	0	04:45	2.00
U-450	CONDUIT	32.75	2	17:03	31.97	2	14:08	1.66	10.51	2	17:03	1.00	0	06:03	2.00
U-451	CONDUIT	23.22	1	13:05	21.68	1	07:13	2.89	7.47	2	01:56	1.00	0	06:03	2.00
U-452	CONDUIT	27.42	1	23:16	26.11	1	19:47	5.32	8.88	1	23:16	1.00	0	06:04	1.99
U-454	CONDUIT	45.65	1	23:56	44.48	1	15:09	3.53	10.16	1	23:56	1.00	0	06:07	2.40
U-456	CONDUIT	70.11	2	10:37	63.23	1	16:30	2.96	9.92	2	10:37	1.00	0	06:20	3.00
U-463	CONDUIT	53.58	2	10:45	48.50	2	07:59	0.93	8.74	2	07:58	1.00	0	06:36	2.80
U-464	CONDUIT	127.18	1	11:12	102.66	1	19:26	2.17	10.50	1	11:12	1.00	0	06:23	4.00
U-466	CONDUIT	17.99	1	18:12	17.62	1	14:58	1.68	8.95	1	18:12	1.00	0	05:44	1.60
U-468	CONDUIT	18.33	0	14:00	18.13	1	05:12	0.76	9.28	0	21:13	1.00	0	06:17	1.60
U-468-NEW	CONDUIT	19.13	0	13:45	16.87	1	22:46	3.32	4.89	0	06:18	1.00	0	06:30	2.38
U-469	CONDUIT	48.82	1	10:57	48.12	1	11:02	1.12	15.54	1	10:57	1.00	0	06:11	2.00

U-47	CONDUIT	5.35	2	15:46	5.06	3	00:19	5.61	5.81	2	15:46	1.00	0	04:09	1.08
U-48	CONDUIT	3.06	2	09:34	1.46	2	09:54	13.70	3.32	2	09:34	1.00	0	21:20	1.08
U-481	CONDUIT	3.71	2	18:34	3.68	2	18:48	43.45	4.73	2	18:34	1.00	0	06:24	1.00
U-483	CONDUIT	3.23	0	10:16	3.13	2	10:56	35.72	4.12	0	10:16	1.00	0	06:24	0.99
U-486	CONDUIT	9.52	0	14:16	8.68	1	05:13	2.71	3.53	0	06:25	1.00	0	06:29	0.99
U-489	CONDUIT	7.92	0	14:21	7.56	0	14:21	0.92	3.94	0	14:21	1.00	0	06:18	1.60
U-492	CONDUIT	8.41	0	08:22	6.57	2	00:12	10.02	2.68	0	08:22	1.00	0	05:08	2.00
U-495	CONDUIT	28.82	2	12:13	27.27	2	12:20	1.47	9.17	2	12:13	1.00	0	00:03	0.78
U-496	CONDUIT	31.74	2	23:58	29.11	2	17:30	20.00	7.02	2	23:58	1.00	0	00:04	2.03
U-497	CONDUIT	19.74	1	10:04	16.61	1	08:27	12.30	6.61	0	00:00	1.00	2	10:03	0.94
U-498	CONDUIT	17.97	2	20:49	16.69	0	09:32	18.34	4.86	1	10:04	1.00	1	10:04	1.38
U-5	CONDUIT	13.35	2	08:21	8.23	2	08:16	0.35	2.95	2	08:21	1.00	0	08:00	2.40
U-50	CONDUIT	2.04	2	10:09	1.46	2	09:51	21.02	2.21	2	10:09	1.00	0	21:20	1.08
U-500	CONDUIT	32.72	1	09:00	28.78	2	07:12	1.07	10.42	1	09:00	1.00	0	00:02	1.07
U-501	CONDUIT	29.40	3	05:28	27.63	2	17:19	29.97	6.50	3	05:28	1.00	0	00:04	2.27
U-502	CONDUIT	19.95	0	00:02	13.88	3	05:43	0.78	6.62	0	00:02	1.00	0	00:02	2.39
U-503	CONDUIT	15.76	2	17:26	12.37	2	16:03	0.78	5.02	2	17:26	1.00	0	06:10	1.86
U-507	CONDUIT	23.18	3	05:30	22.48	2	16:29	8.01	7.38	3	05:30	1.00	0	06:51	1.98
U-509	CONDUIT	34.97	3	05:52	28.40	2	17:21	0.40	4.35	3	05:52	1.00	0	07:14	3.20
U-513	CONDUIT	16.83	0	21:16	9.77	0	21:17	6.16	1.92	0	00:08	1.00	0	06:25	4.00
U-514	CONDUIT	7.32	3	04:59	7.02	3	05:35	1.47	5.25	3	04:59	1.00	0	06:09	1.33
U-518-NEW	CONDUIT	15.05	1	18:11	12.63	1	18:11	35.24	5.29	1	18:11	1.00	0	05:47	2.00
U-519-NEW	CONDUIT	30.93	0	23:04	29.67	0	23:05	0.56	2.46	0	23:04	1.00	0	06:32	4.00
U-522	CONDUIT	4.89	2	12:13	4.88	2	12:13	0.76	4.90	2	12:10	1.00	2	12:35	1.20
U-523	CONDUIT	20.10	3	05:41	15.46	3	04:43	11.86	4.09	3	05:41	1.00	2	06:12	2.50
U-524-NEW	CONDUIT	10.58	3	05:19	8.05	3	05:07	0.15	19.51	2	11:42	1.00	2	11:48	1.58
U-525	CONDUIT	13.50	2	13:09	7.60	2	13:09	35.04	9.67	2	13:09	1.00	2	11:41	1.24
U-526	CONDUIT	7.42	2	12:13	5.29	2	12:14	28.65	4.20	2	12:13	1.00	2	11:42	0.73
U-527	CONDUIT	4.26	2	13:08	2.95	2	12:13	29.88	3.76	2	13:08	1.00	2	11:41	0.65
U-53	CONDUIT	2.71	2	12:24	2.71	2	12:24	17.16	2.21	2	12:24	1.00	0	22:33	1.25
U-530	CONDUIT	9.29	2	11:58	8.88	2	11:59	0.27	2.05	2	11:58	1.00	1	20:11	2.40
U-531	CONDUIT	6.48	2	11:41	5.52	3	05:55	20.34	3.22	2	11:41	1.00	0	06:31	1.60
U-533	CONDUIT	11.29	2	08:22	10.49	2	12:13	1.95	5.61	2	08:22	1.00	0	05:59	1.60
U-534-NEW	CONDUIT	5.19	3	02:02	5.18	2	13:33	57.07	6.61	3	02:02	1.00	0	00:00	0.39
U-537	CONDUIT	4.34	2	14:10	4.22	2	14:14	1.39	3.84	2	14:10	1.00	0	05:59	1.20
U-538	CONDUIT	3.01	2	10:55	2.63	2	10:56	0.82	2.66	2	10:55	1.00	0	06:36	1.20
U-54	CONDUIT	4.04	2	09:54	3.32	2	12:33	18.30	3.30	2	09:54	1.00	0	22:33	1.25
U-543	CONDUIT	4.41	3	05:38	3.94	2	09:15	0.80	2.20	3	05:38	1.00	0	06:36	1.60
U-545	CONDUIT	2.10	2	13:13	2.00	2	13:14	32.22	2.68	2	13:13	1.00	0	06:45	1.00
U-547	CONDUIT	11.41	2	12:16	11.41	2	12:16	33.67	5.68	2	12:16	1.00	0	00:00	0.63
U-548	CONDUIT	4.57	3	04:48	3.40	3	03:41	0.10	2.27	3	04:48	1.00	1	09:07	1.59
U-549	CONDUIT	5.71	3	00:16	4.39	2	18:15	0.12	2.87	3	05:46	1.00	1	09:07	1.60
U-55	CONDUIT	9.75	2	10:15	6.25	2	10:17	24.94	7.95	2	10:15	1.00	0	22:33	1.25
U-550	CONDUIT	5.22	2	10:07	4.26	2	18:15	0.75	4.62	2	10:07	1.00	0	06:25	1.20
U-555	CONDUIT	2.03	0	19:45	1.84	1	12:26	0.65	1.80	0	19:45	1.00	0	06:09	1.20
U-557	CONDUIT	4.00	2	16:24	3.35	2	16:24	30.61	3.53	2	16:24	1.00	0	05:46	1.20
U-559	CONDUIT	4.26	2	16:24	3.21	2	21:31	16.74	3.77	2	16:24	1.00	0	05:46	1.20
U-56	CONDUIT	2.71	2	10:14	2.41	2	10:08	19.60	2.21	2	10:14	1.00	0	22:33	1.25
U-562	CONDUIT	3.13	2	06:55	3.06	2	06:55	25.32	2.77	2	06:55	1.00	0	05:46	1.20
U-565	CONDUIT	4.26	2	15:48	4.26	2	15:49	29.78	3.76	2	15:48	1.00	0	05:46	1.20
U-568	CONDUIT	4.30	2	14:22	4.26	2	15:49	14.22	2.14	2	14:22	1.00	0	05:53	1.60
U-569	CONDUIT	6.91	2	09:45	4.35	2	08:12	12.36	3.44	2	09:45	1.00	0	05:53	1.60
U-570	CONDUIT	7.12	2	13:14	6.69	2	13:15	1.12	3.54	2	13:14	1.00	0	05:53	1.60
U-572	CONDUIT	9.38	2	08:38	6.68	2	14:08	11.29	4.67	2	08:38	1.00	0	05:42	1.60
U-573	CONDUIT	8.31	2	13:15	8.03	2	13:16	0.63	7.34	2	13:15	1.00	0	06:58	1.02
U-574	CONDUIT	6.77	2	13:15	6.69	2	12:24	0.80	5.99	2	13:15	1.00	0	06:58	0.47
U-575	CONDUIT	6.78	2	13:14	6.69	2	12:24	0.71	8.63	2	13:14	1.00	0	00:00	0.39
U-580	CONDUIT	2.42	2	10:38	1.74	2	10:37	20.99	2.14	2	10:38	1.00	0	08:22	1.20
U-583	CONDUIT	5.05	2	04:38	3.82	2	05:16	16.33	4.46	2	04:38	1.00	0	08:21	1.20
U-584	CONDUIT	2.17	2	08:32	1.93	2	08:52	19.58	1.92	2	08:32	1.00	0	08:25	1.20

U-587	CONDUIT	12.68	2	11:14	4.83	2	09:29	15.22	6.31	2	11:14	1.00	0	08:48	1.60
U-589	CONDUIT	3.89	2	08:39	3.12	2	11:09	14.94	1.93	2	08:39	1.00	0	08:48	1.60
U-59	CONDUIT	5.79	2	10:12	4.14	3	05:53	0.06	2.26	2	08:09	1.00	2	11:36	2.00
U-590	CONDUIT	3.92	2	09:38	2.77	2	09:23	31.99	3.47	2	09:38	1.00	0	08:21	1.20
U-591	CONDUIT	3.85	2	09:07	3.37	2	09:27	33.08	3.41	2	09:07	1.00	0	08:12	1.20
U-596	CONDUIT	3.58	2	08:37	2.88	2	09:03	30.34	3.16	2	08:37	1.00	0	08:13	1.20
U-599	CONDUIT	8.23	2	09:07	5.38	2	10:09	11.84	4.10	2	09:07	1.00	0	08:49	1.60
U-60	CONDUIT	6.61	2	12:19	6.59	2	12:19	16.76	2.11	2	12:19	1.00	0	06:30	2.00
U-601	CONDUIT	3.40	2	06:59	3.19	2	09:39	27.83	3.00	2	06:59	1.00	0	08:13	1.20
U-604	CONDUIT	2.96	2	08:48	2.74	2	08:57	20.90	2.62	2	08:48	1.00	0	08:04	1.20
U-608	CONDUIT	3.91	2	10:57	3.35	2	10:32	15.74	1.95	2	10:57	1.00	0	08:43	1.60
U-609	CONDUIT	6.01	2	11:21	5.14	2	12:16	11.70	1.91	2	11:21	1.00	0	19:36	2.00
U-612	CONDUIT	9.51	2	02:09	7.85	2	04:00	7.62	3.11	2	02:09	1.00	0	10:08	2.00
U-614	CONDUIT	6.18	2	11:43	5.95	1	08:44	0.48	1.97	1	08:43	1.00	0	09:48	2.00
U-616	CONDUIT	9.34	2	11:48	9.06	2	11:49	17.71	2.97	2	11:48	1.00	0	07:45	2.00
U-618	CONDUIT	8.82	2	11:47	7.33	2	11:53	21.61	4.38	2	11:47	1.00	0	07:03	1.60
U-62	CONDUIT	4.61	2	11:38	3.41	2	05:47	20.99	4.08	2	11:38	1.00	0	05:46	1.20
U-620	CONDUIT	7.21	2	15:00	7.21	2	15:00	2.20	7.25	0	00:00	1.00	0	00:00	0.47
U-621	CONDUIT	6.84	3	03:00	6.84	3	03:00	37.33	8.07	0	00:00	1.00	0	00:01	0.47
U-623	CONDUIT	8.17	1	09:38	6.80	1	21:11	18.53	2.60	1	09:38	1.00	0	07:42	2.00
U-624	CONDUIT	12.34	1	09:30	9.77	2	07:50	11.71	3.93	1	09:30	1.00	0	07:42	2.00
U-625	CONDUIT	8.76	2	07:52	8.57	2	07:52	18.70	2.79	2	07:52	1.00	0	07:43	2.00
U-628	CONDUIT	9.30	2	08:32	7.53	1	22:09	16.02	2.96	2	08:32	1.00	0	07:43	2.00
U-629	CONDUIT	13.34	2	08:22	11.06	1	06:16	6.19	1.89	2	08:22	1.00	0	19:42	3.00
U-632	CONDUIT	5.52	2	21:48	4.50	2	20:06	5.12	2.75	2	21:48	1.00	2	11:46	1.60
U-633	CONDUIT	4.48	2	12:17	4.48	2	12:18	12.86	2.23	2	12:17	1.00	2	11:47	1.60
U-637	CONDUIT	3.29	2	19:39	2.07	2	19:35	25.88	2.91	2	19:39	1.00	2	11:41	1.20
U-64	CONDUIT	7.93	2	07:46	6.83	2	08:28	20.60	7.01	2	07:46	1.00	0	01:32	1.20
U-640	CONDUIT	2.82	2	11:48	2.16	2	21:25	23.41	2.49	2	11:48	1.00	2	11:39	1.20
U-643	CONDUIT	2.85	2	15:40	2.38	2	21:20	26.05	2.52	2	15:40	1.00	2	11:38	1.20
U-646	CONDUIT	6.03	2	12:25	6.03	2	12:25	31.61	5.34	2	12:25	1.00	0	00:02	1.05
U-648	CONDUIT	6.03	2	12:25	6.03	2	12:25	26.76	5.34	2	12:25	1.00	0	00:02	1.05
U-649	CONDUIT	6.03	2	12:25	6.03	2	12:25	37.27	5.34	2	12:25	1.00	0	00:02	0.47
U-651	CONDUIT	11.37	0	00:00	9.32	2	12:15	18.40	12.33	0	00:00	1.00	0	00:00	0.47
U-652	CONDUIT	11.93	0	00:00	9.21	0	00:02	39.07	10.58	0	00:00	1.00	0	00:00	0.47
U-653	CONDUIT	4.37	0	00:02	3.73	2	13:15	34.34	3.86	0	00:02	1.00	0	00:02	0.84
U-656	CONDUIT	3.47	0	00:03	3.09	0	00:04	29.21	4.62	0	00:02	1.00	0	00:04	1.17
U-657	CONDUIT	2.66	0	00:05	2.23	0	00:05	23.69	2.50	0	00:05	1.00	0	00:05	1.20
U-659-NEW	CONDUIT	9.20	0	00:00	6.68	2	12:15	33.24	5.43	0	00:00	1.00	0	00:00	0.59
U-66	CONDUIT	3.06	1	16:40	2.63	1	19:27	24.93	2.70	1	16:40	1.00	0	01:30	1.20
U-663	CONDUIT	7.26	3	04:46	6.44	3	04:47	57.76	6.42	3	04:46	1.00	1	03:28	1.20
U-668	CONDUIT	6.53	2	15:33	5.91	2	12:15	51.99	5.85	2	15:33	1.00	1	07:03	1.20
U-671	CONDUIT	6.02	2	15:51	5.59	2	15:51	51.55	5.46	2	15:51	1.00	1	01:12	1.20
U-674	CONDUIT	6.18	2	14:16	5.11	2	15:50	22.26	3.07	2	14:16	1.00	2	11:53	1.60
U-675	CONDUIT	15.26	2	14:28	10.04	3	04:46	39.34	7.59	2	14:28	1.00	2	07:13	1.60
U-678	CONDUIT	11.15	3	04:46	9.83	3	04:46	34.18	5.55	3	04:46	1.00	1	02:49	1.60
U-68	CONDUIT	3.14	1	11:03	3.11	1	11:03	27.25	2.78	1	11:03	1.00	0	01:16	1.20
U-681	CONDUIT	36.77	3	04:52	36.76	3	04:52	57.32	18.29	3	04:52	1.00	0	17:44	1.60
U-682	CONDUIT	82.78	3	04:45	77.15	3	04:46	157.51	> 50.0	3	04:45	1.00	0	17:24	1.25
U-684	CONDUIT	8.92	0	15:04	7.45	2	05:46	2.85	7.26	0	15:04	1.00	0	00:53	1.25
U-685	CONDUIT	8.88	0	15:04	7.51	2	05:46	30.26	7.24	0	15:04	1.00	0	01:08	1.25
U-686	CONDUIT	6.16	2	06:39	5.68	0	08:35	41.77	5.02	2	06:39	1.00	0	01:08	1.25
U-687	CONDUIT	12.89	2	07:04	12.13	2	07:50	8.85	2.85	2	07:04	1.00	0	04:25	2.40
U-688	CONDUIT	9.07	1	12:26	6.92	1	10:12	8.73	2.00	1	12:26	1.00	0	04:25	2.40
U-690	CONDUIT	1.69	2	10:15	1.45	2	10:13	19.86	2.16	2	10:15	1.00	0	20:42	1.00
U-694	CONDUIT	2.41	2	10:08	1.60	2	10:01	27.90	3.06	2	10:08	1.00	0	20:42	1.00
U-695	CONDUIT	6.42	2	11:32	4.43	2	11:35	6.21	1.42	2	11:32	1.00	1	06:48	2.40
U-696	CONDUIT	8.28	2	10:29	4.87	2	08:53	13.64	4.12	2	10:29	1.00	1	01:09	1.60
U-70	CONDUIT	4.04	1	08:18	2.93	0	19:48	20.60	3.58	1	08:18	1.00	0	01:02	1.20
U-701	CONDUIT	8.76	1	08:59	7.44	1	09:00	0.14	2.79	1	08:59	1.00	0	06:44	2.00

U-704	CONDUIT	3.23	2	10:49	3.08	2	12:51	14.68	1.83	2	10:49	1.00	0	06:06	1.50
U-706	CONDUIT	6.44	2	12:06	6.29	2	12:07	0.15	5.25	2	12:06	1.00	2	09:41	1.25
U-707	CONDUIT	5.41	2	08:47	5.21	2	12:15	6.94	1.72	2	08:47	1.00	0	16:51	2.00
U-708	CONDUIT	8.68	3	05:56	7.64	3	05:29	17.16	2.76	3	05:56	1.00	0	06:30	2.00
U-71	CONDUIT	3.98	1	21:12	2.83	1	07:10	23.28	3.52	1	21:12	1.00	0	00:57	1.20
U-710	CONDUIT	16.37	3	03:54	14.07	3	05:00	6.52	5.21	3	03:54	1.00	0	06:30	2.00
U-711	CONDUIT	14.67	3	03:46	13.08	3	03:09	9.54	3.24	3	03:46	1.00	0	06:38	2.40
U-717	CONDUIT	19.25	3	00:22	15.55	3	01:21	12.09	4.25	3	00:22	1.00	0	04:24	2.40
U-718	CONDUIT	14.54	3	01:11	14.41	3	01:11	15.85	3.22	3	01:11	1.00	0	04:25	2.40
U-719	CONDUIT	27.67	3	00:02	18.07	2	23:09	4.90	2.40	3	00:02	1.00	0	06:30	3.83
U-720	CONDUIT	7.18	3	05:47	6.48	0	22:04	54.27	9.14	3	05:47	1.00	0	00:09	1.00
U-721-NEW	CONDUIT	12.04	1	21:59	9.07	1	11:10	23.40	5.99	1	21:59	1.00	0	00:03	1.57
U-725	CONDUIT	8.55	2	11:33	7.44	2	11:34	14.22	4.25	2	11:33	1.00	0	06:31	1.60
U-727	CONDUIT	4.95	2	11:56	4.84	3	05:04	23.70	4.38	2	11:56	1.00	2	11:56	1.20
U-729	CONDUIT	5.74	3	05:20	4.72	3	05:41	41.35	7.37	3	05:20	1.00	2	10:30	1.00
U-73	CONDUIT	4.14	1	08:55	3.20	2	01:07	18.06	3.66	1	08:55	1.00	0	00:48	1.20
U-731	CONDUIT	4.55	3	05:13	4.11	3	05:20	45.63	5.79	3	05:13	1.00	0	18:28	1.00
U-732	CONDUIT	8.09	2	00:10	4.73	3	05:21	34.02	10.30	2	00:10	1.00	0	18:28	1.00
U-734	CONDUIT	5.63	1	16:37	4.69	1	17:40	48.57	7.17	1	16:37	1.00	0	20:00	1.00
U-736	CONDUIT	6.28	1	18:51	5.14	2	09:19	52.80	7.99	1	18:51	1.00	0	22:46	1.00
U-738	CONDUIT	4.77	2	08:51	4.01	2	13:12	47.60	6.12	2	08:51	1.00	1	07:50	1.00
U-74	CONDUIT	5.82	2	09:03	3.31	2	09:46	19.83	5.14	2	09:03	1.00	0	00:45	1.20
U-740	CONDUIT	4.69	2	13:12	3.82	2	13:11	30.84	5.97	2	13:12	1.00	0	21:51	1.00
U-741	CONDUIT	2.39	2	11:58	1.58	2	12:01	23.27	3.48	2	11:58	1.00	2	10:04	1.00
U-743	CONDUIT	2.22	2	13:13	1.81	2	19:41	19.32	2.99	2	19:41	1.00	2	11:51	1.00
U-745	CONDUIT	2.99	2	11:56	2.30	2	13:13	26.82	3.81	2	11:56	1.00	2	11:51	1.00
U-747	CONDUIT	2.45	2	12:32	2.09	2	11:52	25.70	3.22	2	13:11	1.00	2	11:56	1.00
U-749	CONDUIT	3.43	2	11:47	3.22	2	11:47	32.47	4.62	2	11:47	1.00	2	11:47	1.00
U-75	CONDUIT	4.07	1	07:58	3.85	1	09:37	21.67	3.60	1	07:58	1.00	0	00:45	1.20
U-751	CONDUIT	3.98	2	11:47	2.14	2	17:10	25.32	5.22	2	11:47	1.00	1	20:58	1.00
U-753	CONDUIT	3.22	2	16:51	2.19	2	23:45	23.59	4.39	2	16:51	1.00	1	16:15	1.00
U-755	CONDUIT	4.37	2	17:37	3.62	2	18:03	23.59	3.91	2	19:01	1.00	2	09:57	1.20
U-763	CONDUIT	4.29	2	12:15	4.29	2	12:15	26.06	3.80	2	12:15	1.00	2	11:50	1.20
U-766	CONDUIT	4.30	2	12:15	4.29	2	12:15	13.00	2.14	2	12:15	1.00	2	11:59	1.60
U-769	CONDUIT	7.79	2	12:15	7.79	2	12:15	26.05	3.87	2	12:15	1.00	2	12:06	1.60
U-77	CONDUIT	4.65	3	05:50	3.91	3	04:37	30.53	4.11	3	05:50	1.00	0	00:40	1.20
U-772	CONDUIT	7.79	2	12:15	7.78	2	12:15	22.18	3.98	2	12:15	0.94	2	12:15	1.60
U-775	CONDUIT	8.75	2	12:15	8.72	2	12:15	6.19	3.36	2	12:15	0.56	2	12:15	2.40
U-778	CONDUIT	8.71	2	13:15	8.36	2	11:56	76.18	7.78	2	13:15	1.00	2	12:04	1.20
U-783	CONDUIT	4.00	2	18:03	3.14	2	10:58	22.50	3.54	2	18:03	1.00	2	06:55	1.20
U-786	CONDUIT	3.96	2	17:48	3.01	2	11:59	14.77	1.97	2	17:48	1.00	2	08:18	1.60
U-789	CONDUIT	7.56	2	13:14	5.46	2	11:51	19.67	3.76	2	13:14	1.00	2	08:18	1.60
U-792	CONDUIT	7.09	2	13:15	5.31	2	13:17	25.62	3.53	2	13:15	1.00	2	08:18	1.60
U-795	CONDUIT	12.74	2	09:49	9.18	2	09:46	4.84	2.95	2	09:49	1.00	2	10:04	2.40
U-796	CONDUIT	6.85	2	16:24	6.59	2	18:09	59.80	6.06	2	16:24	1.00	2	06:55	1.20
U-8	CONDUIT	12.37	2	08:21	8.71	2	08:16	0.52	3.94	2	08:21	1.00	0	07:42	2.00
U-801	CONDUIT	3.58	2	11:17	3.13	2	07:50	19.75	3.16	2	11:17	1.00	1	10:24	1.20
U-804	CONDUIT	3.78	2	11:28	2.96	2	10:07	13.89	1.88	2	11:28	1.00	2	06:57	1.60
U-807	CONDUIT	4.94	3	00:50	3.99	2	11:10	14.70	2.46	3	00:50	1.00	2	06:57	1.60
U-81	CONDUIT	4.56	3	05:58	3.75	3	04:08	23.03	4.03	3	05:58	1.00	0	00:36	1.20
U-810	CONDUIT	4.71	2	10:31	3.35	2	11:40	15.68	2.34	2	10:31	1.00	2	06:57	1.60
U-811	CONDUIT	13.81	2	23:07	11.81	2	23:08	9.95	4.40	2	23:07	1.00	2	07:18	2.00
U-815	CONDUIT	7.67	3	02:12	7.46	3	01:37	13.08	2.44	3	02:12	1.00	2	07:10	2.00
U-816	CONDUIT	7.87	3	01:45	6.48	3	01:37	44.30	6.96	3	01:45	1.00	1	10:20	1.20
U-82	CONDUIT	3.04	3	05:58	2.52	2	11:10	24.48	2.69	3	05:58	1.00	0	00:33	1.20
U-820	CONDUIT	6.35	3	02:27	5.77	3	02:20	32.74	5.62	3	02:27	1.00	1	10:08	1.20
U-823	CONDUIT	5.71	3	02:02	4.21	3	02:02	19.10	2.84	3	02:02	1.00	2	06:52	1.60
U-826	CONDUIT	6.21	3	01:19	5.55	3	01:43	21.34	3.09	3	01:19	1.00	2	06:51	1.60
U-829	CONDUIT	6.72	3	01:41	5.49	3	00:34	22.54	3.34	3	01:41	1.00	2	06:51	1.60
U-83	CONDUIT	4.12	3	03:38	3.04	3	05:00	27.55	3.64	3	03:38	1.00	0	00:29	1.19

U-832	CONDUIT	10.74	3	02:27	7.29	2	09:09	12.05	5.34	3	02:27	1.00	2	06:52	1.60
U-833	CONDUIT	9.99	2	09:40	6.83	2	08:21	8.10	2.63	1	15:04	1.00	2	07:20	2.40
U-834-EAC	CONDUIT	23.59	0	06:49	21.50	0	06:49	6.02	3.34	0	06:49	1.00	0	05:58	3.00
U-835	CONDUIT	10.97	0	08:47	9.57	2	06:15	1.04	3.49	0	08:47	1.00	0	05:08	2.00
U-837	CONDUIT	18.13	1	23:05	12.43	0	07:47	1.76	5.77	1	23:05	1.00	0	05:14	2.00
U-838	CONDUIT	12.46	2	18:16	9.56	2	22:26	12.79	4.76	0	06:26	1.00	0	06:44	1.99
U-839	CONDUIT	10.00	2	18:00	8.87	2	17:44	15.24	3.18	2	18:00	1.00	0	06:44	2.00
U-840	CONDUIT	10.54	2	11:59	9.44	2	11:59	14.70	3.35	2	11:59	1.00	0	06:44	2.00
U-841	CONDUIT	15.46	0	10:05	12.08	2	23:04	6.20	3.42	0	10:05	1.00	0	06:45	2.40
U-842	CONDUIT	7.45	2	18:25	6.56	2	13:05	36.00	6.26	2	18:25	1.00	0	06:40	1.25
U-846	CONDUIT	2.19	2	11:48	2.19	2	11:49	0.82	2.78	2	11:29	1.00	2	11:48	1.25
U-847	CONDUIT	2.19	2	11:48	2.18	2	11:49	1.01	3.03	2	11:29	1.00	2	12:01	1.25
U-848	CONDUIT	3.33	2	11:24	2.53	2	10:12	23.99	3.41	2	11:24	1.00	0	16:07	1.20
U-851	CONDUIT	2.65	2	09:46	2.13	2	09:19	23.26	2.34	2	09:46	1.00	0	08:28	1.20
U-852	CONDUIT	2.96	2	10:28	2.83	2	10:08	18.01	2.62	2	10:28	1.00	0	08:28	1.20
U-854	CONDUIT	5.23	2	08:45	2.86	2	10:14	10.82	2.60	2	08:45	1.00	0	08:55	1.60
U-856	CONDUIT	6.39	2	11:34	3.99	2	11:07	9.79	3.18	2	11:34	1.00	0	08:55	1.60
U-858	CONDUIT	4.68	2	09:54	4.40	2	09:54	13.81	2.33	2	09:54	1.00	0	08:57	1.60
U-860	CONDUIT	3.18	2	09:18	3.04	2	12:41	12.82	1.58	2	09:18	1.00	0	08:57	1.60
U-863	CONDUIT	4.27	2	08:48	3.89	2	08:49	13.89	2.41	2	08:48	1.00	0	08:43	1.50
U-864	CONDUIT	15.32	2	11:41	8.63	0	13:30	0.86	3.39	2	11:41	1.00	0	04:50	2.40
U-865	CONDUIT	11.80	2	06:39	11.04	2	06:39	0.66	2.61	2	06:39	1.00	0	04:50	2.40
U-866	CONDUIT	6.61	2	11:17	5.04	2	11:18	37.62	5.84	2	11:17	1.00	0	01:08	1.20
U-867	CONDUIT	5.36	2	12:15	5.36	2	12:15	2.33	6.82	2	12:15	1.00	0	00:00	0.39
U-868	CONDUIT	9.74	2	12:15	9.74	2	12:15	3.00	8.61	2	12:15	1.00	0	00:00	0.47
U-869	CONDUIT	11.11	0	00:00	4.97	0	00:01	3.79	5.70	0	00:00	1.00	0	00:00	0.63
U-871	CONDUIT	11.87	0	00:00	8.86	2	12:15	1.56	6.10	0	00:00	1.00	0	00:00	0.63
U-872	CONDUIT	12.84	2	06:36	11.10	2	06:36	5.65	3.27	0	00:00	1.00	0	00:00	1.60
U-874-NEW	CONDUIT	4.94	0	00:00	3.10	2	12:21	15.69	6.39	0	00:00	1.00	0	00:00	0.47
U-875	CONDUIT	14.10	1	21:02	14.00	1	08:46	1.30	7.01	1	21:02	1.00	0	05:19	0.63
U-878	CONDUIT	11.04	2	17:44	10.23	2	17:45	38.41	5.49	2	17:44	1.00	0	00:05	1.53
U-879	CONDUIT	12.42	1	20:13	9.70	2	19:57	44.50	6.17	1	20:13	1.00	0	00:04	1.60
U-88	CONDUIT	7.73	2	11:02	4.87	3	02:32	25.20	5.54	2	11:02	1.00	0	00:30	1.32
U-880	CONDUIT	23.62	2	09:36	16.06	2	07:12	0.62	6.39	2	09:36	1.00	0	00:05	2.40
U-885	CONDUIT	18.41	0	00:00	5.92	3	05:53	25.59	9.16	0	00:00	1.00	0	00:00	0.63
U-90	CONDUIT	7.77	2	16:38	7.04	2	17:14	32.47	5.57	2	16:38	1.00	0	04:19	1.32
U-91	CONDUIT	6.33	2	08:20	4.68	2	09:32	36.72	5.60	2	08:20	1.00	0	07:17	1.20
U-92	CONDUIT	12.73	2	11:58	9.22	2	12:10	11.76	4.70	2	06:19	1.00	2	07:58	2.00
U-96	CONDUIT	7.65	2	20:16	6.41	3	01:27	35.83	5.48	2	20:16	1.00	0	08:00	1.03
U-97	CONDUIT	7.27	2	08:20	5.81	3	01:28	46.02	6.57	2	08:20	1.00	0	07:14	0.97
U-98	CONDUIT	9.13	0	09:13	8.18	3	04:50	14.62	8.08	0	09:13	1.00	0	00:03	1.19
U-99	CONDUIT	6.98	2	13:15	6.81	2	13:15	32.03	5.00	2	13:15	1.00	0	00:03	1.20
PS-HC1-LAG	PUMP	8.00	0	08:01	8.00	0	08:22	1.00							
PS-HC1-LEAD	PUMP	8.00	0	08:01	8.00	0	08:22	1.00							
W-WELL3D-NEW	WEIR	143.36	3	05:44	88.13	3	02:52					1.00	2	12:49	
W-WELL4-11-NEW	WEIR	3.10	2	12:20	3.10	2	12:21					0.09	2	17:51	
W-WELL6A-NEW	WEIR	14.05	2	04:03	12.90	1	23:07					0.57	2	00:31	
W-WELL6D-NEW	WEIR	0.00	0	00:00	0.00	0	00:00					0.00	0	00:00	
W-WELL7D-NEW	WEIR	37.59	2	20:47	30.71	2	20:46					1.00	2	20:37	
W1-10-NEW	WEIR	22.01	2	08:59	12.51	2	09:40					0.57	2	09:01	
W1-26-NEW	WEIR	95.40	2	15:21	49.11	2	17:22					1.00	2	07:41	
W3-56-NEW	WEIR	52.91	2	11:08	16.19	2	09:40					1.00	2	08:08	
W5-2-NEW	WEIR	11.72	0	08:24	6.70	2	12:15					0.41	2	09:05	
W6A-26-NEW	WEIR	5.63	2	13:56	5.63	2	14:00					0.23	2	13:56	
WA-10	WEIR	42.62	2	17:51	28.67	2	12:27					1.00	2	11:50	
WA-4-NEW	WEIR	143.43	2	08:55	98.23	2	07:28					1.00	0	06:30	
WEIR-11	WEIR	6.99	2	15:25	4.55	2	12:31					0.40	2	16:17	
WEIR-13	WEIR	5.35	2	18:01	4.38	2	18:01					0.32	2	21:01	
WEIR-15	WEIR	6.05	2	23:31	4.69	2	12:27					0.36	2	23:33	
WEIR-17	WEIR	25.19	3	01:59	20.49	3	03:05					0.93	3	02:14	

WEIR-19	WEIR	5.95	2	20:47	4.92	2	15:21	0.49	2	17:51
WEIR-21	WEIR	1.98	2	12:15	1.97	2	12:15	0.11	2	12:17
WEIR-23	WEIR	5.75	2	12:15	5.71	2	12:15	0.19	2	12:17
WEIR-25	WEIR	3.65	2	12:58	3.65	2	12:58	0.14	2	12:58
WEIR-27	WEIR	0.42	2	09:01	0.33	2	12:51	0.05	2	09:01
WEIR-29	WEIR	2.51	2	13:04	2.51	2	13:04	0.11	2	13:03
WEIR-3	WEIR	8.62	2	21:50	5.76	2	22:27	0.45	2	16:55
WEIR-31	WEIR	2.15	2	14:16	2.15	2	14:16	0.20	2	18:40
WEIR-33	WEIR	3.78	2	12:15	3.78	2	12:16	0.31	2	16:56
WEIR-35	WEIR	1.62	2	16:45	1.33	2	12:20	0.23	2	16:45
WEIR-37	WEIR	5.49	2	23:32	4.21	2	23:31	0.23	3	05:43
WEIR-39	WEIR	6.01	3	04:31	4.79	2	12:08	0.28	2	23:31
WEIR-41	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-43	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-45	WEIR	2.92	2	11:47	2.83	2	11:47	0.24	2	16:44
WEIR-47	WEIR	2.06	2	16:08	1.55	2	22:02	0.21	2	18:13
WEIR-49	WEIR	5.99	2	12:18	5.98	2	12:19	0.46	2	21:06
WEIR-5	WEIR	7.88	2	17:38	5.42	2	22:27	0.45	2	16:55
WEIR-51	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-53	WEIR	7.12	2	16:45	5.25	2	12:02	0.91	2	18:10
WEIR-55	WEIR	0.60	2	20:37	0.48	2	20:46	0.11	2	18:29
WEIR-57	WEIR	7.36	2	21:19	5.54	2	22:27	0.44	2	21:49
WEIR-59	WEIR	6.58	2	21:59	4.88	2	20:25	0.42	2	17:58
WEIR-61	WEIR	3.76	2	12:19	3.76	2	12:19	0.27	2	17:45
WEIR-63	WEIR	9.27	2	23:03	7.88	2	20:46	1.00	2	07:46
WEIR-65	WEIR	4.01	3	05:02	4.00	3	05:03	0.15	3	05:02
WEIR-67	WEIR	16.87	3	04:46	15.82	2	11:56	0.63	3	05:13
WEIR-69	WEIR	9.64	3	02:17	7.31	3	01:56	0.36	2	13:36
WEIR-7	WEIR	7.82	2	17:34	4.49	2	20:25	0.43	2	17:02
WEIR-71	WEIR	2.13	2	18:12	2.13	2	18:13	0.21	2	14:58
WEIR-73	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-75	WEIR	1.17	2	12:46	1.16	2	12:46	0.37	2	12:52
WEIR-77	WEIR	3.54	3	00:02	3.27	2	17:53	0.18	2	23:50
WEIR-79	WEIR	3.99	2	14:31	3.99	2	14:31	0.17	2	15:09
WEIR-81	WEIR	3.72	3	04:26	2.22	2	15:05	0.17	3	04:26
WEIR-83	WEIR	13.89	2	20:55	8.29	3	01:36	0.60	2	21:46
WEIR-85	WEIR	16.52	2	23:56	9.04	3	03:05	0.74	2	23:33
WEIR-87	WEIR	18.82	2	23:56	10.54	2	22:27	0.74	2	23:33
WEIR-9	WEIR	9.31	2	16:45	4.66	2	22:27	0.51	2	16:44
WEIR-J-748	WEIR	62.09	2	06:36	40.92	1	13:47	1.00	0	05:06
WEIR-J-754-STANTECT	WEIR	98.05	2	08:43	69.09	1	13:06	1.00	0	04:52
WEIR-J-799-EAC	WEIR	2.16	3	02:53	2.15	3	02:46	1.00	0	06:03
CDT-19	DUMMY	4.62	2	07:12	4.62	2	09:38			
CDT-21	DUMMY	2.84	1	15:37	2.84	2	09:23			
CDT-23	DUMMY	1.41	0	05:46	1.41	0	19:30			
CDT-25	DUMMY	3.85	2	06:16	3.85	2	06:18			
CDT-27	DUMMY	2.06	0	07:17	2.06	2	07:05			
CDT-29	DUMMY	1.44	0	10:49	1.44	1	06:26			
CDT-31	DUMMY	2.27	0	16:12	2.27	1	00:54			
CDT-33	DUMMY	1.95	1	09:28	1.95	1	11:40			
CDT-35	DUMMY	0.00	0	00:00	0.00	0	00:00			
CDT-37	DUMMY	3.79	1	06:08	3.80	2	07:49			
CDT-39	DUMMY	2.27	0	08:46	2.27	2	08:12			
CDT-41	DUMMY	1.90	1	20:31	1.90	2	06:13			
CDT-43	DUMMY	0.63	0	19:59	0.63	1	08:00			
CDT-45	DUMMY	1.21	0	09:30	1.21	0	21:07			
CDT-47	DUMMY	1.28	2	11:34	1.28	2	11:35			
CDT-49	DUMMY	1.28	0	06:20	1.28	0	06:50			
CDT-51	DUMMY	1.28	0	07:06	1.28	0	07:21			
CDT-53	DUMMY	3.30	0	00:00	3.30	0	00:05			

CDT-55	DUMMY	1.90	2	00:20	1.90	2	10:48
CDT-57	DUMMY	1.28	0	17:28	1.28	1	01:32
CDT-59	DUMMY	2.84	2	08:28	2.84	2	11:58
CDT-61	DUMMY	1.28	0	16:23	1.28	0	17:22
CDT-63	DUMMY	2.84	1	12:07	2.84	1	23:11
J33A_OUTFALL	DUMMY	2.82	2	06:46	2.82	2	08:23
J567_OUTFALL	DUMMY	2.82	2	11:29	2.82	2	11:35
U-331	DUMMY	1.70	0	07:45	1.70	1	01:27
W-ENID-DRIVE	DUMMY	3.79	0	05:14	3.80	0	06:11
WELL-W-MCINTYRE	DUMMY	3.79	0	06:08	3.80	0	06:56

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
		---------- Fraction of Time in Flow Class ----------								
C-WELL3W	1.25	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C-WELL4E	1.41	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-101	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-103	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-105	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-107	2.11	0.27	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.00
CDT-109	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-11	1.00	0.02	0.01	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-111	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-113	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-115	2.44	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-121	70.04	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-123	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-125	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-173	5.03	0.05	0.00	0.00	0.35	0.00	0.00	0.59	0.01	0.00
CDT-175	5.03	0.06	0.00	0.00	0.39	0.00	0.00	0.55	0.01	0.00
CDT-177	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-179	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-181	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-183	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-185	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-187	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-189	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-191	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-193	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-195	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-197	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-199	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-201	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-205	35.11	0.00	0.77	0.00	0.23	0.00	0.00	0.00	0.00	0.00
CDT-207	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-209	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-211	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-213	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-215	35.11	0.00	0.74	0.00	0.26	0.00	0.00	0.00	0.02	0.00
CDT-217	37.56	0.00	0.78	0.00	0.22	0.00	0.00	0.00	0.00	0.00
CDT-219	35.11	0.00	0.78	0.00	0.22	0.00	0.00	0.00	0.00	0.00
CDT-221	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-223	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-225	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-227	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-229	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-231	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-233	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-235	35.11	0.00	0.77	0.00	0.23	0.00	0.00	0.00	0.01	0.00
CDT-237	40.98	0.00	0.77	0.00	0.23	0.00	0.00	0.00	0.01	0.00
CDT-239	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-241	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-243	40.98	0.00	0.77	0.00	0.23	0.00	0.00	0.00	0.01	0.00
CDT-245	40.98	0.00	0.77	0.00	0.23	0.00	0.00	0.00	0.01	0.00
CDT-247	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-249	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-251	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-253	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-255	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-257	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-259	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-261	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-263	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-265	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-267	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-269	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-271	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-273	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-275	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-277	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-279	35.11	0.05	0.42	0.00	0.53	0.00	0.00	0.00	0.37	0.00
CDT-281	35.11	0.02	0.78	0.00	0.20	0.00	0.00	0.00	0.00	0.00
CDT-283	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

CDT-285	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-287	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-289	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-291	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-293	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-295	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-297	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-299	3.52	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-439	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.00	0.00
CDT-525	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-539	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-87	14.60	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
CDT-91	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-93	2.11	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-95	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-97	2.11	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-99	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J-963_OUTFALL	1.45	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J561_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J575_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J920_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
LINK-WELL-2	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-102	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-104	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-105	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-11	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-113	1.00	0.03	0.00	0.00	0.95	0.00	0.00	0.02	0.00	0.00
U-114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-118	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-122	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-125	1.00	0.04	0.00	0.00	0.95	0.00	0.01	0.01	0.00	0.00
U-129	1.20	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-141	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.04
U-150	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-153	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-155	1.34	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-161	1.00	0.08	0.00	0.00	0.82	0.00	0.00	0.11	0.00	0.00
U-165	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-167	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-17	1.62	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-172	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-176	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-177	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-181	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-184	1.00	0.03	0.00	0.00	0.94	0.00	0.00	0.03	0.00	0.00
U-186	1.00	0.04	0.00	0.00	0.60	0.00	0.01	0.35	0.00	0.03
U-191	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-193	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-195	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-197	1.18	0.01	0.00	0.00	0.96	0.00	0.03	0.00	0.00	0.00
U-199	1.00	0.04	0.00	0.00	0.88	0.00	0.00	0.08	0.00	0.03
U-20	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-200	1.00	0.05	0.00	0.00	0.94	0.00	0.00	0.01	0.00	0.01
U-201	1.00	0.05	0.00	0.00	0.80	0.00	0.00	0.15	0.00	0.05
U-202	1.00	0.06	0.00	0.00	0.84	0.00	0.04	0.07	0.00	0.04
U-203	1.00	0.01	0.00	0.00	0.94	0.00	0.05	0.00	0.00	0.00
U-204	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-206	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-207	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-208	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-211	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-213	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-214	1.06	0.00	0.65	0.00	0.35	0.00	0.00	0.00	0.00	0.79
U-22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-220	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-221	1.57	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-227	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-228	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-231	1.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-232	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.12
U-233	1.00	0.03	0.00	0.00	0.85	0.00	0.00	0.12	0.00	0.00
U-237	1.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-239	1.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-240	1.00	0.00	0.00	0.00	0.92	0.00	0.00	0.07	0.00	0.00
U-242	1.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-244	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-245	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-249	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-25	1.78	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-253	1.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-254	1.28	0.06	0.00	0.00	0.88	0.00	0.02	0.04	0.00	0.02
U-256	1.30	0.04	0.00	0.00	0.94	0.00	0.00	0.02	0.00	0.00
U-259	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-260	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-261	1.00	0.16	0.00	0.00	0.31	0.00	0.00	0.54	0.00	0.30
U-262-NEW	1.40	0.04	0.00	0.00	0.28	0.00	0.01	0.67	0.01	0.00
U-263	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	0.00	0.35
U-265	1.72	0.15	0.00	0.00	0.66	0.00	0.00	0.19	0.00	0.78
U-267	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-270	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-271	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-274	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-277	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-280	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-286	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-289	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-290	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-291	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-293	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-294	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-295	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-298	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-299	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-300	1.02	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-304	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
U-309	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-312	1.00	0.17	0.00	0.00	0.39	0.00	0.06	0.38	0.00	0.01
U-315	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-316	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-319	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-322	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-325	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.00
U-327	1.00	0.01	0.00	0.00	0.66	0.00	0.00	0.32	0.00	0.00
U-328	1.00	0.01	0.00	0.00	0.94	0.00	0.00	0.05	0.00	0.00
U-330	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-332	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.01
U-335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-337	1.13	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-344	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-345	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-346	1.01	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-347	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-348	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-35	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-351	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-352	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-353	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-354	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-357	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-358	1.00	0.00	0.00	0.00	0.89	0.00	0.00	0.11	0.00	0.05
U-364	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-364A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-366	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-37	1.35	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-372	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-373	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-376	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-379	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-38	1.59	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-382	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-385	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-386	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-388	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-390	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-391	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.01
U-392	1.79	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-394	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-397	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-398	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-399	1.00	0.00	0.00	0.00	0.88	0.00	0.00	0.12	0.00	0.00
U-402	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-404	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-406	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-407	1.00	0.05	0.00	0.00	0.94	0.00	0.00	0.01	0.00	0.00
U-408	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-409	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-411	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-412	1.00	0.16	0.14	0.00	0.50	0.00	0.19	0.02	0.00	0.06
U-413	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-414	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-415	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-417	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-418	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-419	1.55	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-421	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-428	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-430	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-434	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-437	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-439	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-44	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-440	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-441	1.00	0.01	0.02	0.00	0.85	0.00	0.00	0.12	0.00	0.00
U-443	1.00	0.03	0.00	0.00	0.75	0.00	0.00	0.22	0.00	0.03
U-445	1.00	0.03	0.00	0.00	0.91	0.00	0.00	0.05	0.00	0.01
U-447	2.20	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-448	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-449	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.01	0.00	0.00
U-45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-450	1.00	0.03	0.00	0.00	0.89	0.00	0.00	0.07	0.00	0.02
U-451	1.00	0.03	0.00	0.00	0.87	0.00	0.00	0.09	0.00	0.04
U-452	1.00	0.03	0.00	0.00	0.90	0.00	0.00	0.06	0.00	0.01
U-454	1.00	0.03	0.00	0.00	0.87	0.00	0.01	0.09	0.00	0.13
U-456	1.62	0.03	0.00	0.00	0.73	0.00	0.01	0.23	0.00	0.19
U-463	1.00	0.00	0.03	0.00	0.71	0.00	0.04	0.21	0.00	0.23
U-464	1.00	0.00	0.00	0.00	0.86	0.00	0.00	0.13	0.00	0.07
U-466	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-468	2.01	0.00	0.04	0.00	0.95	0.00	0.00	0.00	0.00	0.21
U-468-NEW	1.00	0.04	0.00	0.00	0.89	0.00	0.00	0.07	0.01	0.00
U-469	1.32	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-48	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-483	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-486	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-489	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.22
U-492	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-495	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-496	1.00	0.00	0.00	0.00	0.94	0.00	0.00	0.06	0.00	0.05
U-497	1.00	0.00	0.00	0.00	0.59	0.00	0.00	0.41	0.00	0.40
U-498	1.00	0.00	0.00	0.00	0.04	0.00	0.00	0.96	0.00	0.74
U-5	2.12	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.05
U-50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-500	3.06	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-501	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-502	1.29	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-503	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.09
U-507	1.00	0.00	0.00	0.00	0.82	0.00	0.00	0.17	0.00	0.04
U-509	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07

U-513	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-514	1.00	0.00	0.00	0.00	0.94	0.00	0.02	0.03	0.00	0.07
U-518-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-519-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-522	1.00	0.20	0.02	0.00	0.18	0.00	0.59	0.00	0.00	0.00
U-523	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-524-NEW	8.39	0.80	0.00	0.00	0.20	0.00	0.00	0.00	0.02	0.00
U-525	1.00	0.80	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.01
U-526	1.00	0.80	0.00	0.00	0.18	0.00	0.01	0.00	0.00	0.00
U-527	1.00	0.80	0.00	0.00	0.18	0.00	0.01	0.00	0.00	0.00
U-53	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-530	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-531	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-533	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.06
U-534-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-537	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-538	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-54	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-545	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-547	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-548	4.71	0.00	0.05	0.00	0.91	0.00	0.04	0.00	0.00	0.02
U-549	4.50	0.04	0.01	0.00	0.93	0.00	0.02	0.00	0.00	0.17
U-55	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-550	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-555	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-559	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-56	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-562	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-565	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-568	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-569	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-570	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.02
U-572	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-573	1.03	0.00	0.02	0.00	0.95	0.00	0.03	0.00	0.00	0.31
U-574	1.43	0.00	0.02	0.00	0.95	0.00	0.02	0.01	0.00	0.22
U-575	1.93	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-580	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-583	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-584	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-587	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-589	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-59	7.04	0.00	0.21	0.00	0.21	0.00	0.58	0.00	0.00	0.00
U-590	1.00	0.00	0.00	0.00	0.97	0.00	0.02	0.00	0.00	0.00
U-591	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-596	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-599	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-60	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-601	1.00	0.00	0.00	0.00	0.97	0.00	0.02	0.00	0.00	0.00
U-604	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-608	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-609	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-612	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-614	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-616	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-618	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-620	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-621	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-623	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-625	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-628	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-629	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-632	1.97	0.01	0.00	0.00	0.89	0.10	0.00	0.00	0.00	0.63
U-633	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-637	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-64	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-640	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-643	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-646	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-648	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-649	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-651	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-652	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-653	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-656	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-657	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-659-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-66	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-663	1.00	0.09	0.00	0.00	0.87	0.00	0.00	0.04	0.00	0.00
U-668	1.00	0.07	0.00	0.00	0.44	0.00	0.00	0.49	0.00	0.00
U-671	1.00	0.06	0.00	0.00	0.44	0.00	0.00	0.50	0.00	0.00
U-674	1.00	0.06	0.00	0.00	0.38	0.00	0.00	0.56	0.00	0.00
U-675	1.00	0.06	0.00	0.00	0.62	0.00	0.04	0.28	0.00	0.01
U-678	1.00	0.06	0.00	0.00	0.36	0.00	0.00	0.57	0.00	0.03
U-68	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-681	1.00	0.15	0.00	0.00	0.75	0.02	0.04	0.04	0.00	0.05
U-682	1.53	0.16	0.00	0.00	0.15	0.01	0.03	0.66	0.00	0.59
U-684	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-685	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-686	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-687	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-688	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-690	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-694	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-695	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-696	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-70	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-701	3.71	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-704	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-706	12.63	0.00	0.75	0.00	0.22	0.00	0.03	0.00	0.00	0.01
U-707	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-708	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-71	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-710	3.71	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-711	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-717	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-718	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-719	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-720	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-721-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-725	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-727	1.00	0.15	0.00	0.00	0.49	0.00	0.04	0.32	0.00	0.02
U-729	1.00	0.14	0.00	0.00	0.55	0.00	0.01	0.30	0.00	0.12
U-73	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-731	1.00	0.14	0.00	0.00	0.85	0.00	0.01	0.01	0.00	0.00
U-732	1.00	0.13	0.00	0.00	0.61	0.00	0.01	0.26	0.00	0.17
U-734	1.00	0.12	0.00	0.00	0.83	0.00	0.00	0.05	0.00	0.00
U-736	1.00	0.08	0.00	0.00	0.51	0.00	0.00	0.41	0.00	0.02
U-738	1.00	0.08	0.00	0.00	0.56	0.00	0.04	0.32	0.00	0.00
U-74	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-740	1.00	0.11	0.00	0.00	0.81	0.00	0.01	0.07	0.00	0.00
U-741	1.00	0.09	0.00	0.00	0.71	0.00	0.00	0.21	0.00	0.00
U-743	1.00	0.05	0.00	0.00	0.41	0.00	0.00	0.54	0.00	0.01
U-745	1.00	0.05	0.00	0.00	0.84	0.00	0.00	0.11	0.00	0.00
U-747	1.00	0.09	0.00	0.00	0.70	0.00	0.00	0.21	0.00	0.00
U-749	1.00	0.11	0.00	0.00	0.69	0.00	0.00	0.20	0.00	0.00
U-75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-751	1.00	0.13	0.00	0.00	0.86	0.00	0.00	0.01	0.00	0.00
U-753	1.00	0.12	0.00	0.00	0.70	0.00	0.01	0.17	0.00	0.06
U-755	1.00	0.09	0.00	0.00	0.80	0.00	0.00	0.11	0.00	0.00
U-763	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-766	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-769	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-77	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-772	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-775	1.00	0.00	0.00	0.00	0.95	0.00	0.05	0.00	0.00	0.00
U-778	1.00	0.00	0.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00
U-783	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-786	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-789	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-792	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-795	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-796	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-8	3.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.01
U-801	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-804	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-807	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-810	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-811	1.09	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-815	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-816	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-820	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-823	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-826	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-829	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-83	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-832	1.33	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-833	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-834-EAC	1.22	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-835	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-837	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-838	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-839	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-840	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-841	1.46	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-842	1.00	0.02	0.00	0.00	0.83	0.00	0.00	0.15	0.00	0.00
U-846	1.00	0.16	0.00	0.00	0.60	0.00	0.00	0.24	0.00	0.32
U-847	1.00	0.16	0.00	0.00	0.19	0.00	0.65	0.00	0.00	0.00
U-848	1.00	0.09	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00
U-851	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-852	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-854	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-856	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-858	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-860	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-863	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-864	1.14	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-865	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-866	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-867	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-868	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-869	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-871	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-872	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-874-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-875	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-878	1.00	0.00	0.00	0.00	0.78	0.00	0.00	0.22	0.00	0.04
U-879	1.00	0.00	0.00	0.00	0.55	0.00	0.00	0.45	0.00	0.04
U-88	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-880	1.42	0.00	0.00	0.00	0.99	0.00	0.00	0.01	0.00	0.00
U-885	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-90	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-91	1.00	0.00	0.00	0.00	0.76	0.00	0.01	0.22	0.00	0.00
U-92	1.00	0.00	0.00	0.00	0.85	0.00	0.12	0.02	0.00	0.00
U-96	1.00	0.00	0.00	0.00	0.97	0.00	0.00	0.03	0.00	0.00
U-97	1.00	0.00	0.00	0.00	0.25	0.00	0.00	0.75	0.00	0.00
U-98	2.68	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-99	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
C-WELL3W	77.97	77.97	78.00	0.02	0.00
C-WELL4E	0.02	0.02	0.87	0.00	0.00
CDT-101	23.08	23.08	23.09	0.31	10.30
CDT-103	22.95	23.01	23.06	0.27	10.05
CDT-105	22.63	22.75	22.79	0.21	2.23
CDT-107	22.42	22.47	22.71	1.15	12.17
CDT-109	41.34	43.38	44.75	3.57	21.14
CDT-11	71.92	71.92	72.19	14.71	22.50
CDT-111	43.53	44.72	46.57	4.15	22.02
CDT-113	21.78	21.82	21.79	0.12	11.44
CDT-115	23.70	23.81	23.72	0.23	10.39
CDT-121	29.10	29.45	76.72	0.00	0.14
CDT-123	65.73	65.76	65.79	2.67	17.71
CDT-125	60.51	60.53	60.51	0.07	6.96
CDT-171	37.95	38.03	53.28	0.00	0.13
CDT-177	14.86	16.12	15.60	0.00	5.61
CDT-179	13.26	13.95	13.56	0.00	4.77
CDT-181	14.76	15.01	14.97	0.00	5.74
CDT-183	39.75	41.85	40.62	0.04	17.11
CDT-185	14.76	15.01	14.97	0.00	5.76
CDT-187	68.25	68.26	68.26	0.00	29.71
CDT-189	68.25	68.26	68.26	0.00	31.31
CDT-191	13.26	13.95	13.56	0.00	4.60
CDT-193	23.16	23.25	23.56	0.09	3.00
CDT-195	55.56	55.56	55.56	0.00	3.03
CDT-197	21.71	21.74	21.76	0.01	8.91

CDT-199	20.22	20.30	20.26	0.00	8.22
CDT-201	20.26	20.35	20.29	0.00	14.34
CDT-205	0.00	0.00	21.37	0.00	0.00
CDT-207	19.69	19.81	19.90	0.04	4.20
CDT-209	59.10	59.10	59.10	0.02	8.24
CDT-211	59.10	59.10	59.10	0.01	11.81
CDT-213	30.37	30.81	30.51	0.03	12.52
CDT-215	0.18	0.18	23.27	0.00	0.00
CDT-217	0.00	0.00	21.89	0.00	0.00
CDT-219	0.00	0.00	20.34	0.00	0.00
CDT-221	20.60	20.68	20.63	0.04	2.54
CDT-223	20.24	20.25	20.24	0.00	8.24
CDT-225	20.98	21.06	21.02	0.00	7.64
CDT-227	20.30	20.31	20.31	0.00	3.07
CDT-229	21.90	21.91	21.91	0.00	3.85
CDT-231	21.90	21.91	21.91	0.00	15.44
CDT-233	21.78	21.91	21.82	0.00	1.33
CDT-235	0.00	0.00	20.31	0.00	0.00
CDT-237	0.00	0.00	22.80	0.00	0.00
CDT-239	22.83	22.85	22.83	0.02	6.79
CDT-241	21.90	21.91	21.91	0.00	6.07
CDT-243	0.00	0.00	22.78	0.00	0.00
CDT-245	0.00	0.00	22.78	0.00	0.00
CDT-247	21.66	21.69	21.82	0.01	13.17
CDT-249	21.91	21.95	21.91	0.02	12.78
CDT-251	21.10	21.20	21.13	0.00	7.82
CDT-253	20.17	20.19	20.18	0.00	7.62
CDT-255	22.82	22.85	22.82	0.03	12.62
CDT-257	22.82	22.85	22.82	0.03	10.14
CDT-259	21.15	21.23	21.37	0.03	8.80
CDT-261	21.84	21.93	21.86	0.09	9.05
CDT-263	19.05	19.12	19.07	0.01	2.50
CDT-265	5.54	5.67	5.97	0.15	1.89
CDT-267	5.54	5.67	5.97	0.16	2.45
CDT-269	5.17	5.17	5.17	0.01	2.25
CDT-271	18.40	18.52	18.45	0.01	7.77
CDT-273	32.95	33.81	34.29	0.09	15.38
CDT-275	21.59	21.63	21.75	0.02	2.48
CDT-277	19.51	19.54	19.54	0.01	2.07
CDT-279	0.00	0.00	33.81	0.00	0.00
CDT-281	6.72	6.72	19.54	0.00	0.00
CDT-283	21.32	21.38	21.44	0.02	7.80
CDT-285	19.69	19.72	19.70	0.00	6.42
CDT-287	19.72	19.73	19.73	0.01	2.56
CDT-289	20.02	20.06	20.07	0.05	2.45
CDT-291	53.08	53.28	53.66	0.41	16.64
CDT-293	17.98	18.04	18.13	0.08	4.05
CDT-295	32.41	32.75	34.02	0.37	18.75
CDT-297	21.84	21.86	21.94	0.02	10.79
CDT-299	71.97	71.98	72.79	13.00	32.61
CDT-439	46.08	52.09	47.19	47.20	17.99
CDT-525	71.61	71.65	71.61	8.41	29.30
CDT-539	39.59	39.59	66.54	0.08	7.07
CDT-87	0.00	0.00	0.00	0.67	0.00
CDT-91	64.08	64.08	64.08	0.00	8.27
CDT-93	26.77	27.84	29.07	1.58	12.33
CDT-95	22.76	22.83	22.89	0.08	11.83
CDT-97	22.55	22.70	22.81	0.21	11.26
CDT-99	27.62	29.14	28.11	0.45	13.48
J-963_OUTFALL	78.00	78.00	78.00	8.00	7.16
J561_OUTFALL	77.99	77.99	78.00	76.63	36.01
J575_OUTFALL	77.99	77.99	78.00	3.83	17.48
J920_OUTFALL	78.00	78.00	78.00	77.99	21.64
LINK-WELL-2	71.44	71.44	77.99	6.71	32.86
U-1	67.92	70.41	67.93	39.39	47.19
U-100	51.30	58.46	65.95	56.20	32.56
U-101	65.02	71.13	69.93	76.43	30.01
U-102	61.75	65.98	71.84	58.83	35.17
U-103	69.98	69.98	77.98	76.90	33.96
U-104	77.98	77.98	77.99	60.79	36.18
U-105	71.64	71.66	77.93	74.10	36.66
U-106	73.80	73.80	78.00	6.60	29.69
U-11	69.95	70.25	69.95	29.83	40.99
U-110	75.02	75.05	75.22	49.53	27.73
U-112	72.86	72.86	75.22	23.34	33.63
U-113	70.46	71.69	70.46	61.42	32.84
U-114	72.86	75.22	72.86	32.77	42.14
U-118	71.67	71.67	71.67	46.94	42.61
U-121	66.22	71.43	66.22	47.01	46.62
U-122	67.37	67.37	71.44	46.91	38.40

U-125	43.96	50.29	52.07	42.46	29.07
U-129	69.15	71.40	69.15	44.33	25.93
U-13	70.91	70.92	70.91	60.68	48.05
U-131	69.17	71.41	69.17	50.46	42.82
U-141	55.52	62.24	55.52	53.13	22.63
U-142	55.47	55.48	62.23	52.33	18.91
U-147	48.77	62.23	48.78	49.21	27.28
U-15	70.67	70.67	71.40	0.25	12.30
U-150	43.51	48.78	53.01	56.07	29.54
U-153	47.03	53.04	51.93	50.76	35.53
U-155	48.35	51.95	53.99	42.21	30.82
U-156	49.58	53.97	56.11	55.84	30.06
U-158	56.08	56.08	62.24	49.42	30.47
U-16	54.84	55.59	55.75	38.76	35.73
U-160	44.09	49.10	53.58	39.75	20.84
U-161	49.25	52.29	57.14	59.52	26.67
U-165	33.32	39.90	33.73	53.31	26.53
U-167	29.91	33.73	33.91	58.82	21.96
U-17	23.06	23.06	23.80	0.00	0.31
U-171	33.57	40.50	33.92	56.71	27.93
U-172	33.02	33.93	42.40	61.95	24.60
U-176	41.02	41.69	42.40	51.10	30.03
U-177	28.86	30.47	30.08	59.74	7.54
U-18	67.36	67.36	69.86	32.06	37.35
U-181	28.58	30.97	30.06	60.99	19.73
U-184	28.57	30.97	29.81	46.12	9.86
U-186	37.67	41.15	39.68	51.22	11.84
U-191	55.75	62.66	55.78	58.33	36.77
U-193	48.62	55.77	51.20	50.76	28.50
U-195	47.06	51.20	53.17	52.11	32.15
U-196	52.45	53.16	61.45	58.23	33.69
U-197	40.82	45.19	43.26	42.02	10.79
U-199	42.27	45.20	45.74	54.15	26.91
U-20	67.34	69.84	67.36	43.51	42.67
U-200	47.03	47.85	54.52	58.81	28.16
U-201	36.41	39.22	43.41	56.21	23.47
U-202	45.26	49.19	47.89	38.36	17.61
U-203	62.73	62.78	62.77	57.26	39.39
U-204	60.48	60.50	62.77	53.42	22.60
U-206	62.72	62.77	62.77	57.10	38.50
U-207	55.42	60.42	57.00	54.19	33.12
U-208	52.19	56.94	55.55	49.49	38.51
U-211	55.48	55.58	62.63	54.16	34.91
U-213	58.36	58.36	62.71	52.69	38.68
U-214	0.00	0.00	78.00	0.00	0.00
U-22	68.11	69.79	68.12	44.55	45.55
U-220	62.48	62.84	62.64	43.71	23.31
U-221	66.75	66.75	66.75	56.69	41.27
U-227	43.80	46.57	54.24	50.22	36.32
U-228	54.23	54.24	62.76	56.66	36.38
U-231	42.38	45.08	47.88	16.77	11.59
U-232	60.68	60.92	64.03	0.10	9.06
U-233	47.66	48.38	59.98	60.83	18.56
U-237	39.32	52.09	40.30	24.32	12.44
U-239	60.81	62.15	60.92	60.06	44.16
U-240	61.09	62.28	61.35	60.87	35.34
U-242	56.47	57.93	58.53	27.57	35.25
U-244	62.20	62.28	62.24	59.62	29.48
U-245	57.81	57.85	62.27	53.38	32.71
U-249	51.08	54.30	57.86	52.90	32.32
U-25	65.99	68.12	67.43	28.57	39.11
U-251	50.29	55.69	54.32	45.61	31.74
U-253	62.53	62.59	62.55	58.84	44.59
U-254	62.01	62.16	62.27	48.57	31.36
U-256	38.85	44.24	40.10	11.76	13.85
U-259	41.80	48.34	45.34	53.56	34.87
U-26	67.42	67.42	69.82	44.40	22.80
U-260	61.66	61.91	61.86	61.40	25.42
U-261	0.00	0.00	0.00	26.57	0.00
U-262-NEW	0.03	11.28	0.07	28.14	0.01
U-263	17.59	17.59	78.00	0.00	0.01
U-267	61.07	62.05	62.84	52.45	15.57
U-270	61.64	62.82	62.69	52.98	17.14
U-271	62.71	62.71	64.02	57.64	52.28
U-274	67.30	67.30	69.86	30.05	38.51
U-277	67.30	69.87	67.30	38.09	41.57
U-28	65.25	69.82	65.25	41.47	39.03
U-280	56.58	72.50	56.64	59.45	27.84
U-286	51.92	72.77	51.93	55.43	21.86
U-289	47.04	51.94	63.66	55.25	12.92

U-29	65.25	65.25	69.84	43.64	34.35
U-290	46.97	56.65	57.27	51.95	16.33
U-291	53.27	57.29	65.80	53.85	17.22
U-293	63.71	63.71	72.78	42.17	24.74
U-294	63.95	72.78	63.95	70.42	46.48
U-295	59.32	63.95	65.84	59.03	38.74
U-298	56.73	60.56	65.84	51.01	29.94
U-299	56.43	65.87	59.84	51.97	18.19
U-300	52.14	59.81	58.72	33.08	21.83
U-304	73.25	73.57	73.25	70.97	37.12
U-308	60.41	60.47	72.21	57.79	18.98
U-308A	54.42	60.42	62.47	44.40	26.02
U-309	47.01	54.05	60.52	58.47	19.96
U-312	20.51	21.41	20.98	35.50	12.29
U-315	41.78	48.06	42.43	51.35	25.11
U-316	42.08	42.42	48.06	53.96	23.52
U-319	25.93	28.52	29.51	59.53	19.13
U-322	28.70	33.16	29.51	64.39	9.15
U-325	30.05	33.16	30.64	66.60	14.58
U-327	30.19	31.40	36.31	66.46	14.73
U-328	25.72	28.69	28.97	57.00	18.67
U-330	31.43	31.43	72.97	0.00	1.76
U-332	55.31	55.31	73.92	0.32	4.55
U-335	57.98	58.06	72.65	57.97	27.45
U-337	42.31	43.14	70.52	0.00	8.30
U-34	53.52	69.63	53.52	50.57	23.04
U-341	73.86	73.92	73.89	71.94	33.98
U-344	54.28	54.29	73.68	66.79	31.86
U-345	41.64	53.99	54.27	0.19	8.95
U-346	64.42	71.92	64.50	42.26	32.98
U-347	56.37	64.47	62.45	64.43	30.96
U-348	31.55	39.01	38.44	59.58	22.42
U-35	55.69	69.54	55.72	49.43	31.15
U-351	69.95	70.45	71.59	69.42	36.97
U-352	51.54	56.62	65.99	37.45	17.01
U-353	66.01	66.01	74.42	33.45	17.22
U-354	36.65	46.04	42.03	58.04	11.88
U-357	35.56	42.40	42.03	62.52	21.75
U-358	60.16	68.77	63.50	64.84	23.16
U-364	70.01	70.04	70.03	38.62	9.40
U-364A	60.33	60.49	60.37	1.59	12.58
U-366	51.64	72.23	51.70	60.63	24.22
U-37	69.54	69.54	69.54	20.35	33.28
U-372	46.08	51.72	62.43	59.41	14.37
U-373	73.04	73.70	73.04	30.57	29.68
U-376	71.56	72.21	73.04	0.00	4.54
U-379	72.29	72.35	72.37	58.98	52.87
U-38	27.60	29.05	31.67	4.68	5.19
U-382	45.19	50.17	50.90	42.07	31.05
U-385	48.58	54.62	50.89	46.53	17.43
U-386	72.86	72.87	72.87	37.48	43.41
U-388	58.89	63.95	59.27	53.45	40.17
U-390	56.93	60.14	59.27	37.53	20.23
U-391	55.39	55.39	73.98	0.00	3.96
U-392	53.68	55.39	70.47	0.00	10.33
U-394	72.39	72.39	75.39	0.00	2.65
U-397	72.14	72.36	72.27	63.08	32.26
U-398	21.26	22.23	21.95	36.59	6.82
U-399	67.43	75.39	67.43	73.85	32.77
U-402	61.28	72.63	61.35	65.60	43.86
U-404	60.69	61.34	71.46	54.46	36.60
U-406	56.69	72.49	56.77	63.43	28.02
U-407	68.94	70.66	68.94	37.50	36.57
U-408	69.36	70.65	69.37	20.25	20.53
U-409	57.72	61.73	63.65	1.44	15.81
U-411	63.44	63.64	69.88	49.46	28.08
U-412	18.39	18.86	21.49	0.00	1.60
U-413	74.80	77.62	74.80	46.20	31.24
U-414	70.99	77.63	71.00	66.96	39.60
U-415	58.97	58.97	77.64	62.45	27.59
U-416	77.64	77.64	77.70	67.96	43.95
U-417	13.89	13.93	13.92	0.00	5.68
U-418	76.35	76.35	77.85	65.87	42.76
U-419	77.98	78.00	77.98	18.12	0.11
U-420	56.71	56.71	56.71	20.54	27.25
U-421	32.26	33.26	33.08	5.21	10.56
U-423	31.56	33.08	32.93	7.63	11.72
U-428	31.38	32.92	32.97	8.69	11.89
U-430	31.10	32.98	32.77	21.89	22.32
U-434	30.47	32.78	32.43	21.46	21.29

U-437	45.53	54.02	59.32	34.14	28.93
U-439	59.45	59.45	73.16	59.15	36.85
U-44	61.63	61.63	73.37	7.23	23.63
U-440	60.56	60.56	73.16	0.63	11.56
U-441	45.18	50.50	60.46	1.66	8.59
U-443	42.39	52.43	47.91	18.36	14.41
U-445	32.08	35.24	42.66	0.57	3.66
U-447	70.75	70.76	72.64	0.00	17.75
U-448	71.39	71.39	72.81	0.14	14.53
U-449	42.21	43.88	61.63	0.32	12.35
U-45	48.52	57.19	61.62	1.54	26.49
U-450	32.01	34.45	58.00	0.57	3.07
U-451	29.78	34.44	36.50	6.16	1.80
U-452	33.51	42.84	36.42	21.55	3.86
U-454	33.30	34.81	39.76	5.60	9.38
U-456	29.85	32.49	32.70	5.09	9.03
U-463	25.90	26.18	45.53	0.00	1.40
U-464	33.75	35.48	41.57	0.73	10.56
U-466	67.04	67.04	76.46	4.20	6.01
U-468	50.41	50.50	56.44	0.00	0.55
U-468-NEW	23.96	31.75	30.03	12.41	5.43
U-469	51.94	51.95	73.78	1.41	2.56
U-47	73.80	73.80	76.33	52.95	35.68
U-48	56.65	56.65	56.65	3.42	16.67
U-481	71.37	71.37	71.60	57.33	55.40
U-483	71.37	71.61	71.37	54.48	50.37
U-486	45.91	46.23	48.42	3.03	4.60
U-489	42.92	43.06	56.44	0.00	0.30
U-492	54.62	56.95	69.41	57.00	17.86
U-495	72.85	72.85	77.99	4.36	16.54
U-496	45.72	50.83	50.26	77.97	22.71
U-497	0.01	0.03	0.02	77.99	0.00
U-498	0.01	0.02	2.94	77.98	0.00
U-5	65.27	65.27	70.41	0.00	12.42
U-50	56.65	56.65	56.65	34.14	31.87
U-500	77.96	77.96	77.97	0.00	15.16
U-501	47.27	55.29	50.80	77.97	27.70
U-502	74.26	74.27	77.48	0.00	24.80
U-503	20.60	20.60	77.96	0.00	2.21
U-507	19.25	20.55	30.67	38.09	9.14
U-509	5.58	5.83	52.89	0.00	0.18
U-513	50.26	51.15	50.51	42.88	24.39
U-514	57.25	57.61	68.37	4.23	3.34
U-518-NEW	65.89	66.42	65.99	68.29	49.85
U-519-NEW	38.48	40.43	43.04	0.00	0.47
U-522	15.89	15.90	58.60	0.00	0.11
U-523	23.37	23.40	23.40	10.95	14.34
U-524-NEW	18.04	18.06	19.70	0.00	0.00
U-525	18.28	18.33	18.29	18.85	12.89
U-526	18.12	18.13	18.28	19.24	7.37
U-527	18.30	18.31	18.31	19.36	7.39
U-53	55.44	55.44	55.44	36.80	33.00
U-530	23.69	23.74	67.93	0.00	1.41
U-531	69.97	69.98	71.47	46.05	38.18
U-533	72.01	72.01	72.05	2.65	9.37
U-534-NEW	78.00	78.00	78.00	54.26	32.80
U-537	72.02	72.02	72.19	3.45	4.64
U-538	68.83	68.83	71.57	0.00	19.46
U-54	55.21	55.44	55.21	25.15	19.20
U-543	62.59	69.21	64.49	0.00	17.56
U-545	71.24	71.24	71.24	62.99	32.00
U-547	78.00	78.00	78.00	43.64	37.62
U-548	19.36	19.37	70.86	0.00	0.07
U-549	19.32	19.33	66.20	0.00	0.20
U-55	55.21	55.21	55.44	22.03	15.72
U-550	70.74	71.58	71.05	0.00	21.28
U-555	71.48	71.48	72.02	0.00	0.92
U-557	62.54	72.23	62.54	61.86	35.41
U-559	55.38	62.51	61.06	44.17	25.56
U-56	50.33	55.44	50.33	42.12	15.92
U-562	61.14	61.14	72.23	60.12	32.42
U-565	72.23	72.23	72.23	58.00	45.00
U-568	52.48	59.06	59.05	43.33	31.84
U-569	55.07	59.06	61.80	33.77	27.08
U-570	59.81	61.81	69.50	2.26	22.87
U-572	66.69	69.51	68.86	31.49	36.89
U-573	13.34	13.34	72.53	0.00	0.63
U-574	13.13	13.37	45.58	0.00	1.80
U-575	53.40	53.40	78.00	0.00	0.00
U-580	49.36	53.53	62.56	49.00	17.40

U-583	62.57	62.57	69.64	44.97	32.51
U-584	55.71	55.71	69.62	54.69	30.20
U-587	52.00	52.35	57.89	15.43	14.35
U-589	47.84	57.89	48.40	48.51	37.24
U-59	18.32	18.32	61.49	0.00	0.00
U-590	69.64	69.78	69.64	60.71	26.54
U-591	49.02	49.02	69.79	44.82	19.86
U-596	49.01	49.01	69.78	58.21	27.43
U-599	41.00	50.46	44.15	22.04	13.43
U-60	62.56	62.57	71.48	44.62	36.41
U-601	69.77	69.78	69.92	61.97	33.99
U-604	69.92	69.92	69.92	50.88	48.58
U-608	57.72	58.33	58.24	40.93	36.81
U-609	27.84	32.88	31.26	39.96	23.50
U-612	28.32	31.27	32.02	40.93	23.66
U-614	28.12	32.02	52.24	0.00	2.73
U-616	42.67	52.25	52.23	53.26	32.34
U-618	70.94	70.94	70.95	57.59	37.08
U-62	72.23	72.23	72.23	61.57	50.79
U-620	77.99	78.00	77.99	25.55	6.16
U-621	77.98	77.99	77.98	55.25	36.41
U-623	62.91	70.35	62.91	62.84	28.08
U-624	56.14	62.93	59.36	39.00	28.18
U-625	51.56	59.35	59.46	56.89	32.93
U-628	59.44	59.45	70.27	56.43	32.09
U-629	28.52	31.71	31.92	23.34	7.37
U-632	10.08	10.08	10.08	8.81	8.30
U-633	10.07	10.07	10.08	21.68	8.38
U-637	10.16	10.19	10.22	37.62	8.55
U-64	74.42	74.42	74.54	60.30	29.54
U-640	10.14	10.22	10.19	40.39	9.06
U-643	10.20	10.27	10.22	24.88	4.41
U-646	47.98	52.75	62.52	59.76	31.47
U-648	59.23	62.47	71.65	59.11	27.47
U-649	71.31	71.71	77.46	63.89	34.87
U-651	77.35	77.51	77.82	45.08	35.69
U-652	77.96	77.96	78.00	75.96	30.46
U-653	52.18	52.47	77.40	64.73	31.97
U-656	42.67	61.46	52.42	59.99	22.41
U-657	61.60	77.91	61.61	63.85	31.86
U-659-NEW	77.99	77.99	78.00	20.52	22.35
U-66	58.90	74.54	59.65	71.90	46.04
U-663	3.46	5.37	7.24	59.63	1.27
U-668	4.29	5.96	4.40	59.31	2.96
U-671	5.21	5.64	5.31	59.58	4.68
U-674	5.13	5.16	5.14	41.31	3.97
U-675	2.29	2.67	2.52	54.73	0.14
U-678	2.44	2.62	4.36	58.54	1.32
U-68	49.92	59.67	60.72	73.52	32.10
U-681	6.03	8.14	7.13	59.74	3.97
U-682	7.30	10.37	7.86	59.43	4.52
U-684	77.11	77.11	77.14	3.39	12.52
U-685	76.83	76.85	76.87	59.39	45.15
U-686	76.84	76.86	76.86	72.15	52.22
U-687	73.27	73.29	73.55	40.27	27.08
U-688	72.21	73.55	72.22	37.76	27.43
U-690	57.30	57.30	76.97	18.73	18.57
U-694	57.30	57.30	57.30	43.46	15.08
U-695	42.05	43.30	45.43	7.71	17.56
U-696	52.71	52.74	52.76	23.92	17.65
U-70	51.03	60.74	58.86	71.51	31.60
U-701	58.87	58.87	71.83	0.00	5.84
U-704	71.89	71.89	71.93	64.41	41.84
U-706	18.97	18.97	63.02	0.00	0.00
U-707	59.15	59.73	60.53	5.56	22.85
U-708	69.29	71.49	69.29	45.79	45.84
U-71	50.73	58.87	59.95	73.21	32.99
U-710	69.27	69.27	71.48	23.03	36.65
U-711	62.77	62.89	71.17	43.31	35.79
U-717	73.02	73.45	73.07	35.75	43.65
U-718	72.96	73.07	73.46	41.44	41.17
U-719	27.51	27.63	27.76	16.44	13.99
U-720	77.84	77.89	77.84	76.14	18.89
U-721-NEW	77.94	77.94	77.94	35.12	37.62
U-725	69.93	71.48	69.93	42.39	45.00
U-727	5.34	5.35	5.34	47.70	5.31
U-729	5.66	6.17	6.00	52.50	5.34
U-73	54.35	59.95	63.01	70.76	35.75
U-731	7.91	9.29	8.43	56.42	7.20
U-732	7.87	8.47	8.57	51.67	6.67

U-734	9.24	12.24	11.80	57.17	2.15
U-736	8.36	9.35	10.32	57.77	2.10
U-738	7.67	8.54	9.29	58.86	0.78
U-74	53.85	58.48	63.03	29.51	15.94
U-740	6.99	8.54	8.51	55.34	6.51
U-741	4.27	4.40	7.18	55.54	1.63
U-743	4.02	4.08	4.31	55.50	1.53
U-745	3.65	4.08	3.69	56.46	3.55
U-747	3.56	3.72	3.69	56.76	3.44
U-749	3.57	3.77	3.93	54.13	3.31
U-75	56.19	62.98	64.81	72.58	35.46
U-751	3.72	4.14	4.04	42.84	3.15
U-753	3.80	4.05	5.33	40.26	3.20
U-755	3.10	4.01	3.82	33.51	2.15
U-763	1.62	1.84	1.62	20.77	1.62
U-766	0.60	0.67	0.60	12.27	0.60
U-769	0.24	0.60	0.24	20.34	0.24
U-77	61.52	64.80	71.96	73.15	38.42
U-772	0.00	0.24	0.00	18.35	0.00
U-775	0.00	0.00	0.00	3.21	0.00
U-778	0.34	0.34	23.07	71.01	0.00
U-783	20.35	20.36	23.07	20.59	13.85
U-786	14.11	15.29	15.89	16.70	10.35
U-789	15.05	15.87	16.52	21.92	9.07
U-792	16.39	16.52	17.77	31.45	9.54
U-795	14.49	14.79	15.15	6.74	9.25
U-796	23.07	24.63	23.07	71.42	21.61
U-8	66.03	66.03	70.57	0.00	13.58
U-801	22.85	22.91	24.82	22.96	15.70
U-804	18.86	19.70	20.84	24.93	16.06
U-807	20.07	20.84	21.60	29.58	14.25
U-81	69.09	72.06	73.90	71.94	38.49
U-810	21.57	21.60	22.92	31.74	16.06
U-811	17.33	17.91	18.06	13.49	9.54
U-815	17.30	18.09	18.05	52.50	11.02
U-816	24.81	26.95	24.89	69.60	22.41
U-82	64.98	73.99	67.59	75.63	38.90
U-820	24.76	24.98	27.42	23.91	17.94
U-823	18.35	19.20	20.42	29.80	15.53
U-826	19.42	20.43	21.16	36.63	15.44
U-829	20.59	21.16	22.21	42.24	16.21
U-83	67.45	67.46	77.56	75.25	32.36
U-832	22.21	22.23	23.07	27.09	15.14
U-833	16.57	17.51	16.80	18.36	3.55
U-834-EAC	45.05	46.57	49.44	5.86	19.03
U-835	72.63	72.63	73.58	0.00	15.08
U-837	64.78	67.55	69.43	0.24	23.13
U-838	61.60	68.41	62.89	50.55	31.51
U-839	52.77	62.83	56.02	54.33	23.46
U-840	54.38	56.00	67.30	55.80	28.87
U-841	47.31	51.79	50.94	40.39	21.90
U-842	60.96	71.33	60.96	65.60	33.90
U-846	18.19	18.19	18.28	0.00	0.00
U-847	17.97	17.97	18.07	0.03	0.00
U-848	61.85	61.88	61.85	51.46	49.64
U-851	69.53	69.53	69.53	32.91	42.15
U-852	69.53	69.54	69.53	43.85	35.83
U-854	50.08	54.38	53.09	13.98	20.06
U-856	52.35	55.71	54.13	16.05	24.45
U-858	50.69	54.12	54.04	27.41	30.67
U-860	49.54	54.04	52.82	29.64	32.48
U-863	64.10	64.28	64.19	30.71	29.56
U-864	73.16	73.16	73.22	0.00	29.11
U-865	73.16	73.16	73.55	0.00	15.92
U-866	76.87	76.88	76.87	68.38	25.59
U-867	77.99	77.99	78.00	1.10	1.10
U-868	77.99	77.99	78.00	1.81	1.81
U-869	77.98	77.98	78.00	0.01	0.01
U-871	77.99	77.99	78.00	0.20	14.78
U-872	54.34	56.19	58.64	8.03	16.57
U-874-NEW	77.98	77.99	77.99	6.88	7.19
U-875	47.46	47.46	78.00	38.27	0.00
U-878	12.35	15.38	17.33	69.11	8.19
U-879	16.18	17.33	38.13	72.95	9.89
U-88	69.04	69.04	77.01	71.28	35.02
U-880	30.42	31.66	54.61	0.00	10.21
U-885	78.00	78.00	78.00	77.92	45.19
U-90	69.44	70.17	69.58	76.77	52.27
U-91	23.13	23.74	24.79	68.38	4.14
U-92	20.20	20.75	20.63	43.73	8.02

U-96	19.56	26.37	21.30	77.12	6.19
U-97	21.34	33.64	21.56	77.36	4.84
U-98	77.94	77.94	77.95	71.37	35.64
U-99	69.02	75.17	71.19	76.36	34.41

****
Pumping Summary
****

Pump	Percent Utilized	Number of Start-Ups	Min Flow CFS	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal	Power Usage Kw-hr	% Time Off Pump Curve Low	% Time Off Pump Curve High
PS-HC1-LAG	16.85	771	8.00	8.00	8.00	2.831	114.86	0.0	100.0
PS-HC1-LEAD	16.85	771	8.00	8.00	8.00	2.831	114.86	0.0	100.0

Analysis begun on: Tue Nov 17 10:18:18 2015
Analysis ended on: Tue Nov 17 10:24:43 2015
Total elapsed time: 00:06:25

```
  ------------------------------------------------------------
    US-EPA Storm Water Management Model - Version 5.1 (Build 5.1.007)
  ------------------------------------------------------------

Warning 04: minimum elevation drop 0.001 used for Conduit CDT-101
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-103
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-105
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-107
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-109
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-111
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-113
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-115
Warning 03: negative offset -1.060 ignored for Link CDT-121
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-123
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-125
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-173
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-175
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-177
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-179
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-181
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-183
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-185
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-187
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-189
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-191
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-193
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-195
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-197
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-199
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-201
Warning 03: negative offset -3.560 ignored for Link CDT-205
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-207
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-209
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-211
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-213
Warning 03: negative offset -3.560 ignored for Link CDT-215
Warning 03: negative offset -4.060 ignored for Link CDT-217
Warning 03: negative offset -3.560 ignored for Link CDT-219
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-221
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-223
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-225
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-227
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-229
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-231
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-233
Warning 03: negative offset -3.560 ignored for Link CDT-235
Warning 03: negative offset -4.760 ignored for Link CDT-237
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-239
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-241
Warning 03: negative offset -4.760 ignored for Link CDT-243
Warning 03: negative offset -4.760 ignored for Link CDT-245
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-247
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-249
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-251
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-253
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-255
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-257
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-259
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-261
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-263
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-265
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-267
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-269
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-271
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-273
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-275
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-277
Warning 03: negative offset -3.560 ignored for Link CDT-279
Warning 03: negative offset -3.560 ignored for Link CDT-281
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-283
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-285
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-287
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-289
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-291
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-293
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-295
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-297
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-299
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-439
```

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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-525
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-87
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-91
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-93
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-95
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-97
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-99
Warning 04: minimum elevation drop 0.001 used for Conduit J-963_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J561_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J575_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J920_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit U-1
Warning 04: minimum elevation drop 0.001 used for Conduit U-100
Warning 04: minimum elevation drop 0.001 used for Conduit U-101
Warning 04: minimum elevation drop 0.001 used for Conduit U-102
Warning 04: minimum elevation drop 0.001 used for Conduit U-103
Warning 04: minimum elevation drop 0.001 used for Conduit U-104
Warning 04: minimum elevation drop 0.001 used for Conduit U-105
Warning 04: minimum elevation drop 0.001 used for Conduit U-11
Warning 04: minimum elevation drop 0.001 used for Conduit U-110
Warning 04: minimum elevation drop 0.001 used for Conduit U-112
Warning 04: minimum elevation drop 0.001 used for Conduit U-113
Warning 04: minimum elevation drop 0.001 used for Conduit U-114
Warning 04: minimum elevation drop 0.001 used for Conduit U-118
Warning 04: minimum elevation drop 0.001 used for Conduit U-121
Warning 04: minimum elevation drop 0.001 used for Conduit U-122
Warning 04: minimum elevation drop 0.001 used for Conduit U-125
Warning 04: minimum elevation drop 0.001 used for Conduit U-129
Warning 04: minimum elevation drop 0.001 used for Conduit U-13
Warning 04: minimum elevation drop 0.001 used for Conduit U-131
Warning 04: minimum elevation drop 0.001 used for Conduit U-141
Warning 04: minimum elevation drop 0.001 used for Conduit U-142
Warning 04: minimum elevation drop 0.001 used for Conduit U-147
Warning 03: negative offset -0.500 ignored for Link U-15
Warning 04: minimum elevation drop 0.001 used for Conduit U-150
Warning 04: minimum elevation drop 0.001 used for Conduit U-153
Warning 04: minimum elevation drop 0.001 used for Conduit U-155
Warning 04: minimum elevation drop 0.001 used for Conduit U-156
Warning 04: minimum elevation drop 0.001 used for Conduit U-158
Warning 04: minimum elevation drop 0.001 used for Conduit U-16
Warning 04: minimum elevation drop 0.001 used for Conduit U-160
Warning 04: minimum elevation drop 0.001 used for Conduit U-161
Warning 04: minimum elevation drop 0.001 used for Conduit U-165
Warning 04: minimum elevation drop 0.001 used for Conduit U-167
Warning 04: minimum elevation drop 0.001 used for Conduit U-171
Warning 04: minimum elevation drop 0.001 used for Conduit U-172
Warning 04: minimum elevation drop 0.001 used for Conduit U-176
Warning 04: minimum elevation drop 0.001 used for Conduit U-177
Warning 04: minimum elevation drop 0.001 used for Conduit U-18
Warning 04: minimum elevation drop 0.001 used for Conduit U-181
Warning 04: minimum elevation drop 0.001 used for Conduit U-184
Warning 04: minimum elevation drop 0.001 used for Conduit U-186
Warning 04: minimum elevation drop 0.001 used for Conduit U-191
Warning 04: minimum elevation drop 0.001 used for Conduit U-193
Warning 04: minimum elevation drop 0.001 used for Conduit U-195
Warning 04: minimum elevation drop 0.001 used for Conduit U-196
Warning 04: minimum elevation drop 0.001 used for Conduit U-197
Warning 04: minimum elevation drop 0.001 used for Conduit U-199
Warning 04: minimum elevation drop 0.001 used for Conduit U-20
Warning 04: minimum elevation drop 0.001 used for Conduit U-200
Warning 04: minimum elevation drop 0.001 used for Conduit U-201
Warning 04: minimum elevation drop 0.001 used for Conduit U-202
Warning 04: minimum elevation drop 0.001 used for Conduit U-203
Warning 04: minimum elevation drop 0.001 used for Conduit U-204
Warning 04: minimum elevation drop 0.001 used for Conduit U-206
Warning 04: minimum elevation drop 0.001 used for Conduit U-207
Warning 04: minimum elevation drop 0.001 used for Conduit U-208
Warning 04: minimum elevation drop 0.001 used for Conduit U-211
Warning 04: minimum elevation drop 0.001 used for Conduit U-213
Warning 04: minimum elevation drop 0.001 used for Conduit U-22
Warning 04: minimum elevation drop 0.001 used for Conduit U-220
Warning 04: minimum elevation drop 0.001 used for Conduit U-221
Warning 04: minimum elevation drop 0.001 used for Conduit U-227
Warning 04: minimum elevation drop 0.001 used for Conduit U-228
Warning 04: minimum elevation drop 0.001 used for Conduit U-231
Warning 04: minimum elevation drop 0.001 used for Conduit U-233
Warning 04: minimum elevation drop 0.001 used for Conduit U-237
Warning 04: minimum elevation drop 0.001 used for Conduit U-239
Warning 04: minimum elevation drop 0.001 used for Conduit U-240
Warning 04: minimum elevation drop 0.001 used for Conduit U-242
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-244
Warning 04: minimum elevation drop 0.001 used for Conduit U-245
Warning 04: minimum elevation drop 0.001 used for Conduit U-249
Warning 04: minimum elevation drop 0.001 used for Conduit U-25
Warning 04: minimum elevation drop 0.001 used for Conduit U-251
Warning 04: minimum elevation drop 0.001 used for Conduit U-253
Warning 04: minimum elevation drop 0.001 used for Conduit U-254
Warning 04: minimum elevation drop 0.001 used for Conduit U-256
Warning 04: minimum elevation drop 0.001 used for Conduit U-259
Warning 04: minimum elevation drop 0.001 used for Conduit U-26
Warning 04: minimum elevation drop 0.001 used for Conduit U-260
Warning 04: minimum elevation drop 0.001 used for Conduit U-261
Warning 04: minimum elevation drop 0.001 used for Conduit U-262-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-267
Warning 04: minimum elevation drop 0.001 used for Conduit U-270
Warning 04: minimum elevation drop 0.001 used for Conduit U-271
Warning 04: minimum elevation drop 0.001 used for Conduit U-274
Warning 04: minimum elevation drop 0.001 used for Conduit U-277
Warning 04: minimum elevation drop 0.001 used for Conduit U-28
Warning 04: minimum elevation drop 0.001 used for Conduit U-280
Warning 04: minimum elevation drop 0.001 used for Conduit U-286
Warning 04: minimum elevation drop 0.001 used for Conduit U-289
Warning 04: minimum elevation drop 0.001 used for Conduit U-29
Warning 04: minimum elevation drop 0.001 used for Conduit U-290
Warning 04: minimum elevation drop 0.001 used for Conduit U-291
Warning 04: minimum elevation drop 0.001 used for Conduit U-293
Warning 04: minimum elevation drop 0.001 used for Conduit U-294
Warning 04: minimum elevation drop 0.001 used for Conduit U-295
Warning 04: minimum elevation drop 0.001 used for Conduit U-298
Warning 04: minimum elevation drop 0.001 used for Conduit U-299
Warning 04: minimum elevation drop 0.001 used for Conduit U-300
Warning 04: minimum elevation drop 0.001 used for Conduit U-304
Warning 04: minimum elevation drop 0.001 used for Conduit U-308
Warning 04: minimum elevation drop 0.001 used for Conduit U-308A
Warning 04: minimum elevation drop 0.001 used for Conduit U-309
Warning 04: minimum elevation drop 0.001 used for Conduit U-312
Warning 04: minimum elevation drop 0.001 used for Conduit U-315
Warning 04: minimum elevation drop 0.001 used for Conduit U-316
Warning 04: minimum elevation drop 0.001 used for Conduit U-319
Warning 04: minimum elevation drop 0.001 used for Conduit U-322
Warning 04: minimum elevation drop 0.001 used for Conduit U-325
Warning 04: minimum elevation drop 0.001 used for Conduit U-327
Warning 04: minimum elevation drop 0.001 used for Conduit U-328
Warning 03: negative offset -1.000 ignored for Link U-330
Warning 03: negative offset -1.000 ignored for Link U-332
Warning 04: minimum elevation drop 0.001 used for Conduit U-335
Warning 04: minimum elevation drop 0.001 used for Conduit U-34
Warning 04: minimum elevation drop 0.001 used for Conduit U-341
Warning 04: minimum elevation drop 0.001 used for Conduit U-344
Warning 04: minimum elevation drop 0.001 used for Conduit U-346
Warning 04: minimum elevation drop 0.001 used for Conduit U-347
Warning 04: minimum elevation drop 0.001 used for Conduit U-348
Warning 04: minimum elevation drop 0.001 used for Conduit U-35
Warning 04: minimum elevation drop 0.001 used for Conduit U-351
Warning 04: minimum elevation drop 0.001 used for Conduit U-352
Warning 04: minimum elevation drop 0.001 used for Conduit U-353
Warning 04: minimum elevation drop 0.001 used for Conduit U-354
Warning 04: minimum elevation drop 0.001 used for Conduit U-357
Warning 04: minimum elevation drop 0.001 used for Conduit U-358
Warning 04: minimum elevation drop 0.001 used for Conduit U-364
Warning 04: minimum elevation drop 0.001 used for Conduit U-364A
Warning 04: minimum elevation drop 0.001 used for Conduit U-366
Warning 04: minimum elevation drop 0.001 used for Conduit U-37
Warning 04: minimum elevation drop 0.001 used for Conduit U-372
Warning 04: minimum elevation drop 0.001 used for Conduit U-373
Warning 04: minimum elevation drop 0.001 used for Conduit U-379
Warning 04: minimum elevation drop 0.001 used for Conduit U-38
Warning 04: minimum elevation drop 0.001 used for Conduit U-382
Warning 04: minimum elevation drop 0.001 used for Conduit U-385
Warning 04: minimum elevation drop 0.001 used for Conduit U-386
Warning 04: minimum elevation drop 0.001 used for Conduit U-388
Warning 04: minimum elevation drop 0.001 used for Conduit U-390
Warning 03: negative offset -1.000 ignored for Link U-391
Warning 03: negative offset -0.500 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-394
Warning 04: minimum elevation drop 0.001 used for Conduit U-397
Warning 04: minimum elevation drop 0.001 used for Conduit U-398
Warning 04: minimum elevation drop 0.001 used for Conduit U-399
Warning 04: minimum elevation drop 0.001 used for Conduit U-402
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-404
Warning 04: minimum elevation drop 0.001 used for Conduit U-406
Warning 04: minimum elevation drop 0.001 used for Conduit U-407
Warning 03: negative offset -0.030 ignored for Link U-408
Warning 03: negative offset -0.030 ignored for Link U-409
Warning 04: minimum elevation drop 0.001 used for Conduit U-411
Warning 04: minimum elevation drop 0.001 used for Conduit U-413
Warning 04: minimum elevation drop 0.001 used for Conduit U-414
Warning 04: minimum elevation drop 0.001 used for Conduit U-415
Warning 04: minimum elevation drop 0.001 used for Conduit U-416
Warning 04: minimum elevation drop 0.001 used for Conduit U-417
Warning 04: minimum elevation drop 0.001 used for Conduit U-418
Warning 03: negative offset -1.060 ignored for Link U-419
Warning 04: minimum elevation drop 0.001 used for Conduit U-420
Warning 04: minimum elevation drop 0.001 used for Conduit U-421
Warning 04: minimum elevation drop 0.001 used for Conduit U-423
Warning 04: minimum elevation drop 0.001 used for Conduit U-428
Warning 04: minimum elevation drop 0.001 used for Conduit U-430
Warning 04: minimum elevation drop 0.001 used for Conduit U-434
Warning 04: minimum elevation drop 0.001 used for Conduit U-437
Warning 04: minimum elevation drop 0.001 used for Conduit U-439
Warning 04: minimum elevation drop 0.001 used for Conduit U-48
Warning 04: minimum elevation drop 0.001 used for Conduit U-481
Warning 04: minimum elevation drop 0.001 used for Conduit U-483
Warning 04: minimum elevation drop 0.001 used for Conduit U-496
Warning 04: minimum elevation drop 0.001 used for Conduit U-497
Warning 04: minimum elevation drop 0.001 used for Conduit U-498
Warning 04: minimum elevation drop 0.001 used for Conduit U-50
Warning 04: minimum elevation drop 0.001 used for Conduit U-501
Warning 04: minimum elevation drop 0.001 used for Conduit U-513
Warning 04: minimum elevation drop 0.001 used for Conduit U-518-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-523
Warning 03: negative offset -3.560 ignored for Link U-524-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-525
Warning 04: minimum elevation drop 0.001 used for Conduit U-526
Warning 04: minimum elevation drop 0.001 used for Conduit U-527
Warning 04: minimum elevation drop 0.001 used for Conduit U-53
Warning 04: minimum elevation drop 0.001 used for Conduit U-531
Warning 04: minimum elevation drop 0.001 used for Conduit U-534-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-54
Warning 04: minimum elevation drop 0.001 used for Conduit U-545
Warning 04: minimum elevation drop 0.001 used for Conduit U-547
Warning 04: minimum elevation drop 0.001 used for Conduit U-55
Warning 04: minimum elevation drop 0.001 used for Conduit U-557
Warning 04: minimum elevation drop 0.001 used for Conduit U-559
Warning 04: minimum elevation drop 0.001 used for Conduit U-56
Warning 04: minimum elevation drop 0.001 used for Conduit U-562
Warning 04: minimum elevation drop 0.001 used for Conduit U-565
Warning 04: minimum elevation drop 0.001 used for Conduit U-568
Warning 04: minimum elevation drop 0.001 used for Conduit U-569
Warning 04: minimum elevation drop 0.001 used for Conduit U-572
Warning 04: minimum elevation drop 0.001 used for Conduit U-580
Warning 04: minimum elevation drop 0.001 used for Conduit U-583
Warning 04: minimum elevation drop 0.001 used for Conduit U-584
Warning 04: minimum elevation drop 0.001 used for Conduit U-587
Warning 04: minimum elevation drop 0.001 used for Conduit U-589
Warning 04: minimum elevation drop 0.001 used for Conduit U-590
Warning 04: minimum elevation drop 0.001 used for Conduit U-591
Warning 04: minimum elevation drop 0.001 used for Conduit U-596
Warning 04: minimum elevation drop 0.001 used for Conduit U-599
Warning 04: minimum elevation drop 0.001 used for Conduit U-60
Warning 04: minimum elevation drop 0.001 used for Conduit U-601
Warning 04: minimum elevation drop 0.001 used for Conduit U-604
Warning 04: minimum elevation drop 0.001 used for Conduit U-608
Warning 04: minimum elevation drop 0.001 used for Conduit U-609
Warning 04: minimum elevation drop 0.001 used for Conduit U-612
Warning 03: negative offset -1.000 ignored for Link U-614
Warning 04: minimum elevation drop 0.001 used for Conduit U-616
Warning 04: minimum elevation drop 0.001 used for Conduit U-618
Warning 04: minimum elevation drop 0.001 used for Conduit U-62
Warning 04: minimum elevation drop 0.001 used for Conduit U-621
Warning 04: minimum elevation drop 0.001 used for Conduit U-623
Warning 04: minimum elevation drop 0.001 used for Conduit U-624
Warning 04: minimum elevation drop 0.001 used for Conduit U-625
Warning 04: minimum elevation drop 0.001 used for Conduit U-628
Warning 04: minimum elevation drop 0.001 used for Conduit U-629
Warning 04: minimum elevation drop 0.001 used for Conduit U-632
Warning 03: negative offset -1.000 ignored for Link U-633
Warning 03: negative offset -1.000 ignored for Link U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-633
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-637
Warning 04: minimum elevation drop 0.001 used for Conduit U-64
Warning 04: minimum elevation drop 0.001 used for Conduit U-640
Warning 04: minimum elevation drop 0.001 used for Conduit U-643
Warning 04: minimum elevation drop 0.001 used for Conduit U-646
Warning 04: minimum elevation drop 0.001 used for Conduit U-648
Warning 04: minimum elevation drop 0.001 used for Conduit U-649
Warning 04: minimum elevation drop 0.001 used for Conduit U-651
Warning 04: minimum elevation drop 0.001 used for Conduit U-652
Warning 04: minimum elevation drop 0.001 used for Conduit U-653
Warning 04: minimum elevation drop 0.001 used for Conduit U-656
Warning 04: minimum elevation drop 0.001 used for Conduit U-657
Warning 04: minimum elevation drop 0.001 used for Conduit U-659-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-66
Warning 04: minimum elevation drop 0.001 used for Conduit U-663
Warning 04: minimum elevation drop 0.001 used for Conduit U-668
Warning 04: minimum elevation drop 0.001 used for Conduit U-671
Warning 04: minimum elevation drop 0.001 used for Conduit U-674
Warning 04: minimum elevation drop 0.001 used for Conduit U-675
Warning 04: minimum elevation drop 0.001 used for Conduit U-678
Warning 04: minimum elevation drop 0.001 used for Conduit U-68
Warning 04: minimum elevation drop 0.001 used for Conduit U-681
Warning 04: minimum elevation drop 0.001 used for Conduit U-682
Warning 04: minimum elevation drop 0.001 used for Conduit U-685
Warning 04: minimum elevation drop 0.001 used for Conduit U-686
Warning 04: minimum elevation drop 0.001 used for Conduit U-687
Warning 04: minimum elevation drop 0.001 used for Conduit U-688
Warning 04: minimum elevation drop 0.001 used for Conduit U-690
Warning 04: minimum elevation drop 0.001 used for Conduit U-694
Warning 04: minimum elevation drop 0.001 used for Conduit U-695
Warning 04: minimum elevation drop 0.001 used for Conduit U-696
Warning 04: minimum elevation drop 0.001 used for Conduit U-70
Warning 04: minimum elevation drop 0.001 used for Conduit U-704
Warning 04: minimum elevation drop 0.001 used for Conduit U-707
Warning 04: minimum elevation drop 0.001 used for Conduit U-708
Warning 04: minimum elevation drop 0.001 used for Conduit U-71
Warning 04: minimum elevation drop 0.001 used for Conduit U-710
Warning 04: minimum elevation drop 0.001 used for Conduit U-711
Warning 04: minimum elevation drop 0.001 used for Conduit U-717
Warning 04: minimum elevation drop 0.001 used for Conduit U-718
Warning 04: minimum elevation drop 0.001 used for Conduit U-719
Warning 04: minimum elevation drop 0.001 used for Conduit U-720
Warning 04: minimum elevation drop 0.001 used for Conduit U-721-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-725
Warning 04: minimum elevation drop 0.001 used for Conduit U-727
Warning 04: minimum elevation drop 0.001 used for Conduit U-729
Warning 04: minimum elevation drop 0.001 used for Conduit U-73
Warning 04: minimum elevation drop 0.001 used for Conduit U-731
Warning 04: minimum elevation drop 0.001 used for Conduit U-732
Warning 04: minimum elevation drop 0.001 used for Conduit U-734
Warning 04: minimum elevation drop 0.001 used for Conduit U-736
Warning 04: minimum elevation drop 0.001 used for Conduit U-738
Warning 04: minimum elevation drop 0.001 used for Conduit U-74
Warning 04: minimum elevation drop 0.001 used for Conduit U-740
Warning 04: minimum elevation drop 0.001 used for Conduit U-741
Warning 04: minimum elevation drop 0.001 used for Conduit U-743
Warning 04: minimum elevation drop 0.001 used for Conduit U-745
Warning 04: minimum elevation drop 0.001 used for Conduit U-747
Warning 04: minimum elevation drop 0.001 used for Conduit U-749
Warning 04: minimum elevation drop 0.001 used for Conduit U-75
Warning 04: minimum elevation drop 0.001 used for Conduit U-751
Warning 04: minimum elevation drop 0.001 used for Conduit U-753
Warning 04: minimum elevation drop 0.001 used for Conduit U-755
Warning 04: minimum elevation drop 0.001 used for Conduit U-763
Warning 04: minimum elevation drop 0.001 used for Conduit U-766
Warning 04: minimum elevation drop 0.001 used for Conduit U-769
Warning 04: minimum elevation drop 0.001 used for Conduit U-77
Warning 04: minimum elevation drop 0.001 used for Conduit U-772
Warning 04: minimum elevation drop 0.001 used for Conduit U-775
Warning 04: minimum elevation drop 0.001 used for Conduit U-778
Warning 04: minimum elevation drop 0.001 used for Conduit U-783
Warning 04: minimum elevation drop 0.001 used for Conduit U-786
Warning 04: minimum elevation drop 0.001 used for Conduit U-789
Warning 04: minimum elevation drop 0.001 used for Conduit U-792
Warning 04: minimum elevation drop 0.001 used for Conduit U-795
Warning 04: minimum elevation drop 0.001 used for Conduit U-796
Warning 04: minimum elevation drop 0.001 used for Conduit U-801
Warning 04: minimum elevation drop 0.001 used for Conduit U-804
Warning 04: minimum elevation drop 0.001 used for Conduit U-807
Warning 04: minimum elevation drop 0.001 used for Conduit U-81
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Warning 04: minimum elevation drop 0.001 used for Conduit U-810
Warning 04: minimum elevation drop 0.001 used for Conduit U-811
Warning 04: minimum elevation drop 0.001 used for Conduit U-815
Warning 04: minimum elevation drop 0.001 used for Conduit U-816
Warning 04: minimum elevation drop 0.001 used for Conduit U-82
Warning 04: minimum elevation drop 0.001 used for Conduit U-820
Warning 04: minimum elevation drop 0.001 used for Conduit U-823
Warning 04: minimum elevation drop 0.001 used for Conduit U-826
Warning 04: minimum elevation drop 0.001 used for Conduit U-829
Warning 04: minimum elevation drop 0.001 used for Conduit U-83
Warning 04: minimum elevation drop 0.001 used for Conduit U-832
Warning 04: minimum elevation drop 0.001 used for Conduit U-833
Warning 04: minimum elevation drop 0.001 used for Conduit U-834-EAC
Warning 03: negative offset -0.388 ignored for Link U-835
Warning 03: negative offset -1.200 ignored for Link U-835
Warning 04: minimum elevation drop 0.001 used for Conduit U-838
Warning 04: minimum elevation drop 0.001 used for Conduit U-839
Warning 04: minimum elevation drop 0.001 used for Conduit U-840
Warning 04: minimum elevation drop 0.001 used for Conduit U-841
Warning 04: minimum elevation drop 0.001 used for Conduit U-842
Warning 04: minimum elevation drop 0.001 used for Conduit U-848
Warning 04: minimum elevation drop 0.001 used for Conduit U-851
Warning 04: minimum elevation drop 0.001 used for Conduit U-852
Warning 04: minimum elevation drop 0.001 used for Conduit U-854
Warning 04: minimum elevation drop 0.001 used for Conduit U-856
Warning 04: minimum elevation drop 0.001 used for Conduit U-858
Warning 04: minimum elevation drop 0.001 used for Conduit U-860
Warning 04: minimum elevation drop 0.001 used for Conduit U-863
Warning 03: negative offset -0.298 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-865
Warning 04: minimum elevation drop 0.001 used for Conduit U-866
Warning 03: negative offset -0.060 ignored for Link U-869
Warning 04: minimum elevation drop 0.001 used for Conduit U-872
Warning 04: minimum elevation drop 0.001 used for Conduit U-874-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-878
Warning 04: minimum elevation drop 0.001 used for Conduit U-879
Warning 04: minimum elevation drop 0.001 used for Conduit U-88
Warning 04: minimum elevation drop 0.001 used for Conduit U-885
Warning 04: minimum elevation drop 0.001 used for Conduit U-90
Warning 04: minimum elevation drop 0.001 used for Conduit U-91
Warning 04: minimum elevation drop 0.001 used for Conduit U-92
Warning 04: minimum elevation drop 0.001 used for Conduit U-96
Warning 04: minimum elevation drop 0.001 used for Conduit U-97
Warning 04: minimum elevation drop 0.001 used for Conduit U-98
Warning 04: minimum elevation drop 0.001 used for Conduit U-99
  WARNING 10: crest elevation is below downstream invert for regulator Link WEIR-63
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-19
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-21
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-23
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-25
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-27
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-29
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-31
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-33
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-37
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-39
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-41
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-43
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-45
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-49
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-51
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-53
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-55
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-57
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-59
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-61
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-63
  WARNING 10: crest elevation is below downstream invert for regulator Link J33A_OUTFALL
  WARNING 10: crest elevation is below downstream invert for regulator Link U-331
  WARNING 10: crest elevation is below downstream invert for regulator Link W-ENID-DRIVE
  WARNING 10: crest elevation is below downstream invert for regulator Link WELL-W-MCINTYRE
Warning 02: maximum depth 6.600 increased for Node J-109
Warning 02: maximum depth 6.210 increased for Node J-126
Warning 02: maximum depth 6.040 increased for Node J-127
Warning 02: maximum depth 6.080 increased for Node J-128
Warning 02: maximum depth 10.360 increased for Node J-15A
Warning 02: maximum depth 6.110 increased for Node J-259
Warning 02: maximum depth 8.950 increased for Node J-268
Warning 02: maximum depth 6.260 increased for Node J-278
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Warning 02: maximum depth 8.950 increased for Node J-284
Warning 02: maximum depth 10.460 increased for Node J-328A
Warning 02: maximum depth 11.060 increased for Node J-432B
Warning 02: maximum depth 8.950 increased for Node J-444-WEIR
Warning 02: maximum depth 10.760 increased for Node J-54B
Warning 02: maximum depth 6.090 increased for Node J-570
Warning 02: maximum depth 7.560 increased for Node J-611
Warning 02: maximum depth 7.950 increased for Node J-692-WEIR
Warning 02: maximum depth 9.560 increased for Node J-757
Warning 02: maximum depth 9.500 increased for Node J-902

  ***************************************************************
    NOTE: The summary statistics displayed in this report are
    based on results found at every computational time step,
    not just on results from each reporting time step.
  ***************************************************************

  ********************
    Analysis Options
  ********************
  Flow Units ............... CFS
  Process Models:
    Rainfall/Runoff ........ YES
    RDII ................... NO
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Ponding Allowed ........ YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ JAN-01-2002 00:00:00
  Ending Date .............. JAN-04-2002 06:00:00
  Antecedent Dry Days ...... 5.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 00:05:00
  Routing Time Step ........ 4.00 sec
  Variable Time Step ....... YES
  Maximum Trials ........... 5
  Head Tolerance ........... 1.000000 ft


  *************************        Volume         Depth
  Runoff Quantity Continuity     acre-feet        inches
  *************************     ---------       -------
  Total Precipitation ......       467.152        13.590
  Evaporation Loss .........         0.000         0.000
  Infiltration Loss ........        52.574         1.529
  Surface Runoff ...........       348.706        10.144
  Final Surface Storage ....        66.114         1.923
  Continuity Error (%) .....        -0.052


  *************************        Volume        Volume
  Flow Routing Continuity        acre-feet      10^6 gal
  *************************     ---------     ---------
  Dry Weather Inflow .......         0.000         0.000
  Wet Weather Inflow .......       348.171       113.457
  Groundwater Inflow .......         0.000         0.000
  RDII Inflow ..............         0.000         0.000
  External Inflow ..........         0.000         0.000
  External Outflow .........       289.909        94.471
  Internal Outflow .........         0.000         0.000
  Evaporation Loss .........         0.000         0.000
  Exfiltration Loss ........         0.000         0.000
  Initial Stored Volume ....         0.033         0.011
  Final Stored Volume ......        59.041        19.239
  Continuity Error (%) .....        -0.214


  *****************************
    Highest Continuity Errors
  *****************************
  Node J-566-WEIR                          -302.19%    -1.1721
  Node JCT-26-WEIR                          -78.15%    -1.4585
  Node J-748-WEIR-STANTEC                   -72.95%    -2.7589
  Node J-268-WEIR                           -42.22%    -0.3032
  Node J-185A                               -30.78%    -0.2668
  Node J-566                                 28.70%     1.0791
```

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Node J-54A                                26.70%     0.1670
Node J-59A                                25.25%     0.1966
Node JCT-26                              -25.00%    -0.7767
Node J-354B                               23.68%     0.5486
Node J-902                               -23.07%    -0.5361
Node J-40C                               -22.17%    -0.1497
Node J-632                                20.73%     0.1636
Node JCT-28-WEIR                         -20.29%    -0.4783
Node J-444-WEIR                          -19.91%    -0.7262
Node J-174                                19.91%     0.1533
Node J-884                               -19.46%    -0.8356
Node J-618                                18.31%     0.1868
Node J-104                                18.29%     0.5047
Node J-61A                                17.92%     0.2014
                                                  -6.2611 Mgal


*******************************
  Time-Step Critical Elements
*******************************
Link U-262-NEW (18.59%)
Link U-346 (4.87%)
Link U-300 (3.76%)
Link U-295 (3.01%)
Link U-155 (2.91%)
Link U-837 (2.87%)
Link U-193 (2.64%)
Link U-496 (2.62%)
Link U-390 (2.37%)
Link U-599 (1.90%)
Link U-298 (1.79%)
Link U-199 (1.77%)
Link U-197 (1.68%)
Link U-587 (1.64%)
Link U-64 (1.62%)
Link U-293 (1.60%)
Link U-105 (1.57%)
Link U-231 (1.51%)
Link U-612 (1.41%)
Link U-624 (1.35%)


***********************************
  Highest Flow Instability Indexes
***********************************
Link U-869 (127)
Link U-550 (81)
Link WA-4-NEW (77)
Link CDT-189 (76)
Link CDT-187 (76)
Link U-572 (76)
Link U-221 (73)
Link U-112 (73)
Link U-548 (72)
Link U-864 (72)
Link U-652 (72)
Link U-502 (72)
Link U-651 (70)
Link CDT-299 (69)
Link U-725 (69)
Link U-129 (69)
Link U-98 (67)
Link U-710 (65)
Link WEIR-J-754-STANTECT (64)
Link U-447 (63)

*****************************
  Routing Time Step Summary
*****************************
Minimum Time Step           :     0.10 sec
Average Time Step           :     0.88 sec
Maximum Time Step           :     4.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     4.68
Percent Not Converging      :    85.02
Total Steps                 :   320661
Total Iterations            :  1499116
```

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
SUB-11856	13.59	0.00	0.00	1.47	10.83	0.55	6.47	0.797
SUB-11868	13.59	0.00	0.00	0.95	10.18	0.68	6.12	0.749
SUB-11924	13.59	0.00	0.00	1.68	10.61	0.82	9.79	0.781
SUB-11926	13.59	0.00	0.00	1.68	9.54	1.77	17.18	0.702
SUB-11930	13.59	0.00	0.00	1.68	10.65	0.58	7.05	0.784
SUB-11932	13.59	0.00	0.00	2.15	10.96	0.45	5.96	0.807
SUB-11936	13.59	0.00	0.00	1.22	9.78	0.39	3.95	0.720
SUB-11944	13.59	0.00	0.00	1.68	10.72	1.05	12.83	0.789
SUB-11948	13.59	0.00	0.00	1.68	10.48	0.94	11.00	0.771
SUB-11950	13.59	0.00	0.00	1.34	10.38	0.42	4.58	0.764
SUB-11954	13.59	0.00	0.00	1.68	11.09	0.45	5.93	0.816
SUB-11958	13.59	0.00	0.00	1.68	10.19	1.03	11.42	0.750
SUB-11968	13.59	0.00	0.00	2.18	11.00	0.68	9.30	0.809
SUB-11970	13.59	0.00	0.00	1.48	10.44	0.54	6.20	0.768
SUB-11972	13.59	0.00	0.00	1.68	10.70	0.84	10.18	0.787
SUB-11978	13.59	0.00	0.00	1.68	10.84	0.79	9.91	0.798
SUB-11984	13.59	0.00	0.00	1.67	10.45	0.66	7.63	0.769
SUB-11986	13.59	0.00	0.00	1.61	10.24	0.65	7.37	0.754
SUB-11988	13.59	0.00	0.00	1.64	10.39	1.25	14.36	0.765
SUB-11990	13.59	0.00	0.00	1.67	10.95	0.57	7.24	0.805
SUB-11994	13.59	0.00	0.00	1.68	11.11	0.54	7.03	0.817
SUB-11998	13.59	0.00	0.00	1.67	10.16	1.17	12.87	0.748
SUB-12004	13.59	0.00	0.00	1.68	11.03	0.50	6.40	0.812
SUB-12010	13.59	0.00	0.00	1.68	11.03	0.44	5.65	0.812
SUB-12014	13.59	0.00	0.00	0.95	10.28	0.28	2.51	0.756
SUB-12016	13.59	0.00	0.00	1.68	10.79	0.80	9.92	0.794
SUB-12024	13.59	0.00	0.00	1.66	10.50	0.60	7.03	0.773
SUB-12036	13.59	0.00	0.00	1.65	10.64	0.66	7.89	0.783
SUB-12044	13.59	0.00	0.00	0.95	10.27	0.63	5.70	0.756
SUB-12046	13.59	0.00	0.00	1.68	10.63	0.63	7.55	0.782
SUB-12048	13.59	0.00	0.00	1.53	11.19	0.38	4.75	0.824
SUB-12052	13.59	0.00	0.00	1.67	10.97	0.93	11.87	0.807
SUB-12060	13.59	0.00	0.00	1.68	10.48	0.59	6.89	0.771
SUB-12062	13.59	0.00	0.00	1.68	10.26	0.39	4.40	0.755
SUB-12068	13.59	0.00	0.00	1.67	10.88	0.40	4.96	0.801
SUB-12072	13.59	0.00	0.00	1.68	9.97	1.74	18.43	0.734
SUB-12084	13.59	0.00	0.00	1.68	10.53	1.14	13.51	0.775
SUB-12086	13.59	0.00	0.00	1.68	10.65	1.25	15.10	0.784
SUB-12088	13.59	0.00	0.00	1.68	10.53	1.00	11.82	0.775
SUB-12100	13.59	0.00	0.00	1.68	9.98	0.94	10.01	0.734
SUB-12110	13.59	0.00	0.00	1.68	10.51	0.42	4.96	0.773
SUB-12112	13.59	0.00	0.00	1.68	10.16	0.73	7.99	0.748
SUB-12116	13.59	0.00	0.00	1.68	10.23	0.66	7.36	0.753
SUB-12122	13.59	0.00	0.00	1.68	11.35	0.06	0.82	0.835
SUB-12128	13.59	0.00	0.00	1.68	10.40	0.50	5.81	0.765
SUB-12132	13.59	0.00	0.00	1.68	10.07	0.84	9.03	0.741
SUB-12136	13.59	0.00	0.00	1.68	10.20	0.69	7.62	0.751
SUB-12138	13.59	0.00	0.00	1.68	10.34	0.55	6.31	0.761
SUB-12142	13.59	0.00	0.00	1.68	9.72	1.35	13.57	0.715
SUB-12144	13.59	0.00	0.00	1.68	9.61	1.55	15.27	0.707
SUB-12150	13.59	0.00	0.00	1.68	10.74	0.63	7.79	0.790
SUB-12152	13.59	0.00	0.00	1.68	10.36	0.99	11.31	0.763
SUB-12154	13.59	0.00	0.00	1.68	10.17	1.63	18.00	0.748
SUB-12158	13.59	0.00	0.00	1.68	10.75	0.54	6.65	0.791
SUB-12160	13.59	0.00	0.00	1.68	10.87	1.10	13.81	0.800
SUB-12162	13.59	0.00	0.00	1.68	10.82	0.82	10.14	0.796
SUB-12164	13.59	0.00	0.00	1.68	10.70	0.64	7.83	0.787
SUB-12166	13.59	0.00	0.00	1.68	10.40	0.42	4.85	0.765
SUB-12168	13.59	0.00	0.00	1.68	10.59	0.60	7.20	0.779
SUB-12170	13.59	0.00	0.00	1.67	11.51	0.18	2.59	0.847
SUB-12172	13.59	0.00	0.00	1.68	11.18	0.34	4.53	0.823
SUB-12174	13.59	0.00	0.00	1.68	10.77	0.77	9.47	0.793
SUB-12176	13.59	0.00	0.00	1.68	10.81	0.50	6.24	0.795
SUB-12180	13.59	0.00	0.00	1.68	10.68	0.70	8.54	0.786
SUB-12182	13.59	0.00	0.00	1.68	10.65	0.33	3.96	0.784
SUB-12184	13.59	0.00	0.00	1.68	10.99	0.17	2.12	0.809
SUB-12186	13.59	0.00	0.00	1.68	10.44	0.48	5.51	0.768
SUB-12188	13.59	0.00	0.00	1.68	10.12	0.78	8.48	0.744
SUB-12190	13.59	0.00	0.00	1.68	10.31	0.58	6.56	0.759
SUB-12192	13.59	0.00	0.00	1.68	10.13	0.76	8.32	0.746
SUB-12194	13.59	0.00	0.00	1.68	10.84	0.42	5.18	0.797

SUB-12196	13.59	0.00	0.00	1.68	10.33	0.47	5.30	0.760
SUB-12198	13.59	0.00	0.00	1.68	10.63	0.52	6.27	0.782
SUB-12200	13.59	0.00	0.00	1.68	10.44	0.47	5.47	0.768
SUB-12202	13.59	0.00	0.00	1.68	10.11	0.78	8.51	0.744
SUB-12204	13.59	0.00	0.00	1.68	10.54	0.40	4.71	0.776
SUB-12206	13.59	0.00	0.00	1.66	10.08	0.79	8.57	0.741
SUB-12208	13.59	0.00	0.00	1.62	10.55	0.34	4.04	0.776
SUB-12210	13.59	0.00	0.00	1.68	10.33	0.56	6.41	0.760
SUB-12212	13.59	0.00	0.00	1.57	10.34	0.43	4.89	0.761
SUB-12214	13.59	0.00	0.00	1.64	10.05	0.76	8.29	0.740
SUB-12216	13.59	0.00	0.00	1.36	10.22	0.32	3.45	0.752
SUB-12218	13.59	0.00	0.00	1.38	10.48	0.24	2.66	0.771
SUB-12222	13.59	0.00	0.00	1.68	10.46	0.46	5.36	0.769
SUB-12224	13.59	0.00	0.00	1.68	10.64	0.33	4.02	0.783
SUB-12226	13.59	0.00	0.00	1.68	10.92	0.51	6.44	0.804
SUB-12228	13.59	0.00	0.00	1.68	10.84	0.54	6.69	0.798
SUB-12230	13.59	0.00	0.00	1.68	10.92	0.19	2.46	0.803
SUB-12232	13.59	0.00	0.00	1.68	10.91	0.20	2.48	0.803
SUB-12234	13.59	0.00	0.00	1.68	10.64	0.34	4.05	0.783
SUB-12238	13.59	0.00	0.00	1.68	11.04	0.46	5.97	0.812
SUB-12240	13.59	0.00	0.00	1.68	11.36	0.34	4.71	0.836
SUB-12242	13.59	0.00	0.00	1.68	10.25	0.63	7.11	0.754
SUB-12244	13.59	0.00	0.00	1.68	10.46	0.45	5.30	0.770
SUB-12246	13.59	0.00	0.00	1.68	10.64	0.33	4.01	0.783
SUB-12248	13.59	0.00	0.00	1.68	10.63	0.34	4.11	0.782
SUB-12250	13.59	0.00	0.00	1.68	10.34	0.55	6.29	0.761
SUB-12252	13.59	0.00	0.00	1.68	9.92	1.62	16.99	0.730
SUB-12256	13.59	0.00	0.00	1.68	10.73	0.59	7.17	0.790
SUB-12258	13.59	0.00	0.00	1.68	10.86	0.64	8.07	0.799
SUB-12260	13.59	0.00	0.00	1.68	10.64	0.62	7.46	0.783
SUB-12262	13.59	0.00	0.00	1.68	10.92	0.43	5.45	0.803
SUB-12264	13.59	0.00	0.00	1.68	10.96	0.55	6.98	0.807
SUB-12266	13.59	0.00	0.00	1.68	10.36	0.54	6.18	0.762
SUB-12268	13.59	0.00	0.00	1.68	10.50	0.85	9.93	0.773
SUB-12272	13.59	0.00	0.00	1.68	10.78	0.85	10.44	0.793
SUB-12274	13.59	0.00	0.00	1.68	10.28	0.57	6.38	0.756
SUB-12276	13.59	0.00	0.00	1.68	10.12	0.98	10.68	0.744
SUB-12278	13.59	0.00	0.00	1.68	10.14	0.78	8.53	0.746
SUB-12280	13.59	0.00	0.00	1.68	9.94	1.03	10.86	0.732
SUB-12284	13.59	0.00	0.00	1.45	10.09	0.61	6.70	0.742
SUB-12286	13.59	0.00	0.00	1.87	10.21	0.60	6.31	0.751
SUB-12288	13.59	0.00	0.00	2.29	10.90	1.19	14.75	0.802
SUB-12290	13.59	0.00	0.00	1.68	10.51	0.57	6.73	0.774
SUB-12292	13.59	0.00	0.00	1.68	10.51	0.68	8.04	0.773
SUB-12294	13.59	0.00	0.00	1.68	10.23	0.78	8.72	0.753
SUB-12296	13.59	0.00	0.00	1.68	10.68	0.48	5.84	0.786
SUB-12300	13.59	0.00	0.00	1.68	10.19	0.95	10.58	0.750
SUB-12302	13.59	0.00	0.00	1.68	9.85	1.01	10.49	0.725
SUB-12304	13.59	0.00	0.00	1.57	10.31	0.44	5.00	0.758
SUB-12306	13.59	0.00	0.00	1.68	10.41	0.93	10.71	0.766
SUB-12308	13.59	0.00	0.00	1.68	10.34	1.47	16.73	0.761
SUB-12310	13.59	0.00	0.00	1.20	9.38	1.22	12.25	0.690
SUB-12312	13.59	0.00	0.00	1.68	11.36	0.17	2.37	0.836
SUB-12314	13.59	0.00	0.00	1.33	9.71	0.92	9.61	0.715
SUB-12316	13.59	0.00	0.00	1.24	9.95	0.77	8.00	0.732
SUB-12318	13.59	0.00	0.00	1.68	10.55	0.99	11.68	0.776
SUB-12320	13.59	0.00	0.00	1.68	10.64	0.61	7.30	0.783
SUB-12322	13.59	0.00	0.00	1.68	10.09	0.81	8.82	0.742
SUB-12324	13.59	0.00	0.00	1.68	10.57	0.84	10.02	0.777
SUB-12326	13.59	0.00	0.00	1.68	11.27	0.21	2.85	0.829
SUB-12328	13.59	0.00	0.00	1.68	10.56	0.39	4.58	0.777
SUB-12330	13.59	0.00	0.00	1.68	10.83	0.23	2.91	0.797
SUB-12332	13.59	0.00	0.00	1.68	11.15	0.24	3.17	0.821
SUB-12334	13.59	0.00	0.00	1.68	10.51	0.42	4.94	0.773
SUB-12336	13.59	0.00	0.00	1.68	10.90	0.20	2.53	0.802
SUB-12340	13.59	0.00	0.00	1.60	10.14	0.61	6.76	0.746
SUB-12344	13.59	0.00	0.00	1.68	10.41	0.50	5.74	0.766
SUB-12346	13.59	0.00	0.00	1.68	10.38	0.52	5.94	0.764
SUB-12348	13.59	0.00	0.00	1.63	10.14	0.67	7.33	0.746
SUB-12350	13.59	0.00	0.00	1.63	10.16	0.65	7.16	0.747
SUB-12352	13.59	0.00	0.00	1.68	10.13	0.76	8.35	0.745
SUB-12354	13.59	0.00	0.00	1.68	10.03	0.88	9.46	0.738
SUB-12356	13.59	0.00	0.00	1.62	10.30	0.52	5.87	0.758
SUB-12358	13.59	0.00	0.00	1.68	10.54	0.40	4.76	0.775
SUB-12362	13.59	0.00	0.00	1.68	11.20	0.10	1.28	0.824
SUB-12364	13.59	0.00	0.00	1.40	10.97	0.12	1.36	0.807
SUB-12366	13.59	0.00	0.00	1.54	11.00	0.13	1.64	0.810
SUB-12368	13.59	0.00	0.00	0.32	7.19	0.27	1.38	0.529
SUB-12372	13.59	0.00	0.00	0.87	8.06	0.30	2.63	0.593
SUB-12374	13.59	0.00	0.00	0.95	9.15	0.77	7.02	0.673

SUB-12376	13.59	0.00	0.00	0.94	11.27	0.48	4.35	0.829
SUB-12380	13.59	0.00	0.00	0.95	10.28	1.07	9.65	0.757
SUB-12382	13.59	0.00	0.00	0.31	8.90	0.33	1.50	0.655
SUB-12386	13.59	0.00	0.00	0.34	7.85	0.29	1.48	0.577
SUB-12388	13.59	0.00	0.00	0.34	7.24	0.40	2.11	0.533
SUB-12394	13.59	0.00	0.00	0.95	9.34	0.33	3.00	0.687
SUB-12396	13.59	0.00	0.00	0.95	8.18	0.79	7.19	0.602
SUB-12398	13.59	0.00	0.00	0.95	9.48	0.29	2.68	0.698
SUB-12400	13.59	0.00	0.00	0.95	9.87	0.21	1.92	0.726
SUB-12402	13.59	0.00	0.00	0.95	8.39	0.68	6.16	0.618
SUB-12404	13.59	0.00	0.00	0.95	8.84	0.48	4.41	0.651
SUB-12408	13.59	0.00	0.00	0.95	7.55	1.26	11.32	0.556
SUB-12410	13.59	0.00	0.00	0.95	9.09	0.40	3.64	0.669
SUB-12414	13.59	0.00	0.00	0.95	8.51	0.62	5.68	0.626
SUB-12418	13.59	0.00	0.00	0.95	8.13	0.82	7.48	0.598
SUB-12420	13.59	0.00	0.00	0.95	9.19	0.37	3.37	0.676
SUB-12422	13.59	0.00	0.00	0.95	9.05	0.41	3.77	0.666
SUB-12424	13.59	0.00	0.00	0.38	7.54	0.37	2.04	0.555
SUB-12428	13.59	0.00	0.00	0.39	8.37	0.24	1.31	0.616
SUB-12430	13.59	0.00	0.00	0.87	8.11	0.70	6.21	0.596
SUB-12432	13.59	0.00	0.00	1.68	10.78	0.26	3.19	0.793
SUB-12434	13.59	0.00	0.00	0.92	8.73	0.50	4.48	0.642
SUB-12438	13.59	0.00	0.00	1.68	10.34	1.14	13.00	0.761
SUB-12442	13.59	0.00	0.00	1.68	11.45	0.14	1.91	0.842
SUB-12444	13.59	0.00	0.00	0.33	8.40	0.28	1.32	0.618
SUB-12446	13.59	0.00	0.00	0.42	7.97	0.31	1.79	0.587
SUB-12448	13.59	0.00	0.00	1.68	10.97	0.57	7.28	0.807
SUB-12450	13.59	0.00	0.00	1.68	10.64	0.33	4.03	0.783
SUB-12452	13.59	0.00	0.00	1.68	10.53	0.41	4.81	0.775
SUB-12454	13.59	0.00	0.00	1.55	10.32	0.42	4.80	0.759
SUB-12456	13.59	0.00	0.00	1.57	10.56	0.30	3.54	0.777
SUB-12458	13.59	0.00	0.00	1.38	10.19	0.34	3.71	0.750
SUB-12460	13.59	0.00	0.00	0.00	11.09	0.50	5.00	0.816

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Node Depth Summary
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Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum Run HGL Feet	Time of Max Occurrence days hr:min	Maximum Output HGL Feet	Time of Max Occurrence days hr:min
J-102	JUNCTION	4.32	9.02	4.46	2 17:36	4.46	2 17:37
J-104	JUNCTION	4.45	8.94	4.38	2 17:39	4.38	2 17:40
J-106	JUNCTION	3.63	8.92	4.36	2 17:48	4.36	2 17:48
J-109	JUNCTION	4.30	8.72	4.16	2 18:56	4.16	2 18:56
J-11	JUNCTION	3.93	8.12	3.56	2 18:34	3.56	2 18:35
J-110	JUNCTION	4.54	8.29	4.16	2 19:00	4.16	2 19:01
J-113	JUNCTION	4.36	8.61	4.05	2 20:04	4.05	2 20:05
J-114	JUNCTION	4.35	8.61	4.05	2 20:08	4.05	2 20:09
J-118	JUNCTION	4.30	8.60	4.04	2 20:09	4.04	2 20:10
J-12	JUNCTION	3.92	8.12	3.56	2 18:28	3.56	2 18:29
J-121	JUNCTION	3.63	8.92	4.36	2 17:44	4.36	2 17:45
J-126	JUNCTION	5.25	8.08	4.52	2 18:35	4.52	2 18:35
J-126A	JUNCTION	5.25	8.51	4.95	2 18:50	4.91	2 18:58
J-127	JUNCTION	4.95	7.91	4.35	2 18:21	4.35	2 18:21
J-128	JUNCTION	4.03	7.89	4.33	2 18:38	4.33	2 18:39
J-129	JUNCTION	3.42	7.60	4.04	2 20:11	4.04	2 20:11
J-130	JUNCTION	3.46	7.43	3.87	2 20:33	3.87	2 20:33
J-131	JUNCTION	3.48	7.15	3.59	2 20:33	3.59	2 20:33
J-132	JUNCTION	3.58	7.47	3.91	2 20:35	3.91	2 20:35
J-137	JUNCTION	3.49	7.53	3.97	2 20:40	3.97	2 20:41
J-139	JUNCTION	3.35	7.61	4.05	2 20:44	4.05	2 20:45
J-140	JUNCTION	3.44	7.78	4.22	2 20:43	4.22	2 20:43
J-147	JUNCTION	3.50	8.06	4.50	2 20:23	4.50	2 20:24
J-148	JUNCTION	3.45	8.14	4.58	2 20:09	4.58	2 20:09
J-149	JUNCTION	3.44	8.14	4.58	2 20:09	4.58	2 20:09
J-15	JUNCTION	3.51	8.08	4.02	2 16:53	4.02	2 17:07
J-152	JUNCTION	3.47	8.20	4.64	2 19:39	4.64	2 19:39
J-153	JUNCTION	3.43	8.23	4.67	2 19:12	4.67	2 19:12
J-155	JUNCTION	3.42	8.25	4.69	2 18:09	4.69	2 18:09
J-156	JUNCTION	3.43	8.35	4.79	2 17:00	4.79	2 17:00
J-158	JUNCTION	3.32	8.46	4.90	2 16:05	4.90	2 16:05
J-158A	JUNCTION	3.32	8.50	4.94	2 16:07	4.93	2 16:17
J-15A	JUNCTION	0.78	4.05	4.05	2 16:50	4.05	2 16:49
J-160	JUNCTION	3.35	8.47	4.91	2 16:03	4.91	2 16:04
J-161	JUNCTION	3.34	6.84	3.28	2 12:56	3.28	2 12:56
J-162	JUNCTION	3.34	7.31	3.75	2 21:34	3.75	2 18:40

J-163	JUNCTION	3.37	6.66	3.10	2	12:24	3.10	2	12:25
J-164	JUNCTION	3.40	6.51	2.95	2	08:39	2.95	2	21:20
J-165	JUNCTION	3.39	6.60	3.04	1	09:59	3.04	0	13:45
J-166	JUNCTION	3.38	6.37	2.81	1	08:20	2.81	1	19:52
J-167	JUNCTION	3.34	6.02	2.46	1	21:36	2.46	1	08:47
J-168	JUNCTION	3.40	6.16	2.60	1	09:44	2.60	1	05:59
J-169	JUNCTION	3.44	6.47	2.91	2	12:23	2.91	2	12:24
J-170	JUNCTION	3.41	6.56	3.00	2	12:24	3.00	2	12:24
J-174	JUNCTION	3.39	8.47	4.91	2	16:03	4.91	2	16:03
J-175	JUNCTION	3.34	8.47	4.91	2	15:59	4.91	2	15:59
J-176	JUNCTION	3.34	8.47	4.91	2	16:05	4.91	2	16:06
J-179	JUNCTION	3.80	8.98	4.92	2	16:06	4.92	2	16:07
J-18	JUNCTION	3.03	7.58	4.02	2	16:47	4.02	2	16:54
J-180	JUNCTION	3.38	8.10	4.54	2	18:00	4.54	2	18:00
J-180A	JUNCTION	3.37	8.64	5.08	2	20:13	5.01	2	18:53
J-185	JUNCTION	3.86	8.68	4.62	2	16:48	4.62	2	16:58
J-185A	JUNCTION	3.37	8.46	4.90	2	18:41	4.79	2	17:57
J-188	JUNCTION	3.89	9.03	4.97	2	16:21	4.96	2	16:27
J-188A	JUNCTION	3.39	8.76	5.20	2	17:06	5.13	2	16:38
J-191	JUNCTION	3.21	7.82	4.26	2	17:20	4.25	2	17:22
J-191A	JUNCTION	3.21	8.14	4.58	2	17:25	4.55	2	17:26
J-195	JUNCTION	3.62	8.55	4.99	2	16:28	4.98	2	16:23
J-195A	JUNCTION	3.62	8.78	5.22	2	16:28	5.13	2	16:34
J-198	JUNCTION	3.71	8.53	4.97	2	16:09	4.97	2	16:09
J-199	JUNCTION	3.61	8.42	4.86	2	16:53	4.86	2	16:54
J-19A	JUNCTION	3.03	7.67	4.11	2	17:35	4.09	2	16:50
J-203	JUNCTION	3.57	8.39	4.83	2	17:04	4.83	2	17:05
J-204	JUNCTION	3.58	8.39	4.83	2	17:02	4.83	2	17:02
J-206	JUNCTION	3.58	8.24	4.68	2	17:12	4.68	2	17:12
J-208	JUNCTION	3.53	8.21	4.65	2	17:10	4.65	2	17:11
J-209	JUNCTION	3.57	8.21	4.65	2	17:08	4.65	2	17:09
J-212	JUNCTION	3.60	8.19	4.63	2	17:07	4.63	2	17:07
J-213	JUNCTION	3.53	8.19	4.63	2	16:36	4.63	2	16:37
J-213A	JUNCTION	3.53	8.46	4.90	2	18:41	4.89	2	18:43
J-217	JUNCTION	7.41	12.27	4.58	2	19:01	4.58	2	19:01
J-218	JUNCTION	6.93	11.69	4.55	2	19:12	4.55	2	19:12
J-222	JUNCTION	5.08	9.72	4.55	2	18:57	4.55	2	18:57
J-223	JUNCTION	4.99	9.61	4.55	2	18:56	4.55	2	18:57
J-223A	JUNCTION	3.53	8.55	4.99	2	18:49	4.97	2	19:59
J-225	JUNCTION	3.51	8.00	4.44	2	17:40	4.44	2	17:40
J-226	JUNCTION	3.51	7.99	4.43	2	17:41	4.43	2	17:41
J-232	JUNCTION	3.52	7.95	4.39	2	17:35	4.39	2	17:36
J-233	JUNCTION	3.49	7.89	4.33	2	17:29	4.33	2	17:29
J-235	JUNCTION	3.44	7.89	4.33	2	17:28	4.33	2	17:28
J-238	JUNCTION	4.52	8.72	4.16	2	16:54	4.16	2	16:55
J-24	JUNCTION	3.07	7.64	4.08	2	16:56	4.08	2	16:56
J-242	JUNCTION	3.58	7.73	4.17	2	16:54	4.17	2	16:54
J-244	JUNCTION	3.62	7.70	4.14	2	16:25	4.14	2	16:25
J-247	JUNCTION	3.64	7.70	4.14	2	16:25	4.14	2	16:26
J-248	JUNCTION	3.58	7.62	4.06	2	16:50	4.06	2	16:50
J-249	JUNCTION	3.56	7.62	4.06	2	16:50	4.06	2	16:50
J-25	JUNCTION	3.04	7.64	4.08	2	16:55	4.08	2	16:55
J-253	JUNCTION	4.89	6.53	2.97	2	14:01	2.97	2	14:02
J-254	JUNCTION	4.88	6.46	2.90	2	14:00	2.90	2	14:00
J-256	JUNCTION	4.87	6.41	2.85	2	13:55	2.85	2	13:55
J-259	JUNCTION	4.76	5.98	2.42	2	13:55	2.42	2	13:56
J-25A	JUNCTION	3.04	7.66	4.10	2	16:52	4.09	2	16:54
J-260	JUNCTION	3.78	4.88	1.32	2	02:23	1.29	2	15:44
J-261	JUNCTION	3.15	4.82	1.26	2	15:44	1.26	2	14:48
J-261-WEIR	JUNCTION	3.62	4.74	1.18	1	09:54	1.12	2	14:48
J-262	JUNCTION	3.80	6.57	3.01	1	09:54	3.00	1	09:54
J-266	JUNCTION	3.51	6.79	3.23	2	17:29	3.23	2	17:29
J-267	JUNCTION	3.98	7.38	3.32	2	17:20	3.32	2	17:21
J-268	JUNCTION	4.47	8.20	3.64	2	16:38	3.64	2	16:36
J-268-WEIR	JUNCTION	3.31	8.18	3.62	2	16:48	3.62	2	16:32
J-269	JUNCTION	4.48	8.27	3.71	2	16:36	3.71	2	16:50
J-27	JUNCTION	3.05	7.69	4.13	2	16:36	4.13	2	16:36
J-271	JUNCTION	3.23	6.57	3.07	0	00:00	2.24	0	00:01
J-275	JUNCTION	4.49	8.18	3.62	2	16:37	3.62	2	16:37
J-278	JUNCTION	3.36	5.18	1.62	2	23:32	1.62	2	23:35
J-27A	JUNCTION	3.05	7.76	4.20	2	16:50	4.19	2	17:10
J-280	JUNCTION	3.50	5.61	2.05	2	02:57	2.05	2	02:58
J-281	JUNCTION	3.67	6.38	2.82	2	13:37	2.82	2	13:38
J-282	JUNCTION	3.73	6.64	3.08	2	13:32	3.08	2	13:33
J-283	JUNCTION	3.76	6.83	3.27	2	17:04	3.27	2	17:04
J-284	JUNCTION	3.77	6.93	3.37	2	17:13	3.37	2	17:14
J-284-WEIR	JUNCTION	0.30	3.33	3.33	2	17:13	3.33	2	17:14
J-285	JUNCTION	4.82	8.18	3.62	2	16:37	3.62	2	16:38
J-286	JUNCTION	3.85	7.70	3.64	2	16:28	3.64	2	16:28
J-288	JUNCTION	3.79	6.99	3.43	2	18:25	3.43	2	18:25

J-288A	JUNCTION	3.79	7.09	3.53	2	18:17	3.51	2	19:20
J-290	JUNCTION	3.33	8.13	4.57	2	13:42	4.57	2	13:42
J-290A	JUNCTION	0.86	4.66	4.66	2	13:41	4.66	2	13:51
J-293	JUNCTION	3.31	7.79	4.23	2	14:34	4.23	2	14:35
J-295	JUNCTION	3.29	7.73	4.17	2	14:40	4.17	2	14:40
J-296	JUNCTION	3.31	7.67	4.11	2	14:45	4.11	2	14:46
J-297	JUNCTION	3.26	7.30	3.74	2	15:42	3.74	2	15:43
J-30	JUNCTION	3.08	7.70	4.14	2	16:49	4.14	2	16:49
J-300	JUNCTION	3.74	7.79	3.73	2	15:50	3.73	2	15:51
J-301	JUNCTION	3.86	7.77	3.71	2	16:12	3.71	2	16:13
J-304	JUNCTION	3.02	7.81	3.75	2	15:32	3.75	2	15:32
J-305	JUNCTION	2.98	7.81	3.75	2	15:11	3.75	2	15:12
J-31	JUNCTION	3.04	7.71	4.15	2	17:04	4.15	2	16:58
J-310	JUNCTION	2.49	7.31	3.75	2	15:12	3.75	2	15:13
J-312	JUNCTION	2.48	7.31	3.75	2	15:12	3.75	2	15:13
J-314	JUNCTION	2.49	7.35	3.79	2	14:24	3.79	2	14:25
J-314A	JUNCTION	2.49	7.35	3.79	2	14:25	3.79	2	14:28
J-317	JUNCTION	2.58	7.63	4.07	2	16:34	4.07	2	16:35
J-31A	JUNCTION	3.04	7.86	4.30	2	17:01	4.25	2	16:49
J-321	JUNCTION	2.57	7.69	4.13	2	16:31	4.13	2	16:49
J-321A	JUNCTION	2.56	7.75	4.19	2	17:01	4.17	2	16:42
J-323	JUNCTION	2.59	7.68	4.12	2	16:39	4.12	2	16:40
J-324	JUNCTION	2.58	7.71	4.15	2	16:51	4.15	2	17:05
J-324A	JUNCTION	2.57	7.80	4.24	2	18:50	4.21	2	17:41
J-327	JUNCTION	3.07	7.64	4.08	2	16:56	4.08	2	16:56
J-328	JUNCTION	3.05	7.66	4.10	2	16:50	4.10	2	16:49
J-328A	JUNCTION	0.80	4.22	4.22	2	16:38	4.22	2	16:45
J-33	JUNCTION	3.03	7.62	4.06	2	17:07	4.06	2	17:06
J-333	JUNCTION	3.34	8.07	4.51	2	16:36	4.51	2	16:37
J-334	JUNCTION	3.25	7.95	4.39	2	16:55	4.39	2	16:55
J-335	JUNCTION	3.22	7.77	4.21	2	17:44	4.21	2	17:44
J-341	JUNCTION	3.10	7.37	3.81	2	18:36	3.81	2	18:37
J-341A	JUNCTION	3.10	7.37	3.81	2	18:35	3.81	2	18:40
J-342	JUNCTION	3.12	7.97	4.41	2	20:03	4.41	2	20:03
J-343	JUNCTION	3.63	8.44	4.38	2	20:16	4.37	2	20:17
J-348	JUNCTION	3.13	7.67	4.11	2	20:20	4.11	2	20:20
J-351	JUNCTION	2.99	7.34	3.78	2	18:18	3.78	2	18:18
J-351A	JUNCTION	2.99	7.39	3.83	2	18:17	3.80	2	18:19
J-354	JUNCTION	4.81	7.36	3.80	2	20:49	3.80	2	20:49
J-354A	JUNCTION	4.81	7.36	3.80	2	21:03	3.80	2	21:04
J-354B	JUNCTION	4.82	8.06	4.50	3	00:27	4.46	3	00:28
J-355	JUNCTION	4.90	7.80	4.24	2	20:49	4.24	2	20:44
J-355A	JUNCTION	4.90	7.85	4.29	2	20:14	4.26	2	21:51
J-359	JUNCTION	3.57	8.32	4.26	2	20:48	4.26	2	20:48
J-36	JUNCTION	3.09	7.63	4.07	2	17:06	4.07	2	17:07
J-362	JUNCTION	2.83	8.05	4.49	2	20:23	4.49	2	20:24
J-363	JUNCTION	2.89	8.09	4.53	2	20:23	4.53	2	20:24
J-364	JUNCTION	2.84	8.10	4.54	2	20:18	4.54	2	20:18
J-367	JUNCTION	3.19	8.09	4.53	2	20:09	4.53	2	20:10
J-368	JUNCTION	3.12	8.10	4.54	2	20:09	4.54	2	20:09
J-369	JUNCTION	3.15	8.10	4.54	2	20:11	4.54	2	20:11
J-374	JUNCTION	2.85	8.10	4.54	2	20:17	4.54	2	20:17
J-375	JUNCTION	3.61	8.60	4.54	2	20:08	4.54	2	20:08
J-380	JUNCTION	3.32	8.60	4.54	2	20:14	4.54	2	20:15
J-380A	JUNCTION	2.83	8.20	4.64	2	20:14	4.63	2	20:52
J-381	JUNCTION	4.33	9.60	4.54	2	20:17	4.54	2	20:17
J-384	JUNCTION	4.22	9.10	4.54	2	20:06	4.54	2	20:07
J-385	JUNCTION	3.21	8.10	4.54	2	20:21	4.54	2	20:22
J-388	JUNCTION	4.25	9.10	4.54	2	20:41	4.54	2	20:42
J-389	JUNCTION	3.70	8.60	4.54	2	20:42	4.54	2	20:42
J-393	JUNCTION	3.76	8.60	4.54	2	20:42	4.54	2	20:42
J-396	JUNCTION	3.85	8.64	4.58	2	16:20	4.58	2	16:20
J-399	JUNCTION	3.25	8.14	4.58	2	16:19	4.58	2	16:19
J-40	JUNCTION	3.11	7.73	4.17	2	17:35	4.17	2	17:35
J-402	JUNCTION	3.18	8.81	5.25	2	12:49	5.25	2	12:49
J-402A	JUNCTION	3.18	8.81	5.25	2	12:49	5.25	2	12:49
J-405	JUNCTION	3.18	8.31	4.75	2	15:56	4.75	2	15:57
J-407	JUNCTION	3.18	8.30	4.74	2	15:57	4.74	2	15:58
J-409	JUNCTION	3.64	8.79	4.73	2	16:12	4.73	2	16:13
J-40A	JUNCTION	3.11	7.78	4.22	2	17:40	4.22	2	17:41
J-40B	JUNCTION	3.11	7.85	4.29	2	17:52	4.27	2	16:46
J-40C	JUNCTION	3.11	7.77	4.21	2	16:58	4.19	2	19:29
J-410	JUNCTION	3.72	8.79	4.73	2	16:13	4.73	2	16:14
J-412	JUNCTION	3.14	8.28	4.72	2	16:20	4.72	2	16:20
J-414	JUNCTION	3.19	8.38	4.82	2	15:48	4.82	2	15:48
J-415	JUNCTION	4.73	10.05	4.89	2	15:46	4.89	2	15:46
J-415A	JUNCTION	3.16	8.47	4.91	2	16:08	4.90	2	15:56
J-415B	JUNCTION	0.95	4.92	4.92	2	15:46	4.91	2	15:45
J-416	JUNCTION	4.14	9.36	4.80	2	15:48	4.80	2	15:48
J-417	JUNCTION	4.13	9.11	4.55	2	20:38	4.55	2	20:38

J-42	JUNCTION	3.05	7.66	4.10	2	18:08	4.10	2	18:08
J-421	JUNCTION	3.15	8.11	4.55	2	20:38	4.55	2	20:38
J-422	JUNCTION	3.14	8.13	4.57	2	20:34	4.57	2	20:35
J-422A	JUNCTION	3.14	8.25	4.69	2	21:01	4.67	2	21:06
J-423	JUNCTION	4.67	9.46	4.40	2	22:12	4.40	2	22:12
J-423A	JUNCTION	3.18	8.06	4.50	2	22:25	4.50	2	22:04
J-424	JUNCTION	3.23	7.97	4.41	2	22:05	4.41	2	22:05
J-427	JUNCTION	3.25	7.98	4.42	2	23:21	4.42	2	23:21
J-42A	JUNCTION	3.05	7.66	4.10	2	18:08	4.10	2	18:08
J-430	JUNCTION	3.22	8.00	4.44	2	23:20	4.44	2	23:20
J-430A	JUNCTION	3.22	8.19	4.63	3	00:29	4.58	3	00:35
J-431	JUNCTION	5.91	9.98	4.44	2	23:29	4.44	2	23:29
J-431A	JUNCTION	3.99	8.19	4.63	3	00:27	4.62	2	23:57
J-432	JUNCTION	5.78	9.82	4.44	2	23:30	4.44	2	23:30
J-432B	JUNCTION	1.12	4.45	4.45	2	23:29	4.45	3	00:10
J-433	JUNCTION	3.97	7.94	4.41	3	00:12	4.41	3	00:13
J-434	JUNCTION	4.02	7.97	4.41	3	00:13	4.41	3	00:13
J-435	JUNCTION	3.99	7.96	4.40	3	00:26	4.40	3	00:27
J-436	JUNCTION	4.52	7.96	4.40	3	00:17	4.40	3	00:17
J-437	JUNCTION	4.60	7.96	4.40	3	00:19	4.40	3	00:20
J-438	JUNCTION	4.54	7.90	4.34	3	00:22	4.34	3	00:23
J-439	JUNCTION	4.52	7.90	4.34	3	00:18	4.34	3	00:25
J-440	JUNCTION	5.87	9.02	3.96	2	22:05	3.96	2	22:05
J-441	JUNCTION	4.37	7.59	4.03	3	00:28	3.98	3	00:48
J-444	JUNCTION	4.62	9.25	4.19	2	22:14	4.19	2	22:15
J-444-WEIR	JUNCTION	5.92	9.25	4.19	2	22:14	4.19	2	22:15
J-445	JUNCTION	4.62	9.26	4.20	2	22:14	4.20	2	22:15
J-448	JUNCTION	4.99	7.93	4.37	2	22:07	4.37	2	22:08
J-450	JUNCTION	4.69	9.41	4.35	2	22:12	4.35	2	22:13
J-454	JUNCTION	4.98	7.93	4.37	2	22:06	4.37	2	22:06
J-455	JUNCTION	5.31	8.12	4.56	2	21:59	4.56	2	22:00
J-459	JUNCTION	5.75	8.55	4.56	2	22:00	4.56	2	22:00
J-459A	JUNCTION	5.32	8.25	4.69	2	23:50	4.66	2	22:31
J-460-NEW	JUNCTION	5.48	8.67	5.11	3	00:44	5.10	3	00:44
J-463	JUNCTION	5.48	8.67	5.11	3	00:43	5.11	3	00:43
J-466	JUNCTION	5.99	10.83	7.27	3	00:42	7.03	3	00:42
J-468	JUNCTION	5.88	9.90	6.34	2	17:35	6.32	2	17:35
J-47	JUNCTION	4.44	6.58	2.72	2	12:19	2.72	2	12:20
J-470	JUNCTION	4.22	6.78	3.22	2	01:03	3.19	2	01:03
J-471	JUNCTION	5.04	10.06	6.50	3	00:44	6.46	3	00:44
J-478	JUNCTION	3.46	6.44	2.88	1	06:10	2.86	2	10:02
J-479	JUNCTION	4.28	6.29	2.73	2	10:06	2.73	2	10:08
J-480	JUNCTION	3.49	6.50	2.94	1	16:07	2.94	2	04:52
J-481	JUNCTION	3.76	6.57	3.01	1	21:54	3.00	1	08:00
J-482	JUNCTION	3.60	6.59	3.03	1	11:49	3.02	0	21:30
J-484	JUNCTION	3.88	6.80	3.07	1	15:57	3.06	1	15:58
J-485	JUNCTION	3.77	6.60	3.03	0	06:24	3.02	1	14:55
J-486	JUNCTION	3.75	6.42	2.86	2	10:03	2.85	2	10:04
J-487	JUNCTION	3.78	6.64	3.08	0	19:31	3.08	0	22:36
J-489	JUNCTION	3.70	6.51	2.95	2	04:52	2.95	1	07:58
J-491	JUNCTION	3.86	6.37	2.81	2	12:16	2.81	2	12:16
J-492	JUNCTION	4.06	6.65	3.09	1	17:42	3.08	2	11:13
J-493	JUNCTION	4.15	6.94	3.38	2	20:30	3.38	2	20:30
J-495	JUNCTION	4.10	6.98	3.42	2	12:06	3.42	2	12:07
J-497	JUNCTION	4.21	7.01	3.45	2	20:44	3.45	2	20:44
J-498	JUNCTION	2.96	7.15	3.59	2	20:21	3.59	2	20:21
J-498A	JUNCTION	2.96	7.19	3.63	2	21:18	3.60	2	21:19
J-499	JUNCTION	2.96	7.15	3.59	2	20:28	3.59	2	20:29
J-5	JUNCTION	4.31	8.52	3.46	2	19:08	3.46	2	19:09
J-50	JUNCTION	4.28	7.19	3.48	2	15:56	3.47	2	14:38
J-500	JUNCTION	2.96	7.15	3.59	2	20:28	3.59	2	20:29
J-505	JUNCTION	2.96	7.15	3.59	2	20:29	3.59	2	20:29
J-508	JUNCTION	2.96	7.15	3.59	2	20:29	3.59	2	20:29
J-51	JUNCTION	4.49	6.94	2.98	3	05:32	2.90	2	23:54
J-512	JUNCTION	3.00	7.13	3.57	2	20:36	3.57	2	20:36
J-518	JUNCTION	3.11	7.12	3.56	2	20:34	3.56	2	20:35
J-53	JUNCTION	3.63	8.93	4.17	2	19:09	4.17	2	19:09
J-534	JUNCTION	5.41	8.16	4.60	2	21:43	4.60	2	21:38
J-537	JUNCTION	5.99	9.78	6.22	2	20:25	6.22	2	20:26
J-539	JUNCTION	6.02	9.83	6.27	2	19:48	6.27	2	19:49
J-539-WEIR	JUNCTION	5.89	9.90	6.34	2	17:33	6.33	2	17:34
J-539A	JUNCTION	6.01	12.16	8.60	2	17:24	6.69	2	15:57
J-54	JUNCTION	3.63	8.93	4.17	2	19:06	4.17	2	19:12
J-541	JUNCTION	5.94	9.86	6.30	2	19:56	6.30	2	19:56
J-544	JUNCTION	4.18	6.92	3.36	2	20:33	3.36	2	20:40
J-548	JUNCTION	4.08	6.73	3.17	2	16:30	3.12	3	05:28
J-54A	JUNCTION	0.81	4.18	4.18	2	17:06	4.17	2	19:14
J-54B	JUNCTION	0.81	4.45	4.45	2	16:55	4.45	2	16:46
J-550	JUNCTION	3.94	6.68	3.12	3	05:33	3.11	0	22:44
J-553	JUNCTION	4.29	7.13	3.28	2	21:02	3.27	2	21:06

J-554	JUNCTION	4.40	7.92	3.88	2	20:19	3.87	1	21:36
J-555	JUNCTION	4.85	8.29	3.89	1	17:38	3.89	2	08:28
J-557	JUNCTION	6.65	7.61	-0.33	2	07:43	-0.70	0	08:50
J-558	JUNCTION	5.67	6.30	-0.68	0	10:12	-0.77	0	09:54
J-559	JUNCTION	3.73	6.40	2.84	0	06:41	2.84	1	04:54
J-560	JUNCTION	3.76	6.32	2.76	1	20:23	2.75	2	21:42
J-561	JUNCTION	3.74	8.02	4.02	0	00:00	1.22	0	08:34
J-563	JUNCTION	2.85	7.00	3.44	2	19:03	3.44	2	19:04
J-563A	JUNCTION	2.85	7.01	3.45	2	18:23	3.45	2	18:12
J-565	JUNCTION	4.32	8.50	3.44	2	19:01	3.44	2	19:01
J-566	JUNCTION	4.23	8.39	3.33	2	19:15	3.33	2	18:59
J-566-WEIR	JUNCTION	0.61	3.69	3.69	2	23:25	3.52	2	21:51
J-567	JUNCTION	1.44	8.01	4.01	2	12:19	4.01	2	12:05
J-568	JUNCTION	2.49	11.91	3.28	2	19:33	3.28	2	19:34
J-569	JUNCTION	1.98	9.58	3.33	2	20:01	3.33	2	20:02
J-570	JUNCTION	2.79	6.89	3.33	2	19:00	3.33	2	19:00
J-571	JUNCTION	4.75	6.99	3.43	2	18:15	3.43	2	18:15
J-571A	JUNCTION	4.75	7.03	3.47	3	05:48	3.44	2	18:12
J-571B	JUNCTION	4.75	7.10	3.54	2	18:18	3.53	2	18:03
J-572A	JUNCTION	3.29	7.35	3.79	2	13:02	3.42	2	12:28
J-572B	JUNCTION	3.29	7.19	3.63	2	13:02	3.37	2	12:28
J-575	JUNCTION	3.73	8.01	4.01	0	00:00	0.61	2	09:03
J-576	JUNCTION	3.84	7.10	3.04	1	19:27	3.04	1	19:12
J-577	JUNCTION	3.35	6.56	3.00	2	12:36	3.00	2	12:55
J-578	JUNCTION	3.67	7.10	3.04	2	08:10	3.04	1	19:25
J-58	JUNCTION	3.63	8.93	4.17	2	19:02	4.17	2	19:01
J-581	JUNCTION	4.75	8.10	3.04	3	00:58	3.04	3	05:20
J-585	JUNCTION	4.08	7.70	3.64	2	12:59	3.64	2	13:00
J-585B	JUNCTION	4.09	7.92	3.86	2	13:02	3.65	2	12:52
J-588	JUNCTION	4.67	8.21	3.65	2	12:56	3.65	2	12:57
J-58A	JUNCTION	3.63	8.99	4.23	2	19:03	4.22	2	19:17
J-59	JUNCTION	3.63	8.91	4.15	2	16:49	4.15	2	16:50
J-591	JUNCTION	5.92	9.33	3.27	2	13:10	3.27	2	13:05
J-591A	JUNCTION	5.92	9.34	3.28	2	13:05	3.28	2	13:08
J-591B	JUNCTION	5.92	9.70	3.64	2	13:02	3.49	2	13:03
J-596	JUNCTION	4.83	8.75	3.88	2	12:26	3.88	2	12:27
J-596A	JUNCTION	5.88	9.43	3.87	2	12:19	3.87	2	12:19
J-598	JUNCTION	3.24	7.18	3.62	2	13:02	3.62	2	13:03
J-598A	JUNCTION	3.24	7.18	3.62	2	13:03	3.62	2	13:04
J-598B	JUNCTION	3.24	7.18	3.62	2	13:02	3.62	2	13:04
J-59A	JUNCTION	3.63	9.08	4.32	2	19:26	4.31	2	18:41
J-59B	JUNCTION	3.63	9.00	4.24	2	18:52	4.24	2	18:53
J-5A	JUNCTION	4.30	8.57	3.51	2	20:14	3.50	2	20:27
J-6	JUNCTION	4.08	8.22	3.46	2	19:11	3.46	2	19:12
J-60	JUNCTION	3.63	8.92	4.16	2	19:08	4.16	2	19:09
J-601	JUNCTION	3.25	6.63	3.07	2	13:00	3.07	2	13:01
J-602	JUNCTION	3.19	6.51	2.95	2	12:57	2.95	2	12:57
J-603	JUNCTION	3.38	6.56	3.00	0	09:09	3.00	0	09:10
J-604	JUNCTION	3.35	5.57	2.01	1	21:44	2.00	1	21:34
J-606	JUNCTION	3.63	6.62	2.56	2	12:23	2.56	2	12:23
J-607	JUNCTION	3.62	6.65	2.59	2	12:25	2.59	2	12:25
J-609	JUNCTION	3.18	6.47	2.91	2	12:55	2.91	2	12:55
J-61	JUNCTION	3.63	8.93	4.17	2	19:08	4.17	2	19:08
J-611	JUNCTION	3.30	7.44	3.88	2	12:18	3.88	2	12:19
J-611A	JUNCTION	3.74	7.44	3.88	2	12:18	3.88	2	12:19
J-611B	JUNCTION	3.30	7.44	3.88	2	12:18	3.88	2	12:19
J-613	JUNCTION	3.27	6.95	3.39	2	12:56	3.39	2	12:56
J-615	JUNCTION	3.25	6.86	3.30	2	12:58	3.30	2	12:59
J-618	JUNCTION	3.16	7.70	4.14	2	17:53	4.14	2	17:54
J-61A	JUNCTION	0.81	5.32	5.32	3	00:59	4.66	2	22:11
J-623	JUNCTION	3.13	7.71	4.15	2	17:52	4.15	2	17:59
J-624	JUNCTION	3.08	7.70	4.14	2	18:04	4.14	2	18:04
J-624A	JUNCTION	3.08	7.85	4.29	2	18:21	4.27	2	18:19
J-626	JUNCTION	3.09	7.70	4.14	2	17:53	4.14	2	17:53
J-629	JUNCTION	3.19	7.71	4.15	2	17:42	4.15	2	17:43
J-63	JUNCTION	3.26	8.13	4.57	2	16:17	4.57	2	16:17
J-632	JUNCTION	3.19	7.72	4.16	2	17:36	4.16	2	17:37
J-633	JUNCTION	3.59	8.19	4.13	2	17:36	4.13	2	17:37
J-637	JUNCTION	3.13	7.69	4.13	2	17:36	4.13	2	17:37
J-64	JUNCTION	3.22	8.13	4.57	2	16:18	4.57	2	16:19
J-640	JUNCTION	3.14	7.71	4.15	2	19:00	4.15	2	19:01
J-647	JUNCTION	3.07	7.72	4.16	2	19:02	4.16	2	18:57
J-647A	JUNCTION	3.07	7.84	4.28	2	17:04	4.25	2	19:20
J-647B	JUNCTION	0.81	4.64	4.64	3	05:39	4.33	2	19:35
J-650	JUNCTION	3.09	7.53	3.97	2	17:16	3.97	2	17:16
J-653	JUNCTION	3.12	7.64	4.08	2	16:41	4.08	2	16:42
J-653A	JUNCTION	0.82	4.09	4.09	2	16:44	4.08	2	16:45
J-654	JUNCTION	3.11	7.59	4.03	2	16:46	4.02	2	16:53
J-654A	JUNCTION	3.11	7.67	4.11	2	17:39	4.08	2	17:41
J-657	JUNCTION	3.12	7.56	4.00	2	16:57	4.00	2	16:58

J-659	JUNCTION	3.11	7.54	3.98	2	17:15	3.98	2	17:15
J-663	JUNCTION	4.14	8.46	3.90	2	17:31	3.90	2	17:31
J-665	JUNCTION	4.11	8.35	3.79	2	17:43	3.79	2	17:43
J-666	JUNCTION	4.02	8.14	3.58	2	18:23	3.58	2	18:23
J-67	JUNCTION	3.17	7.97	4.41	2	20:07	4.41	2	20:08
J-670	JUNCTION	4.01	8.14	3.58	2	18:23	3.58	2	18:23
J-672	JUNCTION	4.66	7.49	2.93	2	11:15	2.55	2	20:44
J-673	JUNCTION	4.79	8.02	3.46	2	19:33	3.46	2	19:33
J-673A	JUNCTION	4.79	8.06	3.50	2	20:13	3.50	2	20:17
J-678	JUNCTION	4.04	8.13	3.57	2	18:29	3.57	2	18:30
J-67A	JUNCTION	3.16	7.97	4.41	2	20:05	4.41	2	20:06
J-682	JUNCTION	1.25	6.73	4.17	2	13:37	4.17	2	13:38
J-684	JUNCTION	1.23	6.60	4.04	2	13:30	4.04	2	13:31
J-686	JUNCTION	1.18	6.27	3.71	2	12:54	3.71	2	12:55
J-687	JUNCTION	1.12	6.17	3.61	2	12:17	3.61	2	12:17
J-691	JUNCTION	1.06	5.94	3.38	2	12:19	3.38	2	12:20
J-692	JUNCTION	1.00	5.91	3.35	2	12:20	3.35	2	12:20
J-692-WEIR	JUNCTION	2.30	3.81	1.25	2	21:28	1.10	2	21:30
J-693	JUNCTION	2.29	5.19	2.63	0	00:00	0.76	2	21:30
J-697	JUNCTION	3.39	7.56	4.00	0	21:26	4.00	0	23:58
J-7	JUNCTION	3.91	8.02	3.46	2	19:37	3.46	2	19:38
J-700	JUNCTION	3.38	6.85	3.29	1	20:37	3.29	0	08:10
J-701	JUNCTION	3.20	6.80	3.24	0	20:41	3.24	1	07:55
J-702	JUNCTION	3.21	6.81	3.25	0	23:07	3.25	0	23:07
J-705	JUNCTION	3.29	7.05	3.49	0	21:55	3.49	1	21:56
J-707	JUNCTION	3.30	6.75	3.19	0	21:12	3.19	0	21:13
J-710	JUNCTION	3.33	6.95	3.39	2	12:31	3.39	2	12:31
J-712	JUNCTION	2.97	7.73	4.17	2	16:39	4.17	2	16:40
J-714	JUNCTION	3.12	7.72	4.16	2	16:34	4.16	2	16:34
J-719	JUNCTION	3.09	7.48	3.92	2	14:48	3.92	2	14:48
J-72	JUNCTION	3.21	8.13	4.57	2	16:18	4.57	2	16:19
J-721	JUNCTION	2.87	7.19	3.63	2	13:38	3.63	2	13:39
J-725	JUNCTION	2.81	7.27	3.71	2	13:00	3.71	2	13:00
J-728	JUNCTION	2.95	7.28	3.72	2	12:52	3.72	2	12:53
J-73	JUNCTION	3.30	8.16	4.60	2	16:18	4.60	2	16:18
J-734	JUNCTION	3.14	7.31	3.75	2	12:02	3.75	2	12:03
J-734A	JUNCTION	3.14	7.42	3.86	2	12:10	3.82	2	12:03
J-734B	JUNCTION	3.14	7.31	3.75	2	12:02	3.75	2	12:03
J-735	JUNCTION	3.07	7.61	4.05	2	11:56	4.05	2	11:56
J-736	JUNCTION	5.60	12.97	9.41	3	06:00	9.41	3	06:00
J-74	JUNCTION	3.27	8.14	4.58	2	16:17	4.58	2	16:18
J-740	JUNCTION	3.68	8.94	4.18	2	18:56	4.18	2	18:56
J-741	JUNCTION	3.61	9.00	4.24	2	18:33	4.24	2	18:53
J-744	JUNCTION	3.60	9.00	4.24	2	18:43	4.23	2	18:44
J-745	JUNCTION	3.58	9.00	4.24	2	18:39	4.24	2	18:40
J-745A	JUNCTION	2.54	8.10	4.54	2	17:27	4.49	2	18:35
J-748	JUNCTION	5.24	8.55	3.79	2	18:31	3.79	2	18:32
J-748-WEIR-STANTEC	JUNCTION	5.13	8.54	3.78	2	18:31	3.78	2	18:32
J-748A	JUNCTION	4.03	7.35	3.79	2	18:31	3.79	2	18:32
J-749	JUNCTION	5.25	8.55	3.79	2	18:28	3.79	2	18:29
J-750	JUNCTION	5.32	8.51	3.75	2	18:23	3.75	2	18:24
J-750A	JUNCTION	4.10	7.35	3.79	2	18:17	3.77	2	17:54
J-751	JUNCTION	5.45	8.66	3.75	2	18:24	3.75	2	18:25
J-752	JUNCTION	5.93	9.00	3.64	2	20:29	3.64	2	20:29
J-753	JUNCTION	6.02	9.18	3.70	2	20:53	3.70	2	20:54
J-754	JUNCTION	6.14	9.33	3.76	2	20:53	3.76	2	20:53
J-754-WEIR-STANTEC	JUNCTION	5.77	9.00	3.64	2	20:29	3.64	2	20:29
J-754A	JUNCTION	4.14	7.70	4.14	2	22:13	4.09	2	22:13
J-755	JUNCTION	3.60	7.43	3.87	2	12:19	3.87	2	12:19
J-757	JUNCTION	5.49	9.43	3.87	2	12:19	3.87	2	12:19
J-760	JUNCTION	3.05	7.66	4.10	2	18:07	4.10	2	18:07
J-761	JUNCTION	4.33	8.92	4.36	2	17:47	4.36	2	17:47
J-763	JUNCTION	5.91	9.07	4.01	2	22:12	4.01	2	22:12
J-764	JUNCTION	4.40	8.48	3.42	2	19:09	3.42	2	19:02
J-766	JUNCTION	2.78	7.28	3.72	2	12:04	3.72	2	12:05
J-766A	JUNCTION	2.78	7.46	3.90	2	12:09	3.87	2	12:07
J-768	JUNCTION	2.79	7.24	3.68	2	12:54	3.68	2	12:55
J-769	JUNCTION	2.84	7.16	3.60	2	12:56	3.60	2	12:57
J-77	JUNCTION	3.29	8.35	4.79	2	16:39	4.79	2	15:42
J-771	JUNCTION	2.73	7.00	3.44	2	12:50	3.44	2	12:50
J-772	JUNCTION	2.84	6.97	3.41	2	12:46	3.41	2	12:47
J-774	JUNCTION	2.82	6.97	3.41	2	12:46	3.41	2	12:46
J-776	JUNCTION	2.77	6.97	3.41	2	12:36	3.41	2	12:37
J-778	JUNCTION	2.59	6.85	3.29	2	11:56	3.29	2	11:54
J-77A	JUNCTION	3.30	13.34	9.78	2	21:27	7.43	2	22:05
J-77B	JUNCTION	3.29	8.35	4.79	2	16:39	4.79	2	15:43
J-780	JUNCTION	2.59	6.86	3.30	2	11:55	3.30	2	12:03
J-782	JUNCTION	2.58	6.93	3.37	2	12:47	3.37	2	12:48
J-784	JUNCTION	2.57	7.11	3.55	2	12:36	3.55	2	12:37
J-786	JUNCTION	2.51	7.05	3.49	2	12:46	3.49	2	12:47

J-788	JUNCTION	2.47	6.97	3.41	2	12:47	3.41	2	12:47
J-790	JUNCTION	2.47	6.90	3.34	2	12:40	3.34	2	12:41
J-792	JUNCTION	2.85	6.93	3.37	2	18:08	3.37	2	18:09
J-793	JUNCTION	2.90	6.93	3.37	2	18:08	3.37	2	18:09
J-795	JUNCTION	2.44	6.88	3.32	2	12:34	3.32	2	12:34
J-799	JUNCTION	1.90	7.05	3.45	2	19:21	3.44	2	18:58
J-799-WEIR-EAC	JUNCTION	3.72	7.06	3.46	1	16:56	3.45	1	10:38
J-80	JUNCTION	3.41	8.35	4.79	2	15:44	4.79	2	15:44
J-800	JUNCTION	1.90	6.58	2.98	2	15:10	2.98	2	15:10
J-802	JUNCTION	1.91	6.59	2.99	2	15:11	2.99	2	15:12
J-806	JUNCTION	1.85	6.56	2.96	2	15:00	2.96	2	15:00
J-809	JUNCTION	1.84	6.56	2.96	2	14:59	2.96	2	14:59
J-810	JUNCTION	1.85	6.57	2.97	2	14:58	2.97	2	14:59
J-813	JUNCTION	1.86	6.64	3.04	2	14:53	3.04	2	14:54
J-816	JUNCTION	1.88	6.70	3.10	2	14:47	3.10	2	14:48
J-819	JUNCTION	1.88	6.71	3.11	2	14:48	3.11	2	14:49
J-82	JUNCTION	3.94	8.99	4.93	2	16:38	4.93	2	16:22
J-822	JUNCTION	1.90	6.76	3.16	2	14:48	3.16	2	14:48
J-826	JUNCTION	1.97	6.72	3.12	2	15:47	3.12	2	15:47
J-829	JUNCTION	1.95	6.70	3.10	2	15:40	3.10	2	15:41
J-83	JUNCTION	3.87	8.98	4.92	2	16:37	4.92	2	16:38
J-831	JUNCTION	1.95	6.69	3.09	2	15:37	3.09	2	15:37
J-836	JUNCTION	1.94	6.66	3.06	2	15:27	3.06	2	15:28
J-838	JUNCTION	1.56	6.26	2.66	2	13:17	2.66	2	13:17
J-83A	JUNCTION	3.87	14.06	10.00	3	02:31	6.43	3	02:40
J-84	JUNCTION	3.96	8.98	4.92	2	16:38	4.92	2	16:39
J-841	JUNCTION	1.54	6.11	2.51	2	13:36	2.51	2	13:36
J-844	JUNCTION	1.54	6.05	2.45	2	13:43	2.45	2	13:44
J-848	JUNCTION	1.52	6.05	2.45	2	11:54	2.44	2	11:51
J-850	JUNCTION	1.50	6.60	3.00	2	11:53	3.00	2	21:02
J-851	JUNCTION	1.48	6.30	2.70	2	11:53	2.69	2	11:54
J-856	JUNCTION	5.64	7.69	-1.31	2	12:20	-1.34	2	12:20
J-860	JUNCTION	0.48	2.32	-1.28	2	12:20	-1.31	2	12:20
J-863	JUNCTION	0.50	5.69	2.09	2	12:01	-0.70	2	12:20
J-865	JUNCTION	0.52	6.14	2.54	2	12:04	0.17	2	12:18
J-868	JUNCTION	0.53	6.04	2.44	2	12:02	0.52	2	12:05
J-87	JUNCTION	3.91	8.61	4.55	2	17:33	4.55	2	17:33
J-870	JUNCTION	0.54	6.19	2.59	2	12:01	2.59	2	12:01
J-879	JUNCTION	8.42	12.00	3.50	1	18:25	3.50	1	03:56
J-88	JUNCTION	3.92	8.56	4.50	2	17:33	4.50	2	17:33
J-880	JUNCTION	4.12	6.31	2.25	2	12:48	2.25	2	12:49
J-881	JUNCTION	3.73	8.23	4.67	3	01:41	4.67	3	01:41
J-882	JUNCTION	3.76	5.86	2.30	2	12:52	2.30	2	12:52
J-883	JUNCTION	3.77	5.88	2.32	2	12:54	2.32	2	12:54
J-884	JUNCTION	3.75	5.88	2.32	2	12:59	2.32	2	12:59
J-888	JUNCTION	3.09	7.65	4.09	2	18:09	4.09	2	18:10
J-889	JUNCTION	3.07	7.65	4.09	2	18:17	4.09	2	18:17
J-891	JUNCTION	3.06	7.60	4.04	2	18:16	4.04	2	18:16
J-892	JUNCTION	3.05	7.59	4.03	2	18:41	4.03	2	18:42
J-894	JUNCTION	3.04	7.53	3.97	2	19:37	3.97	2	19:38
J-896	JUNCTION	3.02	7.42	3.86	2	19:35	3.86	2	19:36
J-899	JUNCTION	3.06	7.71	4.15	2	18:08	4.14	2	18:09
J-899A	JUNCTION	3.05	7.84	4.28	2	17:56	4.26	2	18:27
J-902	JUNCTION	5.00	8.84	4.38	3	01:06	4.10	3	01:36
J-903	JUNCTION	4.97	8.12	3.75	2	18:14	3.74	2	18:15
J-903A	JUNCTION	4.10	8.10	4.54	3	00:50	4.19	2	18:27
J-910	JUNCTION	3.33	7.56	4.00	2	12:15	4.00	2	12:16
J-912	JUNCTION	3.37	7.60	4.04	2	12:28	4.04	2	12:29
J-917	JUNCTION	3.26	9.50	6.00	1	07:21	6.00	0	23:03
J-918	JUNCTION	3.27	6.54	3.04	0	08:57	3.04	2	08:14
J-920	JUNCTION	3.72	8.00	4.00	0	00:00	0.71	2	21:04
J-934	JUNCTION	2.97	7.35	3.79	2	20:20	3.79	2	19:34
J-934A	JUNCTION	2.98	7.86	4.30	2	23:36	4.20	2	21:59
J-951	JUNCTION	2.88	8.19	4.63	2	20:50	4.63	2	12:03
J-953	JUNCTION	2.99	7.64	4.08	0	20:59	4.07	2	21:58
J-954	JUNCTION	3.99	7.05	3.49	1	09:07	3.48	1	09:08
J-958	JUNCTION	3.72	7.65	6.29	3	00:43	6.29	2	20:20
J-96	JUNCTION	3.85	8.54	4.48	2	17:38	4.48	2	17:31
J-963	JUNCTION	3.93	8.12	3.56	2	18:28	3.56	2	18:28
J-99	JUNCTION	3.47	8.04	4.48	2	17:28	4.48	2	17:29
JCT-24	JUNCTION	4.62	6.01	2.45	3	02:18	2.44	3	03:50
JCT-26	JUNCTION	5.79	9.02	3.08	2	13:11	3.08	2	13:11
JCT-26-WEIR	JUNCTION	6.17	9.01	3.08	2	13:11	3.08	2	13:11
JCT-28	JUNCTION	3.78	7.06	3.00	2	12:54	3.00	2	12:55
JCT-28-WEIR	JUNCTION	3.87	7.06	3.00	2	13:35	2.99	2	12:49
JCT-30	JUNCTION	3.99	8.03	3.47	2	19:33	3.47	2	19:33
JCT-32	JUNCTION	3.26	4.52	0.96	2	12:15	0.86	2	12:15
JCT-32-WEIR	JUNCTION	3.30	4.45	0.89	2	12:15	0.82	2	12:16
JCT-36	JUNCTION	9.30	10.38	1.38	2	12:15	1.38	2	12:15
JCT-46	JUNCTION	4.84	7.72	4.16	2	12:59	4.16	2	12:55

JCT-64	JUNCTION	3.98	8.17	4.17	2	16:56	4.17	2	16:56
J-171	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-263	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-279	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-33A	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-386	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-442	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-561A	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-567A	OUTFALL	0.00	0.00	-4.00	0	00:00	-4.00	0	00:00
J-582	OUTFALL	5.22	6.10	0.60	2	21:00	0.60	0	21:00
J-605	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-671	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-694	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-703	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-909	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-911	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-913	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-919	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-920A	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
J-963A	OUTFALL	2.29	3.16	0.60	2	21:00	0.60	1	21:00
J575A	OUTFALL	3.73	4.60	0.60	2	21:00	0.60	0	21:00
OFALL-10	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-12	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-14	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-16	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-18	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-20	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-22	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-24	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-26	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-28	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-30	OUTFALL	0.00	0.00	-2.00	0	00:00	-2.00	0	00:00
OFALL-32	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-34	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-36	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-38	OUTFALL	0.00	0.00	-2.56	0	00:00	-2.56	0	00:00
OFALL-40	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-42	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-44	OUTFALL	0.00	0.00	-2.50	0	00:00	-2.50	0	00:00
OFALL-46	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-48	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-50	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-52	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-54	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-66	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
WELL-2E	OUTFALL	3.78	6.50	4.00	2	11:53	4.00	2	11:54
WELL-3	OUTFALL	1.78	2.71	1.21	2	12:15	1.21	2	12:15
WELL-4	OUTFALL	1.80	2.85	1.35	2	12:15	1.35	2	12:15
WELL-W-ENID-DR	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-856-STORAGE-NEW	STORAGE	6.16	14.63	-1.37	2	12:21	-1.39	2	12:21

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error gal or %
J-102	JUNCTION	0.00	7.85	2 12:15	0	3.4	0.746 %
J-104	JUNCTION	6.18	15.47	2 12:15	0.54	2.76	22.383 %
J-106	JUNCTION	0.00	6.61	2 12:11	0	0.704	11.411 %
J-109	JUNCTION	0.00	7.97	1 14:51	0	3.77	0.264 %
J-11	JUNCTION	0.00	13.08	2 11:06	0	4.79	4.753 %
J-110	JUNCTION	7.17	8.32	2 12:09	0.585	1.88	0.586 %
J-113	JUNCTION	0.00	12.31	1 17:27	0	3.98	8.622 %
J-114	JUNCTION	0.00	15.61	2 09:15	0	4.64	1.751 %
J-118	JUNCTION	0.00	16.76	2 09:26	0	6.1	-0.502 %
J-12	JUNCTION	0.00	12.32	2 07:21	0	3.48	1.826 %
J-121	JUNCTION	6.98	7.48	2 12:31	0.547	0.703	5.122 %
J-126	JUNCTION	16.99	16.99	2 12:15	1.62	2.04	0.189 %
J-126A	JUNCTION	0.00	18.86	3 01:28	0	0.599	0.000 %
J-127	JUNCTION	0.00	2.02	2 11:13	0	1.3	0.123 %
J-128	JUNCTION	0.00	2.25	2 11:13	0	1.29	0.256 %
J-129	JUNCTION	12.82	14.56	2 12:15	1.05	3.71	-3.737 %
J-130	JUNCTION	0.00	7.67	2 11:23	0	5.87	0.183 %
J-131	JUNCTION	0.00	8.36	3 03:26	0	5.62	0.157 %
J-132	JUNCTION	9.79	9.79	2 12:14	0.817	3.12	2.823 %
J-137	JUNCTION	0.00	3.37	1 05:45	0	2.34	7.345 %
J-139	JUNCTION	0.00	4.13	2 11:12	0	3.12	3.090 %
J-140	JUNCTION	0.00	4.25	2 10:03	0	2.74	3.870 %
J-147	JUNCTION	11.68	11.87	2 12:14	0.986	2.98	-0.933 %
J-148	JUNCTION	0.00	6.24	2 10:27	0	2.54	1.903 %
J-149	JUNCTION	0.00	4.07	1 07:19	0	0.371	4.951 %
J-15	JUNCTION	1.91	20.66	2 11:17	0.138	2.36	2.721 %
J-152	JUNCTION	10.02	10.02	2 12:15	0.842	2.44	-0.404 %
J-153	JUNCTION	0.00	4.30	2 05:07	0	1.76	4.148 %
J-155	JUNCTION	0.00	4.25	1 08:13	0	1.71	6.715 %
J-156	JUNCTION	0.00	3.56	2 01:54	0	1.68	10.939 %
J-158	JUNCTION	17.17	23.15	2 08:40	1.77	4.68	-0.146 %
J-158A	JUNCTION	0.00	20.01	2 07:32	0	2.25	2.258 %
J-15A	JUNCTION	0.00	6.34	2 11:22	0	0.138	13.096 %
J-160	JUNCTION	0.00	9.93	2 10:11	0	2.34	3.684 %
J-161	JUNCTION	4.58	7.32	3 00:23	0.385	5.89	-0.479 %
J-162	JUNCTION	0.00	9.16	1 10:04	0	5.87	-0.047 %
J-163	JUNCTION	2.91	9.48	2 21:28	0.234	6.2	2.972 %
J-164	JUNCTION	0.00	7.35	2 21:00	0	6.18	2.389 %
J-165	JUNCTION	2.53	7.36	2 12:53	0.2	6.4	1.498 %
J-166	JUNCTION	4.94	9.74	2 12:15	0.42	6.7	0.170 %
J-167	JUNCTION	0.00	13.45	2 12:04	0	7.67	1.753 %
J-168	JUNCTION	0.00	5.08	0 10:06	0	1.43	9.489 %
J-169	JUNCTION	3.17	5.14	1 04:30	0.24	1.33	9.281 %
J-170	JUNCTION	2.85	3.54	1 09:13	0.212	0.657	14.447 %
J-174	JUNCTION	0.00	5.22	2 09:16	0	0.77	24.865 %
J-175	JUNCTION	0.00	2.01	2 06:55	0	0.292	47.535 %
J-176	JUNCTION	0.00	5.68	2 02:54	0	1.59	8.177 %
J-179	JUNCTION	0.00	9.56	2 02:52	0	2.03	1.016 %
J-18	JUNCTION	6.24	30.96	2 11:18	0.502	2.56	1.466 %
J-180	JUNCTION	5.45	20.09	2 07:14	0.43	1.52	0.163 %
J-180A	JUNCTION	0.00	35.72	2 23:27	0	0.993	-9.674 %
J-185	JUNCTION	9.93	21.21	2 08:37	0.845	2.13	0.332 %
J-185A	JUNCTION	0.00	18.75	2 06:54	0	0.867	-23.538 %
J-188	JUNCTION	10.18	24.42	2 07:17	0.836	1.53	0.587 %
J-188A	JUNCTION	0.00	18.68	2 08:28	0	0.658	-5.110 %
J-191	JUNCTION	7.24	20.80	2 08:45	0.569	2.23	0.084 %
J-191A	JUNCTION	0.00	18.86	2 08:06	0	1.85	0.000 %
J-195	JUNCTION	0.00	24.29	2 08:31	0	2.02	0.157 %
J-195A	JUNCTION	0.00	22.37	2 08:31	0	1.62	2.434 %
J-198	JUNCTION	12.87	12.87	2 12:15	1.17	1.9	4.954 %
J-199	JUNCTION	0.00	4.42	2 05:58	0	1.55	5.211 %
J-19A	JUNCTION	0.00	21.69	2 10:00	0	0.495	-1.485 %
J-203	JUNCTION	4.81	7.79	2 12:15	0.407	1.88	-1.734 %
J-204	JUNCTION	0.00	6.39	2 07:29	0	1.53	1.221 %
J-206	JUNCTION	0.00	4.75	1 23:22	0	1.74	6.301 %
J-208	JUNCTION	4.02	7.84	2 09:49	0.334	2.7	-1.660 %
J-209	JUNCTION	7.11	7.11	2 12:15	0.634	1.32	11.801 %
J-212	JUNCTION	0.00	4.23	1 12:29	0	0.988	12.320 %
J-213	JUNCTION	5.30	15.41	2 07:49	0.454	1.88	0.726 %
J-213A	JUNCTION	0.00	13.05	2 07:58	0	1.37	24.292 %

J-217	JUNCTION	8.07	8.72	2	12:14	0.644	1.08	-6.052 %
J-218	JUNCTION	0.00	9.43	2	05:47	0	1.55	11.031 %
J-222	JUNCTION	0.00	19.20	2	07:51	0	2.14	0.067 %
J-223	JUNCTION	7.45	38.45	2	06:26	0.619	3.97	0.394 %
J-223A	JUNCTION	0.00	22.27	2	06:26	0	1.89	2.779 %
J-225	JUNCTION	0.00	3.72	1	22:52	0	1.16	6.225 %
J-226	JUNCTION	4.71	4.71	2	12:14	0.344	1.38	4.001 %
J-232	JUNCTION	0.00	3.30	1	22:06	0	1.31	8.081 %
J-233	JUNCTION	5.97	6.64	2	12:15	0.461	1.76	5.123 %
J-235	JUNCTION	0.00	9.08	1	18:19	0	4.29	1.264 %
J-238	JUNCTION	5.65	15.91	1	15:54	0.437	4.04	8.435 %
J-24	JUNCTION	0.00	5.04	2	11:31	0	0.793	8.026 %
J-242	JUNCTION	4.01	10.54	1	06:45	0.332	0.811	17.218 %
J-244	JUNCTION	4.11	4.70	1	09:22	0.342	0.618	1.624 %
J-247	JUNCTION	7.28	8.04	2	12:14	0.57	1.45	3.012 %
J-248	JUNCTION	0.00	17.93	1	06:24	0	1.79	4.827 %
J-249	JUNCTION	9.92	20.97	1	02:41	0.801	5.56	1.684 %
J-25	JUNCTION	8.31	23.32	2	11:48	0.759	2.42	1.315 %
J-253	JUNCTION	7.03	7.03	2	12:14	0.537	0.794	-6.015 %
J-254	JUNCTION	0.00	4.24	0	11:54	0	1.16	2.783 %
J-256	JUNCTION	9.91	10.46	2	12:14	0.794	1.83	-12.923 %
J-259	JUNCTION	0.00	3.04	2	13:55	0	1.79	-0.041 %
J-25A	JUNCTION	0.00	19.55	2	11:48	0	0.546	13.833 %
J-260	JUNCTION	0.00	3.24	2	00:57	0	1.65	0.082 %
J-261	JUNCTION	0.00	6.18	2	15:44	0	3.62	-0.005 %
J-261-WEIR	JUNCTION	0.00	6.16	2	15:44	0	2.91	-0.704 %
J-262	JUNCTION	0.00	6.16	2	15:44	0	2.97	-0.157 %
J-266	JUNCTION	6.40	12.01	1	15:54	0.495	2.86	-1.218 %
J-267	JUNCTION	6.28	7.38	2	12:15	0.551	2.7	-1.448 %
J-268	JUNCTION	0.00	29.48	1	08:27	0	5.79	3.051 %
J-268-WEIR	JUNCTION	0.00	19.96	1	12:27	0	0.718	-29.686 %
J-269	JUNCTION	0.00	13.94	1	18:23	0	4.59	1.295 %
J-27	JUNCTION	6.56	25.44	2	11:31	0.578	1.5	0.962 %
J-271	JUNCTION	0.00	11.11	0	00:00	0	0.00328	83.679 %
J-275	JUNCTION	0.00	35.20	1	07:59	0	3.99	3.208 %
J-278	JUNCTION	0.00	4.65	2	02:58	0	2.77	0.180 %
J-27A	JUNCTION	0.00	20.17	2	11:31	0	0.642	9.418 %
J-280	JUNCTION	0.00	4.86	2	23:26	0	3.04	2.540 %
J-281	JUNCTION	0.00	5.25	1	07:15	0	3.04	2.141 %
J-282	JUNCTION	7.03	8.33	2	12:14	0.598	3.18	-1.167 %
J-283	JUNCTION	0.00	6.49	1	02:15	0	2.89	0.833 %
J-284	JUNCTION	0.00	16.55	0	17:55	0	5.14	0.057 %
J-284-WEIR	JUNCTION	0.00	1.99	2	14:43	0	0.536	0.000 %
J-285	JUNCTION	0.00	30.10	0	18:30	0	6.85	0.729 %
J-286	JUNCTION	0.00	26.67	1	08:27	0	4.97	-1.402 %
J-288	JUNCTION	4.05	22.72	0	21:17	0.337	2.53	-0.179 %
J-288A	JUNCTION	0.00	19.56	2	10:23	0	1.31	-1.923 %
J-290	JUNCTION	13.00	14.26	2	12:14	1.14	2.23	2.432 %
J-290A	JUNCTION	0.00	8.18	2	11:08	0	0.376	0.000 %
J-293	JUNCTION	0.00	7.86	1	22:05	0	2.53	3.032 %
J-295	JUNCTION	0.00	8.25	1	07:48	0	2.45	-0.368 %
J-296	JUNCTION	2.46	7.03	1	07:18	0.194	2.62	2.284 %
J-297	JUNCTION	0.00	20.44	0	18:30	0	2.73	2.423 %
J-30	JUNCTION	0.00	3.41	2	11:36	0	0.741	8.682 %
J-300	JUNCTION	2.48	22.84	1	08:04	0.196	5.38	-2.498 %
J-301	JUNCTION	0.00	15.48	1	01:27	0	4.67	0.350 %
J-304	JUNCTION	0.00	10.16	1	22:41	0	3.07	-0.653 %
J-305	JUNCTION	6.69	20.42	1	23:29	0.535	3.06	0.425 %
J-31	JUNCTION	6.89	24.62	2	11:37	0.589	1.86	0.810 %
J-310	JUNCTION	6.44	10.41	1	19:25	0.508	2.8	0.902 %
J-312	JUNCTION	0.00	13.98	1	19:25	0	4.22	1.245 %
J-314	JUNCTION	6.26	18.49	2	10:39	0.521	1.1	0.278 %
J-314A	JUNCTION	0.00	16.35	2	10:39	0	0.356	1.118 %
J-317	JUNCTION	5.36	7.15	2	12:14	0.46	2.57	2.318 %
J-31A	JUNCTION	0.00	17.81	2	11:23	0	0.77	-19.701 %
J-321	JUNCTION	5.18	20.61	2	11:01	0.415	1.43	0.446 %
J-321A	JUNCTION	0.00	17.92	2	10:51	0	0.801	-5.578 %
J-323	JUNCTION	0.00	3.01	2	10:15	0	1.1	4.414 %
J-324	JUNCTION	7.89	23.40	2	10:10	0.656	1.72	0.248 %
J-324A	JUNCTION	0.00	16.53	2	10:57	0	0.99	-2.735 %
J-327	JUNCTION	0.00	3.99	2	11:00	0	0.612	10.557 %
J-328	JUNCTION	5.30	8.49	2	11:40	0.466	0.872	2.974 %
J-328A	JUNCTION	0.00	8.02	2	11:40	0	0.362	4.198 %
J-33	JUNCTION	0.00	5.44	2	08:38	0	2.09	1.568 %
J-333	JUNCTION	0.00	2.70	2	08:30	0	1.33	14.607 %
J-334	JUNCTION	0.00	3.23	2	07:33	0	1.54	7.618 %
J-335	JUNCTION	0.00	2.86	2	08:24	0	1.51	11.333 %
J-341	JUNCTION	14.35	21.90	2	08:57	1.25	2.82	0.095 %
J-341A	JUNCTION	0.00	19.63	2	08:57	0	2.2	0.000 %
J-342	JUNCTION	14.75	17.10	2	12:15	1.19	2.25	-0.336 %

J-343	JUNCTION	0.00	3.84	2	12:30	0	1.37	1.920 %
J-348	JUNCTION	0.00	3.19	2	08:51	0	1.52	11.940 %
J-351	JUNCTION	7.63	16.23	2	08:28	0.655	2.39	0.152 %
J-351A	JUNCTION	0.00	11.86	2	08:28	0	2.01	1.377 %
J-354	JUNCTION	7.36	10.50	2	10:33	0.654	2.29	2.562 %
J-354A	JUNCTION	0.00	25.36	2	11:14	0	2.45	2.767 %
J-354B	JUNCTION	0.00	18.64	3	05:54	0	2.32	31.025 %
J-355	JUNCTION	9.30	21.53	2	10:33	0.679	1.91	-14.222 %
J-355A	JUNCTION	0.00	18.54	2	10:33	0	1.12	-7.355 %
J-359	JUNCTION	0.00	7.60	3	02:50	0	1.22	-0.263 %
J-36	JUNCTION	0.00	4.13	2	10:03	0	1.36	7.103 %
J-362	JUNCTION	0.00	4.89	2	07:00	0	1.02	1.498 %
J-363	JUNCTION	6.31	7.29	2	12:15	0.601	1.56	0.375 %
J-364	JUNCTION	0.00	6.12	1	04:05	0	1.28	2.475 %
J-367	JUNCTION	0.00	6.21	1	19:20	0	1.71	13.734 %
J-368	JUNCTION	10.85	11.02	2	12:14	1.03	2.09	-0.534 %
J-369	JUNCTION	0.00	5.88	2	10:23	0	1.31	7.542 %
J-374	JUNCTION	0.00	5.05	1	20:40	0	1.66	3.678 %
J-375	JUNCTION	0.00	7.62	2	11:45	0	1.53	-5.322 %
J-380	JUNCTION	6.70	27.39	2	11:45	0.61	3.81	-0.690 %
J-380A	JUNCTION	0.00	22.72	2	11:45	0	1.16	0.327 %
J-381	JUNCTION	0.00	6.54	1	20:07	0	3.37	-3.616 %
J-384	JUNCTION	10.58	13.69	1	23:06	0.954	5.25	-1.068 %
J-385	JUNCTION	0.00	17.21	1	23:06	0	4.27	1.113 %
J-388	JUNCTION	5.84	15.28	2	01:09	0.481	4.69	8.434 %
J-389	JUNCTION	0.00	8.85	1	02:05	0	1.61	3.870 %
J-393	JUNCTION	0.00	5.82	1	14:59	0	1.37	19.046 %
J-396	JUNCTION	8.53	8.53	2	12:15	0.778	1.65	9.758 %
J-399	JUNCTION	0.00	4.26	1	17:51	0	1.3	16.462 %
J-40	JUNCTION	6.41	65.75	2	10:57	0.563	2.25	0.283 %
J-402	JUNCTION	10.68	19.12	2	11:20	0.978	1.52	0.518 %
J-402A	JUNCTION	0.00	15.35	2	11:20	0	0.752	0.589 %
J-405	JUNCTION	0.00	3.78	2	08:46	0	0.891	15.906 %
J-407	JUNCTION	0.00	3.55	2	10:48	0	0.915	16.939 %
J-409	JUNCTION	0.00	6.44	2	09:06	0	1.04	6.901 %
J-40A	JUNCTION	0.00	21.38	2	10:57	0	0.454	-3.207 %
J-40B	JUNCTION	0.00	21.38	2	10:57	0	0.963	4.455 %
J-40C	JUNCTION	0.00	21.92	2	10:57	0	0.675	-18.149 %
J-410	JUNCTION	6.73	8.17	2	10:03	0.571	1.68	9.632 %
J-412	JUNCTION	0.00	7.50	2	10:39	0	3.54	2.694 %
J-414	JUNCTION	0.00	7.43	2	09:23	0	2.18	3.202 %
J-415	JUNCTION	8.04	28.99	2	10:55	0.684	2.51	1.103 %
J-415A	JUNCTION	0.00	17.77	2	10:57	0	1.28	-3.032 %
J-415B	JUNCTION	0.00	7.85	2	10:56	0	0.123	16.210 %
J-416	JUNCTION	0.00	5.97	2	10:41	0	2.09	2.401 %
J-417	JUNCTION	0.00	18.21	1	22:21	0	5.65	-1.969 %
J-42	JUNCTION	4.96	23.14	2	07:23	0.395	2.34	-0.465 %
J-421	JUNCTION	10.49	10.92	1	11:31	1.01	2.67	0.797 %
J-422	JUNCTION	5.00	16.98	2	11:30	0.44	1.32	0.456 %
J-422A	JUNCTION	0.00	14.79	2	11:30	0	0.979	1.018 %
J-423	JUNCTION	16.73	25.03	2	11:32	1.47	10	-0.742 %
J-423A	JUNCTION	0.00	17.69	2	11:04	0	4.68	-0.014 %
J-424	JUNCTION	0.00	4.62	2	10:21	0	1.32	8.228 %
J-427	JUNCTION	0.00	3.86	0	05:48	0	1.36	9.124 %
J-42A	JUNCTION	0.00	16.84	2	07:06	0	0.705	0.436 %
J-430	JUNCTION	10.71	15.94	2	11:32	0.928	2.35	0.187 %
J-430A	JUNCTION	0.00	12.78	3	00:50	0	1.2	4.334 %
J-431	JUNCTION	8.72	29.73	0	09:03	0.78	3.11	2.780 %
J-431A	JUNCTION	0.00	26.93	0	09:03	0	1.47	-3.246 %
J-432	JUNCTION	0.00	21.05	0	09:18	0	1.46	5.525 %
J-432B	JUNCTION	0.00	5.34	0	09:11	0	0.349	5.209 %
J-433	JUNCTION	0.00	6.73	0	23:38	0	1.37	11.768 %
J-434	JUNCTION	0.00	7.01	0	23:39	0	1.6	8.199 %
J-435	JUNCTION	0.00	6.82	1	01:29	0	1.29	0.965 %
J-436	JUNCTION	0.00	7.69	1	07:04	0	1.52	-2.813 %
J-437	JUNCTION	8.82	10.63	2	12:00	0.812	2.47	-6.736 %
J-438	JUNCTION	7.30	8.46	2	12:15	0.606	1.16	-14.248 %
J-439	JUNCTION	0.00	6.75	1	04:08	0	2.54	7.431 %
J-440	JUNCTION	8.00	39.48	3	01:30	0.769	12.6	0.185 %
J-441	JUNCTION	0.00	27.76	3	01:29	0	1.78	0.484 %
J-444	JUNCTION	0.00	72.89	3	05:32	0	7.4	-0.030 %
J-444-WEIR	JUNCTION	0.00	95.05	3	05:25	0	3.65	-16.607 %
J-445	JUNCTION	2.37	18.68	2	10:01	0.174	7.76	0.590 %
J-448	JUNCTION	0.00	14.09	0	19:17	0	6.28	2.908 %
J-450	JUNCTION	0.00	15.70	2	11:46	0	7.98	1.837 %
J-454	JUNCTION	0.00	13.09	0	19:17	0	6.48	3.214 %
J-455	JUNCTION	0.00	18.00	0	18:23	0	6.69	0.103 %
J-459	JUNCTION	12.24	35.51	0	07:59	1.22	13.3	0.824 %
J-459A	JUNCTION	0.00	28.73	0	09:15	0	5.84	0.000 %
J-460-NEW	JUNCTION	0.00	28.90	0	19:27	0	11.2	0.013 %

J-463	JUNCTION	0.00	29.96	0	19:29	0	11.8	0.064 %
J-466	JUNCTION	0.00	170.83	2	15:45	0	28.8	-0.071 %
J-468	JUNCTION	0.00	21.08	1	09:50	0	6.78	0.105 %
J-47	JUNCTION	2.04	15.29	2	14:10	0.366	4.88	8.825 %
J-470	JUNCTION	1.50	57.24	1	08:01	0.327	17.9	-3.595 %
J-471	JUNCTION	0.00	118.09	2	15:44	0	22.4	-11.218 %
J-478	JUNCTION	0.00	75.53	1	11:50	0	19	-6.564 %
J-479	JUNCTION	1.32	77.87	0	16:06	0.275	19.1	-1.911 %
J-480	JUNCTION	1.79	47.49	2	04:14	0.31	14.4	-6.165 %
J-481	JUNCTION	5.96	34.50	1	07:56	0.447	12.4	-4.066 %
J-482	JUNCTION	3.95	30.21	2	01:57	0.385	11.6	-5.985 %
J-484	JUNCTION	0.00	19.79	2	10:09	0	3.38	4.572 %
J-485	JUNCTION	0.00	19.48	1	06:03	0	3.43	6.367 %
J-486	JUNCTION	0.00	30.85	2	02:55	0	12.2	2.392 %
J-487	JUNCTION	4.58	23.43	1	07:12	0.417	9.79	1.815 %
J-489	JUNCTION	6.20	19.99	1	14:13	0.542	8.93	-3.265 %
J-491	JUNCTION	0.00	16.79	1	11:34	0	8.3	1.748 %
J-492	JUNCTION	0.00	11.91	3	05:27	0	8.23	3.219 %
J-493	JUNCTION	1.48	22.25	2	10:39	0.291	12	4.847 %
J-495	JUNCTION	0.00	19.08	2	08:14	0	7.61	6.403 %
J-497	JUNCTION	3.00	9.95	2	11:59	0.329	3.2	4.585 %
J-498	JUNCTION	7.48	24.41	2	10:43	0.821	1.39	-1.208 %
J-498A	JUNCTION	0.00	21.41	2	10:43	0	0.513	0.792 %
J-499	JUNCTION	0.00	7.39	2	10:31	0	0.962	1.527 %
J-5	JUNCTION	15.10	31.16	2	07:52	1.25	5.77	-0.161 %
J-50	JUNCTION	0.00	11.61	2	15:18	0	3.99	12.668 %
J-500	JUNCTION	0.00	8.10	2	08:48	0	0.954	3.496 %
J-505	JUNCTION	0.00	9.06	2	10:11	0	0.939	5.409 %
J-508	JUNCTION	11.32	14.15	2	11:59	1.25	2	1.891 %
J-51	JUNCTION	0.00	32.20	2	16:31	0	6.02	15.738 %
J-512	JUNCTION	2.51	12.03	2	12:00	0.278	2.04	2.686 %
J-518	JUNCTION	2.67	9.94	2	11:44	0.294	2.23	2.207 %
J-53	JUNCTION	0.00	2.28	2	08:10	0	0.0629	-2.487 %
J-534	JUNCTION	6.12	9.11	2	12:14	0.677	4.62	-0.605 %
J-537	JUNCTION	0.00	10.14	1	19:34	0	4.12	-0.122 %
J-539	JUNCTION	2.63	75.14	2	07:37	0.298	8.88	0.134 %
J-539-WEIR	JUNCTION	0.00	164.85	2	08:28	0	8.35	-9.122 %
J-539A	JUNCTION	0.00	129.91	2	07:37	0	10.9	0.000 %
J-54	JUNCTION	8.29	19.99	2	12:04	0.763	1.94	2.652 %
J-541	JUNCTION	6.47	8.49	2	12:14	0.546	1.4	-2.336 %
J-544	JUNCTION	2.11	7.87	1	14:27	0.398	4.02	12.588 %
J-548	JUNCTION	0.00	35.84	2	16:32	0	6.46	-5.846 %
J-54A	JUNCTION	0.00	8.19	2	09:53	0	0.626	36.432 %
J-54B	JUNCTION	0.00	7.60	2	11:53	0	0.839	2.157 %
J-550	JUNCTION	1.31	23.30	2	15:39	0.241	6.03	-10.437 %
J-553	JUNCTION	0.00	19.95	0	00:02	0	6.06	12.558 %
J-554	JUNCTION	0.00	31.60	0	10:54	0	28.8	0.753 %
J-555	JUNCTION	6.21	42.19	1	17:38	0.701	28.6	-0.541 %
J-557	JUNCTION	4.96	14.43	2	12:15	0.422	23.1	-0.300 %
J-558	JUNCTION	0.00	18.68	2	21:02	0	23.1	-0.283 %
J-559	JUNCTION	3.19	32.65	2	16:25	0.258	25.6	0.442 %
J-560	JUNCTION	0.00	29.83	2	15:58	0	25.4	0.514 %
J-561	JUNCTION	0.00	82.21	0	00:00	0	25.5	0.048 %
J-563	JUNCTION	7.78	25.69	2	12:05	0.634	2.09	1.019 %
J-563A	JUNCTION	0.00	21.52	2	11:48	0	1.23	0.000 %
J-565	JUNCTION	0.00	12.86	2	10:36	0	3.93	14.471 %
J-566	JUNCTION	0.00	66.95	3	05:25	0	3.76	40.261 %
J-566-WEIR	JUNCTION	0.00	99.10	3	05:57	0	0.388	-75.136 %
J-567	JUNCTION	0.00	11.70	2	12:17	0	1.53	0.336 %
J-568	JUNCTION	0.00	11.95	2	12:17	0	1.55	0.755 %
J-569	JUNCTION	0.00	10.68	2	12:19	0	1.55	0.312 %
J-570	JUNCTION	0.00	16.40	2	12:35	0	1.56	-0.342 %
J-571	JUNCTION	18.42	37.93	3	05:42	1.74	2.25	-0.103 %
J-571A	JUNCTION	0.00	18.14	3	05:42	0	0.593	0.668 %
J-571B	JUNCTION	0.00	13.70	3	05:42	0	0.639	5.031 %
J-572A	JUNCTION	0.00	29.40	2	13:51	0	0.496	0.001 %
J-572B	JUNCTION	0.00	35.30	2	13:51	0	0.303	0.000 %
J-575	JUNCTION	0.00	61.46	0	00:00	0	2.9	0.130 %
J-576	JUNCTION	0.00	4.81	2	10:39	0	1.55	1.796 %
J-577	JUNCTION	0.00	6.11	1	19:11	0	2.79	0.081 %
J-578	JUNCTION	0.00	4.96	3	00:58	0	2.32	6.192 %
J-58	JUNCTION	4.89	25.88	2	08:38	0.428	0.88	1.028 %
J-581	JUNCTION	0.00	3.84	2	11:16	0	2.24	0.000 %
J-585	JUNCTION	13.51	28.67	2	19:12	1.14	2.46	-1.139 %
J-585B	JUNCTION	0.00	22.44	2	19:12	0	1.42	0.637 %
J-588	JUNCTION	0.00	5.12	0	22:23	0	1.35	20.048 %
J-58A	JUNCTION	0.00	19.55	2	08:16	0	0.221	11.811 %
J-59	JUNCTION	7.54	49.59	2	08:42	0.627	1.75	0.201 %
J-591	JUNCTION	10.14	34.19	0	23:13	0.816	3.34	0.562 %
J-591A	JUNCTION	0.00	16.68	2	06:12	0	0.59	0.760 %

J-591B	JUNCTION	0.00	16.68	2	06:12	0	0.452	0.998 %
J-596	JUNCTION	0.00	2.06	0	22:24	0	0.0353	29.351 %
J-596A	JUNCTION	0.00	11.39	2	09:30	0	0.385	-7.343 %
J-598	JUNCTION	13.81	26.51	2	09:53	1.1	2.89	0.161 %
J-598A	JUNCTION	0.00	11.86	2	09:53	0	0.919	-0.041 %
J-598B	JUNCTION	0.00	11.86	2	09:53	0	0.945	-0.063 %
J-59A	JUNCTION	0.00	21.00	2	08:42	0	0.779	33.777 %
J-59B	JUNCTION	0.00	21.00	2	08:42	0	0.577	6.726 %
J-5A	JUNCTION	0.00	25.77	2	07:42	0	1.91	1.983 %
J-6	JUNCTION	0.00	12.74	2	09:01	0	3.02	5.962 %
J-60	JUNCTION	0.00	5.57	2	08:19	0	0.92	0.014 %
J-601	JUNCTION	0.00	5.10	0	19:45	0	1.6	15.285 %
J-602	JUNCTION	0.00	5.76	1	20:12	0	1.65	11.655 %
J-603	JUNCTION	0.00	8.58	2	11:54	0	3.77	-1.374 %
J-604	JUNCTION	0.00	7.05	2	12:52	0	2.85	0.264 %
J-606	JUNCTION	5.81	10.95	2	11:55	0.504	3.09	2.799 %
J-607	JUNCTION	0.00	7.06	1	20:59	0	2.6	5.833 %
J-609	JUNCTION	0.00	8.13	2	19:13	0	2.93	9.341 %
J-61	JUNCTION	4.75	13.89	2	09:06	0.378	1.86	3.843 %
J-611	JUNCTION	15.26	15.26	2	12:15	1.55	3.19	-0.057 %
J-611A	JUNCTION	0.00	4.80	2	17:54	0	0.25	-2.824 %
J-611B	JUNCTION	0.00	10.26	1	06:39	0	1.53	-0.446 %
J-613	JUNCTION	0.00	4.29	1	21:16	0	1.57	7.861 %
J-615	JUNCTION	0.00	4.95	2	09:47	0	1.49	8.427 %
J-618	JUNCTION	4.71	4.71	2	12:15	0.398	1.02	22.415 %
J-61A	JUNCTION	0.00	29.98	2	19:24	0	1.12	21.829 %
J-623	JUNCTION	0.00	9.49	2	11:41	0	1.06	19.185 %
J-624	JUNCTION	8.51	28.38	2	11:32	0.78	2.84	1.508 %
J-624A	JUNCTION	0.00	21.10	2	11:32	0	1.37	4.312 %
J-626	JUNCTION	0.00	6.77	1	20:03	0	2.08	4.674 %
J-629	JUNCTION	8.54	9.57	2	12:15	0.703	1.39	7.024 %
J-63	JUNCTION	11.42	11.42	2	12:15	1.03	1.75	1.156 %
J-632	JUNCTION	3.96	3.96	2	12:14	0.328	0.789	26.151 %
J-633	JUNCTION	7.20	10.77	2	07:04	0.603	2.44	4.182 %
J-637	JUNCTION	2.12	8.43	2	09:24	0.165	1.35	6.898 %
J-64	JUNCTION	0.00	6.11	2	07:19	0	0.912	3.141 %
J-640	JUNCTION	5.51	6.34	2	12:14	0.475	1.28	15.899 %
J-647	JUNCTION	4.39	22.74	2	11:49	0.392	2.75	1.210 %
J-647A	JUNCTION	0.00	14.14	2	11:54	0	1.18	-2.765 %
J-647B	JUNCTION	0.00	34.26	3	00:27	0	0.966	-8.416 %
J-650	JUNCTION	0.00	14.74	2	10:14	0	4.27	2.156 %
J-653	JUNCTION	8.47	9.36	2	11:06	0.776	1.13	3.627 %
J-653A	JUNCTION	0.00	8.29	2	11:07	0	0.176	0.000 %
J-654	JUNCTION	9.47	25.12	2	10:47	0.767	1.69	0.616 %
J-654A	JUNCTION	0.00	20.18	2	11:02	0	0.869	0.000 %
J-657	JUNCTION	4.52	9.83	2	07:52	0.342	2.29	5.836 %
J-659	JUNCTION	2.59	10.14	0	18:31	0.184	2.73	2.461 %
J-663	JUNCTION	17.99	21.36	2	12:15	1.63	4.76	2.372 %
J-665	JUNCTION	6.65	12.53	2	12:15	0.54	4.85	1.165 %
J-666	JUNCTION	0.00	11.75	2	07:20	0	6.57	4.993 %
J-67	JUNCTION	5.93	6.89	2	12:14	0.454	2.63	-1.839 %
J-670	JUNCTION	0.00	11.43	2	02:22	0	2.87	8.602 %
J-672	JUNCTION	7.99	7.99	2	12:15	0.725	5.98	0.029 %
J-673	JUNCTION	0.00	72.00	2	11:15	0	5.63	-2.054 %
J-673A	JUNCTION	0.00	6.79	2	11:16	0	0.37	-9.880 %
J-678	JUNCTION	11.31	11.31	2	12:15	0.988	3.66	8.575 %
J-67A	JUNCTION	0.00	5.18	2	08:11	0	0.9	16.833 %
J-682	JUNCTION	5.47	6.59	2	12:14	0.471	0.494	0.187 %
J-684	JUNCTION	4.03	4.03	2	12:14	0.334	0.828	-0.666 %
J-686	JUNCTION	0.00	2.98	2	23:04	0	0.81	0.382 %
J-687	JUNCTION	4.85	5.77	2	12:14	0.421	1.23	0.436 %
J-691	JUNCTION	0.00	10.68	2	20:11	0	1.24	-0.767 %
J-692	JUNCTION	0.00	11.63	2	20:11	0	1.25	0.113 %
J-692-WEIR	JUNCTION	0.00	4.94	0	00:00	0	0.364	0.124 %
J-693	JUNCTION	0.00	8.11	0	00:00	0	0.386	0.141 %
J-697	JUNCTION	0.00	4.52	0	23:36	0	1.17	19.644 %
J-7	JUNCTION	0.00	9.02	0	09:11	0	2.79	9.798 %
J-700	JUNCTION	7.61	7.61	2	12:15	0.686	1.63	-3.729 %
J-701	JUNCTION	0.00	11.37	0	00:00	0	3.11	2.978 %
J-702	JUNCTION	0.00	11.93	0	00:00	0	7.4	-0.436 %
J-705	JUNCTION	0.00	6.42	2	12:04	0	1.88	5.435 %
J-707	JUNCTION	0.00	6.71	2	12:05	0	1.71	4.593 %
J-710	JUNCTION	9.03	9.03	2	12:15	0.835	1.14	-9.529 %
J-712	JUNCTION	6.16	6.16	2	12:14	0.675	0.823	-15.344 %
J-714	JUNCTION	7.19	7.82	2	21:02	0.789	1.97	-1.518 %
J-719	JUNCTION	4.41	6.40	2	22:32	0.483	2.53	-3.011 %
J-72	JUNCTION	0.00	10.99	2	08:44	0	3.74	0.688 %
J-721	JUNCTION	0.00	7.13	2	07:29	0	3.08	1.135 %
J-725	JUNCTION	0.00	14.89	2	21:06	0	1.95	-8.452 %
J-728	JUNCTION	5.68	11.59	2	03:06	0.622	2.89	-5.885 %

J-73	JUNCTION	0.00	4.56	2	08:08	0	1.88	8.800 %
J-734	JUNCTION	3.76	40.10	1	06:39	0.413	8.71	-3.286 %
J-734A	JUNCTION	0.00	23.02	2	01:09	0	2.75	-0.377 %
J-734B	JUNCTION	0.00	23.02	2	01:09	0	2.27	-1.051 %
J-735	JUNCTION	0.00	33.10	2	11:52	0	4.43	-4.788 %
J-736	JUNCTION	0.00	11.28	1	05:23	0	3.1	-5.840 %
J-74	JUNCTION	7.04	8.39	2	12:14	0.583	1.84	5.185 %
J-740	JUNCTION	0.00	3.13	2	10:22	0	0.731	15.936 %
J-741	JUNCTION	0.00	6.96	2	10:22	0	0.842	16.981 %
J-744	JUNCTION	0.00	8.13	2	05:09	0	1.15	13.474 %
J-745	JUNCTION	0.00	22.01	2	09:53	0	2.38	0.630 %
J-745A	JUNCTION	0.00	16.16	2	07:42	0	1.79	-6.354 %
J-748	JUNCTION	0.00	54.13	0	21:20	0	7.32	18.763 %
J-748-WEIR-STANTEC	JUNCTION	0.00	58.73	0	08:30	0	3.78	-42.179 %
J-748A	JUNCTION	0.00	19.44	1	22:58	0	3.14	-0.574 %
J-749	JUNCTION	0.00	8.51	2	07:45	0	2.87	5.054 %
J-750	JUNCTION	3.54	32.14	2	07:14	0.301	8.25	3.214 %
J-750A	JUNCTION	0.00	21.84	2	07:26	0	2.8	-0.774 %
J-751	JUNCTION	0.00	12.34	1	06:35	0	3.63	3.679 %
J-752	JUNCTION	0.00	78.61	0	15:51	0	8.18	6.433 %
J-753	JUNCTION	0.00	8.61	2	00:49	0	2.95	-1.015 %
J-754	JUNCTION	4.80	26.12	0	12:20	0.422	4.42	-2.785 %
J-754-WEIR-STANTEC	JUNCTION	0.00	98.29	2	06:03	0	5.68	-42.437 %
J-754A	JUNCTION	0.00	25.66	0	11:49	0	3.2	-2.771 %
J-755	JUNCTION	0.00	8.43	1	09:45	0	1.6	16.138 %
J-757	JUNCTION	7.83	14.99	2	09:29	0.643	2.41	-0.247 %
J-760	JUNCTION	0.00	13.96	2	08:12	0	1.17	3.896 %
J-761	JUNCTION	0.00	12.37	2	12:00	0	2.66	0.547 %
J-763	JUNCTION	9.61	18.62	1	08:52	0.917	11.3	2.577 %
J-764	JUNCTION	0.00	9.52	2	09:13	0	2.65	10.580 %
J-766	JUNCTION	3.64	16.51	2	11:52	0.399	1.51	-3.502 %
J-766A	JUNCTION	0.00	17.97	2	11:52	0	0.829	-1.423 %
J-768	JUNCTION	0.00	5.90	2	19:47	0	1.58	-3.756 %
J-769	JUNCTION	0.00	5.40	2	18:53	0	1.68	-0.132 %
J-77	JUNCTION	5.00	30.78	2	09:09	0.495	4.38	-0.525 %
J-771	JUNCTION	0.00	8.97	1	06:11	0	1.77	-1.270 %
J-772	JUNCTION	0.00	7.52	1	14:53	0	1.97	-4.696 %
J-774	JUNCTION	0.00	6.16	2	02:01	0	1.33	-0.730 %
J-776	JUNCTION	3.37	6.52	2	05:05	0.37	1.56	-1.730 %
J-778	JUNCTION	0.00	4.73	2	01:26	0	1.35	-4.097 %
J-77A	JUNCTION	0.00	28.76	2	09:59	0	2.84	-0.234 %
J-77B	JUNCTION	0.00	22.36	2	07:44	0	1.02	0.000 %
J-780	JUNCTION	0.00	4.46	2	12:03	0	1.66	-5.275 %
J-782	JUNCTION	0.00	2.55	2	11:55	0	0.85	-1.002 %
J-784	JUNCTION	5.70	5.70	2	12:14	0.632	1.17	-4.794 %
J-786	JUNCTION	0.00	3.06	2	11:53	0	0.907	-1.666 %
J-788	JUNCTION	0.00	3.22	2	11:53	0	0.903	-5.574 %
J-790	JUNCTION	0.00	3.36	2	11:40	0	0.929	-4.310 %
J-792	JUNCTION	0.00	5.15	2	12:05	0	1.1	-13.800 %
J-793	JUNCTION	1.92	5.80	2	14:07	0.212	0.371	-6.052 %
J-795	JUNCTION	0.00	5.15	2	11:37	0	0.911	-3.186 %
J-799	JUNCTION	0.00	10.52	2	07:19	0	1.88	0.883 %
J-799-WEIR-EAC	JUNCTION	0.00	20.86	0	07:10	0	2.33	0.000 %
J-80	JUNCTION	10.44	11.54	2	12:15	0.845	1.85	7.535 %
J-800	JUNCTION	0.00	11.49	2	22:42	0	3.26	0.079 %
J-802	JUNCTION	0.00	7.34	2	23:09	0	2.03	1.654 %
J-806	JUNCTION	0.00	6.54	2	23:40	0	2.23	1.020 %
J-809	JUNCTION	1.36	17.99	2	21:55	0.117	3.77	-0.310 %
J-810	JUNCTION	0.00	10.34	2	21:55	0	1.53	2.208 %
J-813	JUNCTION	0.00	6.87	2	22:43	0	1.51	1.304 %
J-816	JUNCTION	8.35	8.54	2	12:15	0.763	1.53	0.101 %
J-819	JUNCTION	0.00	5.45	2	08:30	0	0.755	1.941 %
J-82	JUNCTION	0.00	11.02	2	09:01	0	1.3	20.683 %
J-822	JUNCTION	7.33	7.33	2	12:15	0.664	0.682	-1.237 %
J-826	JUNCTION	6.76	7.38	2	12:14	0.611	0.662	-1.997 %
J-829	JUNCTION	0.00	7.56	3	00:21	0	0.824	1.284 %
J-83	JUNCTION	6.38	29.92	2	08:22	0.566	4.22	-2.757 %
J-831	JUNCTION	5.74	6.86	2	23:57	0.497	1.39	0.185 %
J-836	JUNCTION	5.93	7.91	2	23:40	0.516	1.88	0.132 %
J-838	JUNCTION	7.16	7.16	2	12:15	0.647	0.67	-2.624 %
J-83A	JUNCTION	0.00	36.36	3	05:39	0	3.05	1.834 %
J-84	JUNCTION	0.00	9.89	2	07:36	0	2.6	4.516 %
J-841	JUNCTION	0.00	5.78	2	10:25	0	0.743	3.037 %
J-844	JUNCTION	9.46	11.82	2	12:15	0.881	1.6	-1.423 %
J-848	JUNCTION	0.00	7.60	2	11:53	0	1.59	1.788 %
J-850	JUNCTION	0.00	9.07	2	20:00	0	1.64	4.204 %
J-851	JUNCTION	1.64	16.35	2	11:49	0.133	5.39	0.256 %
J-856	JUNCTION	0.00	20.96	2	12:14	0	6.29	0.027 %
J-860	JUNCTION	1.28	11.90	2	12:15	0.096	1.01	0.045 %
J-863	JUNCTION	0.00	10.62	2	12:15	0	0.919	0.110 %

J-865	JUNCTION	4.75	10.62	2	12:15	0.402	0.919	0.109 %
J-868	JUNCTION	0.00	5.86	2	12:15	0	0.517	0.152 %
J-87	JUNCTION	0.00	4.35	2	07:30	0	1.65	13.592 %
J-870	JUNCTION	5.86	5.86	2	12:15	0.517	0.517	0.053 %
J-879	JUNCTION	9.65	13.73	2	12:14	1.07	7.01	0.243 %
J-88	JUNCTION	0.00	6.28	2	07:24	0	1.79	9.495 %
J-880	JUNCTION	4.35	15.82	3	03:16	0.48	6.4	-4.726 %
J-881	JUNCTION	0.00	14.04	1	00:55	0	6.39	4.494 %
J-882	JUNCTION	7.01	11.36	2	11:51	0.769	5.78	-0.776 %
J-883	JUNCTION	0.00	15.45	3	05:55	0	5.23	3.385 %
J-884	JUNCTION	0.00	54.49	3	00:25	0	4.29	-16.289 %
J-888	JUNCTION	0.00	8.99	2	09:39	0	1.22	4.979 %
J-889	JUNCTION	0.00	6.03	2	08:10	0	1.05	6.522 %
J-891	JUNCTION	4.04	6.40	2	08:48	0.342	1.98	5.937 %
J-892	JUNCTION	0.00	5.55	2	09:39	0	1.7	3.811 %
J-894	JUNCTION	2.66	5.11	2	08:10	0.238	1.78	6.795 %
J-896	JUNCTION	0.00	5.24	2	07:59	0	1.77	7.553 %
J-899	JUNCTION	8.57	23.68	2	09:38	0.789	1.71	0.330 %
J-899A	JUNCTION	0.00	23.55	2	09:38	0	0.879	-5.576 %
J-902	JUNCTION	0.00	29.10	3	01:06	0	2.32	-18.743 %
J-903	JUNCTION	3.71	27.27	2	10:59	0.339	9.76	7.111 %
J-903A	JUNCTION	0.00	33.40	2	23:45	0	1.48	-13.992 %
J-910	JUNCTION	7.36	7.36	2	12:15	0.66	0.66	0.074 %
J-912	JUNCTION	13.56	13.56	2	12:15	1.35	1.35	0.063 %
J-917	JUNCTION	0.00	14.64	1	23:16	0	0.755	-1.761 %
J-918	JUNCTION	11.86	15.27	2	12:04	0.929	2.42	-1.829 %
J-920	JUNCTION	0.00	60.37	0	00:00	0	22.6	0.025 %
J-934	JUNCTION	3.45	26.44	2	08:42	0.316	2.76	-0.072 %
J-934A	JUNCTION	0.00	21.53	2	09:38	0	2.47	15.747 %
J-951	JUNCTION	4.48	10.11	2	19:34	0.497	1.91	-25.565 %
J-953	JUNCTION	0.00	12.47	0	22:16	0	4.98	-12.751 %
J-954	JUNCTION	0.00	20.95	0	21:35	0	7.09	-0.864 %
J-958	JUNCTION	1.38	56.82	1	22:45	0.272	14.2	-0.037 %
J-96	JUNCTION	0.00	6.96	2	11:14	0	1.85	6.078 %
J-963	JUNCTION	0.00	14.28	2	06:59	0	3.63	0.749 %
J-99	JUNCTION	11.00	11.00	2	12:15	0.941	1.87	10.842 %
JCT-24	JUNCTION	0.00	40.34	3	03:49	0	4.42	9.961 %
JCT-26	JUNCTION	0.00	133.09	0	08:32	0	3.11	-19.997 %
JCT-26-WEIR	JUNCTION	0.00	111.18	3	04:13	0	1.87	-43.867 %
JCT-28	JUNCTION	11.82	74.98	2	13:42	1	3.06	7.706 %
JCT-28-WEIR	JUNCTION	0.00	115.06	2	13:25	0	2.36	-16.866 %
JCT-30	JUNCTION	10.01	40.59	2	11:07	0.941	5.73	0.095 %
JCT-32	JUNCTION	6.31	12.73	2	09:20	0.553	1.09	1.493 %
JCT-32-WEIR	JUNCTION	0.00	24.65	2	12:15	0	0.527	-2.422 %
JCT-36	JUNCTION	0.00	18.41	0	00:01	0	6.97	0.114 %
JCT-46	JUNCTION	0.00	55.58	0	00:00	0	6.36	1.058 %
JCT-64	JUNCTION	0.00	14.24	1	15:27	0	2.67	-0.537 %
J-171	OUTFALL	0.00	13.02	2	12:15	0	7.15	0.000 %
J-263	OUTFALL	0.00	6.16	2	15:44	0	2.97	0.000 %
J-279	OUTFALL	0.00	4.36	2	23:27	0	2.47	0.000 %
J-33A	OUTFALL	0.00	2.82	1	17:54	0	1.89	0.000 %
J-386	OUTFALL	0.00	1.70	0	05:57	0	1.11	0.000 %
J-442	OUTFALL	0.00	14.31	3	03:00	0	12	0.000 %
J-561A	OUTFALL	0.00	65.98	0	00:00	0	19.5	0.000 %
J-567A	OUTFALL	0.00	2.82	2	10:25	0	1.52	0.000 %
J-582	OUTFALL	0.00	5.55	2	13:50	0	3.05	0.000 %
J-605	OUTFALL	0.00	7.05	2	12:52	0	2.85	0.000 %
J-671	OUTFALL	0.00	7.57	2	15:00	0	5.88	0.000 %
J-694	OUTFALL	0.00	9.20	0	00:00	0	0.593	0.000 %
J-703	OUTFALL	0.00	11.93	0	00:00	0	5.58	0.000 %
J-909	OUTFALL	0.00	7.18	2	12:17	0	0.661	0.000 %
J-911	OUTFALL	0.00	10.36	2	12:52	0	1.35	0.000 %
J-913	OUTFALL	0.00	11.11	0	00:00	0	0.00507	0.000 %
J-919	OUTFALL	0.00	13.55	2	12:06	0	2.43	0.000 %
J-920A	OUTFALL	0.00	60.37	0	00:00	0	16.7	0.000 %
J-963A	OUTFALL	0.00	8.11	0	00:00	0	0.386	0.000 %
J575A	OUTFALL	0.00	61.46	0	00:00	0	2.9	0.000 %
OFALL-10	OUTFALL	0.00	4.62	2	05:44	0	3.68	0.000 %
OFALL-12	OUTFALL	0.00	2.84	1	08:14	0	1.82	0.000 %
OFALL-14	OUTFALL	0.00	1.41	0	05:36	0	1.25	0.000 %
OFALL-16	OUTFALL	0.00	3.85	1	14:26	0	3.9	0.000 %
OFALL-18	OUTFALL	0.00	2.06	0	07:45	0	1.43	0.000 %
OFALL-20	OUTFALL	0.00	1.44	0	06:19	0	1.12	0.000 %
OFALL-22	OUTFALL	0.00	1.95	1	04:41	0	1	0.000 %
OFALL-24	OUTFALL	0.00	1.90	2	14:34	0	0.536	0.000 %
OFALL-26	OUTFALL	0.00	2.27	0	12:55	0	2.22	0.000 %
OFALL-28	OUTFALL	0.00	3.79	1	08:15	0	2.44	0.000 %
OFALL-30	OUTFALL	0.00	1.90	1	08:18	0	1.97	0.000 %
OFALL-32	OUTFALL	0.00	2.27	0	08:32	0	1.65	0.000 %
OFALL-34	OUTFALL	0.00	0.63	0	19:32	0	0.42	0.000 %

OFALL-36	OUTFALL	0.00	1.21	0	08:45	0	0.891	0.000	%
OFALL-38	OUTFALL	0.00	1.28	2	10:54	0	0.888	0.000	%
OFALL-40	OUTFALL	0.00	1.28	0	06:30	0	1.72	0.000	%
OFALL-42	OUTFALL	0.00	1.28	0	07:09	0	1.73	0.000	%
OFALL-44	OUTFALL	0.00	3.30	0	00:00	0	6.64	0.000	%
OFALL-46	OUTFALL	0.00	1.90	1	12:09	0	0.913	0.000	%
OFALL-48	OUTFALL	0.00	2.84	1	10:50	0	1.22	0.000	%
OFALL-50	OUTFALL	0.00	1.28	0	15:04	0	0.877	0.000	%
OFALL-52	OUTFALL	0.00	1.28	0	14:52	0	1.96	0.000	%
OFALL-54	OUTFALL	0.00	2.84	1	10:39	0	1.69	0.000	%
OFALL-66	OUTFALL	0.00	3.79	0	06:17	0	5.18	0.000	%
WELL-2E	OUTFALL	0.00	55.58	0	00:00	0	6.38	0.000	%
WELL-3	OUTFALL	0.00	4.88	0	00:01	0	1.79	0.000	%
WELL-4	OUTFALL	0.00	13.54	0	00:01	0	5.19	0.000	%
WELL-W-ENID-DR	OUTFALL	0.00	3.79	0	05:28	0	5.9	0.000	%
J-856-STORAGE-NEW	STORAGE	0.00	30.07	2	12:14	0	6.28	-0.008	%

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
J-102	JUNCTION	56.76	6.022	0.000
J-104	JUNCTION	65.66	6.941	0.000
J-106	JUNCTION	63.19	6.918	0.000
J-109	JUNCTION	18.95	2.122	0.000
J-11	JUNCTION	70.09	6.116	0.000
J-110	JUNCTION	64.26	6.286	0.000
J-113	JUNCTION	69.92	6.615	0.000
J-114	JUNCTION	65.22	6.211	0.000
J-118	JUNCTION	22.48	4.040	0.000
J-12	JUNCTION	37.64	5.118	0.000
J-121	JUNCTION	62.17	6.918	0.000
J-126	JUNCTION	18.29	1.867	0.000
J-127	JUNCTION	18.26	1.873	0.000
J-128	JUNCTION	18.10	1.806	0.000
J-129	JUNCTION	22.04	4.038	0.000
J-130	JUNCTION	26.53	4.673	0.000
J-131	JUNCTION	32.53	4.389	0.000
J-132	JUNCTION	71.20	6.136	0.000
J-137	JUNCTION	69.68	6.327	0.000
J-139	JUNCTION	76.43	6.412	0.000
J-140	JUNCTION	73.25	6.579	0.000
J-147	JUNCTION	66.17	6.862	0.000
J-148	JUNCTION	63.89	6.942	0.000
J-149	JUNCTION	59.35	6.942	0.000
J-15	JUNCTION	22.86	4.077	0.000
J-152	JUNCTION	61.33	6.997	0.000
J-153	JUNCTION	60.41	7.027	0.000
J-155	JUNCTION	62.41	7.053	0.000
J-156	JUNCTION	62.35	7.149	0.000
J-158	JUNCTION	23.04	4.462	0.000
J-160	JUNCTION	52.84	6.865	0.000
J-161	JUNCTION	23.18	3.944	0.000
J-162	JUNCTION	27.76	4.420	0.000
J-163	JUNCTION	75.67	5.325	0.000
J-164	JUNCTION	72.55	5.178	0.000
J-165	JUNCTION	71.32	5.269	0.000
J-166	JUNCTION	72.71	4.874	0.000
J-167	JUNCTION	74.35	4.420	0.000
J-168	JUNCTION	73.26	4.830	0.000
J-169	JUNCTION	68.73	5.134	0.000
J-170	JUNCTION	60.79	5.227	0.000
J-174	JUNCTION	67.46	7.265	0.000
J-175	JUNCTION	58.24	7.268	0.000
J-176	JUNCTION	48.55	6.869	0.000
J-179	JUNCTION	47.48	6.875	0.000
J-18	JUNCTION	21.65	3.579	0.000
J-180	JUNCTION	24.02	5.102	0.000
J-185	JUNCTION	23.97	5.178	0.000
J-188	JUNCTION	24.31	5.526	0.000
J-191	JUNCTION	24.21	4.815	0.000
J-195	JUNCTION	25.18	4.549	0.000
J-198	JUNCTION	54.60	7.327	0.000

J-199	JUNCTION	57.78	7.223	0.000
J-203	JUNCTION	58.01	7.187	0.000
J-204	JUNCTION	56.24	7.195	0.000
J-206	JUNCTION	60.37	7.044	0.000
J-208	JUNCTION	58.13	6.706	0.000
J-209	JUNCTION	54.32	6.707	0.000
J-212	JUNCTION	60.54	6.993	0.000
J-213	JUNCTION	35.04	5.192	0.000
J-217	JUNCTION	58.04	6.938	0.000
J-218	JUNCTION	65.39	6.914	0.000
J-222	JUNCTION	48.04	5.713	0.000
J-223	JUNCTION	34.59	5.113	0.000
J-225	JUNCTION	60.02	6.803	0.000
J-226	JUNCTION	58.62	6.794	0.000
J-232	JUNCTION	62.17	6.746	0.000
J-233	JUNCTION	61.98	6.293	0.000
J-235	JUNCTION	63.03	6.289	0.000
J-238	JUNCTION	57.00	5.724	0.000
J-24	JUNCTION	67.86	6.443	0.000
J-242	JUNCTION	46.12	5.725	0.000
J-244	JUNCTION	50.99	6.503	0.000
J-247	JUNCTION	58.88	6.499	0.000
J-248	JUNCTION	50.37	5.618	0.000
J-249	JUNCTION	53.13	5.617	0.000
J-25	JUNCTION	21.68	3.636	0.000
J-253	JUNCTION	64.99	5.331	0.000
J-254	JUNCTION	65.79	5.262	0.000
J-256	JUNCTION	65.84	5.212	0.000
J-262	JUNCTION	21.08	2.265	0.000
J-266	JUNCTION	50.53	5.588	0.000
J-267	JUNCTION	52.98	5.679	0.000
J-269	JUNCTION	66.26	6.670	0.000
J-27	JUNCTION	21.73	3.686	0.000
J-271	JUNCTION	77.98	4.968	0.000
J-275	JUNCTION	54.01	5.177	0.000
J-280	JUNCTION	63.05	4.359	0.000
J-281	JUNCTION	60.43	5.178	0.000
J-282	JUNCTION	61.67	5.438	0.000
J-283	JUNCTION	64.20	5.634	0.000
J-285	JUNCTION	56.96	5.176	0.000
J-286	JUNCTION	44.76	5.200	0.000
J-288	JUNCTION	34.26	2.989	0.000
J-290	JUNCTION	24.93	4.130	0.000
J-293	JUNCTION	60.21	6.587	0.000
J-295	JUNCTION	55.84	6.534	0.000
J-296	JUNCTION	57.73	6.466	0.000
J-297	JUNCTION	48.17	5.699	0.000
J-30	JUNCTION	66.59	6.499	0.000
J-300	JUNCTION	48.66	5.689	0.000
J-301	JUNCTION	51.50	5.666	0.000
J-304	JUNCTION	32.19	5.711	0.000
J-305	JUNCTION	32.61	5.714	0.000
J-31	JUNCTION	21.61	3.710	0.000
J-310	JUNCTION	32.49	5.714	0.000
J-312	JUNCTION	33.32	5.711	0.000
J-314	JUNCTION	22.13	3.348	0.000
J-317	JUNCTION	36.32	6.432	0.000
J-321	JUNCTION	22.39	3.694	0.000
J-323	JUNCTION	36.05	6.476	0.000
J-324	JUNCTION	22.52	3.715	0.000
J-327	JUNCTION	67.90	6.439	0.000
J-328	JUNCTION	21.80	3.662	0.000
J-33	JUNCTION	69.44	6.424	0.000
J-333	JUNCTION	55.19	6.874	0.000
J-334	JUNCTION	60.13	6.747	0.000
J-335	JUNCTION	59.45	6.568	0.000
J-341	JUNCTION	23.98	4.366	0.000
J-342	JUNCTION	23.03	5.205	0.000
J-343	JUNCTION	73.36	7.235	0.000
J-348	JUNCTION	53.93	6.471	0.000
J-351	JUNCTION	23.43	4.343	0.000
J-354	JUNCTION	65.52	3.362	0.000
J-354A	JUNCTION	65.50	3.365	0.000
J-355	JUNCTION	65.52	3.799	0.000
J-36	JUNCTION	68.86	6.434	0.000
J-362	JUNCTION	22.68	5.292	0.000
J-363	JUNCTION	46.04	6.891	0.000
J-364	JUNCTION	33.10	6.497	0.000
J-367	JUNCTION	65.76	6.889	0.000
J-368	JUNCTION	43.33	6.498	0.000

J-369	JUNCTION	43.68	6.499	0.000
J-374	JUNCTION	34.96	6.501	0.000
J-375	JUNCTION	32.94	6.101	0.000
J-380	JUNCTION	21.63	4.104	0.000
J-381	JUNCTION	37.32	6.503	0.000
J-384	JUNCTION	35.77	6.101	0.000
J-385	JUNCTION	36.49	6.099	0.000
J-388	JUNCTION	71.09	7.103	0.000
J-389	JUNCTION	47.97	6.603	0.000
J-393	JUNCTION	60.59	7.003	0.000
J-396	JUNCTION	57.98	7.439	0.000
J-399	JUNCTION	56.88	6.937	0.000
J-40	JUNCTION	23.08	3.725	0.000
J-402	JUNCTION	21.34	4.813	0.000
J-405	JUNCTION	54.47	6.713	0.000
J-407	JUNCTION	55.59	6.701	0.000
J-409	JUNCTION	59.22	6.688	0.000
J-410	JUNCTION	70.82	7.185	0.000
J-412	JUNCTION	60.60	6.679	0.000
J-414	JUNCTION	62.38	6.881	0.000
J-415	JUNCTION	21.14	4.449	0.000
J-416	JUNCTION	63.24	6.861	0.000
J-417	JUNCTION	24.24	5.708	0.000
J-42	JUNCTION	22.99	3.656	0.000
J-421	JUNCTION	24.03	5.709	0.000
J-422	JUNCTION	21.31	4.126	0.000
J-423	JUNCTION	20.25	3.960	0.000
J-424	JUNCTION	58.45	6.723	0.000
J-427	JUNCTION	62.96	6.777	0.000
J-430	JUNCTION	20.57	4.000	0.000
J-431	JUNCTION	37.59	4.001	0.000
J-432	JUNCTION	70.12	6.748	0.000
J-433	JUNCTION	62.96	6.441	0.000
J-434	JUNCTION	65.01	6.470	0.000
J-435	JUNCTION	21.33	3.015	0.000
J-436	JUNCTION	24.47	3.449	0.000
J-437	JUNCTION	76.26	6.458	0.000
J-438	JUNCTION	61.86	6.819	0.000
J-439	JUNCTION	72.86	6.699	0.000
J-440	JUNCTION	18.28	1.982	0.000
J-441	JUNCTION	18.27	2.053	0.000
J-444	JUNCTION	14.94	0.304	0.000
J-444-WEIR	JUNCTION	14.61	0.299	0.000
J-445	JUNCTION	32.35	5.425	0.000
J-448	JUNCTION	58.71	3.928	0.000
J-450	JUNCTION	73.28	7.010	0.000
J-454	JUNCTION	58.90	3.929	0.000
J-455	JUNCTION	42.09	2.809	0.000
J-459	JUNCTION	60.58	4.119	0.000
J-460-NEW	JUNCTION	48.79	3.636	0.000
J-463	JUNCTION	45.42	3.314	0.000
J-466	JUNCTION	56.13	6.718	0.000
J-468	JUNCTION	32.19	4.093	0.000
J-47	JUNCTION	64.92	4.575	0.000
J-470	JUNCTION	9.74	1.524	0.000
J-471	JUNCTION	36.47	5.619	0.000
J-478	JUNCTION	18.36	2.338	0.000
J-479	JUNCTION	38.13	2.229	0.000
J-480	JUNCTION	20.18	2.853	0.000
J-481	JUNCTION	34.73	3.427	0.000
J-482	JUNCTION	32.01	3.192	0.000
J-484	JUNCTION	47.66	3.666	0.000
J-485	JUNCTION	70.91	4.600	0.000
J-486	JUNCTION	62.98	3.875	0.000
J-487	JUNCTION	45.91	3.733	0.000
J-489	JUNCTION	39.19	3.211	0.000
J-491	JUNCTION	51.45	3.550	0.000
J-492	JUNCTION	60.44	4.394	0.000
J-493	JUNCTION	70.11	4.943	0.000
J-495	JUNCTION	67.64	4.916	0.000
J-497	JUNCTION	63.51	5.410	0.000
J-498	JUNCTION	20.61	3.153	0.000
J-499	JUNCTION	43.52	4.747	0.000
J-5	JUNCTION	25.11	4.520	0.000
J-50	JUNCTION	60.23	5.186	0.000
J-500	JUNCTION	43.40	4.747	0.000
J-505	JUNCTION	43.42	4.746	0.000
J-508	JUNCTION	43.40	4.745	0.000
J-51	JUNCTION	55.72	3.744	0.000
J-512	JUNCTION	42.74	4.733	0.000

J-518	JUNCTION	41.63	4.724	0.000
J-53	JUNCTION	60.14	7.843	0.000
J-534	JUNCTION	71.64	7.164	0.000
J-537	JUNCTION	52.61	4.300	0.000
J-539	JUNCTION	55.10	4.391	0.000
J-539-WEIR	JUNCTION	25.24	3.398	0.000
J-539A	JUNCTION	24.50	5.657	1.403
J-54	JUNCTION	25.40	4.930	0.000
J-541	JUNCTION	48.49	4.495	0.000
J-544	JUNCTION	58.21	4.921	0.000
J-548	JUNCTION	5.99	1.404	0.000
J-550	JUNCTION	23.94	2.524	0.000
J-553	JUNCTION	74.61	4.726	0.000
J-554	JUNCTION	55.68	4.481	0.000
J-555	JUNCTION	55.06	4.491	0.000
J-557	JUNCTION	0.00	0.265	3.105
J-559	JUNCTION	50.63	3.442	0.000
J-560	JUNCTION	50.94	3.360	0.000
J-561	JUNCTION	77.99	5.623	0.000
J-563	JUNCTION	21.14	3.002	0.000
J-565	JUNCTION	68.78	6.103	0.000
J-566	JUNCTION	17.08	0.445	0.000
J-567	JUNCTION	18.98	6.073	0.000
J-568	JUNCTION	19.03	5.336	0.000
J-569	JUNCTION	19.17	5.558	0.000
J-570	JUNCTION	17.79	0.801	0.000
J-571	JUNCTION	61.79	2.464	0.000
J-575	JUNCTION	77.99	5.612	0.000
J-576	JUNCTION	70.98	5.502	0.000
J-577	JUNCTION	19.99	2.403	0.000
J-578	JUNCTION	66.85	5.502	0.000
J-58	JUNCTION	25.33	4.926	0.000
J-581	JUNCTION	71.40	6.903	0.000
J-585	JUNCTION	41.32	3.697	0.000
J-588	JUNCTION	66.12	6.612	0.000
J-59	JUNCTION	25.33	4.912	0.000
J-591	JUNCTION	67.85	5.334	0.000
J-596	JUNCTION	71.31	7.549	0.000
J-598	JUNCTION	16.84	3.179	0.000
J-6	JUNCTION	66.25	5.815	0.000
J-60	JUNCTION	59.00	7.672	0.000
J-601	JUNCTION	63.23	5.030	0.000
J-602	JUNCTION	62.46	4.908	0.000
J-603	JUNCTION	14.84	2.803	0.000
J-604	JUNCTION	46.97	2.508	0.000
J-606	JUNCTION	69.73	5.023	0.000
J-607	JUNCTION	70.26	5.046	0.000
J-609	JUNCTION	65.16	4.874	0.000
J-61	JUNCTION	25.38	4.929	0.000
J-613	JUNCTION	64.49	5.750	0.000
J-615	JUNCTION	63.03	5.659	0.000
J-618	JUNCTION	57.96	6.498	0.000
J-61A	JUNCTION	10.69	1.315	4.685
J-623	JUNCTION	57.97	6.106	0.000
J-624	JUNCTION	22.72	3.703	0.000
J-626	JUNCTION	54.62	6.098	0.000
J-629	JUNCTION	64.42	6.511	0.000
J-63	JUNCTION	62.61	6.932	0.000
J-632	JUNCTION	56.49	6.524	0.000
J-633	JUNCTION	54.50	6.093	0.000
J-637	JUNCTION	48.65	6.094	0.000
J-64	JUNCTION	61.47	6.928	0.000
J-640	JUNCTION	51.39	6.514	0.000
J-647	JUNCTION	21.82	3.716	0.000
J-647B	JUNCTION	10.66	0.644	5.356
J-650	JUNCTION	38.20	5.533	0.000
J-653	JUNCTION	22.54	3.636	0.000
J-654	JUNCTION	22.66	3.588	0.000
J-657	JUNCTION	39.38	5.563	0.000
J-659	JUNCTION	37.08	5.538	0.000
J-663	JUNCTION	54.68	6.455	0.000
J-665	JUNCTION	54.38	6.351	0.000
J-666	JUNCTION	63.99	6.141	0.000
J-67	JUNCTION	63.91	6.765	0.000
J-670	JUNCTION	60.52	6.139	0.000
J-672	JUNCTION	77.99	6.290	0.070
J-673	JUNCTION	22.50	3.020	0.000
J-678	JUNCTION	61.34	6.133	0.000
J-67A	JUNCTION	61.79	6.765	0.000
J-682	JUNCTION	13.08	5.533	0.000

J-684	JUNCTION	13.07	5.396	0.000
J-686	JUNCTION	13.02	5.075	0.000
J-687	JUNCTION	12.79	4.573	0.000
J-691	JUNCTION	12.82	4.335	0.000
J-693	JUNCTION	77.99	3.990	1.370
J-697	JUNCTION	63.98	6.364	0.000
J-7	JUNCTION	66.70	6.024	0.000
J-700	JUNCTION	56.39	5.651	0.000
J-701	JUNCTION	77.68	5.601	0.000
J-702	JUNCTION	77.98	5.610	0.000
J-705	JUNCTION	73.02	5.853	0.000
J-707	JUNCTION	64.73	5.555	0.000
J-710	JUNCTION	54.99	5.752	0.000
J-712	JUNCTION	10.02	4.128	0.000
J-714	JUNCTION	10.01	4.116	0.000
J-719	JUNCTION	11.60	4.281	0.000
J-72	JUNCTION	67.96	6.927	0.000
J-721	JUNCTION	10.35	3.991	0.000
J-725	JUNCTION	5.62	3.669	0.000
J-728	JUNCTION	5.89	3.681	0.000
J-73	JUNCTION	66.30	6.960	0.000
J-734	JUNCTION	11.15	3.310	0.000
J-735	JUNCTION	12.82	4.012	0.000
J-736	JUNCTION	55.45	9.720	0.000
J-74	JUNCTION	63.45	6.936	0.000
J-740	JUNCTION	54.84	7.695	0.000
J-741	JUNCTION	47.15	6.599	0.000
J-744	JUNCTION	49.53	6.599	0.000
J-745	JUNCTION	24.62	4.805	0.000
J-748	JUNCTION	37.55	3.547	0.000
J-748-WEIR-STANTEC	JUNCTION	37.04	3.544	0.000
J-749	JUNCTION	73.07	6.145	0.000
J-750	JUNCTION	50.96	4.310	0.000
J-751	JUNCTION	73.33	6.110	0.000
J-752	JUNCTION	38.33	3.000	0.000
J-753	JUNCTION	76.87	7.213	0.000
J-754	JUNCTION	37.83	3.321	0.000
J-754-WEIR-STANTEC	JUNCTION	38.73	2.999	0.000
J-755	JUNCTION	63.01	5.430	0.000
J-760	JUNCTION	37.25	5.656	0.000
J-761	JUNCTION	20.33	3.107	0.000
J-763	JUNCTION	76.28	5.875	0.000
J-764	JUNCTION	70.42	6.878	0.000
J-766	JUNCTION	9.52	3.284	0.000
J-768	JUNCTION	9.77	4.041	0.000
J-769	JUNCTION	13.55	4.157	0.000
J-77	JUNCTION	22.94	4.354	0.000
J-771	JUNCTION	12.67	3.999	0.000
J-772	JUNCTION	16.70	3.972	0.000
J-774	JUNCTION	15.93	3.971	0.000
J-776	JUNCTION	13.62	3.971	0.000
J-778	JUNCTION	12.56	3.853	0.000
J-77A	JUNCTION	22.60	9.335	0.225
J-780	JUNCTION	13.66	3.861	0.000
J-782	JUNCTION	9.73	3.934	0.000
J-784	JUNCTION	9.14	4.109	0.000
J-786	JUNCTION	4.82	4.049	0.000
J-788	JUNCTION	2.38	3.968	0.000
J-790	JUNCTION	2.69	3.905	0.000
J-792	JUNCTION	10.73	3.732	0.000
J-793	JUNCTION	10.72	3.735	0.000
J-795	JUNCTION	2.67	3.879	0.000
J-799	JUNCTION	14.13	3.546	0.000
J-799-WEIR-EAC	JUNCTION	30.98	3.556	0.000
J-80	JUNCTION	66.04	7.149	0.000
J-800	JUNCTION	16.14	4.184	0.000
J-802	JUNCTION	20.69	4.992	0.000
J-806	JUNCTION	17.02	4.564	0.000
J-809	JUNCTION	16.94	4.562	0.000
J-810	JUNCTION	16.77	4.565	0.000
J-813	JUNCTION	19.76	5.037	0.000
J-816	JUNCTION	19.39	5.095	0.000
J-819	JUNCTION	18.66	5.114	0.000
J-82	JUNCTION	73.81	7.386	0.000
J-822	JUNCTION	31.83	5.557	0.000
J-826	JUNCTION	34.78	5.520	0.000
J-829	JUNCTION	18.64	5.098	0.000
J-83	JUNCTION	23.32	4.982	0.000
J-831	JUNCTION	19.39	5.089	0.000
J-836	JUNCTION	19.91	5.058	0.000

J-838	JUNCTION	20.14	5.060	0.000
J-83A	JUNCTION	23.44	10.060	0.000
J-84	JUNCTION	70.90	7.281	0.000
J-841	JUNCTION	14.87	4.512	0.000
J-844	JUNCTION	15.63	4.452	0.000
J-848	JUNCTION	16.32	4.448	0.000
J-850	JUNCTION	13.44	4.203	0.000
J-851	JUNCTION	13.83	3.895	0.000
J-863	JUNCTION	0.56	4.090	0.000
J-865	JUNCTION	0.92	4.540	0.000
J-868	JUNCTION	0.98	4.440	0.000
J-87	JUNCTION	67.86	7.009	0.000
J-870	JUNCTION	2.52	4.990	0.000
J-879	JUNCTION	71.32	5.810	0.000
J-88	JUNCTION	68.77	6.959	0.000
J-880	JUNCTION	57.28	3.405	0.000
J-881	JUNCTION	56.40	5.832	0.000
J-882	JUNCTION	62.40	3.859	0.000
J-883	JUNCTION	66.90	3.876	0.000
J-884	JUNCTION	16.61	0.383	0.000
J-888	JUNCTION	60.08	6.050	0.000
J-889	JUNCTION	58.40	6.045	0.000
J-891	JUNCTION	61.18	6.003	0.000
J-892	JUNCTION	59.09	5.988	0.000
J-894	JUNCTION	59.38	5.934	0.000
J-896	JUNCTION	58.17	5.819	0.000
J-899	JUNCTION	23.11	3.705	0.000
J-903	JUNCTION	71.88	5.307	0.000
J-910	JUNCTION	77.99	6.560	0.000
J-912	JUNCTION	77.99	6.396	0.000
J-917	JUNCTION	54.90	7.101	0.000
J-918	JUNCTION	57.73	4.141	0.000
J-920	JUNCTION	78.00	5.605	0.000
J-934	JUNCTION	23.00	3.351	0.000
J-951	JUNCTION	15.41	5.586	0.000
J-953	JUNCTION	17.57	5.041	0.000
J-954	JUNCTION	32.55	3.653	0.000
J-958	JUNCTION	59.40	5.654	0.000
J-96	JUNCTION	53.70	6.038	0.000
J-963	JUNCTION	38.06	5.119	0.000
J-99	JUNCTION	70.23	6.842	0.000
JCT-24	JUNCTION	17.89	0.509	0.000
JCT-26	JUNCTION	21.26	1.667	0.000
JCT-26-WEIR	JUNCTION	21.26	1.665	0.000
JCT-28	JUNCTION	1.57	1.012	0.000
JCT-28-WEIR	JUNCTION	1.54	1.011	0.000
JCT-30	JUNCTION	22.47	3.028	0.000
JCT-36	JUNCTION	0.34	0.178	2.422
JCT-46	JUNCTION	76.57	4.720	0.000
JCT-64	JUNCTION	52.03	5.730	0.000

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate CFS	Time of Max Occurrence days	hr:min	Total Flood Volume 10^6 gal	Maximum Ponded Depth Feet
J-102	20.45	5.16	2	10:51	0.079	2.462
J-104	26.57	10.28	2	11:57	0.370	2.241
J-106	22.90	6.17	2	09:21	0.101	2.668
J-109	18.95	4.46	2	10:59	0.053	2.122
J-11	17.65	8.12	2	10:24	0.027	0.556
J-110	20.93	7.80	2	11:58	0.243	2.053
J-113	21.98	10.59	1	17:27	0.170	1.781
J-114	18.83	9.68	2	06:43	0.071	1.051
J-118	18.53	9.91	2	07:16	0.050	1.040
J-12	17.57	9.50	2	10:56	0.031	0.558
J-121	18.22	7.48	2	12:31	0.061	1.218
J-126	18.28	13.85	2	12:15	0.717	1.867
J-127	18.26	1.23	2	12:14	0.036	1.873
J-128	18.10	1.21	2	12:13	0.035	1.806
J-129	19.00	10.13	2	12:20	0.392	1.098
J-130	19.34	5.43	2	11:54	0.080	1.033
J-131	11.31	3.65	2	22:51	0.057	0.099
J-132	22.45	7.89	2	11:56	0.173	1.369
J-137	25.77	2.51	2	09:37	0.098	1.527
J-139	19.44	2.59	1	10:35	0.028	1.052
J-140	21.41	2.85	1	23:56	0.049	1.299
J-147	22.23	9.72	2	12:15	0.363	1.562
J-148	21.19	4.33	2	10:13	0.065	1.602
J-149	25.70	4.04	1	07:19	0.117	2.142
J-15	18.72	18.60	2	11:17	0.179	1.377
J-152	22.02	7.22	2	12:15	0.292	1.597
J-153	22.79	3.82	2	05:07	0.070	1.527
J-155	23.86	3.34	2	01:45	0.079	1.633
J-156	24.92	3.15	1	05:52	0.095	1.879
J-158	20.04	21.84	2	09:01	0.427	1.862
J-160	20.08	9.49	2	10:11	0.086	1.765
J-161	9.92	4.56	2	12:16	0.096	0.277
J-162	0.92	4.96	2	20:51	0.016	0.003
J-163	10.67	5.10	0	11:01	0.143	0.614
J-164	7.15	3.89	1	06:40	0.076	0.005
J-165	7.56	4.58	1	04:32	0.077	0.001
J-166	5.16	4.55	1	21:36	0.060	0.001
J-167	6.27	7.26	2	01:51	0.090	0.004
J-168	10.44	4.69	1	09:28	0.112	0.004
J-169	15.90	4.54	1	04:30	0.167	0.162
J-170	20.79	3.26	1	09:13	0.173	0.151
J-174	22.93	4.27	2	10:12	0.107	2.465
J-175	25.08	1.85	2	08:21	0.079	2.218
J-176	21.47	5.44	2	01:02	0.092	1.749
J-179	22.25	9.51	2	02:52	0.141	2.125
J-18	18.47	24.41	2	11:18	0.222	1.349
J-180	18.55	18.58	2	10:48	0.659	2.152
J-185	18.75	19.38	2	10:49	0.472	2.108
J-188	21.41	23.32	2	07:18	0.446	2.706
J-191	20.85	17.81	2	08:45	0.532	1.865
J-195	22.07	21.00	2	08:31	0.564	2.789
J-198	32.76	7.42	2	12:15	0.303	2.827
J-199	29.13	4.25	2	05:58	0.141	2.673
J-203	26.90	7.79	2	12:15	0.444	2.687
J-204	28.78	5.44	2	07:29	0.167	2.745
J-206	28.62	4.21	1	12:08	0.151	2.494
J-208	27.13	6.59	2	10:12	0.175	2.456
J-209	29.86	3.95	1	18:11	0.176	2.357
J-212	25.73	3.17	1	18:33	0.119	2.143
J-213	21.90	14.61	2	07:49	0.471	2.442
J-217	35.68	8.72	2	12:15	0.543	3.168
J-218	25.88	8.89	2	05:47	0.184	2.724
J-222	26.52	15.87	2	07:51	0.326	3.383
J-223	19.57	36.03	2	06:26	0.681	2.313
J-225	24.86	2.90	2	06:03	0.085	1.953
J-226	25.36	3.01	2	06:03	0.102	1.944
J-232	24.69	3.02	2	11:48	0.086	1.846
J-233	20.27	6.64	2	12:15	0.240	1.693
J-235	20.37	5.82	1	18:19	0.067	1.729

J-238	25.03	12.39	1	09:23	0.190	1.624
J-24	19.18	4.93	2	11:31	0.046	1.643
J-242	30.66	10.24	1	06:45	0.250	1.825
J-244	33.82	4.57	1	09:22	0.184	1.803
J-247	31.14	5.54	2	12:15	0.218	1.839
J-248	27.64	15.42	1	21:34	0.277	1.818
J-249	25.38	13.43	1	21:23	0.506	1.767
J-25	18.57	19.36	2	11:48	0.358	1.596
J-253	53.38	5.96	2	12:14	0.401	0.681
J-254	52.69	3.95	1	09:25	0.367	0.562
J-256	36.22	7.92	2	12:15	0.351	0.412
J-262	0.11	3.43	1	18:54	0.002	0.005
J-266	34.61	9.31	2	02:58	0.381	0.938
J-267	31.91	6.26	1	15:54	0.324	0.929
J-268-WEIR	4.71	16.45	2	01:18	0.074	1.018
J-269	22.60	7.25	1	18:23	0.103	1.370
J-27	18.48	19.14	2	11:31	0.258	1.736
J-271	0.00	8.69	0	00:00	0.000	0.008
J-275	25.37	33.95	1	08:37	0.382	1.077
J-280	12.80	4.06	2	02:57	0.117	0.009
J-281	35.45	3.95	2	05:29	0.191	0.778
J-282	27.65	4.16	1	15:54	0.154	0.738
J-283	25.27	4.76	1	12:29	0.116	0.934
J-285	30.17	29.34	0	18:30	0.944	1.276
J-286	27.21	26.45	1	18:22	0.411	1.350
J-288	25.09	19.05	2	10:23	0.551	1.329
J-290	20.16	10.88	2	12:14	0.347	1.730
J-293	22.50	4.99	0	12:18	0.079	1.387
J-295	21.50	4.41	2	07:31	0.071	1.234
J-296	24.50	5.11	1	16:43	0.138	1.466
J-297	26.11	19.89	0	18:30	0.227	1.449
J-30	19.36	3.34	2	11:36	0.049	1.749
J-300	24.88	18.57	1	19:24	0.279	1.439
J-301	26.46	14.11	1	01:27	0.259	1.416
J-304	21.96	9.74	1	19:22	0.103	1.461
J-305	21.15	17.21	1	15:08	0.142	1.414
J-31	18.40	18.98	2	11:37	0.413	1.860
J-310	19.86	7.63	1	19:25	0.090	1.264
J-312	19.38	9.16	1	19:04	0.035	1.251
J-314	19.02	16.23	2	11:23	0.120	1.298
J-317	21.16	5.26	2	12:14	0.145	1.532
J-321	18.99	18.18	2	11:39	0.224	1.544
J-323	21.84	2.92	2	10:35	0.066	1.726
J-324	19.32	17.71	2	10:56	0.282	1.615
J-327	19.35	3.71	0	09:21	0.047	1.689
J-328	18.82	8.38	2	11:40	0.379	1.762
J-33	17.66	1.67	2	09:00	0.022	1.064
J-333	28.24	2.70	2	08:30	0.128	2.274
J-334	24.70	2.98	2	07:33	0.097	2.057
J-335	25.04	2.73	2	08:24	0.084	1.648
J-341	20.65	20.52	2	08:57	0.382	1.316
J-342	21.25	13.42	2	12:15	0.480	1.965
J-343	20.59	3.60	2	10:01	0.057	1.785
J-348	26.17	3.05	2	08:51	0.105	1.721
J-351	19.88	11.18	2	09:32	0.103	1.223
J-354	20.37	9.79	2	07:28	0.293	1.242
J-354A	19.33	22.29	2	11:14	0.451	1.245
J-355	19.30	17.13	2	11:09	0.559	1.629
J-359	18.98	5.08	2	11:19	0.290	1.718
J-36	18.57	3.00	2	10:03	0.044	1.714
J-362	20.15	3.95	2	07:00	0.047	1.152
J-363	20.15	5.59	2	12:15	0.326	1.191
J-364	20.05	5.39	1	04:05	0.049	1.147
J-367	21.53	5.12	2	07:11	0.070	1.689
J-368	20.96	9.20	2	12:15	0.280	1.698
J-369	20.84	5.66	2	10:23	0.064	1.349
J-374	19.85	5.05	1	20:40	0.046	1.201
J-375	20.57	7.38	2	11:45	0.069	1.351
J-380	18.46	24.44	2	11:45	0.284	1.204
J-381	19.77	5.51	2	10:08	0.048	1.203
J-384	20.51	8.18	0	18:17	0.194	1.301
J-385	17.87	10.44	1	08:40	0.021	0.539
J-388	19.88	7.95	1	12:34	0.144	1.303
J-389	20.03	6.77	1	10:07	0.061	1.203
J-393	22.56	4.21	2	01:45	0.090	1.203
J-396	25.79	5.79	2	12:15	0.170	1.189
J-399	20.96	3.24	2	04:48	0.056	0.737
J-40	18.12	46.14	2	10:57	0.364	1.505
J-402	18.79	16.38	2	11:20	0.106	2.173
J-405	19.97	3.37	2	11:20	0.050	1.563

J-407	20.28	2.95	2	10:14	0.055	1.731
J-409	19.40	4.21	2	07:39	0.053	1.758
J-410	18.93	5.45	2	10:03	0.076	1.435
J-412	18.86	4.22	2	07:52	0.043	1.519
J-414	19.97	5.52	2	10:24	0.078	2.341
J-415	18.35	22.37	2	10:55	0.244	1.889
J-416	18.89	5.00	2	11:04	0.046	1.611
J-417	18.72	12.04	1	08:09	0.042	1.038
J-42	22.60	20.85	2	07:23	0.263	2.982
J-421	20.13	8.86	1	17:50	0.161	1.509
J-422	18.32	13.30	2	11:30	0.203	1.376
J-423	18.10	14.34	2	10:29	0.427	1.060
J-424	21.05	3.47	2	02:28	0.062	1.573
J-427	21.16	3.51	2	04:30	0.063	1.577
J-430	18.23	12.37	2	11:49	0.435	1.300
J-431	18.47	24.03	2	11:04	0.381	1.212
J-432	21.96	20.12	0	11:39	0.194	1.450
J-433	30.23	6.31	0	23:38	0.253	1.476
J-434	25.98	5.78	0	09:10	0.154	1.334
J-435	18.54	5.15	0	08:22	0.039	1.138
J-436	19.72	5.31	0	10:04	0.072	1.609
J-437	26.87	10.62	2	12:00	0.490	2.007
J-438	39.09	8.46	2	12:15	0.697	1.613
J-439	31.08	6.08	0	16:48	0.222	1.442
J-440	18.02	25.01	3	01:30	0.297	0.955
J-441	6.04	27.20	3	01:29	0.163	0.136
J-444	21.13	58.27	3	05:37	0.747	4.194
J-444-WEIR	13.10	27.02	3	05:13	0.027	0.299
J-445	18.34	17.14	2	14:24	0.183	1.198
J-448	21.93	10.32	0	19:18	0.137	1.368
J-450	18.70	8.65	2	09:40	0.067	1.350
J-454	21.45	10.00	0	22:04	0.124	1.369
J-455	39.83	12.81	1	11:37	0.417	2.559
J-459	48.04	30.16	0	09:15	2.965	2.559
J-460-NEW	46.98	26.87	0	19:27	2.066	3.106
J-463	44.34	29.95	0	19:29	1.939	3.114
J-466	27.08	170.80	2	15:45	2.231	2.605
J-468	26.18	16.05	1	16:37	0.545	3.339
J-47	33.58	13.98	2	16:20	1.192	0.198
J-470	3.58	47.97	1	08:32	0.364	0.084
J-471	24.53	118.08	2	15:44	2.801	2.748
J-478	12.27	73.92	1	19:46	2.165	0.297
J-479	20.53	76.14	1	06:09	3.476	0.393
J-480	10.95	46.97	2	04:14	1.011	0.053
J-481	16.18	34.47	1	07:56	1.375	0.117
J-482	9.46	29.01	2	01:57	0.521	0.022
J-484	8.08	15.19	0	16:48	0.344	0.066
J-485	8.23	9.78	0	12:07	0.192	0.033
J-486	13.28	24.57	2	03:48	0.586	0.176
J-487	11.89	16.09	2	03:59	0.386	0.013
J-489	10.37	16.08	2	04:18	0.292	0.011
J-491	16.53	16.02	1	14:13	0.390	0.200
J-492	17.67	6.79	1	11:42	0.291	0.015
J-493	25.29	14.67	1	22:31	0.443	0.439
J-495	7.23	14.56	2	08:14	0.237	0.013
J-497	41.83	9.91	2	11:59	0.682	1.421
J-498	19.20	20.87	2	10:43	0.270	0.882
J-499	18.75	6.39	2	10:31	0.035	0.587
J-5	19.60	28.94	2	12:12	0.892	1.660
J-50	20.79	11.06	2	15:18	0.549	0.036
J-500	19.70	7.19	2	08:48	0.063	0.991
J-505	20.53	8.45	2	10:11	0.087	1.476
J-508	18.88	12.86	2	11:59	0.244	0.585
J-51	21.24	32.14	2	16:31	1.249	0.294
J-512	21.47	8.95	2	11:55	0.125	1.282
J-518	21.54	7.26	2	11:49	0.123	1.108
J-53	19.06	1.98	2	08:10	0.057	2.564
J-534	35.90	7.02	2	12:13	0.416	2.604
J-537	20.31	8.89	1	19:34	0.122	3.220
J-539	54.70	66.55	2	07:37	5.825	4.169
J-539-WEIR	23.58	66.84	2	07:16	1.556	3.338
J-54	21.76	18.68	2	12:04	1.222	3.020
J-541	43.16	8.49	2	12:14	0.849	3.755
J-544	36.88	7.57	1	20:13	0.627	0.735
J-548	3.57	31.22	2	16:31	0.252	0.224
J-550	7.27	22.03	3	05:33	0.369	0.024
J-553	10.67	13.38	1	21:17	0.393	0.026
J-554	3.15	16.26	0	07:40	0.139	0.011
J-555	4.74	16.39	1	17:38	0.180	0.001
J-559	6.12	15.74	2	04:42	0.189	0.002

J-560	9.61	11.89	1	16:03	0.322	0.020
J-561	0.00	53.44	0	00:00	0.001	0.023
J-563	18.13	19.15	2	11:48	0.129	0.952
J-565	18.84	9.27	2	08:08	0.081	0.753
J-566	16.20	35.57	3	05:25	1.144	0.335
J-567	0.49	8.44	2	12:17	0.009	0.013
J-568	16.70	8.89	2	12:17	0.041	0.276
J-569	17.71	9.26	3	05:43	0.054	0.331
J-570	17.75	16.30	2	12:35	0.117	0.801
J-571	17.71	34.89	3	05:42	0.361	0.434
J-575	0.00	34.88	0	00:00	0.000	0.012
J-576	1.08	3.92	1	20:33	0.017	0.002
J-577	0.23	1.15	2	10:17	0.001	0.003
J-578	4.96	4.02	2	08:10	0.069	0.002
J-58	21.81	22.47	2	08:38	0.399	3.265
J-581	8.71	3.30	2	08:19	0.084	0.003
J-585	8.27	26.46	2	19:12	0.302	0.747
J-588	18.01	4.78	0	22:23	0.271	0.482
J-59	21.63	48.13	2	08:42	0.604	3.084
J-591	3.01	20.57	2	05:57	0.100	0.434
J-596	3.80	1.94	1	20:34	0.020	0.788
J-598	5.17	19.08	2	09:53	0.285	0.879
J-6	17.35	10.61	2	09:01	0.051	0.461
J-60	22.54	5.08	2	08:41	0.129	3.114
J-601	12.49	4.60	0	19:45	0.153	0.430
J-602	12.47	5.38	1	10:17	0.169	0.458
J-603	0.69	5.78	1	21:29	0.020	0.003
J-604	2.25	5.49	1	21:44	0.025	0.008
J-606	8.38	5.83	2	09:24	0.127	0.323
J-607	6.75	6.47	2	09:30	0.094	0.146
J-609	8.12	6.09	1	21:17	0.110	0.274
J-61	22.03	13.15	2	09:06	0.509	3.046
J-613	14.27	4.05	1	06:41	0.127	0.650
J-615	14.95	3.79	1	08:13	0.133	0.559
J-618	26.35	3.13	2	09:49	0.092	1.898
J-623	20.16	9.27	2	11:41	0.102	1.606
J-624	18.79	23.26	2	11:32	0.486	1.303
J-626	20.14	6.24	2	01:11	0.059	1.538
J-629	20.73	8.48	2	12:15	0.290	1.511
J-63	20.16	8.56	2	12:15	0.236	1.572
J-632	25.47	2.93	2	07:07	0.103	1.624
J-633	21.23	8.20	2	09:47	0.268	1.743
J-637	23.18	6.45	1	14:42	0.154	1.994
J-64	20.56	4.05	2	08:53	0.059	1.568
J-640	26.79	4.52	2	12:14	0.216	1.944
J-647	17.63	15.13	2	11:49	0.561	1.156
J-650	20.71	9.49	2	10:14	0.096	1.473
J-653	19.85	9.16	2	11:06	0.265	1.436
J-654	18.44	23.15	2	11:00	0.154	1.388
J-657	20.43	9.53	2	07:51	0.096	1.193
J-659	20.80	9.18	1	19:36	0.163	1.438
J-663	25.94	15.48	2	12:15	0.639	1.355
J-665	25.93	9.57	1	16:40	0.440	1.351
J-666	21.34	10.10	1	08:32	0.138	1.091
J-67	21.36	5.38	2	11:40	0.112	1.465
J-670	24.16	9.30	1	07:57	0.216	1.339
J-673	18.55	20.16	2	11:15	0.502	1.420
J-678	24.43	8.71	0	23:01	0.317	1.433
J-67A	21.71	3.76	2	09:45	0.072	1.465
J-682	12.68	6.59	2	12:14	0.129	1.133
J-684	9.43	2.64	2	20:55	0.047	0.326
J-686	7.65	2.59	2	23:04	0.021	0.075
J-687	6.24	3.83	3	00:00	0.034	0.173
J-691	6.32	9.53	2	20:11	0.062	0.085
J-692	1.03	1.51	2	11:47	0.001	0.051
J-697	11.84	4.34	0	23:36	0.202	0.004
J-7	20.64	7.47	2	09:59	0.114	1.124
J-700	16.56	3.86	1	13:09	0.245	0.001
J-701	1.43	3.53	0	20:41	0.023	0.001
J-702	0.08	4.11	2	06:31	0.001	0.000
J-705	5.15	4.06	0	21:55	0.053	0.003
J-707	11.57	4.26	1	03:30	0.121	0.005
J-710	14.31	3.33	2	12:15	0.116	0.102
J-712	9.77	5.63	2	12:15	0.155	0.878
J-714	9.73	6.79	2	12:15	0.184	0.866
J-719	6.51	5.15	2	22:32	0.084	0.631
J-72	19.71	5.98	2	06:52	0.058	1.567
J-721	4.83	3.55	2	22:37	0.011	0.331
J-725	5.06	14.33	2	21:06	0.021	0.419
J-728	5.26	11.34	2	21:04	0.093	0.431

J-73	20.62	3.87	2	05:07	0.063	1.600
J-734	9.13	32.00	0	20:57	0.150	0.460
J-735	10.69	25.49	2	11:52	0.142	1.052
J-736	52.88	9.99	1	05:23	1.077	6.110
J-74	20.77	5.09	2	12:15	0.149	1.576
J-740	28.72	3.11	2	10:22	0.163	2.838
J-741	21.61	6.60	2	10:22	0.184	2.506
J-744	23.06	7.51	2	08:08	0.229	3.098
J-745	21.32	19.56	2	09:53	0.604	3.116
J-748	22.11	35.05	2	08:52	0.349	2.353
J-748-WEIR-STANTEC	21.02	26.33	1	09:22	0.176	2.350
J-749	32.91	8.11	2	07:45	0.371	2.289
J-750	21.26	27.92	2	07:14	0.442	1.295
J-751	32.57	11.63	1	11:03	0.530	2.168
J-752	28.74	58.23	0	09:17	0.987	2.238
J-753	33.30	6.76	0	06:50	0.225	2.256
J-754	32.92	22.47	0	09:33	1.828	2.380
J-754-WEIR-STANTEC	21.51	60.80	2	08:04	0.269	2.237
J-755	10.18	8.20	1	09:45	0.198	1.030
J-760	21.20	12.88	2	08:12	0.110	2.199
J-761	18.23	8.25	2	12:28	0.046	1.865
J-763	21.93	18.36	1	10:13	0.637	1.015
J-764	21.30	6.49	2	08:52	0.118	1.078
J-766	8.97	12.66	2	11:58	0.122	0.434
J-768	5.34	4.35	2	11:52	0.023	0.391
J-769	3.71	3.08	2	14:11	0.014	0.307
J-77	21.07	21.85	2	08:11	0.355	2.404
J-771	2.45	8.81	1	06:11	0.006	0.149
J-772	2.99	4.40	1	06:11	0.021	0.112
J-774	2.64	5.74	2	01:26	0.011	0.121
J-776	2.45	5.52	2	05:05	0.014	0.121
J-778	0.19	2.95	2	02:01	0.001	0.003
J-780	0.12	1.84	2	12:03	0.000	0.001
J-782	1.64	1.35	2	11:57	0.002	0.084
J-784	2.17	3.15	2	12:05	0.034	0.259
J-786	1.78	0.91	2	21:49	0.004	0.199
J-788	1.37	1.65	2	21:49	0.003	0.118
J-790	1.18	3.02	2	11:40	0.002	0.055
J-792	7.11	3.17	2	12:05	0.007	0.072
J-793	7.66	5.32	2	14:07	0.011	0.085
J-795	1.09	3.12	2	11:53	0.003	0.029
J-799	1.02	5.80	2	19:20	0.020	0.006
J-799-WEIR-EAC	2.98	15.99	1	16:56	0.092	0.016
J-80	20.35	9.35	2	12:15	0.263	1.789
J-800	11.14	8.09	2	21:19	0.068	0.344
J-802	12.11	7.29	2	23:09	0.065	0.452
J-806	11.79	4.60	2	22:39	0.048	0.424
J-809	10.75	12.10	2	21:55	0.092	0.372
J-810	12.13	10.03	2	21:55	0.100	0.625
J-813	12.52	4.94	2	06:34	0.033	0.597
J-816	12.99	6.59	2	12:15	0.165	0.755
J-819	12.47	4.53	2	08:30	0.029	0.574
J-82	20.21	10.24	2	08:22	0.095	1.926
J-822	13.51	6.59	2	12:15	0.160	0.717
J-826	14.33	7.38	2	12:15	0.198	0.780
J-829	13.53	6.63	2	06:18	0.029	0.558
J-83	19.80	19.93	2	09:34	0.386	1.922
J-831	13.39	4.43	2	12:15	0.132	0.599
J-836	12.98	4.42	2	10:22	0.110	0.518
J-838	8.51	4.33	2	12:15	0.088	0.320
J-83A	0.00	15.44	3	02:31	0.000	0.000
J-84	20.38	6.47	2	07:17	0.089	1.921
J-841	8.83	4.94	2	22:06	0.044	0.372
J-844	9.02	8.88	2	12:15	0.206	0.512
J-848	1.48	5.53	3	00:28	0.022	0.008
J-850	0.40	5.80	2	12:02	0.012	0.003
J-851	0.45	6.95	2	11:49	0.011	0.005
J-863	0.00	0.87	2	12:01	0.000	0.000
J-865	0.00	0.53	2	12:04	0.000	0.000
J-868	0.00	0.26	2	12:02	0.000	0.000
J-87	21.88	3.80	1	21:54	0.093	2.109
J-870	0.01	0.60	2	12:03	0.000	0.000
J-879	2.03	6.58	1	18:25	0.048	0.000
J-88	21.10	5.02	2	11:29	0.085	2.059
J-880	29.37	10.86	0	14:33	0.543	0.645
J-881	0.45	11.24	3	01:41	0.029	0.002
J-882	28.94	9.42	2	17:32	0.562	0.299
J-883	25.30	11.75	3	05:59	0.441	0.316
J-884	6.66	29.87	2	12:16	0.250	0.323
J-888	21.87	8.12	2	09:39	0.084	2.211

J-889	22.50	5.71	2	09:37	0.083	2.129
J-891	22.21	5.06	2	09:33	0.063	2.043
J-892	21.75	4.93	2	10:04	0.081	1.924
J-894	23.94	4.99	2	08:10	0.078	2.213
J-896	24.24	5.14	2	07:59	0.113	2.230
J-899	20.76	20.77	2	09:38	0.496	2.045
J-903	22.28	24.89	2	01:13	0.797	1.279
J-910	0.06	3.08	0	00:00	0.000	0.000
J-912	0.79	4.05	0	00:00	0.018	0.036
J-917	0.05	7.53	0	23:03	0.003	0.001
J-918	4.56	8.49	0	08:57	0.103	0.001
J-920	0.00	28.01	0	00:00	0.000	0.005
J-934	20.68	23.51	2	08:42	0.917	1.708
J-951	8.19	10.03	2	19:34	0.237	0.006
J-953	8.17	12.31	2	21:05	0.278	0.041
J-954	11.79	15.34	0	21:40	0.483	0.053
J-958	56.27	55.11	1	00:06	7.943	4.194
J-96	19.04	5.79	2	11:14	0.051	1.478
J-963	26.44	12.39	2	06:59	0.289	3.559
J-99	21.62	4.10	0	16:10	0.091	2.442
JCT-24	0.40	22.64	3	01:41	0.055	0.009
JCT-26	4.75	48.60	2	17:33	0.104	1.017
JCT-26-WEIR	4.32	50.75	3	04:13	0.209	1.015
JCT-28	0.09	47.41	2	13:25	0.028	0.002
JCT-28-WEIR	0.01	38.95	2	13:42	0.005	0.001
JCT-30	23.30	29.93	2	11:16	0.161	3.468
JCT-46	31.19	54.67	0	00:00	3.291	1.160
JCT-64	26.85	10.76	1	15:27	0.192	1.670

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
J-856-STORAGE-NEW	1.143	30.74	0.0	0.0	2.839	76	2 12:21	16.00

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
J-171	99.99	3.34	13.02	7.145
J-263	76.78	1.60	6.16	2.968
J-279	40.09	2.61	4.36	2.471
J-33A	56.67	1.34	2.82	1.891
J-386	29.86	1.51	1.70	1.114
J-442	100.00	5.37	14.31	11.956
J-561A	100.00	9.11	65.98	19.547
J-567A	22.20	2.72	2.82	1.525
J-582	97.70	1.30	5.55	3.054
J-605	99.51	1.39	7.05	2.854
J-671	99.91	2.64	7.57	5.884
J-694	98.44	0.27	9.20	0.593
J-703	99.99	2.67	11.93	5.581
J-909	97.48	0.30	7.18	0.661
J-911	97.88	0.60	10.36	1.347
J-913	86.99	0.00	11.11	0.005
J-919	99.45	1.19	13.55	2.432
J-920A	100.00	8.08	60.37	16.713
J-963A	81.13	0.21	8.11	0.386
J575A	96.53	1.31	61.46	2.898
OFALL-10	57.60	2.69	4.62	3.676
OFALL-12	36.98	1.96	2.84	1.816
OFALL-14	63.37	0.86	1.41	1.248
OFALL-16	83.99	2.07	3.85	3.898
OFALL-18	39.59	1.46	2.06	1.427
OFALL-20	52.07	0.90	1.44	1.119
OFALL-22	22.00	1.84	1.95	1.004
OFALL-24	15.36	1.52	1.90	0.536
OFALL-26	63.77	1.53	2.27	2.220
OFALL-28	29.30	3.29	3.79	2.444
OFALL-30	80.22	1.11	1.90	1.974
OFALL-32	53.83	1.28	2.27	1.647
OFALL-34	30.49	0.55	0.63	0.420
OFALL-36	40.21	0.92	1.21	0.891
OFALL-38	96.75	0.41	1.28	0.888
OFALL-40	97.70	0.86	1.28	1.723
OFALL-42	94.99	0.86	1.28	1.727
OFALL-44	100.00	3.15	3.30	6.641
OFALL-46	56.24	0.74	1.90	0.913
OFALL-48	65.02	0.87	2.84	1.221
OFALL-50	82.10	0.50	1.28	0.877
OFALL-52	78.35	1.21	1.28	1.960
OFALL-54	83.83	0.97	2.84	1.686
OFALL-66	93.64	2.57	3.79	5.184
WELL-2E	46.76	6.18	55.58	6.380
WELL-3	94.93	0.85	4.88	1.786
WELL-4	95.02	2.45	13.54	5.192
WELL-W-ENID-DR	94.67	2.99	3.79	5.902
System	73.53	94.17	267.90	157.426

****
Link Flow Summary
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Link	Type	Maximum |Run Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Output Flow| CFS	Time of Max Occurrence days hr:min	Max/ Full Flow	Maximum |Veloc| ft/sec	Time of Max Occurrence days hr:min	Max/ Full Depth	Time of Max Occurrence days hr:min	Maximum Top Width ft
C-WELL3W	CONDUIT	4.88	0 00:01	4.87	0 00:01	1.01	5.73	0 00:01	1.00	0 00:01	0.42
C-WELL4E	CONDUIT	13.54	0 00:01	13.27	0 00:01	0.39	5.57	0 00:01	1.00	2 12:00	0.94
CDT-101	CONDUIT	23.96	2 07:17	22.65	2 07:18	4.69	3.39	2 07:17	1.00	2 05:25	3.00
CDT-103	CONDUIT	19.95	2 08:45	14.78	2 09:08	3.91	2.82	2 08:45	1.00	2 05:26	3.00
CDT-105	CONDUIT	21.00	2 08:57	15.42	2 08:53	4.11	2.97	2 08:57	1.00	2 05:39	3.00
CDT-107	CONDUIT	17.92	2 09:20	10.79	2 09:12	3.51	2.54	2 09:20	1.00	2 04:42	3.00
CDT-109	CONDUIT	19.44	1 22:58	13.18	0 11:27	3.80	2.75	1 22:58	1.00	0 06:07	3.00
CDT-11	CONDUIT	3.84	2 11:16	3.55	3 02:33	1.39	4.30	2 11:16	1.00	0 06:04	1.06
CDT-111	CONDUIT	23.92	2 07:14	13.31	2 06:51	4.68	3.38	2 07:14	1.00	0 06:05	3.00
CDT-113	CONDUIT	15.79	2 08:28	8.77	2 09:55	3.09	2.23	2 08:28	1.00	2 06:29	3.00
CDT-115	CONDUIT	24.13	2 08:31	15.16	2 08:54	2.19	1.92	2 08:31	1.00	1 14:17	4.00
CDT-121	CONDUIT	55.58	0 00:00	23.44	2 12:05	0.14	9.19	0 00:00	1.00	0 00:00	1.72
CDT-123	CONDUIT	20.65	2 07:36	12.47	2 11:52	4.04	8.84	0 06:38	1.00	0 10:13	3.00
CDT-125	CONDUIT	20.77	2 10:33	15.39	2 08:45	1.89	1.65	2 10:33	1.00	0 12:22	4.00
CDT-171	CONDUIT	16.99	1 11:37	14.77	0 19:23	0.17	2.15	0 00:28	1.00	0 06:24	4.00
CDT-173	CONDUIT	11.39	2 09:30	10.73	2 09:30	0.73	7.74	0 08:40	0.97	2 12:19	4.00
CDT-175	CONDUIT	5.68	2 17:58	4.32	2 17:55	0.37	5.26	0 22:16	0.97	2 12:18	4.00
CDT-177	CONDUIT	10.26	1 06:39	9.21	2 12:17	0.66	0.90	1 06:39	1.00	0 20:41	4.00
CDT-179	CONDUIT	12.76	2 09:53	9.17	2 12:17	0.82	1.02	2 09:53	1.00	0 20:42	4.00
CDT-181	CONDUIT	35.21	2 13:51	25.20	2 13:03	2.26	2.80	2 13:51	1.00	0 07:45	4.00
CDT-183	CONDUIT	27.56	2 19:12	16.77	2 09:43	1.77	2.19	2 19:12	1.00	0 07:02	4.00
CDT-185	CONDUIT	36.78	2 13:52	32.36	2 13:52	2.36	2.93	2 13:52	1.00	0 07:45	4.00
CDT-187	CONDUIT	16.68	2 06:12	11.20	2 05:57	1.07	1.33	2 06:12	1.00	0 06:40	4.00
CDT-189	CONDUIT	16.68	2 06:12	11.20	2 05:57	1.07	1.33	2 06:12	1.00	0 06:40	4.00
CDT-191	CONDUIT	12.76	2 09:53	5.42	0 18:31	0.82	1.02	2 09:53	1.00	0 20:42	4.00
CDT-193	CONDUIT	30.40	2 07:52	16.66	2 08:08	1.95	2.42	2 07:52	1.00	1 09:34	4.00
CDT-195	CONDUIT	6.79	2 11:16	3.85	2 11:17	0.44	3.03	0 00:01	1.00	0 05:17	3.99
CDT-197	CONDUIT	23.74	2 11:00	16.66	2 11:02	1.53	1.89	2 11:00	1.00	2 06:54	4.00
CDT-199	CONDUIT	23.05	2 11:34	11.56	2 10:14	1.48	1.83	2 11:34	1.00	2 08:06	4.00
CDT-201	CONDUIT	19.55	2 11:48	13.97	2 11:19	1.26	1.56	2 11:48	1.00	2 08:00	4.00
CDT-205	CONDUIT	8.29	2 11:07	7.68	2 11:24	0.01	0.82	2 10:49	1.00	2 14:27	4.00
CDT-207	CONDUIT	24.50	2 10:20	23.49	2 10:20	1.57	1.95	2 10:20	1.00	2 07:42	4.00
CDT-209	CONDUIT	19.86	3 05:42	12.79	3 05:29	1.28	1.58	3 05:42	1.00	0 15:47	4.00
CDT-211	CONDUIT	17.43	3 05:42	13.08	3 05:29	1.12	1.39	3 05:42	1.00	0 15:47	4.00
CDT-213	CONDUIT	22.68	0 21:17	18.35	0 21:18	1.46	1.81	0 21:17	1.00	0 13:14	4.00
CDT-215	CONDUIT	8.95	2 10:50	7.64	2 10:51	0.01	0.91	2 04:33	1.00	2 12:22	4.00
CDT-217	CONDUIT	7.37	2 11:41	5.32	2 11:28	0.01	0.72	2 11:41	1.00	2 14:59	4.00
CDT-219	CONDUIT	8.02	2 11:40	7.45	2 11:41	0.01	0.77	2 11:40	1.00	2 13:15	4.00
CDT-221	CONDUIT	17.95	2 10:39	14.46	2 11:24	1.15	1.43	2 10:39	1.00	2 07:03	4.00
CDT-223	CONDUIT	23.89	2 11:31	16.38	2 11:31	1.54	1.90	2 11:31	1.00	2 08:06	4.00
CDT-225	CONDUIT	19.81	2 11:01	18.49	2 11:20	1.27	1.58	2 11:01	1.00	2 06:57	4.00
CDT-227	CONDUIT	18.39	2 11:23	7.96	2 11:30	1.18	1.46	2 11:23	1.00	2 07:59	4.00
CDT-229	CONDUIT	21.56	2 10:57	14.88	2 10:03	1.39	1.72	2 10:57	1.00	2 06:54	4.00
CDT-231	CONDUIT	21.92	2 10:57	14.32	2 10:03	1.41	1.74	2 10:57	1.00	2 06:54	4.00
CDT-233	CONDUIT	17.12	2 06:58	9.64	1 18:48	1.10	1.50	1 11:51	1.00	2 06:51	4.00
CDT-235	CONDUIT	12.15	3 05:37	11.59	3 05:50	0.01	0.99	3 05:37	1.00	2 14:29	4.00
CDT-237	CONDUIT	10.98	3 05:37	10.20	3 05:49	0.01	0.90	3 05:37	1.00	2 14:29	4.00
CDT-239	CONDUIT	23.19	2 08:38	21.40	2 08:06	1.49	1.85	2 08:38	1.00	2 04:34	4.00
CDT-241	CONDUIT	21.56	2 10:57	14.88	2 10:03	1.39	1.72	2 10:57	1.00	2 06:54	4.00
CDT-243	CONDUIT	8.42	2 12:04	7.55	2 12:01	0.01	0.90	2 09:37	1.00	2 14:27	4.00
CDT-245	CONDUIT	7.60	2 11:53	7.42	2 11:57	0.01	0.89	2 08:49	1.00	2 13:28	4.00

CDT-247	CONDUIT	22.42	2	11:32	14.07	2	09:55	1.44	1.78	2	11:32	1.00	2	06:56	4.00
CDT-249	CONDUIT	23.55	2	09:38	11.50	2	08:54	1.51	1.87	2	09:38	1.00	2	06:49	4.00
CDT-251	CONDUIT	22.36	2	10:10	14.88	2	10:24	1.44	1.78	2	10:10	1.00	2	06:58	4.00
CDT-253	CONDUIT	22.47	2	11:37	7.64	2	11:20	1.44	1.79	2	11:37	1.00	2	08:10	4.00
CDT-255	CONDUIT	23.28	2	08:42	13.42	2	07:50	1.50	1.85	2	08:42	1.00	2	04:33	4.00
CDT-257	CONDUIT	23.28	2	08:42	13.42	2	07:50	1.50	1.85	2	08:42	1.00	2	04:33	4.00
CDT-259	CONDUIT	28.76	2	09:59	15.38	2	08:48	1.85	2.29	2	09:59	1.00	2	06:51	4.00
CDT-261	CONDUIT	32.61	3	05:39	13.61	2	08:04	2.10	2.60	3	05:39	1.00	2	06:23	4.00
CDT-263	CONDUIT	23.68	2	10:43	13.56	2	10:23	1.52	1.88	2	10:43	1.00	2	07:24	4.00
CDT-265	CONDUIT	23.02	2	01:09	18.32	0	22:13	1.48	2.05	1	06:13	1.00	0	16:37	4.00
CDT-267	CONDUIT	23.02	2	01:09	18.32	0	22:13	1.48	2.05	1	06:13	1.00	0	16:37	4.00
CDT-269	CONDUIT	14.83	2	11:52	12.27	2	11:59	0.95	1.29	2	11:52	1.00	2	11:52	4.00
CDT-271	CONDUIT	14.44	2	11:32	8.48	2	11:31	0.93	1.15	2	11:32	1.00	2	09:05	4.00
CDT-273	CONDUIT	26.93	0	09:03	15.54	0	20:24	1.73	2.14	0	09:03	1.00	0	08:20	4.00
CDT-275	CONDUIT	22.01	2	08:21	17.41	2	08:22	1.41	1.75	2	08:21	1.00	2	06:30	4.00
CDT-277	CONDUIT	24.60	2	10:55	13.21	2	10:55	1.58	5.49	0	03:47	1.00	2	08:49	4.00
CDT-279	CONDUIT	6.01	0	09:03	4.56	0	09:12	0.01	0.80	0	09:03	1.00	2	13:02	4.00
CDT-281	CONDUIT	7.85	2	10:56	7.67	2	10:56	0.01	0.79	2	10:56	1.00	2	12:33	4.00
CDT-283	CONDUIT	22.36	2	07:44	15.34	2	09:10	1.44	1.78	2	07:44	1.00	2	06:51	4.00
CDT-285	CONDUIT	17.80	2	11:20	15.48	2	11:18	1.14	1.42	2	11:20	1.00	2	08:35	4.00
CDT-287	CONDUIT	16.29	2	11:30	3.92	2	12:18	1.05	1.30	2	11:30	1.00	2	08:40	4.00
CDT-289	CONDUIT	26.16	2	11:45	11.36	2	11:33	1.68	2.08	2	11:45	1.00	2	08:12	4.00
CDT-291	CONDUIT	32.97	0	09:15	20.07	0	09:15	2.12	2.62	0	09:15	1.00	0	06:13	4.00
CDT-293	CONDUIT	17.69	2	11:04	12.17	2	10:27	1.14	1.41	2	11:04	1.00	2	08:50	4.00
CDT-295	CONDUIT	26.10	0	12:20	20.86	1	18:35	1.68	2.70	0	01:05	1.00	0	06:23	4.00
CDT-297	CONDUIT	26.10	2	08:42	15.38	2	08:59	1.68	2.08	2	08:42	1.00	2	06:52	4.00
CDT-299	CONDUIT	13.08	2	11:39	11.24	2	10:43	5.34	4.16	2	11:39	1.00	0	05:09	2.00
CDT-439	CONDUIT	12.50	1	15:27	8.86	1	18:25	18.71	4.00	1	15:27	1.00	0	12:50	2.00
CDT-525	CONDUIT	74.99	2	07:37	46.15	2	02:27	4.82	5.97	2	07:37	1.00	0	06:17	3.92
CDT-539	CONDUIT	30.19	0	19:33	29.87	2	09:49	1.11	4.27	0	19:33	1.00	0	06:04	3.00
CDT-87	CONDUIT	30.07	2	12:14	21.68	2	12:35	2.35	23.56	2	12:36	0.74	2	12:21	3.00
CDT-91	CONDUIT	7.50	3	01:28	6.02	2	20:13	1.47	1.06	3	01:28	1.00	0	11:40	3.00
CDT-93	CONDUIT	22.69	2	05:50	19.12	2	05:52	4.44	3.71	0	11:44	1.00	1	00:45	3.00
CDT-95	CONDUIT	19.85	2	07:14	15.18	2	08:32	3.88	2.81	2	07:14	1.00	2	05:16	3.00
CDT-97	CONDUIT	20.63	2	08:37	8.93	2	10:47	4.04	2.92	2	08:37	1.00	2	05:17	3.00
CDT-99	CONDUIT	15.14	2	07:49	8.48	2	07:44	2.96	2.14	2	07:49	1.00	1	01:18	3.00
J-963_OUTFALL	CONDUIT	8.11	0	00:00	4.04	2	12:20	23.33	8.07	0	00:00	1.00	0	00:00	0.31
J561_OUTFALL	CONDUIT	65.98	0	00:00	24.47	2	12:16	20.28	14.66	0	00:00	1.00	0	00:00	0.94
J575_OUTFALL	CONDUIT	61.46	0	00:00	19.90	2	13:39	18.89	13.80	0	00:00	1.00	0	00:00	0.94
J920_OUTFALL	CONDUIT	60.37	0	00:00	13.10	0	08:39	18.55	13.47	0	00:00	1.00	0	00:00	0.94
LINK-WELL-2	CONDUIT	13.73	2	12:15	13.73	2	12:15	1.93	4.37	2	12:15	1.00	0	06:25	0.78
U-1	CONDUIT	10.18	2	12:12	10.02	2	12:12	11.44	2.25	2	12:12	1.00	0	07:33	2.40
U-100	CONDUIT	3.50	1	09:13	2.80	0	08:12	19.73	2.51	1	09:13	1.00	0	00:04	1.33
U-101	CONDUIT	7.29	3	02:43	6.46	3	01:45	28.10	5.23	3	02:43	1.00	0	00:02	1.33
U-102	CONDUIT	4.13	2	11:57	4.10	2	12:52	22.11	3.63	0	00:02	1.00	0	00:04	1.27
U-103	CONDUIT	7.49	3	00:28	6.64	3	01:45	37.35	5.37	3	00:28	1.00	0	00:02	1.19
U-104	CONDUIT	4.46	2	11:54	4.10	2	12:52	34.27	8.18	2	11:54	1.00	0	00:01	0.33
U-105	CONDUIT	9.90	2	12:04	9.74	2	12:15	19.57	5.60	2	12:04	1.00	0	00:01	1.44
U-106	CONDUIT	13.02	2	12:15	13.02	2	12:15	2.23	6.47	2	12:15	1.00	0	00:01	0.63
U-11	CONDUIT	13.08	2	11:06	7.36	2	11:37	7.41	4.16	2	11:06	1.00	0	07:42	2.00
U-110	CONDUIT	9.89	2	07:36	7.42	0	11:51	15.79	4.92	2	07:36	1.00	0	01:22	1.60
U-112	CONDUIT	9.37	2	09:01	6.43	2	06:55	12.22	4.66	2	09:01	1.00	0	01:22	1.60
U-113	CONDUIT	9.45	2	12:27	9.44	2	12:27	80.19	8.41	2	12:27	1.00	0	06:13	1.20
U-114	CONDUIT	4.36	2	12:26	4.35	2	12:26	17.60	2.17	2	12:26	1.00	0	01:22	1.60
U-118	CONDUIT	4.74	2	11:01	3.94	2	11:13	15.72	4.19	2	11:01	1.00	0	06:15	1.20
U-121	CONDUIT	4.07	2	09:31	3.23	2	12:48	15.22	2.02	2	09:31	1.00	0	06:27	1.60
U-122	CONDUIT	6.18	2	11:01	4.75	2	11:35	13.06	3.07	2	11:01	1.00	0	06:27	1.60
U-125	CONDUIT	3.96	2	10:16	3.70	2	12:15	7.60	1.58	2	06:34	1.00	0	06:54	2.00
U-129	CONDUIT	6.16	2	08:52	5.83	2	12:16	14.54	5.45	2	08:52	1.00	0	06:29	1.20
U-13	CONDUIT	5.51	2	12:01	4.65	2	12:05	19.54	2.74	2	12:01	1.00	0	07:03	1.60

U-131	CONDUIT	3.02	2	12:19	3.02	2	12:19	22.93	2.67	2	12:19	1.00	0	06:29	1.20
U-141	CONDUIT	3.89	1	09:53	2.76	1	22:52	25.01	3.44	1	09:53	1.00	0	12:29	1.20
U-142	CONDUIT	4.23	1	12:29	2.62	1	18:54	27.88	3.74	1	12:29	1.00	0	12:29	1.20
U-147	CONDUIT	3.37	1	15:29	3.27	2	04:18	27.49	2.98	1	15:29	1.00	0	12:30	1.20
U-15	CONDUIT	3.93	2	11:56	3.52	2	11:56	1.31	3.48	2	11:56	1.00	0	07:17	1.20
U-150	CONDUIT	4.16	2	12:26	4.16	2	12:27	31.59	3.68	2	12:26	1.00	0	12:29	1.20
U-153	CONDUIT	4.51	2	07:11	3.68	1	15:58	19.43	3.98	2	07:11	1.00	0	12:29	1.20
U-155	CONDUIT	6.33	2	07:29	4.33	2	08:42	14.18	5.60	2	07:29	1.00	0	12:29	1.20
U-156	CONDUIT	3.54	2	06:07	2.86	2	01:00	24.95	3.13	2	06:07	1.00	0	12:29	1.20
U-158	CONDUIT	5.64	2	10:12	4.32	2	10:13	20.48	4.99	2	10:12	1.00	0	12:29	1.20
U-16	CONDUIT	3.91	2	11:43	3.28	2	11:56	14.23	1.94	2	11:43	1.00	0	08:42	1.60
U-160	CONDUIT	3.82	2	12:37	3.82	2	12:37	17.72	2.16	2	12:37	1.00	0	12:52	1.50
U-161	CONDUIT	2.76	2	01:33	2.45	0	15:59	25.71	2.92	2	01:33	1.00	0	11:32	1.20
U-165	CONDUIT	3.01	2	10:15	2.51	2	09:54	20.26	2.66	2	10:15	1.00	0	12:38	1.20
U-167	CONDUIT	2.45	2	02:08	2.26	1	12:35	19.53	2.17	2	02:08	1.00	0	12:38	1.20
U-17	CONDUIT	17.30	2	11:17	10.82	2	11:20	0.24	2.45	2	11:17	1.00	2	06:03	3.00
U-171	CONDUIT	2.37	2	05:54	1.92	2	04:46	19.31	2.10	2	05:54	1.00	0	12:38	1.20
U-172	CONDUIT	3.59	2	06:47	3.31	2	07:07	28.61	3.18	2	06:47	1.00	0	12:38	1.20
U-176	CONDUIT	4.25	2	07:06	3.90	2	07:07	28.17	3.76	2	07:06	1.00	0	12:38	1.20
U-177	CONDUIT	10.98	1	19:25	7.05	1	16:28	25.24	5.53	1	19:25	1.00	0	13:09	1.60
U-18	CONDUIT	4.97	2	11:31	3.48	2	11:34	14.60	4.39	2	11:31	1.00	0	08:06	1.20
U-181	CONDUIT	8.97	2	04:33	7.29	1	13:26	35.74	4.62	2	04:33	1.00	0	13:09	1.60
U-184	CONDUIT	20.29	1	23:29	15.54	1	19:23	46.07	10.09	1	23:29	1.00	0	13:30	1.60
U-186	CONDUIT	11.31	1	23:32	11.20	1	23:34	67.18	10.00	1	23:32	1.00	0	12:28	1.20
U-191	CONDUIT	6.97	1	06:45	6.46	1	02:42	47.15	6.17	1	06:45	1.00	0	12:20	1.20
U-193	CONDUIT	7.86	1	22:05	6.71	1	19:18	22.71	6.95	1	22:05	1.00	0	12:15	1.20
U-195	CONDUIT	8.25	1	07:48	6.73	1	19:18	27.35	7.29	1	07:48	1.00	0	12:15	1.20
U-196	CONDUIT	7.00	1	07:18	6.50	1	08:28	48.29	6.19	1	07:18	1.00	0	12:15	1.20
U-197	CONDUIT	19.56	0	18:30	18.10	1	04:41	23.26	9.73	0	18:30	1.00	0	12:18	1.60
U-199	CONDUIT	19.97	1	08:04	10.18	1	07:47	26.85	9.93	1	08:04	1.00	0	12:18	1.60
U-20	CONDUIT	3.13	2	11:17	2.76	2	11:18	22.45	2.77	2	11:17	1.00	0	08:07	1.20
U-200	CONDUIT	15.46	1	01:06	10.40	1	01:27	35.87	7.69	1	01:06	1.00	0	12:15	1.60
U-201	CONDUIT	23.36	1	18:22	22.92	2	01:18	33.12	7.44	1	18:22	1.00	0	12:22	2.00
U-202	CONDUIT	31.18	0	23:01	26.96	1	07:59	33.00	9.93	0	23:01	1.00	0	12:22	2.00
U-203	CONDUIT	13.18	0	17:55	11.85	0	13:33	51.94	11.66	0	17:55	1.00	0	12:12	1.20
U-204	CONDUIT	6.64	1	22:09	5.60	1	13:03	18.89	5.87	1	22:09	1.00	0	12:12	1.20
U-206	CONDUIT	8.81	0	17:55	7.89	1	01:02	45.74	7.79	0	17:55	1.00	0	12:12	1.20
U-207	CONDUIT	4.62	1	19:18	3.72	1	05:08	20.94	4.08	1	19:18	1.00	0	12:12	1.20
U-208	CONDUIT	5.25	1	07:15	4.90	1	21:34	20.18	4.64	1	07:15	1.00	0	12:12	1.20
U-211	CONDUIT	4.86	2	23:26	4.19	2	13:39	33.62	4.30	2	23:26	1.00	0	12:12	1.20
U-213	CONDUIT	4.65	2	02:58	4.41	2	23:27	22.26	3.79	2	02:58	1.00	0	12:13	1.25
U-214	CONDUIT	4.36	2	23:27	4.28	2	23:27	0.08	1.79	2	23:27	0.73	2	23:32	1.89
U-22	CONDUIT	3.15	2	08:59	2.72	2	09:41	16.94	2.79	2	08:59	1.00	0	08:10	1.20
U-220	CONDUIT	27.78	1	08:27	22.79	1	03:51	48.48	8.84	1	08:27	1.00	0	12:05	2.00
U-221	CONDUIT	13.94	1	18:23	9.99	1	12:28	28.88	12.32	1	18:23	1.00	0	09:34	1.20
U-227	CONDUIT	6.11	1	01:06	4.00	1	00:39	28.12	5.40	1	01:06	1.00	0	12:13	1.20
U-228	CONDUIT	4.83	1	20:54	3.62	2	07:33	36.30	4.27	1	20:54	1.00	0	12:13	1.20
U-231	CONDUIT	17.54	1	21:34	13.51	1	21:34	12.52	5.59	1	21:34	1.00	0	12:45	2.00
U-232	CONDUIT	10.54	1	13:06	8.83	1	15:27	1.34	5.24	1	13:06	1.00	0	12:24	1.60
U-233	CONDUIT	6.78	1	19:17	6.00	2	02:58	56.45	5.99	1	19:17	1.00	0	12:12	1.20
U-237	CONDUIT	10.48	1	06:45	9.02	1	13:42	24.59	3.34	1	06:45	1.00	0	12:50	2.00
U-239	CONDUIT	11.01	1	19:17	10.21	2	02:58	45.78	5.47	1	19:17	1.00	0	12:40	1.60
U-240	CONDUIT	6.86	1	15:55	6.31	1	08:29	54.86	6.06	1	15:55	1.00	0	12:27	1.20
U-242	CONDUIT	7.40	0	13:06	4.06	2	11:47	8.09	3.68	0	13:06	1.00	0	12:51	1.60
U-244	CONDUIT	4.24	1	15:55	3.83	1	20:32	33.70	3.75	1	15:55	1.00	0	12:29	1.20
U-245	CONDUIT	3.30	1	22:06	2.38	2	05:56	20.98	2.92	1	22:06	1.00	0	12:27	1.20
U-249	CONDUIT	3.03	2	05:56	2.39	1	19:01	18.34	2.68	2	05:56	1.00	0	12:27	1.20
U-25	CONDUIT	4.57	2	09:27	3.61	2	10:27	8.93	4.04	2	09:27	1.00	0	08:09	1.20
U-251	CONDUIT	3.72	1	22:52	2.72	2	00:53	13.20	3.29	1	22:52	1.00	0	12:27	1.20
U-253	CONDUIT	2.93	1	19:18	2.40	1	19:19	34.97	3.73	1	19:18	1.00	0	11:32	1.00

U-254	CONDUIT	8.54	2	09:37	5.84	0	11:32	19.58	8.14	1	08:00	1.00	0	11:24	1.20
U-256	CONDUIT	22.74	0	11:50	19.81	0	11:48	9.66	7.03	0	11:50	1.00	0	13:19	2.40
U-259	CONDUIT	11.59	1	15:54	6.18	2	02:58	41.18	10.49	1	15:54	1.00	0	12:12	1.20
U-26	CONDUIT	3.56	2	11:49	3.26	2	11:50	26.38	3.15	2	11:49	1.00	0	08:09	1.20
U-260	CONDUIT	4.50	1	15:54	4.46	1	19:18	62.02	5.73	1	15:54	1.00	0	12:11	1.00
U-261	CONDUIT	3.49	2	10:50	3.04	2	13:56	5.59	5.24	1	04:16	0.76	2	14:44	1.50
U-262-NEW	CONDUIT	6.16	2	15:44	6.15	2	14:48	21.00	8.60	1	15:03	1.00	1	08:01	1.00
U-263	CONDUIT	6.16	2	15:44	6.15	2	14:48	0.81	7.85	2	15:44	1.00	0	21:45	0.39
U-265	CONDUIT	3.04	2	13:55	3.04	2	13:56	0.27	3.78	2	08:12	0.93	2	14:12	1.20
U-267	CONDUIT	2.90	1	10:51	2.50	1	10:51	19.93	2.57	1	10:51	1.00	0	11:44	1.20
U-270	CONDUIT	3.37	0	11:54	2.48	1	17:19	19.70	2.98	0	11:54	1.00	0	11:44	1.20
U-271	CONDUIT	3.04	2	13:55	3.04	2	13:55	20.82	2.69	2	13:55	1.00	0	11:44	1.20
U-274	CONDUIT	4.47	2	11:42	2.72	2	11:18	13.73	3.95	2	11:42	1.00	0	08:06	1.20
U-277	CONDUIT	2.41	2	11:35	2.01	2	11:42	17.70	2.13	2	11:35	1.00	0	08:06	1.20
U-28	CONDUIT	3.67	2	11:36	2.94	2	11:43	19.04	3.24	2	11:36	1.00	0	08:08	1.20
U-280	CONDUIT	2.75	2	08:24	2.38	2	08:57	27.94	2.44	2	08:24	1.00	0	05:19	1.20
U-286	CONDUIT	2.39	2	07:31	2.26	2	13:22	21.12	2.11	2	07:31	1.00	0	05:18	1.20
U-289	CONDUIT	2.63	2	12:56	2.63	2	12:56	23.06	2.32	2	12:56	1.00	0	05:18	1.20
U-29	CONDUIT	2.89	2	11:36	2.45	2	12:12	20.34	2.55	2	11:36	1.00	0	08:08	1.20
U-290	CONDUIT	3.05	2	08:11	2.47	2	09:21	20.05	2.70	2	08:11	1.00	0	05:17	1.20
U-291	CONDUIT	3.37	2	09:23	2.68	2	12:27	21.47	2.98	2	09:23	1.00	0	05:17	1.20
U-293	CONDUIT	6.28	2	08:34	4.58	0	19:52	17.95	5.56	2	08:34	1.00	0	05:17	1.20
U-294	CONDUIT	4.56	2	08:08	3.58	2	08:01	32.91	4.03	2	08:08	1.00	0	05:17	1.20
U-295	CONDUIT	7.85	2	07:39	4.05	2	08:58	23.21	6.94	2	07:39	1.00	0	05:17	1.20
U-298	CONDUIT	5.96	2	08:11	4.49	2	06:57	18.97	5.27	2	08:11	1.00	0	05:18	1.20
U-299	CONDUIT	6.60	1	04:40	5.08	2	07:36	19.78	5.83	1	04:40	1.00	0	05:17	1.20
U-300	CONDUIT	6.11	2	07:19	3.33	2	10:45	15.64	5.40	2	07:19	1.00	0	05:18	1.20
U-304	CONDUIT	2.24	2	08:10	1.89	2	08:56	46.05	4.45	2	08:10	1.00	0	04:34	0.80
U-308	CONDUIT	2.67	2	08:32	1.98	1	12:54	20.56	2.36	2	08:32	1.00	0	05:17	1.20
U-308A	CONDUIT	4.73	2	08:11	2.97	1	23:15	19.28	4.18	2	08:11	1.00	0	05:17	1.20
U-309	CONDUIT	4.21	2	08:15	3.78	2	08:15	29.19	3.73	2	08:15	1.00	0	05:18	1.20
U-312	CONDUIT	2.98	2	08:11	2.69	2	09:26	26.05	2.91	2	09:28	1.00	2	05:47	1.20
U-315	CONDUIT	4.72	2	11:54	3.18	1	20:36	27.45	4.18	2	11:54	1.00	0	05:38	1.20
U-316	CONDUIT	5.73	2	08:16	4.43	1	02:46	24.01	5.07	2	08:16	1.00	0	05:38	1.20
U-319	CONDUIT	4.47	1	20:40	3.50	2	07:57	15.67	2.23	1	20:40	1.00	0	07:39	1.60
U-322	CONDUIT	5.07	2	08:30	3.34	1	01:11	17.69	2.52	2	08:30	1.00	0	12:07	1.60
U-325	CONDUIT	5.72	2	09:10	5.14	1	14:59	21.96	3.38	0	19:42	1.00	0	12:34	1.60
U-327	CONDUIT	6.03	1	09:19	5.83	0	23:10	22.44	3.72	0	23:10	1.00	0	12:07	1.60
U-328	CONDUIT	7.91	2	02:10	7.89	1	08:10	18.55	3.85	2	00:14	1.00	0	07:29	2.00
U-330	CONDUIT	17.21	1	23:06	15.16	1	22:39	0.88	5.48	1	23:06	1.00	0	05:42	2.00
U-332	CONDUIT	14.94	1	20:01	13.07	1	17:51	1.42	7.43	1	20:01	1.00	0	05:41	1.60
U-335	CONDUIT	5.82	1	14:59	4.96	2	08:23	18.70	2.90	1	14:59	1.00	0	04:51	1.60
U-337	CONDUIT	8.07	1	02:05	5.57	2	07:48	0.34	2.58	1	02:05	1.00	0	05:28	2.00
U-34	CONDUIT	2.36	2	09:20	2.19	2	07:07	22.09	2.09	2	09:20	1.00	0	08:19	1.20
U-341	CONDUIT	12.16	1	22:38	11.46	1	20:20	45.02	6.05	1	22:38	1.00	0	04:02	1.60
U-344	CONDUIT	3.95	2	07:27	2.92	2	08:19	36.38	3.49	2	07:27	1.00	0	04:16	1.20
U-345	CONDUIT	4.26	1	17:51	3.10	1	05:40	1.71	3.77	1	17:51	1.00	0	05:16	1.20
U-346	CONDUIT	8.03	2	11:02	5.26	2	10:55	20.62	7.10	2	11:02	1.00	0	05:15	1.20
U-347	CONDUIT	3.56	2	07:21	3.36	2	08:32	33.77	3.15	2	07:21	1.00	0	05:23	1.20
U-348	CONDUIT	5.40	2	10:13	4.35	2	09:11	19.09	2.68	2	10:13	1.00	0	06:02	1.60
U-35	CONDUIT	2.84	2	07:01	2.29	2	07:07	25.04	2.51	2	07:01	1.00	0	08:24	1.20
U-351	CONDUIT	4.62	2	10:15	3.80	2	09:11	35.45	3.77	2	10:15	1.00	0	05:24	1.25
U-352	CONDUIT	2.01	2	06:55	1.36	1	07:57	15.78	1.78	2	06:55	1.00	0	01:32	1.20
U-353	CONDUIT	5.22	2	09:16	4.32	2	09:29	16.87	4.62	2	09:16	1.00	0	01:32	1.20
U-354	CONDUIT	5.08	2	11:02	3.50	2	10:44	14.84	2.53	2	11:02	1.00	0	06:34	1.60
U-357	CONDUIT	3.61	2	02:53	3.26	2	02:54	12.64	1.80	2	02:53	1.00	0	06:34	1.60
U-358	CONDUIT	6.82	2	02:52	5.84	2	02:53	21.82	6.03	2	02:52	1.00	0	04:14	1.20
U-364	CONDUIT	3.52	2	11:41	3.12	2	11:44	31.11	3.11	2	11:41	1.00	0	07:24	1.20
U-364A	CONDUIT	12.05	2	11:14	9.06	2	10:53	3.87	1.16	0	07:05	1.00	0	12:28	4.00
U-366	CONDUIT	2.44	2	09:20	2.02	3	02:53	23.61	2.16	2	09:20	1.00	0	05:17	1.20

U-37	CONDUIT	6.21	2	09:02	4.65	2	00:50	13.86	5.50	2	09:02	1.00	0	08:24	1.20
U-372	CONDUIT	2.55	2	09:57	2.12	2	13:35	22.97	2.26	2	09:57	1.00	0	05:26	1.20
U-373	CONDUIT	3.59	2	08:33	3.35	2	12:53	20.79	3.17	2	08:33	1.00	0	04:12	1.20
U-376	CONDUIT	3.84	2	12:30	3.84	2	12:30	0.49	3.40	2	12:30	1.00	0	05:17	1.20
U-379	CONDUIT	3.62	2	12:28	3.62	2	12:29	32.29	3.20	2	12:28	1.00	0	05:24	1.20
U-38	CONDUIT	13.74	2	09:06	11.16	2	09:25	8.22	4.37	2	09:06	1.00	1	06:36	2.00
U-382	CONDUIT	3.55	2	10:48	2.78	2	12:46	12.26	1.77	2	10:48	1.00	0	06:52	1.60
U-385	CONDUIT	3.86	2	10:56	3.11	2	11:30	14.26	1.92	2	10:56	1.00	0	06:52	1.60
U-386	CONDUIT	6.44	2	09:06	3.50	2	10:34	11.51	3.65	2	09:06	1.00	0	04:57	1.50
U-388	CONDUIT	5.71	2	10:11	5.32	2	10:12	15.50	3.23	2	10:11	1.00	0	06:06	1.48
U-390	CONDUIT	6.21	2	10:11	3.44	1	14:09	9.36	3.51	2	10:11	1.00	0	06:06	1.50
U-391	CONDUIT	4.16	2	07:34	2.94	2	15:49	0.41	2.07	2	07:34	1.00	0	07:21	1.60
U-392	CONDUIT	6.49	2	07:42	4.73	2	09:15	0.40	3.23	2	07:42	1.00	0	07:21	1.60
U-394	CONDUIT	3.98	1	08:10	3.13	1	23:07	1.04	3.52	1	08:10	1.00	0	05:23	1.20
U-397	CONDUIT	3.60	2	00:49	2.63	1	22:22	34.33	3.18	2	00:49	1.00	0	05:20	1.20
U-398	CONDUIT	10.65	1	11:31	9.61	1	20:01	10.84	2.42	1	11:31	1.00	1	08:09	2.40
U-399	CONDUIT	6.42	1	22:02	6.40	1	23:37	49.40	5.87	1	22:02	1.00	0	02:36	1.20
U-402	CONDUIT	2.96	2	00:15	2.51	2	11:07	22.91	2.62	2	00:15	1.00	0	04:28	1.20
U-404	CONDUIT	4.62	2	10:21	3.09	0	19:48	17.48	4.09	2	10:21	1.00	0	04:28	1.20
U-406	CONDUIT	2.90	2	11:47	2.46	2	10:43	21.53	2.36	2	11:47	1.00	0	04:55	1.25
U-407	CONDUIT	21.65	0	11:40	21.22	0	11:40	51.77	17.65	0	11:40	1.00	0	07:13	1.25
U-408	CONDUIT	5.29	0	07:42	4.43	0	13:06	7.78	4.31	0	07:42	1.00	0	07:13	1.24
U-409	CONDUIT	7.01	0	23:39	4.86	0	11:51	2.64	3.97	0	23:39	1.00	0	07:20	1.50
U-411	CONDUIT	6.82	1	01:29	4.43	0	11:51	26.04	3.86	1	01:29	1.00	0	07:19	1.50
U-412	CONDUIT	4.42	0	10:04	3.19	0	09:04	0.81	3.01	0	10:04	1.00	0	08:21	1.45
U-413	CONDUIT	7.69	1	07:04	6.45	1	07:05	14.09	4.35	1	07:04	1.00	0	00:22	1.50
U-414	CONDUIT	3.49	0	08:22	3.19	0	11:42	24.42	3.09	0	08:22	1.00	0	00:22	1.20
U-415	CONDUIT	5.94	1	17:35	4.52	1	18:31	29.81	6.45	1	17:35	1.00	0	00:21	1.08
U-416	CONDUIT	2.28	2	11:12	2.23	2	11:06	33.51	2.48	2	11:12	1.00	0	00:21	1.08
U-417	CONDUIT	27.09	3	01:30	26.46	3	01:30	4.93	4.11	0	00:22	1.00	2	11:43	3.83
U-418	CONDUIT	12.02	3	01:41	12.00	2	14:54	9.17	3.34	0	00:02	1.00	0	00:09	3.19
U-419	CONDUIT	14.31	3	03:00	14.31	3	03:00	2.17	18.22	3	03:00	1.00	0	00:01	0.39
U-420	CONDUIT	7.39	2	10:31	4.92	2	10:14	25.92	6.53	2	10:31	1.00	0	17:51	1.20
U-421	CONDUIT	7.49	2	08:48	6.39	2	06:44	5.28	1.66	2	08:48	1.00	1	06:37	2.40
U-423	CONDUIT	6.79	2	10:11	5.54	2	09:15	7.91	1.50	2	10:11	1.00	1	06:37	2.40
U-428	CONDUIT	8.65	2	11:44	6.96	2	10:11	11.83	1.91	2	11:44	1.00	1	06:38	2.40
U-430	CONDUIT	10.02	2	12:00	8.85	2	12:04	16.76	2.21	2	12:00	1.00	1	06:38	2.40
U-434	CONDUIT	9.50	2	11:44	6.95	2	11:31	12.19	2.10	2	11:44	1.00	1	06:37	2.40
U-437	CONDUIT	7.48	2	11:43	6.96	2	11:44	29.16	3.72	2	11:43	1.00	0	20:04	1.60
U-439	CONDUIT	13.75	2	11:16	10.47	2	11:19	36.69	6.84	2	11:16	1.00	0	04:50	1.60
U-44	CONDUIT	18.76	2	16:32	14.52	2	15:46	3.63	5.97	2	16:32	1.00	0	04:39	2.00
U-440	CONDUIT	11.91	3	05:27	11.71	3	05:24	1.75	5.92	3	05:27	1.00	0	05:38	1.60
U-441	CONDUIT	10.76	2	18:29	10.17	3	04:26	1.78	5.35	2	18:29	1.00	0	06:00	1.60
U-443	CONDUIT	16.06	1	11:34	13.69	2	01:26	4.47	8.22	1	11:34	1.00	0	06:04	1.59
U-445	CONDUIT	19.88	1	14:13	17.81	2	04:18	2.02	6.35	1	14:13	1.00	0	06:04	2.00
U-447	CONDUIT	19.48	1	06:03	13.72	2	00:36	0.99	6.20	1	06:03	1.00	0	05:18	2.00
U-448	CONDUIT	19.55	0	12:42	12.81	0	22:28	1.80	9.73	0	12:42	1.00	0	05:23	1.60
U-449	CONDUIT	23.36	1	07:12	18.80	1	15:58	1.97	7.43	1	07:12	1.00	0	06:01	2.00
U-45	CONDUIT	14.61	2	14:10	13.62	2	17:09	2.82	4.65	2	14:10	1.00	0	04:44	2.00
U-450	CONDUIT	30.85	2	02:55	25.88	1	16:10	1.57	9.92	2	02:55	1.00	0	06:03	2.00
U-451	CONDUIT	23.39	0	14:57	22.37	0	14:47	2.91	7.52	1	03:48	1.00	0	06:03	2.00
U-452	CONDUIT	27.68	0	10:02	25.09	0	15:47	5.37	8.96	0	10:02	1.00	0	06:03	2.00
U-454	CONDUIT	45.67	1	12:36	42.18	0	10:02	3.54	10.17	1	12:36	1.00	0	06:09	2.40
U-456	CONDUIT	70.94	1	20:15	69.44	1	11:51	2.99	10.04	1	20:15	1.00	0	06:16	3.00
U-463	CONDUIT	52.37	2	09:51	48.34	1	20:25	0.91	8.94	1	20:24	1.00	0	06:22	2.80
U-464	CONDUIT	146.22	2	15:45	115.75	2	09:53	2.50	11.89	2	15:45	1.00	0	06:13	4.00
U-466	CONDUIT	17.89	1	15:47	17.74	1	15:47	1.67	8.90	1	15:47	1.00	0	05:44	1.60
U-468	CONDUIT	18.21	0	23:53	17.78	0	06:17	0.76	9.13	1	04:03	1.00	0	06:11	1.53
U-468-NEW	CONDUIT	19.02	0	06:19	16.89	2	01:40	3.30	5.21	0	06:19	1.00	0	06:23	2.08
U-469	CONDUIT	52.39	2	15:44	48.80	1	06:02	1.20	16.68	2	15:44	1.00	0	06:10	2.00

U-47	CONDUIT	5.21	2	15:13	5.05	2	14:29	5.47	5.66	2	15:13	1.00	0	04:09	1.08
U-48	CONDUIT	3.38	2	08:16	1.55	2	12:15	15.12	3.67	2	08:16	1.00	0	17:50	1.08
U-481	CONDUIT	4.59	2	22:48	4.49	3	00:11	53.75	7.03	0	06:19	1.00	0	06:19	0.74
U-483	CONDUIT	4.98	0	06:19	4.89	0	06:19	55.02	6.34	0	06:19	1.00	0	06:19	0.98
U-486	CONDUIT	10.14	1	19:34	9.14	1	15:44	2.89	4.17	0	06:18	1.00	0	06:22	1.99
U-489	CONDUIT	7.91	0	23:13	7.50	0	23:13	0.91	3.93	0	23:13	1.00	0	06:17	1.60
U-492	CONDUIT	8.01	0	22:46	6.84	2	01:34	9.54	2.55	0	22:46	1.00	0	05:10	2.00
U-495	CONDUIT	30.61	2	12:05	29.57	2	12:16	1.56	9.74	2	12:05	1.00	0	00:03	0.78
U-496	CONDUIT	32.31	2	16:25	26.49	2	12:37	20.36	7.14	2	16:25	1.00	0	00:04	2.03
U-497	CONDUIT	18.68	2	21:02	16.72	2	21:01	11.64	6.61	0	00:00	0.98	0	10:12	0.94
U-498	CONDUIT	17.24	0	19:42	16.92	0	19:27	17.60	4.74	0	19:27	0.98	0	10:12	1.38
U-5	CONDUIT	11.37	2	10:29	7.85	2	08:15	0.29	2.51	2	10:29	1.00	0	07:57	2.40
U-50	CONDUIT	2.41	2	08:31	1.35	2	08:10	24.82	2.61	2	08:31	1.00	0	17:50	1.08
U-500	CONDUIT	31.60	0	10:54	28.78	2	20:23	1.03	10.06	0	10:54	1.00	0	00:02	1.07
U-501	CONDUIT	29.83	2	15:58	27.60	2	20:29	30.40	6.59	2	15:58	1.00	0	00:04	2.27
U-502	CONDUIT	19.95	0	00:02	12.57	0	22:56	0.78	6.62	0	00:02	1.00	0	00:02	2.39
U-503	CONDUIT	13.45	3	04:43	12.39	2	23:53	0.67	4.28	3	04:43	1.00	0	06:10	1.86
U-507	CONDUIT	22.87	2	15:39	20.77	3	04:56	7.91	7.28	2	15:39	1.00	0	06:27	1.98
U-509	CONDUIT	35.84	2	16:32	29.36	3	05:33	0.41	4.56	2	16:32	1.00	0	06:57	3.20
U-513	CONDUIT	12.13	0	19:17	10.96	0	19:07	4.44	1.92	0	00:08	1.00	0	06:19	4.00
U-514	CONDUIT	6.23	1	05:04	5.90	1	05:05	1.25	4.47	1	05:04	1.00	0	06:09	1.33
U-518-NEW	CONDUIT	14.32	1	07:31	12.76	1	07:31	33.53	5.08	1	07:31	1.00	0	05:47	1.99
U-519-NEW	CONDUIT	28.90	0	19:27	25.93	0	19:27	0.52	2.30	0	19:27	1.00	0	06:23	4.00
U-522	CONDUIT	4.99	2	12:15	4.90	2	12:02	0.77	4.96	2	12:15	1.00	2	12:06	1.20
U-523	CONDUIT	20.72	2	12:38	18.69	2	12:24	12.23	4.22	2	12:38	1.00	1	19:54	2.50
U-524-NEW	CONDUIT	10.68	2	12:19	10.37	2	12:20	0.15	12.01	2	08:27	1.00	2	11:12	1.60
U-525	CONDUIT	11.95	2	12:17	8.09	2	12:16	31.01	8.56	2	12:17	1.00	2	10:47	1.32
U-526	CONDUIT	7.49	2	12:17	5.77	2	12:38	28.91	4.24	2	12:17	1.00	2	10:58	1.43
U-527	CONDUIT	4.23	2	12:41	3.44	2	12:38	29.73	3.74	2	12:41	1.00	2	10:45	1.19
U-53	CONDUIT	2.64	2	07:52	2.58	2	12:21	16.74	2.15	2	07:52	1.00	0	18:50	1.25
U-530	CONDUIT	9.65	2	12:06	9.10	2	12:08	0.28	2.13	2	12:06	1.00	1	09:23	2.40
U-531	CONDUIT	7.21	2	10:36	7.06	2	10:36	22.64	3.58	2	10:36	1.00	0	06:30	1.60
U-533	CONDUIT	11.43	1	20:54	11.05	2	12:04	1.97	5.68	1	20:54	1.00	0	05:58	1.60
U-534-NEW	CONDUIT	5.55	2	13:50	5.55	2	13:51	61.03	7.07	2	13:50	1.00	0	00:00	0.39
U-537	CONDUIT	4.25	2	15:24	4.19	2	15:24	1.36	3.75	2	15:24	1.00	0	05:58	1.20
U-538	CONDUIT	2.85	2	08:04	2.78	2	08:05	0.78	2.52	2	08:04	1.00	0	06:37	1.20
U-54	CONDUIT	4.71	2	08:04	4.26	2	12:44	21.34	3.84	2	08:04	1.00	0	18:50	1.25
U-543	CONDUIT	4.25	2	20:21	3.67	2	19:30	0.77	2.11	2	20:21	1.00	0	06:36	1.60
U-545	CONDUIT	2.05	2	14:10	2.05	2	14:10	31.46	2.61	2	14:10	1.00	0	06:45	1.00
U-547	CONDUIT	19.92	2	13:36	19.90	2	13:39	58.75	9.91	2	13:36	1.00	0	00:00	0.63
U-548	CONDUIT	4.81	2	10:39	3.59	2	09:47	0.10	2.39	2	10:39	1.00	0	08:59	1.59
U-549	CONDUIT	5.58	3	02:01	5.29	3	02:01	0.12	2.78	3	02:32	1.00	0	08:59	1.60
U-55	CONDUIT	8.15	2	08:46	6.07	2	08:46	20.84	6.64	2	08:46	1.00	0	18:50	1.25
U-550	CONDUIT	4.96	3	00:58	4.04	2	09:07	0.71	4.38	3	00:58	1.00	0	06:26	1.20
U-555	CONDUIT	2.06	0	22:24	1.71	0	22:24	0.66	1.82	0	22:24	1.00	0	06:08	1.20
U-557	CONDUIT	4.00	2	11:37	3.58	2	12:15	30.60	3.53	2	11:37	1.00	0	05:45	1.20
U-559	CONDUIT	4.95	2	09:47	3.07	2	10:21	19.44	4.38	2	09:47	1.00	0	05:45	1.20
U-56	CONDUIT	2.64	2	07:54	2.31	2	12:17	19.10	2.15	2	07:54	1.00	0	18:50	1.25
U-562	CONDUIT	3.72	2	11:54	3.06	2	11:46	30.06	3.28	2	11:54	1.00	0	05:45	1.20
U-565	CONDUIT	4.37	2	11:54	3.99	2	15:21	30.57	3.86	2	11:54	1.00	0	05:45	1.20
U-568	CONDUIT	4.45	2	11:54	4.11	2	14:34	14.72	2.21	2	11:54	1.00	0	05:54	1.60
U-569	CONDUIT	7.42	1	22:05	4.98	0	10:38	13.26	3.69	1	22:05	1.00	0	05:53	1.60
U-570	CONDUIT	6.92	2	14:32	6.89	2	14:32	1.09	3.44	2	14:32	1.00	0	05:52	1.60
U-572	CONDUIT	9.29	2	07:40	6.89	2	14:32	11.19	4.62	2	07:40	1.00	0	05:42	1.60
U-573	CONDUIT	8.58	2	11:54	8.34	2	12:52	0.65	7.59	2	11:54	1.00	0	06:46	1.02
U-574	CONDUIT	7.05	2	12:52	7.05	2	12:52	0.83	6.33	2	11:56	1.00	0	06:46	0.47
U-575	CONDUIT	7.05	2	12:52	7.05	2	12:52	0.73	8.98	2	12:52	1.00	0	00:00	0.39
U-580	CONDUIT	2.48	2	09:20	1.71	2	07:06	21.49	2.19	2	09:20	1.00	0	08:19	1.20
U-583	CONDUIT	5.30	1	10:54	4.17	1	02:09	17.15	4.69	1	10:54	1.00	0	08:19	1.20
U-584	CONDUIT	2.50	2	07:01	2.07	2	12:16	22.57	2.21	2	07:01	1.00	0	08:22	1.20

U-587	CONDUIT	9.23	2	11:41	7.45	2	09:01	11.08	4.59	2	11:41	1.00	0	08:45	1.60
U-589	CONDUIT	3.90	2	09:53	3.01	2	10:36	14.98	1.94	2	09:53	1.00	0	08:50	1.60
U-59	CONDUIT	6.08	2	10:37	4.92	2	10:37	0.06	2.02	2	10:37	1.00	2	10:53	2.00
U-590	CONDUIT	3.34	2	09:46	2.74	2	07:02	27.22	2.95	2	09:46	1.00	0	08:19	1.20
U-591	CONDUIT	3.62	2	06:55	3.13	2	07:22	31.09	3.20	2	06:55	1.00	0	08:10	1.20
U-596	CONDUIT	3.64	2	07:32	3.12	2	10:50	30.82	3.21	2	07:32	1.00	0	08:10	1.20
U-599	CONDUIT	9.36	2	10:09	5.16	2	08:12	13.47	4.66	2	10:09	1.00	0	08:45	1.60
U-60	CONDUIT	9.22	2	12:27	9.19	2	12:27	23.36	2.94	2	12:27	1.00	0	06:24	2.00
U-601	CONDUIT	3.28	2	09:25	2.86	2	05:57	26.87	2.90	2	09:25	1.00	0	08:10	1.20
U-604	CONDUIT	3.27	2	08:11	2.07	2	10:25	23.05	2.89	2	08:11	1.00	0	08:02	1.20
U-608	CONDUIT	4.31	2	10:14	3.30	2	12:16	17.35	2.14	2	10:14	1.00	0	08:33	1.60
U-609	CONDUIT	6.09	2	10:01	5.69	2	12:16	11.86	1.94	2	10:01	1.00	0	10:26	2.00
U-612	CONDUIT	14.24	2	10:14	6.63	2	07:54	11.42	4.53	2	10:14	1.00	0	10:31	2.00
U-614	CONDUIT	6.23	1	22:27	5.14	0	08:33	0.49	1.99	1	22:27	1.00	0	09:17	2.00
U-616	CONDUIT	7.62	0	19:21	6.18	2	12:32	14.45	2.43	0	19:21	1.00	0	07:43	2.00
U-618	CONDUIT	10.39	2	07:20	7.14	2	11:28	25.47	5.17	2	07:20	1.00	0	07:02	1.60
U-62	CONDUIT	4.48	2	08:46	3.15	0	17:36	20.36	3.96	2	08:46	1.00	0	05:36	1.20
U-620	CONDUIT	7.57	2	15:00	7.57	2	15:00	2.32	7.25	0	00:00	1.00	0	00:00	0.47
U-621	CONDUIT	7.21	3	03:00	7.21	3	03:00	39.34	8.07	0	00:00	1.00	0	00:01	0.47
U-623	CONDUIT	8.02	1	20:26	7.35	1	20:02	18.20	2.55	1	20:26	1.00	0	07:41	2.00
U-624	CONDUIT	11.22	0	23:23	8.06	0	18:46	10.66	3.57	0	23:23	1.00	0	07:41	2.00
U-625	CONDUIT	7.20	1	19:55	5.75	1	08:47	15.36	2.29	1	19:55	1.00	0	07:42	2.00
U-628	CONDUIT	9.78	2	10:26	6.96	2	10:36	16.84	3.11	2	10:26	1.00	0	07:42	2.00
U-629	CONDUIT	11.96	2	09:57	10.28	2	09:14	5.54	1.69	2	09:57	1.00	0	09:55	3.00
U-632	CONDUIT	11.63	2	20:11	5.34	2	12:19	10.77	5.78	2	20:11	1.00	2	11:18	1.60
U-633	CONDUIT	5.41	2	12:16	5.41	2	12:17	15.52	2.69	2	12:16	1.00	2	11:20	1.60
U-637	CONDUIT	2.82	2	11:22	2.72	2	21:28	22.23	2.50	2	11:22	1.00	2	11:06	1.20
U-64	CONDUIT	7.56	2	09:18	5.01	2	08:22	19.63	6.69	2	09:18	1.00	0	01:32	1.20
U-640	CONDUIT	2.87	2	23:04	2.43	2	11:22	23.82	2.53	2	23:04	1.00	2	11:04	1.20
U-643	CONDUIT	2.64	2	21:44	2.20	2	23:30	24.12	2.33	2	21:44	1.00	2	11:02	1.20
U-646	CONDUIT	6.71	2	12:05	6.27	2	13:03	35.13	5.93	2	12:05	1.00	0	00:02	1.05
U-648	CONDUIT	6.42	2	12:04	6.27	2	13:03	28.46	5.67	2	12:04	1.00	0	00:02	1.05
U-649	CONDUIT	6.27	2	13:03	6.27	2	13:03	38.70	5.54	2	13:03	1.00	0	00:02	0.47
U-651	CONDUIT	11.37	0	00:00	10.52	2	12:15	18.40	12.33	0	00:00	1.00	0	00:00	0.47
U-652	CONDUIT	11.93	0	00:00	9.21	0	00:02	39.07	10.58	0	00:00	1.00	0	00:00	0.47
U-653	CONDUIT	4.83	2	12:15	4.83	2	12:15	37.95	4.27	2	12:15	1.00	0	00:02	0.84
U-656	CONDUIT	3.47	0	00:03	3.09	0	00:04	29.21	4.62	0	00:02	1.00	0	00:04	1.17
U-657	CONDUIT	3.22	2	12:05	2.80	2	12:04	28.71	2.85	2	12:05	1.00	0	00:05	1.20
U-659-NEW	CONDUIT	9.20	0	00:00	8.99	2	12:16	33.24	5.43	0	00:00	1.00	0	00:00	0.59
U-66	CONDUIT	3.47	2	07:28	2.98	1	08:53	28.29	3.07	2	07:28	1.00	0	01:29	1.20
U-663	CONDUIT	6.44	2	07:29	4.88	2	22:32	51.23	5.87	2	07:29	1.00	1	01:19	1.20
U-668	CONDUIT	7.10	2	16:39	6.86	2	16:41	56.54	6.28	2	16:39	1.00	0	21:40	1.20
U-671	CONDUIT	5.72	2	19:31	5.46	2	18:53	48.96	5.31	2	19:31	1.00	0	21:22	1.20
U-674	CONDUIT	6.96	2	21:02	5.78	2	20:58	25.06	3.46	2	21:02	1.00	2	11:49	1.60
U-675	CONDUIT	13.10	2	21:06	10.54	2	00:13	33.78	6.52	2	21:06	1.00	1	15:36	1.60
U-678	CONDUIT	14.26	2	22:27	9.63	2	22:27	43.70	7.27	2	22:27	1.00	0	22:33	1.60
U-68	CONDUIT	3.20	0	07:49	2.37	0	09:37	27.72	2.83	0	07:49	1.00	0	01:16	1.20
U-681	CONDUIT	30.81	1	00:59	25.41	2	00:03	48.03	15.32	1	00:59	1.00	0	16:00	1.60
U-682	CONDUIT	33.10	2	11:52	30.46	2	11:53	62.97	26.97	2	11:52	1.00	0	15:10	1.25
U-684	CONDUIT	8.84	2	00:49	6.90	1	21:40	2.82	7.20	2	00:49	1.00	0	00:53	1.25
U-685	CONDUIT	8.78	2	00:20	7.56	2	04:26	29.91	7.15	2	00:20	1.00	0	01:04	1.25
U-686	CONDUIT	6.75	0	06:53	6.40	0	09:35	45.78	5.50	0	06:53	1.00	0	01:08	1.25
U-687	CONDUIT	14.35	0	09:05	10.10	1	06:34	9.86	3.17	0	09:05	1.00	0	04:20	2.40
U-688	CONDUIT	10.94	2	10:46	7.76	2	07:09	10.54	2.42	2	10:46	1.00	0	04:21	2.40
U-690	CONDUIT	1.91	2	15:12	1.91	2	15:13	22.37	2.43	2	15:12	1.00	0	17:17	1.00
U-694	CONDUIT	2.40	2	08:04	1.66	2	07:55	27.88	3.06	2	08:04	1.00	0	17:17	1.00
U-695	CONDUIT	6.47	2	08:14	3.51	2	05:57	6.26	1.43	2	08:14	1.00	1	02:56	2.40
U-696	CONDUIT	6.85	2	07:06	5.34	1	14:53	11.28	3.41	2	07:06	1.00	0	21:06	1.60
U-70	CONDUIT	4.25	1	08:13	3.04	0	09:44	21.64	3.76	1	08:13	1.00	0	01:02	1.20
U-701	CONDUIT	7.95	1	09:45	6.36	3	01:53	0.13	2.53	1	09:45	1.00	0	06:45	2.00

U-704	CONDUIT	4.12	2	12:48	4.12	2	12:48	18.74	2.33	2	12:48	1.00	0	06:01	1.50
U-706	CONDUIT	5.47	2	12:00	5.39	2	12:00	0.13	4.46	2	12:00	1.00	2	08:46	1.25
U-707	CONDUIT	6.61	2	12:11	6.59	2	12:11	8.49	2.10	2	12:11	1.00	0	14:06	2.00
U-708	CONDUIT	7.99	2	09:26	7.94	2	09:27	15.78	2.54	2	09:26	1.00	0	06:23	2.00
U-71	CONDUIT	4.02	0	19:30	2.71	1	08:42	23.52	3.55	0	19:30	1.00	0	00:57	1.20
U-710	CONDUIT	13.96	2	09:15	8.85	2	10:54	5.55	4.44	2	09:15	1.00	0	06:23	2.00
U-711	CONDUIT	13.53	2	03:48	9.10	0	06:56	8.80	2.99	2	03:48	1.00	0	06:32	2.40
U-717	CONDUIT	15.70	2	11:46	14.78	2	11:51	9.86	3.47	2	11:46	1.00	0	04:14	2.40
U-718	CONDUIT	13.73	2	11:05	12.85	2	11:50	14.96	3.03	2	11:05	1.00	0	04:19	2.40
U-719	CONDUIT	24.10	2	14:25	21.72	3	04:18	4.27	2.09	2	14:25	1.00	0	07:16	3.83
U-720	CONDUIT	6.93	1	20:52	6.53	1	18:12	52.33	8.82	1	20:52	1.00	0	00:09	1.00
U-721-NEW	CONDUIT	11.40	3	05:32	10.87	2	14:26	22.15	5.67	3	05:32	1.00	0	00:03	1.57
U-725	CONDUIT	9.52	2	09:13	8.26	2	11:05	15.83	4.74	2	09:13	1.00	0	06:30	1.60
U-727	CONDUIT	5.90	2	19:47	4.71	2	20:54	28.21	5.32	2	19:01	1.00	2	11:52	1.20
U-729	CONDUIT	5.40	2	18:53	4.73	2	21:09	38.91	6.95	2	18:53	1.00	1	18:59	1.00
U-73	CONDUIT	4.37	0	07:03	3.25	1	21:18	19.06	3.86	0	07:03	1.00	0	00:48	1.20
U-731	CONDUIT	4.43	2	14:05	4.30	2	19:33	44.42	5.66	2	14:11	1.00	0	15:23	1.00
U-732	CONDUIT	7.96	1	06:11	4.62	2	21:08	33.49	10.14	1	06:11	1.00	0	15:23	1.00
U-734	CONDUIT	5.81	1	16:56	4.82	1	00:49	50.10	7.40	1	16:56	1.00	0	15:24	1.00
U-736	CONDUIT	6.18	2	05:05	4.32	1	18:45	52.02	7.87	2	05:05	1.00	0	14:37	1.00
U-738	CONDUIT	4.73	2	01:26	3.84	2	14:04	47.23	6.07	2	01:26	1.00	1	10:02	1.00
U-74	CONDUIT	4.53	2	08:05	3.10	1	15:31	15.44	4.01	2	08:05	1.00	0	00:45	1.20
U-740	CONDUIT	4.33	2	01:26	3.64	2	14:04	28.48	5.92	2	01:26	1.00	0	20:05	1.00
U-741	CONDUIT	1.95	2	12:01	1.70	2	11:56	19.05	2.67	2	11:42	1.00	2	09:38	1.00
U-743	CONDUIT	2.55	2	11:55	1.78	2	11:57	22.22	3.25	2	11:55	1.00	2	11:43	1.00
U-745	CONDUIT	3.06	2	11:53	2.13	2	14:06	27.49	3.90	2	11:53	1.00	2	11:43	1.00
U-747	CONDUIT	3.22	2	11:53	1.90	2	11:52	33.88	4.42	2	11:53	1.00	2	11:43	1.00
U-749	CONDUIT	2.68	2	11:37	1.95	2	11:38	25.34	3.76	2	11:37	1.00	2	11:04	1.00
U-75	CONDUIT	4.19	2	09:49	3.52	2	10:12	22.34	3.71	2	09:49	1.00	0	00:45	1.20
U-751	CONDUIT	5.15	2	11:37	2.01	2	22:35	32.83	6.56	2	11:37	1.00	2	02:07	1.00
U-753	CONDUIT	5.14	2	11:37	2.21	2	11:38	37.59	6.54	2	11:37	1.00	1	10:22	1.00
U-755	CONDUIT	5.37	2	14:07	3.26	2	22:31	28.97	4.75	2	14:07	1.00	2	08:24	1.20
U-763	CONDUIT	5.86	2	12:15	5.86	2	12:15	35.59	5.19	2	12:15	1.00	2	11:47	1.20
U-766	CONDUIT	5.87	2	12:15	5.86	2	12:15	17.76	2.92	2	12:15	1.00	2	11:53	1.60
U-769	CONDUIT	10.62	2	12:15	10.62	2	12:15	35.52	5.28	2	12:15	1.00	2	11:58	1.60
U-77	CONDUIT	4.25	2	10:03	3.73	2	10:34	27.88	3.75	2	10:03	1.00	0	00:40	1.20
U-772	CONDUIT	10.62	2	12:15	10.62	2	12:15	30.23	5.42	2	12:15	1.00	2	12:15	1.60
U-775	CONDUIT	13.36	2	12:14	12.74	2	12:15	9.45	4.99	2	12:14	0.96	2	12:20	2.40
U-778	CONDUIT	8.54	2	11:54	8.40	2	11:54	74.69	7.60	2	11:50	1.00	2	11:57	1.20
U-783	CONDUIT	4.54	2	07:38	3.24	2	11:47	25.53	4.01	2	07:38	1.00	2	04:56	1.20
U-786	CONDUIT	4.34	2	11:32	3.80	2	11:26	16.18	2.16	2	11:32	1.00	2	06:08	1.60
U-789	CONDUIT	7.60	2	11:53	5.58	2	18:29	19.79	3.78	2	11:53	1.00	2	06:08	1.60
U-792	CONDUIT	6.73	2	11:54	5.44	2	11:52	24.31	3.35	2	11:54	1.00	2	06:08	1.60
U-795	CONDUIT	12.65	2	11:52	9.37	2	09:15	4.81	2.80	2	11:52	1.00	2	09:08	2.40
U-796	CONDUIT	6.73	2	19:00	6.46	2	19:33	58.71	5.95	2	19:00	1.00	2	04:58	1.20
U-8	CONDUIT	8.56	2	11:05	6.44	2	12:02	0.36	2.73	2	11:05	1.00	0	07:41	2.00
U-801	CONDUIT	4.78	2	23:28	3.08	2	05:25	26.39	4.22	2	23:28	1.00	1	09:14	1.20
U-804	CONDUIT	3.90	2	11:38	3.18	2	23:29	14.35	1.94	2	11:38	1.00	2	05:01	1.60
U-807	CONDUIT	6.87	2	22:43	4.97	2	22:44	20.43	3.42	2	22:43	1.00	2	05:01	1.60
U-81	CONDUIT	4.13	2	11:12	3.43	2	10:34	20.89	3.66	2	11:12	1.00	0	00:36	1.20
U-810	CONDUIT	5.96	2	22:27	5.12	2	11:04	19.85	2.97	2	22:27	1.00	2	05:01	1.60
U-811	CONDUIT	15.34	2	21:55	11.94	2	20:32	11.04	4.88	2	21:55	1.00	2	05:59	2.00
U-815	CONDUIT	7.34	3	00:02	5.33	2	23:10	12.53	2.34	3	00:02	1.00	2	05:56	2.00
U-816	CONDUIT	6.54	2	23:40	5.17	2	23:34	36.79	5.78	2	23:40	1.00	1	09:13	1.20
U-82	CONDUIT	2.97	0	07:19	2.43	0	17:28	23.90	2.62	0	07:19	1.00	0	00:33	1.20
U-820	CONDUIT	7.56	3	00:21	6.43	3	00:02	38.97	6.69	3	00:21	1.00	1	06:34	1.20
U-823	CONDUIT	6.51	2	23:57	5.29	3	00:18	21.80	3.24	2	23:57	1.00	1	21:11	1.60
U-826	CONDUIT	7.55	2	23:40	7.39	2	23:33	25.95	3.76	2	23:40	1.00	1	21:11	1.60
U-829	CONDUIT	7.33	2	23:40	6.39	2	23:34	24.60	3.65	2	23:40	1.00	2	01:16	1.60
U-83	CONDUIT	3.40	2	10:56	3.07	0	17:37	22.76	3.01	2	10:56	1.00	0	00:29	1.19

U-832	CONDUIT	10.38	2	23:53	9.82	2	23:53	11.64	5.16	2	23:53	1.00	1	21:08	1.60
U-833	CONDUIT	9.78	2	07:19	6.53	2	08:55	7.93	2.42	0	06:25	1.00	2	06:08	2.40
U-834-EAC	CONDUIT	20.86	0	07:10	12.99	1	14:08	5.32	2.95	0	07:10	1.00	0	05:59	3.00
U-835	CONDUIT	11.61	0	10:03	10.92	0	10:04	1.10	3.70	0	10:03	1.00	0	05:09	2.00
U-837	CONDUIT	19.08	2	08:14	14.09	0	09:43	1.86	6.07	2	08:14	1.00	0	05:11	2.00
U-838	CONDUIT	15.45	3	05:55	11.13	2	23:09	15.84	4.92	3	05:55	1.00	0	06:35	2.00
U-839	CONDUIT	10.69	3	05:50	9.47	3	05:49	16.29	3.40	3	05:50	1.00	0	06:35	2.00
U-840	CONDUIT	10.66	2	11:54	10.22	2	11:54	14.87	3.39	2	11:54	1.00	0	06:35	2.00
U-841	CONDUIT	15.63	3	03:16	10.35	2	09:23	6.27	3.46	3	03:16	1.00	0	06:36	2.40
U-842	CONDUIT	8.67	3	01:41	7.79	3	02:03	41.90	7.21	3	01:41	1.00	0	06:31	1.25
U-846	CONDUIT	2.02	2	11:13	2.01	2	11:14	0.75	2.75	2	10:30	1.00	2	11:42	1.25
U-847	CONDUIT	2.25	2	11:13	2.13	2	11:15	1.04	3.05	2	10:40	1.00	2	11:54	1.25
U-848	CONDUIT	2.94	2	10:10	2.30	2	11:07	21.12	3.08	2	10:37	1.00	0	13:30	1.20
U-851	CONDUIT	2.38	2	09:01	2.33	2	09:01	20.91	2.10	2	09:01	1.00	0	08:25	1.20
U-852	CONDUIT	3.35	2	08:29	2.23	2	08:18	20.36	2.96	2	08:29	1.00	0	08:25	1.20
U-854	CONDUIT	4.99	2	07:48	3.24	2	09:34	10.33	2.48	2	07:48	1.00	0	08:51	1.60
U-856	CONDUIT	5.47	2	08:46	4.20	2	09:39	8.39	2.72	2	08:46	1.00	0	08:54	1.60
U-858	CONDUIT	3.84	2	07:18	2.91	2	07:22	11.34	1.91	2	07:18	1.00	0	08:54	1.60
U-860	CONDUIT	3.82	2	12:31	3.82	2	12:32	15.42	1.90	2	12:31	1.00	0	08:54	1.60
U-863	CONDUIT	4.93	2	07:59	4.93	2	07:59	16.06	2.79	2	07:59	1.00	0	08:39	1.50
U-864	CONDUIT	13.63	2	11:41	10.61	1	22:22	0.76	3.01	2	11:41	1.00	0	04:49	2.40
U-865	CONDUIT	12.10	1	10:38	10.83	1	10:38	0.68	2.68	1	10:38	1.00	0	04:49	2.40
U-866	CONDUIT	6.34	2	10:46	4.84	1	09:52	36.09	5.61	2	10:46	1.00	0	01:07	1.20
U-867	CONDUIT	7.18	2	12:17	7.18	2	12:17	3.12	9.14	2	12:17	1.00	0	00:00	0.39
U-868	CONDUIT	10.36	2	12:52	10.36	2	12:52	3.19	9.16	2	12:52	1.00	0	00:00	0.47
U-869	CONDUIT	11.11	0	00:00	4.97	0	00:01	3.79	5.70	0	00:00	1.00	0	00:00	0.63
U-871	CONDUIT	13.55	2	12:06	12.63	2	12:06	1.78	6.74	2	12:06	1.00	0	00:00	0.63
U-872	CONDUIT	14.64	1	23:16	9.43	2	06:06	6.44	3.27	0	00:00	1.00	0	00:00	1.72
U-874-NEW	CONDUIT	4.94	0	00:00	4.03	2	12:20	15.69	6.39	0	00:00	1.00	0	00:00	0.47
U-875	CONDUIT	14.08	0	20:52	14.05	0	20:53	1.30	7.00	0	20:52	1.00	0	05:19	0.63
U-878	CONDUIT	9.75	1	12:18	8.32	2	20:56	33.92	5.06	1	12:18	1.00	0	00:05	1.53
U-879	CONDUIT	10.75	1	22:37	9.15	2	20:36	38.51	5.40	1	22:37	1.00	0	00:04	1.60
U-88	CONDUIT	6.56	2	11:42	5.64	2	11:37	21.39	4.70	2	11:42	1.00	0	00:30	1.32
U-880	CONDUIT	31.77	1	17:38	17.09	1	11:15	0.84	7.75	1	17:38	1.00	0	00:05	2.40
U-885	CONDUIT	18.41	0	00:00	5.84	0	07:50	25.59	9.16	0	00:00	1.00	0	00:00	0.63
U-90	CONDUIT	8.36	3	03:26	7.04	3	04:00	34.92	5.99	3	03:26	1.00	0	04:18	1.32
U-91	CONDUIT	5.94	2	07:29	4.59	2	07:09	34.44	5.25	2	07:29	1.00	0	07:10	1.20
U-92	CONDUIT	14.78	1	14:50	10.79	2	04:43	13.65	5.60	1	14:50	1.00	2	06:49	2.00
U-96	CONDUIT	7.70	3	02:47	6.62	3	00:57	36.07	5.51	3	02:47	1.00	0	08:12	1.03
U-97	CONDUIT	7.15	3	01:49	6.33	3	03:49	45.21	6.32	3	01:49	1.00	0	07:10	0.97
U-98	CONDUIT	9.30	2	21:28	9.02	2	21:28	14.89	8.22	2	21:28	1.00	0	00:03	1.19
U-99	CONDUIT	7.35	2	21:00	6.68	3	01:54	33.74	5.27	2	21:00	1.00	0	00:03	1.20
PS-HC1-LAG	PUMP	8.00	0	07:40	8.00	0	08:17	1.00							
PS-HC1-LEAD	PUMP	8.00	0	07:40	8.00	0	08:17	1.00							
W-WELL3D-NEW	WEIR	99.10	3	05:57	59.11	3	03:49					1.00	2	12:10	
W-WELL4-11-NEW	WEIR	4.03	2	12:20	4.03	2	12:20					0.09	2	12:20	
W-WELL6A-NEW	WEIR	19.96	1	12:27	15.16	1	12:28					0.70	1	12:27	
W-WELL6D-NEW	WEIR	1.99	2	14:43	1.99	2	14:43					0.10	2	17:13	
W-WELL7D-NEW	WEIR	95.05	3	05:25	38.88	3	04:40					1.00	2	12:50	
W1-10-NEW	WEIR	115.06	2	13:25	50.96	2	12:49					1.00	2	12:15	
W1-26-NEW	WEIR	133.09	0	08:32	54.50	2	18:35					1.00	0	08:32	
W3-56-NEW	WEIR	67.61	2	11:14	24.89	2	11:08					1.00	2	07:26	
W5-2-NEW	WEIR	24.65	2	12:15	11.78	2	12:17					0.46	2	12:15	
W6A-26-NEW	WEIR	6.16	2	15:44	6.15	2	14:48					0.27	2	15:44	
WA-10	WEIR	54.49	3	00:25	36.21	3	01:23					1.00	2	09:38	
WA-4-NEW	WEIR	164.85	2	08:28	115.96	2	05:39					1.00	0	06:26	
WEIR-11	WEIR	11.54	3	01:28	8.22	2	15:08					0.55	2	17:25	
WEIR-13	WEIR	5.96	2	23:31	5.47	2	12:27					0.35	2	23:31	
WEIR-15	WEIR	6.91	2	21:33	6.29	2	12:23					0.35	2	18:17	
WEIR-17	WEIR	29.10	3	01:06	17.33	3	01:41					0.96	3	01:06	

WEIR-19	WEIR	11.42	3	01:42	7.06	3	01:41	0.60	2	23:29
WEIR-21	WEIR	2.48	2	12:12	2.48	2	12:12	0.19	2	12:18
WEIR-23	WEIR	9.20	2	12:17	9.20	2	12:17	0.28	2	12:18
WEIR-25	WEIR	6.58	2	13:03	5.73	2	13:05	0.24	2	13:02
WEIR-27	WEIR	4.17	2	13:03	3.83	2	13:03	0.21	2	13:02
WEIR-29	WEIR	4.60	2	13:00	4.60	2	13:01	0.18	2	13:03
WEIR-3	WEIR	18.64	2	23:25	11.24	3	00:39	0.81	2	23:25
WEIR-31	WEIR	3.90	3	01:12	2.64	3	01:17	0.31	2	20:14
WEIR-33	WEIR	6.30	3	00:42	5.29	2	12:16	0.46	2	18:07
WEIR-35	WEIR	3.18	2	20:20	2.16	3	00:39	0.38	2	16:59
WEIR-37	WEIR	4.40	3	05:48	3.04	2	12:50	0.20	3	05:48
WEIR-39	WEIR	5.68	3	05:42	4.88	2	12:00	0.31	2	18:17
WEIR-41	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-43	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-45	WEIR	4.95	3	01:28	3.47	3	00:39	0.39	2	17:01
WEIR-47	WEIR	5.26	2	17:54	4.28	2	17:05	0.38	2	17:43
WEIR-49	WEIR	8.40	3	00:59	6.09	3	00:39	0.59	2	19:29
WEIR-5	WEIR	17.25	3	01:28	10.42	3	00:39	0.81	2	23:25
WEIR-51	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-53	WEIR	33.64	3	00:27	25.33	2	22:11	1.00	2	14:29
WEIR-55	WEIR	2.38	2	18:33	1.64	2	20:29	0.26	2	19:16
WEIR-57	WEIR	10.23	3	00:42	5.07	3	00:39	0.56	2	18:33
WEIR-59	WEIR	11.66	3	00:00	6.90	3	00:39	0.57	2	19:23
WEIR-61	WEIR	6.36	3	00:42	5.19	2	12:17	0.42	2	18:50
WEIR-63	WEIR	9.49	2	22:43	6.65	3	02:40	1.00	2	06:22
WEIR-65	WEIR	1.13	2	12:02	1.12	2	12:03	0.06	2	12:02
WEIR-67	WEIR	16.05	2	11:52	9.74	2	11:59	0.51	2	12:09
WEIR-69	WEIR	12.39	3	00:42	5.96	3	00:39	0.60	3	00:50
WEIR-7	WEIR	13.16	3	00:00	6.88	3	00:39	0.65	2	18:41
WEIR-71	WEIR	6.31	2	15:58	4.99	2	15:55	0.39	2	16:07
WEIR-73	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-75	WEIR	1.95	2	12:43	1.95	2	12:43	0.54	2	12:49
WEIR-77	WEIR	12.69	3	00:59	10.57	3	03:17	0.44	3	00:59
WEIR-79	WEIR	8.36	3	00:59	5.67	3	03:17	0.43	3	00:59
WEIR-81	WEIR	6.29	3	00:00	4.22	3	01:41	0.38	3	00:59
WEIR-83	WEIR	14.36	2	23:42	6.74	2	21:20	0.58	2	23:36
WEIR-85	WEIR	17.64	2	23:36	10.76	2	23:51	0.83	3	00:50
WEIR-87	WEIR	16.09	2	23:45	9.74	3	01:41	0.83	3	00:50
WEIR-9	WEIR	14.47	2	20:11	10.42	3	01:41	0.71	2	18:30
WEIR-J-748	WEIR	58.73	0	08:30	42.69	0	15:50	1.00	0	05:28
WEIR-J-754-STANTECT	WEIR	98.29	2	06:03	64.93	1	14:19	1.00	0	05:00
WEIR-J-799-EAC	WEIR	2.14	1	16:56	2.13	1	10:38	1.00	0	06:01
CDT-19	DUMMY	4.62	2	05:44	4.62	2	08:05			
CDT-21	DUMMY	2.84	1	08:14	2.84	2	08:11			
CDT-23	DUMMY	1.41	0	05:36	1.41	0	18:28			
CDT-25	DUMMY	3.85	1	14:26	3.85	1	14:30			
CDT-27	DUMMY	2.06	0	07:45	2.06	2	00:51			
CDT-29	DUMMY	1.44	0	06:19	1.44	1	09:01			
CDT-31	DUMMY	2.27	0	12:55	2.27	0	14:45			
CDT-33	DUMMY	1.95	1	04:41	1.95	1	06:17			
CDT-35	DUMMY	1.90	2	14:34	1.90	2	14:35			
CDT-37	DUMMY	3.79	1	08:15	3.80	2	06:07			
CDT-39	DUMMY	2.27	0	08:32	2.27	1	22:16			
CDT-41	DUMMY	1.90	1	08:18	1.90	1	09:36			
CDT-43	DUMMY	0.63	0	19:32	0.63	0	19:52			
CDT-45	DUMMY	1.21	0	08:45	1.21	1	06:31			
CDT-47	DUMMY	1.28	2	10:54	1.28	2	10:55			
CDT-49	DUMMY	1.28	0	06:30	1.28	0	06:40			
CDT-51	DUMMY	1.28	0	07:09	1.28	0	07:09			
CDT-53	DUMMY	3.30	0	00:00	3.30	0	00:05			

CDT-55	DUMMY	1.90	1	12:09	1.90	2	11:09
CDT-57	DUMMY	1.28	0	15:04	1.28	0	21:46
CDT-59	DUMMY	2.84	1	10:50	2.84	2	11:54
CDT-61	DUMMY	1.28	0	14:52	1.28	0	14:53
CDT-63	DUMMY	2.84	1	10:39	2.84	2	11:52
J33A_OUTFALL	DUMMY	2.82	1	17:54	2.82	2	07:31
J567_OUTFALL	DUMMY	2.82	2	10:25	2.82	2	10:26
U-331	DUMMY	1.70	0	05:57	1.70	0	18:31
W-ENID-DRIVE	DUMMY	3.79	0	05:28	3.80	0	06:08
WELL-W-MCINTYRE	DUMMY	3.79	0	06:17	3.80	0	06:25

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  Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C-WELL3W	1.25	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C-WELL4E	1.41	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-101	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-103	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-105	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-107	2.11	0.22	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00
CDT-109	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-11	1.00	0.02	0.02	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-111	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-113	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-115	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-121	70.04	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-123	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-125	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-173	5.03	0.05	0.00	0.00	0.40	0.00	0.00	0.54	0.01	0.00
CDT-175	5.03	0.06	0.00	0.00	0.41	0.00	0.01	0.52	0.01	0.00
CDT-177	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-179	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-181	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-183	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-185	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-187	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-189	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-191	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-193	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-195	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-197	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-199	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-201	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-205	35.11	0.00	0.75	0.00	0.24	0.00	0.00	0.00	0.00	0.00
CDT-207	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-209	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-211	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-213	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-215	35.11	0.00	0.64	0.00	0.36	0.00	0.00	0.00	0.09	0.00
CDT-217	37.56	0.00	0.76	0.00	0.24	0.00	0.00	0.00	0.00	0.00
CDT-219	35.11	0.00	0.76	0.00	0.24	0.00	0.00	0.00	0.00	0.00
CDT-221	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-223	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-225	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-227	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-229	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-231	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-233	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-235	35.11	0.00	0.73	0.00	0.27	0.00	0.00	0.00	0.03	0.00
CDT-237	40.98	0.00	0.73	0.00	0.27	0.00	0.00	0.00	0.01	0.00
CDT-239	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-241	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-243	40.98	0.00	0.73	0.00	0.27	0.00	0.00	0.00	0.02	0.00
CDT-245	40.98	0.00	0.73	0.00	0.27	0.00	0.00	0.00	0.02	0.00
CDT-247	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-249	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-251	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-253	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-255	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-257	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-259	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-261	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-263	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-265	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-267	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-269	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-271	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-273	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-275	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-277	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-279	35.11	0.05	0.37	0.00	0.59	0.00	0.00	0.00	0.32	0.00
CDT-281	35.11	0.02	0.75	0.00	0.23	0.00	0.00	0.00	0.00	0.00
CDT-283	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-285	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

CDT-287	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-289	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-291	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-293	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-295	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-297	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-299	3.52	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-439	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.01	0.00	0.00
CDT-525	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-539	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-87	14.60	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
CDT-91	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-93	2.11	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-95	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-97	2.11	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-99	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J-963_OUTFALL	1.45	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J561_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J575_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J920_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
LINK-WELL-2	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-102	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-104	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-105	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-11	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-113	1.00	0.03	0.00	0.00	0.95	0.00	0.00	0.02	0.00	0.00
U-114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-118	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-122	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-125	1.00	0.03	0.00	0.00	0.95	0.00	0.01	0.01	0.00	0.00
U-129	1.20	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-141	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.04
U-150	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-153	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-155	1.34	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-161	1.00	0.06	0.00	0.00	0.84	0.00	0.00	0.10	0.00	0.00
U-165	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-167	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-17	1.62	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-172	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-176	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-177	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-181	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-184	1.00	0.02	0.00	0.00	0.95	0.00	0.00	0.03	0.00	0.01
U-186	1.00	0.03	0.00	0.00	0.60	0.00	0.00	0.37	0.00	0.03
U-191	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-193	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-195	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-197	1.18	0.01	0.00	0.00	0.97	0.00	0.02	0.00	0.00	0.00
U-199	1.00	0.03	0.00	0.00	0.90	0.00	0.00	0.07	0.00	0.02
U-20	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-200	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.00	0.01
U-201	1.00	0.04	0.00	0.00	0.82	0.00	0.00	0.14	0.00	0.05
U-202	1.00	0.05	0.00	0.00	0.85	0.00	0.03	0.07	0.00	0.04
U-203	1.00	0.01	0.00	0.00	0.95	0.00	0.04	0.00	0.00	0.00
U-204	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-206	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-207	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-208	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-211	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-213	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-214	1.06	0.00	0.60	0.00	0.40	0.00	0.00	0.00	0.00	0.83
U-22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-220	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-221	1.57	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-227	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-228	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-231	1.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-232	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.10
U-233	1.00	0.02	0.00	0.00	0.87	0.00	0.00	0.10	0.00	0.00
U-237	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-239	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-240	1.00	0.00	0.00	0.00	0.92	0.00	0.00	0.07	0.00	0.00
U-242	1.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-244	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-245	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-249	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-25	1.78	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-253	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-254	1.28	0.05	0.00	0.00	0.91	0.00	0.02	0.03	0.00	0.01
U-256	1.30	0.03	0.00	0.00	0.95	0.00	0.00	0.02	0.00	0.00
U-259	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-260	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-261	1.00	0.12	0.00	0.00	0.37	0.00	0.00	0.51	0.00	0.25
U-262-NEW	1.40	0.04	0.00	0.00	0.25	0.00	0.01	0.69	0.01	0.00
U-263	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.00	0.33
U-265	1.72	0.12	0.00	0.00	0.72	0.00	0.00	0.16	0.00	0.82
U-267	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-270	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-271	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-274	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-277	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-280	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-286	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-289	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-290	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-291	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-293	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-294	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-295	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-298	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-299	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-300	1.02	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-304	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
U-309	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-312	1.00	0.12	0.00	0.00	0.47	0.00	0.05	0.36	0.00	0.00
U-315	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-316	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-319	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-322	1.00	0.01	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-325	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.00
U-327	1.00	0.01	0.00	0.00	0.69	0.00	0.00	0.29	0.00	0.00
U-328	1.00	0.01	0.00	0.00	0.94	0.00	0.00	0.05	0.00	0.00
U-330	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-332	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.01
U-335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-337	1.13	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-344	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-345	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-346	1.01	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-347	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-348	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-35	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-351	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-352	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-353	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-354	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-357	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-358	1.00	0.00	0.00	0.00	0.90	0.00	0.00	0.10	0.00	0.04
U-364	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-364A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-366	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-37	1.35	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-372	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-373	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-376	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-379	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-38	1.59	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-382	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-385	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-386	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-388	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-390	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-391	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.01
U-392	1.79	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-394	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-397	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-398	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-399	1.00	0.00	0.00	0.00	0.87	0.00	0.00	0.12	0.00	0.00
U-402	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-404	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-406	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-407	1.00	0.05	0.00	0.00	0.94	0.00	0.00	0.01	0.00	0.00
U-408	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-409	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-411	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-412	1.00	0.13	0.10	0.00	0.55	0.00	0.20	0.02	0.00	0.03
U-413	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-414	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-415	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-417	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-418	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-419	1.55	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-421	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-428	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-430	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-434	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-437	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-439	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-44	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-440	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-441	1.00	0.01	0.02	0.00	0.88	0.00	0.00	0.09	0.00	0.00
U-443	1.00	0.03	0.00	0.00	0.80	0.00	0.00	0.17	0.00	0.01
U-445	1.00	0.03	0.00	0.00	0.92	0.00	0.00	0.05	0.00	0.01
U-447	2.20	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-448	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-449	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.01	0.00	0.01
U-45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-450	1.00	0.03	0.00	0.00	0.91	0.00	0.00	0.06	0.00	0.02
U-451	1.00	0.03	0.00	0.00	0.87	0.00	0.00	0.09	0.00	0.03
U-452	1.00	0.03	0.00	0.00	0.90	0.00	0.00	0.07	0.00	0.01
U-454	1.00	0.03	0.00	0.00	0.87	0.00	0.01	0.09	0.00	0.38
U-456	1.62	0.03	0.00	0.00	0.50	0.00	0.01	0.46	0.00	0.43
U-463	1.00	0.00	0.03	0.00	0.51	0.00	0.03	0.43	0.00	0.48
U-464	1.00	0.00	0.00	0.00	0.79	0.00	0.00	0.20	0.00	0.13
U-466	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-468	2.01	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.12
U-468-NEW	1.00	0.04	0.00	0.00	0.89	0.00	0.00	0.07	0.02	0.00
U-469	1.32	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.05
U-47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-48	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-483	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-486	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-489	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.13
U-492	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-495	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-496	1.00	0.00	0.00	0.00	0.94	0.00	0.00	0.06	0.00	0.04
U-497	1.00	0.00	0.00	0.00	0.60	0.00	0.00	0.40	0.00	0.39
U-498	1.00	0.00	0.00	0.00	0.04	0.00	0.00	0.96	0.00	0.74
U-5	2.12	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.06
U-50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-500	3.06	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-501	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-502	1.29	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-503	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.09
U-507	1.00	0.00	0.00	0.00	0.82	0.00	0.00	0.18	0.00	0.04
U-509	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.08
U-513	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-514	1.00	0.00	0.00	0.00	0.97	0.00	0.02	0.01	0.00	0.06
U-518-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-519-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-522	1.00	0.16	0.02	0.00	0.20	0.00	0.62	0.00	0.00	0.00
U-523	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-524-NEW	8.39	0.77	0.00	0.00	0.23	0.00	0.00	0.00	0.03	0.00
U-525	1.00	0.78	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.01
U-526	1.00	0.78	0.00	0.00	0.21	0.00	0.01	0.00	0.00	0.00
U-527	1.00	0.78	0.00	0.00	0.21	0.00	0.01	0.00	0.00	0.00
U-53	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-530	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-531	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-533	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.05
U-534-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-537	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-538	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-54	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-545	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-547	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-548	4.71	0.00	0.05	0.00	0.90	0.00	0.05	0.00	0.00	0.01
U-549	4.50	0.04	0.01	0.00	0.94	0.00	0.01	0.00	0.00	0.14
U-55	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-550	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-555	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-559	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-56	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-562	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-565	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-568	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-569	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-570	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.03
U-572	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-573	1.03	0.00	0.02	0.00	0.95	0.00	0.03	0.00	0.00	0.28
U-574	1.43	0.00	0.02	0.00	0.95	0.00	0.01	0.02	0.00	0.22
U-575	1.93	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-580	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-583	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-584	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-587	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-589	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-59	7.04	0.00	0.18	0.00	0.24	0.00	0.57	0.00	0.00	0.00
U-590	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-591	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-596	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-599	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-60	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-601	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-604	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-608	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-609	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-612	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-614	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.07
U-616	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-618	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-620	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-621	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-623	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-625	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-628	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-629	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-632	1.97	0.01	0.00	0.00	0.92	0.07	0.00	0.00	0.00	0.62
U-633	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-637	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-64	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-640	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-643	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-646	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-648	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-649	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-651	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-652	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-653	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-656	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-657	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-659-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-66	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-663	1.00	0.07	0.00	0.00	0.88	0.00	0.00	0.05	0.00	0.00
U-668	1.00	0.05	0.00	0.00	0.46	0.00	0.00	0.48	0.00	0.00
U-671	1.00	0.05	0.00	0.00	0.46	0.00	0.00	0.49	0.00	0.00
U-674	1.00	0.05	0.00	0.00	0.41	0.00	0.00	0.54	0.00	0.00
U-675	1.00	0.05	0.00	0.00	0.66	0.00	0.03	0.27	0.00	0.02
U-678	1.00	0.05	0.00	0.00	0.38	0.00	0.00	0.57	0.00	0.03
U-68	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-681	1.00	0.12	0.00	0.00	0.78	0.02	0.04	0.05	0.00	0.05
U-682	1.53	0.13	0.00	0.00	0.21	0.01	0.02	0.63	0.00	0.56
U-684	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-685	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-686	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-687	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-688	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-690	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-694	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-695	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-696	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-70	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-701	3.71	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-704	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-706	12.63	0.00	0.72	0.00	0.24	0.00	0.04	0.00	0.00	0.00
U-707	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-708	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-71	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-710	3.71	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-711	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-717	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-718	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-719	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-720	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-721-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-725	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-727	1.00	0.12	0.00	0.00	0.49	0.00	0.04	0.35	0.00	0.02
U-729	1.00	0.12	0.00	0.00	0.59	0.00	0.01	0.29	0.00	0.12
U-73	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-731	1.00	0.11	0.00	0.00	0.87	0.00	0.01	0.02	0.00	0.00
U-732	1.00	0.10	0.00	0.00	0.63	0.00	0.01	0.26	0.00	0.17
U-734	1.00	0.09	0.00	0.00	0.85	0.00	0.00	0.05	0.00	0.00
U-736	1.00	0.06	0.00	0.00	0.56	0.00	0.00	0.38	0.00	0.02
U-738	1.00	0.06	0.00	0.00	0.62	0.00	0.03	0.29	0.00	0.00
U-74	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-740	1.00	0.08	0.00	0.00	0.83	0.00	0.01	0.08	0.00	0.00
U-741	1.00	0.07	0.00	0.00	0.72	0.00	0.00	0.21	0.00	0.00
U-743	1.00	0.04	0.00	0.00	0.43	0.00	0.00	0.54	0.00	0.01
U-745	1.00	0.04	0.00	0.00	0.86	0.00	0.00	0.10	0.00	0.00
U-747	1.00	0.07	0.00	0.00	0.70	0.00	0.00	0.23	0.00	0.00
U-749	1.00	0.09	0.00	0.00	0.65	0.00	0.00	0.26	0.00	0.00
U-75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-751	1.00	0.10	0.00	0.00	0.88	0.00	0.00	0.02	0.00	0.00
U-753	1.00	0.09	0.00	0.00	0.66	0.00	0.01	0.24	0.00	0.14
U-755	1.00	0.07	0.00	0.00	0.83	0.00	0.00	0.10	0.00	0.00
U-763	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-766	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-769	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-77	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-772	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-775	1.00	0.00	0.00	0.00	0.95	0.00	0.05	0.00	0.00	0.00
U-778	1.00	0.00	0.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00
U-783	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-786	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-789	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-792	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-795	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-796	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-8	3.00	0.01	0.00	0.00	0.99	0.01	0.00	0.00	0.00	0.01
U-801	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-804	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-807	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-810	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-811	1.09	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-815	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-816	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-820	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-823	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-826	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-829	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-83	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-832	1.33	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-833	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-834-EAC	1.22	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-835	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-837	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-838	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-839	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-840	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-841	1.46	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-842	1.00	0.02	0.00	0.00	0.87	0.00	0.00	0.11	0.00	0.00
U-846	1.00	0.13	0.00	0.00	0.60	0.00	0.00	0.28	0.00	0.22
U-847	1.00	0.13	0.00	0.00	0.21	0.00	0.66	0.00	0.00	0.00
U-848	1.00	0.07	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00
U-851	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-852	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-854	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-856	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-858	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-860	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-863	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-864	1.14	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-865	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-866	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-867	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-868	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-869	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-871	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-872	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-874-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-875	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-878	1.00	0.00	0.00	0.00	0.78	0.00	0.00	0.22	0.00	0.04
U-879	1.00	0.00	0.00	0.00	0.54	0.00	0.00	0.46	0.00	0.05
U-88	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-880	1.42	0.00	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.00
U-885	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-90	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-91	1.00	0.00	0.00	0.00	0.83	0.00	0.01	0.16	0.00	0.00
U-92	1.00	0.00	0.00	0.00	0.90	0.00	0.08	0.02	0.00	0.00
U-96	1.00	0.00	0.00	0.00	0.98	0.00	0.00	0.02	0.00	0.01
U-97	1.00	0.00	0.00	0.00	0.29	0.00	0.00	0.71	0.00	0.00
U-98	2.68	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-99	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
C-WELL3W	77.97	77.97	78.00	0.02	0.00
C-WELL4E	0.34	0.34	1.88	0.00	0.00
CDT-101	24.31	24.32	24.34	0.42	10.92
CDT-103	24.13	24.23	24.29	1.94	10.16
CDT-105	23.93	24.01	24.09	0.81	2.60
CDT-107	24.40	24.55	25.02	3.09	13.15
CDT-109	47.66	49.62	50.48	5.11	15.75
CDT-11	71.92	71.92	72.20	14.42	21.83
CDT-111	49.62	50.77	52.47	5.94	22.54
CDT-113	23.44	23.48	23.45	0.78	9.12
CDT-115	25.16	25.32	25.22	0.22	10.96
CDT-121	31.32	31.71	76.54	0.00	0.15
CDT-123	67.70	67.73	67.73	3.72	22.29
CDT-125	65.54	65.56	65.54	0.11	7.71
CDT-171	41.98	42.09	60.19	0.00	0.19
CDT-177	17.90	18.90	18.60	0.00	6.52
CDT-179	16.65	17.29	16.91	0.00	5.42
CDT-181	15.98	16.33	16.33	0.13	6.40
CDT-183	40.76	42.52	41.46	0.02	16.96
CDT-185	15.98	16.33	16.32	0.05	6.42
CDT-187	67.85	67.86	67.85	0.00	30.16
CDT-189	67.85	67.85	67.86	0.00	31.44
CDT-191	16.65	17.29	16.91	0.00	5.44
CDT-193	24.78	25.30	26.36	0.10	6.26
CDT-195	55.57	55.57	55.57	0.00	6.28
CDT-197	22.64	22.67	22.68	0.02	10.84
CDT-199	21.68	21.78	21.71	0.02	10.31

CDT-201	21.70	21.82	21.74	0.01	15.35
CDT-205	6.07	6.07	22.31	0.00	0.00
CDT-207	21.07	21.19	21.26	0.02	6.31
CDT-209	62.21	62.21	62.21	0.01	8.41
CDT-211	62.21	62.21	62.21	0.00	10.08
CDT-213	34.17	34.63	34.36	0.02	13.21
CDT-215	6.31	6.31	24.74	0.00	0.00
CDT-217	2.05	2.05	22.84	0.00	0.00
CDT-219	5.67	5.67	21.75	0.00	0.00
CDT-221	22.13	22.20	22.16	0.00	2.42
CDT-223	21.74	21.77	21.75	0.01	11.52
CDT-225	22.37	22.47	22.42	0.01	10.07
CDT-227	21.79	21.82	21.81	0.00	12.32
CDT-229	23.09	23.10	23.10	0.00	12.61
CDT-231	23.09	23.10	23.10	0.00	16.89
CDT-233	22.99	23.12	23.02	0.00	1.21
CDT-235	10.42	10.42	21.82	0.00	0.00
CDT-237	9.93	9.93	25.33	0.00	0.00
CDT-239	25.35	25.38	25.35	0.02	10.97
CDT-241	23.09	23.10	23.10	0.00	9.09
CDT-243	9.94	9.94	25.36	0.00	0.00
CDT-245	7.54	7.54	25.36	0.00	0.00
CDT-247	22.79	22.84	22.98	0.02	11.00
CDT-249	23.14	23.18	23.15	0.02	10.59
CDT-251	22.53	22.65	22.57	0.01	9.75
CDT-253	21.62	21.67	21.63	0.01	9.30
CDT-255	25.36	25.39	25.36	0.02	12.93
CDT-257	25.36	25.39	25.36	0.02	12.67
CDT-259	22.85	22.91	23.03	0.02	8.50
CDT-261	23.46	23.54	23.50	0.06	8.70
CDT-263	20.64	20.79	20.69	0.01	2.83
CDT-265	11.04	11.18	11.48	0.12	2.42
CDT-267	11.04	11.18	11.48	0.12	3.30
CDT-269	9.52	9.53	9.53	0.00	2.40
CDT-271	20.55	20.62	20.58	0.00	10.32
CDT-273	36.54	37.58	38.04	0.03	18.04
CDT-275	23.12	23.15	23.25	0.03	5.31
CDT-277	21.12	21.15	21.14	0.01	3.80
CDT-279	16.94	16.94	37.58	0.00	0.00
CDT-281	17.42	17.42	21.14	0.00	0.00
CDT-283	23.00	23.03	23.07	0.02	7.29
CDT-285	21.34	21.36	21.35	0.00	5.67
CDT-287	21.30	21.31	21.31	0.00	9.65
CDT-289	21.60	21.63	21.65	0.02	9.02
CDT-291	59.97	60.19	60.70	0.50	26.13
CDT-293	20.18	20.24	20.29	0.00	8.56
CDT-295	37.22	37.73	39.36	0.44	20.11
CDT-297	23.06	23.07	23.13	0.04	10.66
CDT-299	71.93	71.95	72.73	13.21	36.30
CDT-439	51.08	57.02	51.94	50.50	21.12
CDT-525	71.67	71.71	71.67	9.57	32.02
CDT-539	37.57	37.57	69.77	0.11	8.12
CDT-87	0.00	0.00	0.00	0.93	0.00
CDT-91	66.32	66.32	66.32	0.27	8.76
CDT-93	33.24	34.65	36.30	2.54	15.61
CDT-95	23.99	24.04	24.09	1.65	12.19
CDT-97	23.90	23.99	24.06	0.22	13.77
CDT-99	34.74	36.56	35.27	0.51	18.68
J-963_OUTFALL	78.00	78.00	78.00	10.68	9.56
J561_OUTFALL	77.99	77.99	78.00	76.93	36.53
J575_OUTFALL	77.99	77.99	78.00	5.35	17.97
J920_OUTFALL	78.00	78.00	78.00	77.99	21.70
LINK-WELL-2	71.57	71.57	77.99	17.43	38.31
U-1	68.24	70.45	68.25	43.29	49.65
U-100	52.49	59.21	66.48	56.60	34.15
U-101	65.23	71.20	69.98	76.01	31.01
U-102	62.34	66.50	71.96	59.21	36.65
U-103	70.01	70.01	77.97	76.59	35.58
U-104	77.98	77.98	77.99	61.24	37.33
U-105	71.80	71.82	77.93	73.40	37.91
U-106	73.82	73.82	78.00	10.53	31.26
U-11	70.06	70.30	70.06	34.80	45.22
U-110	75.10	75.13	75.25	51.54	27.39
U-112	73.52	73.52	75.25	26.38	36.61
U-113	70.49	71.77	70.49	59.59	31.72
U-114	73.52	75.25	73.52	35.42	42.22
U-118	71.75	71.75	71.75	46.96	42.70
U-121	66.96	71.55	66.96	47.82	46.40
U-122	68.11	68.11	71.55	46.76	39.91
U-125	48.23	54.02	55.99	41.57	31.04

U-129	69.83	71.51	69.83	45.16	25.46
U-13	70.94	70.94	70.94	61.67	49.07
U-131	69.84	71.51	69.84	50.82	42.64
U-141	59.30	65.29	59.31	56.07	24.48
U-142	59.25	59.25	65.30	54.75	22.14
U-147	52.55	65.28	52.56	56.25	25.92
U-15	70.70	70.70	71.41	2.97	16.11
U-150	47.43	52.56	56.72	59.27	31.55
U-153	50.76	56.74	55.32	53.74	38.57
U-155	51.91	55.37	57.37	45.21	32.70
U-156	53.01	57.35	59.37	59.15	31.41
U-158	59.34	59.34	65.31	51.62	31.99
U-16	59.05	59.78	59.67	44.12	37.95
U-160	48.25	53.02	57.44	40.92	24.06
U-161	53.32	56.61	60.32	62.50	28.40
U-165	35.08	42.30	35.49	56.89	28.40
U-167	31.41	35.48	35.75	61.59	23.06
U-17	23.79	23.79	29.34	0.00	0.74
U-171	35.41	42.76	35.76	58.96	28.82
U-172	34.81	35.77	44.07	64.93	25.96
U-176	42.68	43.62	44.07	54.39	32.35
U-177	30.95	32.55	32.37	62.37	7.13
U-18	67.56	67.56	69.90	34.97	39.75
U-181	30.47	32.68	32.33	55.98	12.66
U-184	30.47	32.68	31.67	54.68	16.32
U-186	38.69	42.91	41.10	61.37	20.08
U-191	59.58	65.69	59.59	61.75	40.98
U-193	52.56	59.58	54.97	55.20	34.05
U-195	51.09	54.97	56.96	56.22	35.74
U-196	56.39	56.96	64.67	61.94	37.02
U-197	45.11	49.26	47.66	47.33	11.30
U-199	46.44	49.27	49.76	56.80	30.53
U-20	67.54	69.88	67.56	46.13	43.56
U-200	50.99	51.93	57.87	61.30	31.55
U-201	42.30	44.67	49.08	58.78	27.90
U-202	50.81	54.17	53.08	37.83	19.57
U-203	65.73	65.76	65.75	60.13	41.73
U-204	64.01	64.02	65.75	56.01	23.38
U-206	65.74	65.78	65.75	59.94	41.17
U-207	59.60	63.95	60.84	56.55	36.16
U-208	56.54	60.78	59.52	51.58	42.18
U-211	59.50	59.54	65.70	56.41	37.55
U-213	62.13	62.16	65.70	55.38	42.02
U-214	0.00	0.00	78.00	0.00	0.00
U-22	68.70	69.83	68.70	44.62	45.32
U-220	65.49	65.76	65.58	50.48	22.20
U-221	68.42	68.42	68.42	59.06	43.10
U-227	47.63	50.29	57.87	52.60	39.83
U-228	57.86	57.87	65.72	59.02	39.75
U-231	47.60	49.91	52.91	18.79	14.12
U-232	63.74	64.00	66.17	0.11	10.45
U-233	51.89	52.63	62.78	63.17	20.21
U-237	43.30	57.02	44.05	30.28	14.61
U-239	63.96	65.27	64.00	62.50	46.52
U-240	63.99	65.35	64.07	63.49	38.35
U-242	60.53	61.83	62.31	28.89	37.56
U-244	65.27	65.35	65.31	62.16	30.53
U-245	61.23	61.27	65.35	56.05	34.82
U-249	54.88	57.83	61.27	55.02	33.83
U-25	67.04	68.69	68.07	27.80	41.12
U-251	54.09	59.27	57.84	47.20	32.98
U-253	65.79	66.09	65.83	61.25	45.40
U-254	65.02	65.24	65.51	50.57	31.95
U-256	46.62	52.56	47.57	12.41	19.76
U-259	46.00	52.58	49.56	56.27	38.62
U-26	68.05	68.05	69.85	47.77	24.11
U-260	64.52	64.90	64.70	63.74	24.71
U-261	0.00	0.00	0.00	32.47	0.00
U-262-NEW	0.07	15.25	0.13	30.38	0.05
U-263	20.17	20.17	78.00	0.00	0.01
U-267	63.62	64.52	65.25	55.14	18.10
U-270	64.14	65.24	65.07	55.37	20.18
U-271	65.09	65.09	66.25	60.31	55.13
U-274	67.58	67.58	69.90	32.17	39.36
U-277	67.58	69.90	67.58	41.77	43.71
U-28	66.11	69.85	66.12	42.86	39.66
U-280	57.92	72.68	57.95	61.83	25.75
U-286	53.07	72.70	53.07	57.44	20.83
U-289	48.72	53.07	64.93	57.05	13.47
U-29	66.12	66.12	69.88	45.85	35.61

U-290	48.80	57.94	58.67	54.43	16.48
U-291	55.42	58.70	67.28	56.40	17.05
U-293	65.02	65.02	72.70	49.82	23.22
U-294	65.38	72.70	65.38	71.18	45.91
U-295	61.58	65.39	67.33	59.95	39.92
U-298	59.11	62.26	67.31	57.47	38.02
U-299	58.86	67.36	61.60	53.10	19.20
U-300	54.54	61.57	60.44	36.74	25.47
U-304	73.43	73.69	73.43	70.40	43.13
U-308	60.92	60.98	72.44	57.52	22.74
U-308A	55.12	60.92	62.97	43.90	22.18
U-309	49.60	55.88	62.21	65.02	30.79
U-312	22.22	23.01	22.63	45.18	2.09
U-315	44.80	51.05	45.44	56.12	15.43
U-316	45.17	45.43	51.25	55.84	10.89
U-319	29.89	32.73	34.67	57.99	6.67
U-322	33.91	39.18	34.67	61.15	24.70
U-325	36.06	39.18	36.69	66.80	20.28
U-327	36.24	37.34	42.45	66.66	18.86
U-328	29.26	33.06	33.71	41.55	6.35
U-330	36.48	36.48	73.00	0.00	1.94
U-332	60.30	60.30	73.97	0.47	5.32
U-335	59.10	59.18	72.72	49.83	19.26
U-337	46.09	46.95	70.69	0.00	9.15
U-34	54.69	69.67	54.70	48.27	31.45
U-341	73.92	73.97	73.93	59.53	21.81
U-344	55.56	55.60	73.70	66.56	23.58
U-345	43.95	55.84	55.60	0.13	9.18
U-346	65.00	72.30	65.03	54.64	45.62
U-347	57.15	65.01	62.96	69.70	38.63
U-348	35.55	43.21	43.09	52.53	10.54
U-35	56.12	69.59	56.14	57.36	22.40
U-351	70.59	70.97	71.96	67.02	50.23
U-352	52.19	57.09	66.36	39.25	19.40
U-353	66.40	66.40	74.45	35.33	18.31
U-354	42.23	52.13	47.80	57.94	13.20
U-357	40.60	47.85	47.81	60.42	25.55
U-358	62.35	70.33	64.81	62.84	21.55
U-364	70.60	70.60	70.61	50.74	9.65
U-364A	65.16	65.50	65.27	8.00	13.65
U-366	52.04	72.39	52.09	61.75	22.37
U-37	69.59	69.59	69.59	39.86	46.12
U-372	46.56	52.11	62.94	60.45	13.23
U-373	73.23	73.77	73.24	34.27	26.35
U-376	71.92	72.44	73.24	0.00	4.71
U-379	72.41	72.44	72.46	56.72	52.45
U-38	36.28	37.30	41.00	5.84	8.22
U-382	48.32	53.84	55.05	36.25	25.93
U-385	52.69	59.49	55.04	42.65	18.77
U-386	72.97	72.97	72.97	29.43	35.09
U-388	61.80	67.37	62.01	54.91	42.83
U-390	59.45	63.10	62.00	39.99	19.91
U-391	60.50	60.50	74.01	0.00	4.94
U-392	58.72	60.50	70.47	0.00	11.71
U-394	72.48	72.48	75.40	0.00	2.63
U-397	72.25	72.41	72.43	64.90	37.95
U-398	23.03	24.26	24.06	45.77	2.90
U-399	67.28	75.40	67.28	73.92	34.07
U-402	61.81	72.74	61.87	66.44	45.39
U-404	61.32	61.86	71.87	55.74	39.05
U-406	57.29	72.66	57.35	64.48	24.14
U-407	69.56	70.78	69.56	44.34	41.90
U-408	69.79	70.77	69.80	23.89	19.91
U-409	58.70	62.60	64.34	1.08	15.20
U-411	64.22	64.32	70.32	56.99	37.31
U-412	20.80	21.21	24.02	0.00	1.19
U-413	75.08	77.62	75.08	50.84	38.04
U-414	71.74	77.63	71.74	67.12	40.64
U-415	60.57	60.57	77.64	58.33	22.00
U-416	77.64	77.64	77.70	68.70	45.66
U-417	18.23	18.28	18.26	1.06	0.33
U-418	76.29	76.30	77.85	67.12	47.31
U-419	77.98	78.00	77.98	19.40	0.11
U-420	60.14	60.14	60.14	34.34	39.04
U-421	42.59	43.78	43.53	4.61	15.01
U-423	41.67	43.53	43.45	14.60	22.95
U-428	41.49	43.45	43.38	17.76	24.65
U-430	40.80	43.38	42.77	27.39	29.13
U-434	39.21	42.77	41.75	25.69	25.69
U-437	49.33	57.93	60.34	37.50	31.26

U-439	60.44	60.44	73.17	60.20	37.20
U-44	62.26	62.26	73.41	6.02	23.01
U-440	60.13	60.13	73.17	17.25	12.17
U-441	45.60	50.60	60.02	19.27	10.32
U-443	43.94	54.06	48.63	37.14	21.07
U-445	34.73	38.93	43.80	1.23	9.58
U-447	70.60	70.61	72.65	0.00	22.94
U-448	71.68	71.68	72.80	0.15	19.10
U-449	43.31	45.21	62.61	0.36	19.36
U-45	49.29	57.57	62.24	1.68	26.66
U-450	29.30	31.66	59.47	0.08	4.66
U-451	24.04	31.66	31.01	24.06	10.69
U-452	19.11	29.33	30.80	42.45	4.28
U-454	17.86	19.72	25.00	9.13	11.25
U-456	14.37	17.27	17.69	5.98	11.17
U-463	9.20	9.50	30.77	0.00	0.86
U-464	33.66	35.61	42.67	0.88	8.40
U-466	69.24	69.24	76.45	4.71	4.60
U-468	57.19	57.25	63.27	0.00	0.58
U-468-NEW	24.54	34.38	32.11	14.32	2.61
U-469	58.97	58.99	73.76	1.58	1.68
U-47	73.81	73.81	76.34	52.41	34.56
U-48	60.14	60.14	60.15	3.35	17.78
U-481	71.50	71.51	71.68	63.36	60.94
U-483	71.51	71.70	71.51	61.37	57.03
U-486	52.25	52.63	55.10	14.47	5.69
U-489	48.47	48.57	63.27	0.00	0.29
U-492	55.88	58.12	69.57	57.18	18.34
U-495	73.26	73.26	77.99	5.34	17.40
U-496	46.51	51.59	50.82	77.97	23.64
U-497	0.00	0.00	0.00	77.99	0.00
U-498	0.00	0.00	2.93	77.98	0.00
U-5	65.93	65.93	70.45	0.00	14.41
U-50	60.15	60.15	60.15	34.30	31.80
U-500	77.96	77.96	77.97	0.00	15.08
U-501	48.18	55.97	51.55	77.97	28.83
U-502	74.85	74.85	77.57	0.00	24.18
U-503	23.05	23.05	77.96	0.00	2.28
U-507	21.62	22.99	33.42	37.82	10.00
U-509	5.69	5.92	53.77	0.00	0.20
U-513	57.79	58.79	58.08	42.85	28.31
U-514	63.26	63.45	70.82	2.28	3.60
U-518-NEW	68.43	68.82	68.56	70.75	56.85
U-519-NEW	42.74	45.54	48.89	0.00	0.61
U-522	17.79	17.79	61.79	0.00	0.02
U-523	24.69	24.85	24.90	11.53	14.43
U-524-NEW	18.52	18.53	21.07	0.00	0.00
U-525	19.11	19.17	19.13	20.45	17.58
U-526	18.95	18.97	19.03	20.78	1.59
U-527	19.17	19.18	19.23	20.83	1.66
U-53	59.16	59.16	59.16	40.77	31.94
U-530	27.71	27.84	68.25	0.00	1.62
U-531	70.02	70.03	71.49	48.76	42.30
U-533	72.02	72.02	72.05	3.82	9.32
U-534-NEW	78.00	78.00	78.00	53.77	34.78
U-537	72.02	72.02	72.19	3.14	4.34
U-538	68.47	68.47	71.57	0.00	19.52
U-54	58.97	59.16	58.97	27.14	22.46
U-543	62.36	69.01	64.29	0.00	17.65
U-545	71.24	71.24	71.25	65.38	30.86
U-547	78.00	78.00	78.00	42.88	39.81
U-548	19.96	19.96	70.85	0.00	0.04
U-549	19.93	19.93	65.97	0.00	0.17
U-55	58.97	58.97	59.16	21.78	19.88
U-550	70.72	71.56	71.02	0.00	20.45
U-555	71.24	71.24	72.02	0.00	0.82
U-557	63.31	72.24	63.31	63.29	36.54
U-559	56.30	63.28	61.70	47.23	27.01
U-56	53.43	59.16	53.43	46.67	18.30
U-562	61.79	61.79	72.24	61.47	34.36
U-565	72.24	72.24	72.24	59.77	46.09
U-568	54.85	61.77	61.57	45.84	34.23
U-569	57.54	61.59	64.46	35.60	29.20
U-570	62.48	64.46	69.83	2.98	23.99
U-572	67.32	69.83	69.36	33.39	38.18
U-573	15.18	15.18	72.54	0.00	0.63
U-574	14.95	15.22	45.93	0.00	1.97
U-575	53.51	53.51	78.00	0.00	0.00
U-580	51.03	54.70	63.58	52.84	31.54
U-583	63.60	63.60	69.68	46.14	35.79

U-584	56.14	56.14	69.66	57.37	15.74
U-587	57.31	57.64	63.33	18.74	19.89
U-589	52.93	63.33	53.32	46.77	34.30
U-59	18.95	18.95	64.24	0.00	0.00
U-590	69.68	69.82	69.68	61.81	27.35
U-591	50.14	50.14	69.83	58.04	19.19
U-596	50.14	50.14	69.82	61.21	30.88
U-599	45.03	54.90	48.12	32.64	15.68
U-60	63.83	63.83	71.60	44.15	37.81
U-601	69.82	69.82	69.96	64.04	33.19
U-604	69.96	69.96	69.96	54.74	50.56
U-608	62.39	63.38	63.15	47.25	42.07
U-609	32.48	39.01	36.81	44.01	26.32
U-612	33.25	36.82	37.97	40.51	26.76
U-614	32.83	37.95	52.98	0.00	4.02
U-616	43.29	52.97	52.94	55.60	33.66
U-618	70.96	70.96	70.97	60.04	37.52
U-62	72.40	72.40	72.40	61.46	49.73
U-620	77.99	78.00	77.99	25.91	5.59
U-621	77.98	77.99	77.98	55.32	34.79
U-623	63.46	70.39	63.46	64.82	27.92
U-624	56.65	63.47	59.80	46.58	34.68
U-625	52.12	59.80	59.79	59.51	34.90
U-628	59.78	59.79	70.30	58.93	35.06
U-629	33.88	37.84	38.06	27.23	16.53
U-632	12.81	12.82	12.83	12.03	11.21
U-633	12.77	12.78	12.81	25.44	11.26
U-637	12.96	12.99	13.11	48.75	11.49
U-64	74.45	74.45	74.57	62.49	32.35
U-640	12.89	13.03	12.99	49.88	11.73
U-643	12.95	13.07	13.03	32.95	6.80
U-646	49.23	53.88	63.20	60.61	33.17
U-648	60.01	63.19	71.76	59.74	29.09
U-649	71.45	71.83	77.50	64.17	36.21
U-651	77.40	77.56	77.82	46.30	36.95
U-652	77.95	77.95	78.00	75.29	30.61
U-653	52.99	53.25	77.45	65.26	33.34
U-656	43.44	61.43	53.20	60.66	23.51
U-657	61.56	77.91	61.56	64.26	32.36
U-659-NEW	77.99	77.99	78.00	22.25	21.86
U-66	59.91	74.57	60.66	71.57	46.09
U-663	6.40	10.29	10.54	61.18	1.96
U-668	8.06	11.48	8.35	62.03	7.46
U-671	9.96	11.28	10.14	62.30	9.54
U-674	9.87	10.01	9.98	44.93	9.62
U-675	5.18	5.58	5.55	55.21	0.53
U-678	5.60	5.84	7.87	61.14	4.77
U-68	51.18	60.68	61.25	72.64	32.14
U-681	11.68	13.87	12.68	62.72	9.36
U-682	12.89	16.00	13.40	61.89	9.91
U-684	77.11	77.11	77.14	4.54	12.91
U-685	76.84	76.87	76.87	62.31	47.96
U-686	76.82	76.86	76.85	71.55	52.23
U-687	73.27	73.28	73.58	40.79	25.94
U-688	72.32	73.58	72.33	41.88	35.63
U-690	60.70	60.70	76.97	19.88	19.60
U-694	60.70	60.70	60.70	48.52	17.69
U-695	45.40	46.74	49.25	10.36	20.55
U-696	56.70	56.77	56.75	27.09	21.21
U-70	51.71	61.26	59.29	70.07	31.45
U-701	62.63	62.63	71.84	0.00	6.12
U-704	71.98	71.98	72.02	64.34	42.02
U-706	20.33	20.33	65.47	0.00	0.00
U-707	61.45	62.19	63.12	7.15	23.91
U-708	69.61	71.61	69.61	46.23	45.29
U-71	51.31	59.31	60.17	72.01	33.86
U-710	69.60	69.60	71.61	23.84	40.09
U-711	64.42	64.43	71.44	44.25	39.16
U-717	73.15	73.51	73.21	38.59	46.50
U-718	73.05	73.21	73.50	44.19	44.78
U-719	32.29	32.47	32.57	19.72	22.19
U-720	77.83	77.89	77.83	76.41	14.32
U-721-NEW	77.94	77.94	77.94	38.21	27.57
U-725	69.98	71.49	69.98	44.98	45.19
U-727	9.74	9.81	9.75	51.57	9.60
U-729	9.87	10.57	10.25	56.01	8.52
U-73	54.77	60.19	63.24	69.28	36.60
U-731	12.05	13.61	12.58	59.56	10.88
U-732	12.04	12.68	12.73	55.23	10.05
U-734	13.41	15.97	16.14	59.51	2.96

U-736	12.57	13.62	14.52	60.07	3.01
U-738	11.76	12.63	13.56	61.48	1.18
U-74	54.50	58.82	63.28	30.51	15.78
U-740	11.47	12.63	13.11	58.21	10.56
U-741	9.59	9.76	11.71	60.12	3.14
U-743	8.97	9.16	9.66	60.66	2.81
U-745	4.78	9.16	4.82	59.21	4.72
U-747	2.24	4.83	2.35	59.43	2.14
U-749	2.22	2.38	2.54	57.25	2.11
U-75	56.51	63.23	64.89	71.46	35.80
U-751	2.34	2.70	2.68	46.55	2.03
U-753	2.44	2.69	3.77	44.52	1.85
U-755	10.18	10.71	10.55	38.21	9.19
U-763	2.18	2.52	2.18	24.44	2.14
U-766	0.92	0.98	0.92	16.01	0.86
U-769	0.56	0.92	0.56	23.50	0.54
U-77	61.83	64.86	72.34	71.80	39.29
U-772	0.24	0.56	0.24	21.51	0.24
U-775	0.00	0.00	0.00	5.16	0.00
U-778	0.61	0.61	22.23	71.23	0.00
U-783	19.83	19.89	22.37	25.89	16.20
U-786	13.50	14.65	15.34	19.30	10.90
U-789	14.57	15.33	16.17	29.82	9.93
U-792	16.04	16.17	17.44	40.59	10.31
U-795	13.24	13.58	13.88	9.09	9.72
U-796	22.23	33.18	22.23	71.55	20.19
U-8	66.12	66.12	70.60	0.00	15.03
U-801	31.50	31.66	33.57	27.61	21.92
U-804	17.83	18.55	19.26	27.07	15.14
U-807	18.62	19.26	19.66	36.70	14.30
U-81	69.63	72.44	74.11	70.57	40.09
U-810	19.60	19.67	20.67	38.80	15.51
U-811	16.39	16.73	16.92	13.83	10.52
U-815	16.43	16.96	16.92	59.45	10.56
U-816	33.49	37.10	34.04	70.20	29.14
U-82	65.51	74.18	68.00	74.84	39.84
U-820	34.31	34.59	37.39	26.76	21.80
U-823	17.75	18.51	19.23	32.25	15.08
U-826	18.34	19.22	19.74	42.87	14.04
U-829	19.25	19.74	20.60	48.15	14.75
U-83	67.88	67.88	77.57	74.45	34.66
U-832	20.51	20.62	21.28	28.75	13.23
U-833	16.13	16.85	16.26	28.98	5.31
U-834-EAC	47.64	48.93	52.05	6.48	19.41
U-835	72.61	72.61	73.61	0.00	16.20
U-837	65.33	67.97	69.58	0.29	24.70
U-838	65.66	70.08	66.31	54.39	34.47
U-839	57.73	66.26	60.00	57.61	32.15
U-840	59.10	59.99	69.39	58.54	34.37
U-841	54.27	58.21	57.53	42.40	22.95
U-842	64.13	71.47	64.13	67.21	40.67
U-846	18.28	18.28	18.85	0.00	0.00
U-847	18.10	18.10	18.26	0.00	0.00
U-848	64.44	64.49	64.44	52.98	48.95
U-851	69.58	69.58	69.58	47.70	51.39
U-852	69.58	69.59	69.58	49.35	39.81
U-854	54.59	59.55	57.78	33.67	34.80
U-856	56.72	60.94	58.76	30.18	35.86
U-858	54.52	58.74	58.62	33.56	37.25
U-860	52.93	58.62	57.04	34.72	36.10
U-863	65.59	65.59	65.60	36.97	33.51
U-864	73.17	73.17	73.24	0.00	30.65
U-865	73.17	73.17	73.58	0.00	16.82
U-866	76.86	76.88	76.87	69.04	43.32
U-867	77.99	77.99	78.00	1.46	1.46
U-868	77.99	77.99	78.00	2.36	2.36
U-869	77.98	77.98	78.00	0.01	0.01
U-871	77.99	77.99	78.00	0.45	14.47
U-872	54.21	55.99	58.47	7.87	15.78
U-874-NEW	77.98	77.99	77.99	9.49	9.64
U-875	47.81	47.81	78.00	38.25	0.00
U-878	12.49	15.44	17.44	69.50	8.35
U-879	16.27	17.45	37.75	73.09	9.98
U-88	69.81	69.81	77.03	70.19	38.88
U-880	31.62	32.87	55.22	0.00	10.08
U-885	78.00	78.00	78.00	77.97	45.38
U-90	71.78	72.34	72.03	76.55	46.41
U-91	24.41	26.61	25.89	69.98	3.85
U-92	21.64	22.22	22.12	52.93	16.37
U-96	21.59	27.91	23.07	76.94	5.57

U-97	22.84	34.99	23.21	77.22	3.10
U-98	77.94	77.94	77.95	70.98	34.43
U-99	69.18	75.28	71.25	76.11	35.43

****
Pumping Summary
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Pump	Percent Utilized	Number of Start-Ups	Min Flow CFS	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal	Power Usage Kw-hr	% Time Off Pump Curve Low	% Time Off Pump Curve High
PS-HC1-LAG	18.66	829	8.00	8.00	8.00	3.136	125.20	0.0	100.0
PS-HC1-LEAD	18.66	829	8.00	8.00	8.00	3.136	125.20	0.0	100.0

Analysis begun on: Tue Nov 17 10:33:15 2015
Analysis ended on: Tue Nov 17 10:39:39 2015
Total elapsed time: 00:06:24

APPENDIX E

Solution H&H Model Input Report

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[OPTIONS]
FLOW_UNITS           CFS
INFILTRATION         CURVE_NUMBER
FLOW_ROUTING         DYNWAVE
ALLOW_PONDING        YES
DRY_DAYS 5.000000
SKIP_STEADY_STATE            NO
IGNORE_RAINFALL      NO
IGNORE_SNOWMELT      YES
IGNORE_GROUNDWATER           NO
IGNORE_QUALITY       YES
FORCE_MAIN_EQUATION          H-W
LINK_OFFSETS         DEPTH
MIN_SLOPE            0.000000
START_DATE           01/01/2002
START_TIME           00:00
END_DATE 01/04/2002
END_TIME 06:00
REPORT_START_DATE01/01/2002
REPORT_START_TIME00:00
SWEEP_START          01/01
SWEEP_END            12/31
WET_STEP 00:05:00
DRY_STEP 00:05:00
ROUTING_STEP         4.000000
REPORT_STEP          00:01:00
INERTIAL_DAMPING FULL
VARIABLE_STEP        0.610000
LENGTHENING_STEP 7
MIN_SURFAREA         0.000000
NORMAL_FLOW_LIMITED          SLOPE
MAX_TRIALS           5
HEAD_TOLERANCE       1.000000

[EXTENDED_OPTIONS]
Conduit_InvertElevation      YES
MAX_STEP 2500
Rim_Elevation        YES
UnitHydrograph_Type          Standard


[RAINGAGES]
MEANANNUAL           CUMULATIVE          0.250000 1.000000 TIMESERIES          MEANANNUAL
RAINGAUGE_100YR      CUMULATIVE          0.250000 1.000000 TIMESERIES          100YR72HRSTORM
RAINGAUGE_10YR       CUMULATIVE          0.250000 1.000000 TIMESERIES          10YR72HRSTORM
RAINGAUGE_25YR       CUMULATIVE          0.250000 1.000000 TIMESERIES          25YR72HR
RAINGAUGE_5YR        CUMULATIVE          0.250000 1.000000 TIMESERIES          5YR72HRSTORM

[HYDROGRAPHS]

[TEMPERATURE]

[ADJUSTMENTS]

[SUBCATCHMENTS]
SUB-11856            RAINGAUGE_25YR      J-541    1.857639 45.471043           0.817771 1.664540 0.000000
SUB-11868            RAINGAUGE_25YR      J-534    2.452711 65.000000           0.939668 2.119008 0.000000
SUB-11924            RAINGAUGE_25YR      J-132    2.840024 38.000000           1.011142 1.152244 0.000000
SUB-11926            RAINGAUGE_25YR      J-158    6.847408 38.000000           1.570053 0.518197 0.000000
SUB-11930            RAINGAUGE_25YR      J-74     2.016822 38.000000           0.852089 0.893295 0.000000
SUB-11932            RAINGAUGE_25YR      J-481    1.503526 20.363015           0.735710 0.561716 0.000000
SUB-11936            RAINGAUGE_25YR      J-482    1.450452 54.966769           0.722608 0.503895 0.000000
SUB-11944            RAINGAUGE_25YR      J-129    3.602990 38.015839           1.138893 1.828677 0.000000
SUB-11948            RAINGAUGE_25YR      J-99     3.308419 38.000000           1.091344 1.060137 0.000000
SUB-11950            RAINGAUGE_25YR      J-487    1.480570 50.433653           0.730072 0.837230 0.000000
SUB-11954            RAINGAUGE_25YR      J-67     1.508301 38.000000           0.736877 1.773706 0.000000
SUB-11958            RAINGAUGE_25YR      J-63     3.728697 38.000000           1.158590 0.739077 0.000000
SUB-11968            RAINGAUGE_25YR      J-355    2.274664 19.513439           0.904919 0.978853 0.000000
SUB-11970            RAINGAUGE_25YR      J-489    1.914806 45.144165           0.830259 0.885184 0.000000
SUB-11972            RAINGAUGE_25YR      J-188    2.880840 38.000000           1.018382 1.381654 0.000000
SUB-11978            RAINGAUGE_25YR      J-256    2.698432 38.026061           0.985614 1.736567 0.000000
SUB-11984            RAINGAUGE_25YR      J-351    2.310935 38.096335           0.912106 0.714544 0.000000
SUB-11986            RAINGAUGE_25YR      J-354    2.354276 40.458490           0.920619 0.605257 0.000000
SUB-11988            RAINGAUGE_25YR      J-341    4.418571 39.193636           1.261224 1.319807 0.000000
SUB-11990            RAINGAUGE_25YR      J-191    1.916642 38.078072           0.830657 1.567722 0.000000
SUB-11994            RAINGAUGE_25YR      J-253    1.782763 38.000000           0.801121 2.181504 0.000000
SUB-11998            RAINGAUGE_25YR      J-198    4.234923 38.072068           1.234736 0.809575 0.000000
SUB-12004            RAINGAUGE_25YR      J-266    1.653328 38.000000           0.771491 1.670416 0.000000
SUB-12010            RAINGAUGE_25YR      J-238    1.460504 38.000000           0.725108 1.471121 0.000000
SUB-12014            RAINGAUGE_25YR      J-512    0.997760 65.000000           0.599327 0.955973 0.000000
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SUB-12016	RAINGAUGE_25YR	J-249	2.737824	38.001405		0.992782	1.580357	0.000000
SUB-12024	RAINGAUGE_25YR	J-282	2.097903	38.651735		0.869048	0.734381	0.000000
SUB-12036	RAINGAUGE_25YR	J-324	2.270348	39.038863		0.904061	1.047766	0.000000
SUB-12044	RAINGAUGE_25YR	J-784	2.270165	65.024048		0.904024	2.158897	0.000000
SUB-12046	RAINGAUGE_25YR	J-59	2.174025	38.000000		0.884675	0.921312	0.000000
SUB-12048	RAINGAUGE_25YR	J-61	1.245684	43.249873		0.669661	2.196722	0.000000
SUB-12052	RAINGAUGE_25YR	J-918	3.119261	38.132534		1.059686	2.730367	0.000000
SUB-12060	RAINGAUGE_25YR	J-31	2.070080	38.000000		0.863266	0.667673	0.000000
SUB-12062	RAINGAUGE_25YR	J-647	1.407203	38.000000		0.711753	0.311008	0.000000
SUB-12068	RAINGAUGE_25YR	J-42	1.338427	38.400879		0.694142	0.957809	0.000000
SUB-12072	RAINGAUGE_25YR	J-571	6.418130	38.000000		1.520042	0.909643	0.000000
SUB-12084	RAINGAUGE_25YR	J-585	3.999486	38.009451		1.199923	1.418623	0.000000
SUB-12086	RAINGAUGE_25YR	J-5	4.323441	38.000000		1.247573	1.912178	0.000000
SUB-12088	RAINGAUGE_25YR	JCT-28	3.501892	38.000000		1.122801	1.234957	0.000000
SUB-12100	RAINGAUGE_25YR	JCT-30	3.477099	38.016053		1.118819	0.500000	0.000000
SUB-12110	RAINGAUGE_25YR	J-557	1.480478	38.032114		0.730049	0.500000	0.000000
SUB-12112	RAINGAUGE_25YR	J-672	2.630023	38.006493		0.973041	0.500000	0.000000
SUB-12116	RAINGAUGE_25YR	J-910	2.378058	38.000003		0.925257	0.500000	0.000000
SUB-12122	RAINGAUGE_25YR	SUB-12122	0.194667	38.000000		0.264726	0.500000	0.000000
SUB-12128	RAINGAUGE_25YR	J-606	1.786895	38.000000		0.802049	0.500000	0.000000
SUB-12132	RAINGAUGE_25YR	J-710	3.058933	38.000000		1.049388	0.500000	0.000000
SUB-12136	RAINGAUGE_25YR	J-700	2.479156	38.000000		0.944720	0.500000	0.000000
SUB-12138	RAINGAUGE_25YR	JCT-32	1.972747	38.000000		0.842727	0.500000	0.000000
SUB-12142	RAINGAUGE_25YR	J-912	5.105139	38.007495		1.355673	0.500000	0.000000
SUB-12144	RAINGAUGE_25YR	J-611	5.940737	38.000000		1.462418	0.500000	0.000000
SUB-12150	RAINGAUGE_25YR	J-563	2.175658	38.000000		0.885007	1.145574	0.000000
SUB-12152	RAINGAUGE_25YR	J-678	3.515134	38.000000		1.124922	0.923680	0.000000
SUB-12154	RAINGAUGE_25YR	J-663	5.908253	38.000000		1.458414	1.137961	0.000000
SUB-12158	RAINGAUGE_25YR	J-665	1.852523	38.000000		0.816645	0.994650	0.000000
SUB-12160	RAINGAUGE_25YR	J-598	3.733230	38.000000		1.159294	2.544498	0.000000
SUB-12162	RAINGAUGE_25YR	J-591	2.779212	38.000000		1.000258	1.701853	0.000000
SUB-12164	RAINGAUGE_25YR	J-757	2.215353	38.000000		0.893044	1.070446	0.000000
SUB-12166	RAINGAUGE_25YR	J-687	1.491838	38.000000		0.732845	0.416854	0.000000
SUB-12168	RAINGAUGE_25YR	J-633	2.097420	38.000000		0.868948	0.823507	0.000000
SUB-12170	RAINGAUGE_25YR	J-659	0.589539	38.000000		0.460689	3.060475	0.000000
SUB-12172	RAINGAUGE_25YR	J-657	1.125302	38.000000		0.636482	1.689521	0.000000
SUB-12174	RAINGAUGE_25YR	J-654	2.624617	38.000000		0.972040	1.468449	0.000000
SUB-12176	RAINGAUGE_25YR	J-18	1.711487	38.000000		0.784943	1.035760	0.000000
SUB-12180	RAINGAUGE_25YR	J-629	2.426744	38.000000		0.934681	1.136246	0.000000
SUB-12182	RAINGAUGE_25YR	J-632	1.135079	38.000000		0.639241	0.500000	0.000000
SUB-12184	RAINGAUGE_25YR	J-637	0.553583	38.000000		0.446419	0.500000	0.000000
SUB-12186	RAINGAUGE_25YR	J-640	1.677265	38.000000		0.777056	0.500000	0.000000
SUB-12188	RAINGAUGE_25YR	J-653	2.827579	38.000000		1.008924	0.500000	0.000000
SUB-12190	RAINGAUGE_25YR	J-27	2.066789	38.000000		0.862580	0.500000	0.000000
SUB-12192	RAINGAUGE_25YR	J-25	2.761651	38.000000		0.997093	0.500000	0.000000
SUB-12194	RAINGAUGE_25YR	J-321	1.410330	38.000000		0.712544	0.903960	0.000000
SUB-12196	RAINGAUGE_25YR	J-328	1.663156	38.000000		0.773781	0.412534	0.000000
SUB-12198	RAINGAUGE_25YR	J-314	1.806598	38.000000		0.806458	0.761684	0.000000
SUB-12200	RAINGAUGE_25YR	J-682	1.661088	38.000000		0.773299	0.500000	0.000000
SUB-12202	RAINGAUGE_25YR	J-624	2.842330	38.000000		1.011553	0.500000	0.000000
SUB-12204	RAINGAUGE_25YR	J-618	1.390916	38.000000		0.707623	0.500000	0.000000
SUB-12206	RAINGAUGE_25YR	J-899	2.885799	38.576025		1.019258	0.500000	0.000000
SUB-12208	RAINGAUGE_25YR	J-891	1.194728	40.258370		0.655822	0.500000	0.000000
SUB-12210	RAINGAUGE_25YR	J-40	2.010444	38.000000		0.850741	0.500000	0.000000
SUB-12212	RAINGAUGE_25YR	J-58	1.527995	41.971872		0.741673	0.500000	0.000000
SUB-12214	RAINGAUGE_25YR	J-54	2.797872	39.443760		1.003610	0.500000	0.000000
SUB-12216	RAINGAUGE_25YR	J-934	1.138570	49.716647		0.640223	0.500000	0.000000
SUB-12218	RAINGAUGE_25YR	J-894	0.835929	48.842470		0.548575	0.500000	0.000000
SUB-12222	RAINGAUGE_25YR	J-317	1.622765	38.000000		0.764327	0.500000	0.000000
SUB-12224	RAINGAUGE_25YR	J-208	1.155299	38.000000		0.644909	0.500000	0.000000
SUB-12226	RAINGAUGE_25YR	J-310	1.715710	38.000000		0.785911	1.321658	0.000000
SUB-12228	RAINGAUGE_25YR	J-305	1.818375	38.000000		0.809083	1.183191	0.000000
SUB-12230	RAINGAUGE_25YR	J-296	0.656138	38.000000		0.486014	0.500000	0.000000
SUB-12232	RAINGAUGE_25YR	J-300	0.662444	38.000000		0.488344	0.500000	0.000000
SUB-12234	RAINGAUGE_25YR	J-288	1.166244	38.000000		0.647957	0.500000	0.000000
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SUB-12240	RAINGAUGE_25YR	J-226	1.117068	38.000000		0.634149	3.008506	0.000000
SUB-12242	RAINGAUGE_25YR	J-209	2.280767	38.000000		0.906132	0.500000	0.000000
SUB-12244	RAINGAUGE_25YR	J-213	1.600218	38.000000		0.758998	0.500000	0.000000
SUB-12246	RAINGAUGE_25YR	J-242	1.150682	38.000000		0.643619	0.500000	0.000000
SUB-12248	RAINGAUGE_25YR	J-244	1.185491	38.000000		0.653281	0.500000	0.000000
SUB-12250	RAINGAUGE_25YR	J-267	1.963239	38.000000		0.840694	0.500000	0.000000
SUB-12252	RAINGAUGE_25YR	J-126	6.016147	38.000000		1.471670	0.787116	0.000000
SUB-12256	RAINGAUGE_25YR	J-110	2.010787	38.000000		0.850813	1.032908	0.000000
SUB-12258	RAINGAUGE_25YR	J-217	2.185710	38.000000		0.887049	1.463366	0.000000
SUB-12260	RAINGAUGE_25YR	J-223	2.142711	38.000000		0.878280	0.923148	0.000000
SUB-12262	RAINGAUGE_25YR	J-180	1.451843	38.000000		0.722955	1.114320	0.000000
SUB-12264	RAINGAUGE_25YR	J-121	1.838406	38.000000		0.813527	1.567308	0.000000
SUB-12266	RAINGAUGE_25YR	J-104	1.923741	38.000000		0.832194	0.500000	0.000000
SUB-12268	RAINGAUGE_25YR	J-185	2.964343	38.000000		1.033036	0.993431	0.000000

SUB-12272	RAINGAUGE_25YR	J-80	2.890318	38.000000	1.020056	1.632213	0.000000
SUB-12274	RAINGAUGE_25YR	J-83	2.029851	38.000000	0.854837	0.464546	0.000000
SUB-12276	RAINGAUGE_25YR	J-402	3.564371	38.000000	1.132772	0.629194	0.000000
SUB-12278	RAINGAUGE_25YR	J-396	2.828651	38.000000	1.009116	0.516109	0.000000
SUB-12280	RAINGAUGE_25YR	J-368	3.817137	38.000000	1.172250	0.516308	0.000000
SUB-12284	RAINGAUGE_25YR	J-380	2.230025	46.504578	0.895996	0.679221	0.000000
SUB-12286	RAINGAUGE_25YR	J-363	2.169134	30.942353	0.883679	0.248786	0.000000
SUB-12288	RAINGAUGE_25YR	J-342	4.010839	15.203191	1.201625	0.845325	0.000000
SUB-12290	RAINGAUGE_25YR	J-410	2.003805	38.000000	0.849335	0.681868	0.000000
SUB-12292	RAINGAUGE_25YR	J-415	2.397409	38.000000	0.929014	0.810689	0.000000
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SUB-12300	RAINGAUGE_25YR	J-384	3.450074	38.000000	1.114462	0.688278	0.000000
SUB-12302	RAINGAUGE_25YR	J-421	3.792378	38.000000	1.168442	0.449172	0.000000
SUB-12304	RAINGAUGE_25YR	J-422	1.573760	41.810930	0.752697	0.486957	0.000000
SUB-12306	RAINGAUGE_25YR	J-430	3.285546	38.000000	1.087565	0.931306	0.000000
SUB-12308	RAINGAUGE_25YR	J-423	5.234863	38.000000	1.372789	1.319153	0.000000
SUB-12310	RAINGAUGE_25YR	J-459	4.789236	55.619789	1.313059	1.129717	0.000000
SUB-12312	RAINGAUGE_25YR	J-445	0.564112	38.000000	0.450644	1.489169	0.000000
SUB-12314	RAINGAUGE_25YR	J-763	3.480983	50.808594	1.119444	0.873483	0.000000
SUB-12316	RAINGAUGE_25YR	J-440	2.851790	54.309348	1.013235	1.155351	0.000000
SUB-12318	RAINGAUGE_25YR	J-147	3.444354	38.000000	1.113538	1.247387	0.000000
SUB-12320	RAINGAUGE_25YR	J-438	2.098156	38.000000	0.869101	0.907396	0.000000
SUB-12322	RAINGAUGE_25YR	J-437	2.969191	38.000000	1.033880	0.500000	0.000000
SUB-12324	RAINGAUGE_25YR	J-152	2.939024	38.000000	1.028615	1.101998	0.000000
SUB-12326	RAINGAUGE_25YR	J-170	0.693874	38.000000	0.499794	1.349391	0.000000
SUB-12328	RAINGAUGE_25YR	J-161	1.344514	38.000000	0.695719	0.500000	0.000000
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SUB-12332	RAINGAUGE_25YR	J-169	0.793206	38.000000	0.534373	1.098056	0.000000
SUB-12334	RAINGAUGE_25YR	J-166	1.473026	38.000000	0.728210	0.500000	0.000000
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SUB-12340	RAINGAUGE_25YR	J-826	2.219292	40.802015	0.893837	0.500000	0.000000
SUB-12344	RAINGAUGE_25YR	J-831	1.760608	38.000000	0.796127	0.500000	0.000000
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SUB-12356	RAINGAUGE_25YR	J-870	1.849594	39.945820	0.815999	0.500000	0.000000
SUB-12358	RAINGAUGE_25YR	J-865	1.406665	38.000000	0.711617	0.500000	0.000000
SUB-12362	RAINGAUGE_25YR	J-860	0.315975	38.000000	0.337270	0.500000	0.000000
SUB-12364	RAINGAUGE_25YR	J-809	0.392424	48.258864	0.375863	0.500000	0.000000
SUB-12366	RAINGAUGE_25YR	J-851	0.445075	42.921507	0.400284	0.500000	0.000000
SUB-12368	RAINGAUGE_25YR	J-958	1.400307	88.302244	0.710007	0.349984	0.000000
SUB-12372	RAINGAUGE_25YR	J-539	1.361940	67.980435	0.700213	0.209498	0.000000
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SUB-12382	RAINGAUGE_25YR	J-470	1.357419	88.536557	0.699050	1.033813	0.000000
SUB-12386	RAINGAUGE_25YR	J-493	1.370075	87.353381	0.702301	0.500000	0.000000
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SUB-12394	RAINGAUGE_25YR	J-497	1.301524	65.000000	0.684506	0.500000	0.000000
SUB-12396	RAINGAUGE_25YR	J-714	3.559167	65.000000	1.131945	0.500000	0.000000
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SUB-12418	RAINGAUGE_25YR	J-498	3.726118	65.000000	1.158189	0.500000	0.000000
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SUB-12422	RAINGAUGE_25YR	J-734	1.682100	65.000000	0.778175	0.500000	0.000000
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SUB-12438	RAINGAUGE_25YR	J-290	4.064991	38.000000	1.209709	1.030392	0.000000
SUB-12442	RAINGAUGE_25YR	J-15	0.443281	38.000000	0.399476	1.680288	0.000000
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SUB-12450	RAINGAUGE_25YR	J-684	1.157335	38.000000	0.645477	0.500000	0.000000
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SUB-12454	RAINGAUGE_25YR	J-754	1.506574	42.585206	0.736455	0.500000	0.000000
SUB-12456	RAINGAUGE_25YR	J-750	1.048915	42.101838	0.614499	0.500000	0.000000
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SUB-12460	RAINGAUGE_25YR	J-77	1.645000	49.092000	0.664000	0.500000	0.000000

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SUB-12210        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
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SUB-12260	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12262	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
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SUB-12266	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12268	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12272	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12274	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12276	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12278	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
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SUB-12290	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12292	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12294	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12296	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12300	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12302	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12304	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12306	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12308	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
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SUB-12312	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12314	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
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SUB-12318	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12320	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
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SUB-12324	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12326	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12328	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12330	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
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SUB-12394	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12396	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET
SUB-12398	0.100000	0.001000	0.050000	0.050000	25.000000	OUTLET

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SUB-12402        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-12404        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-12408        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
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SUB-12414        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
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SUB-12420        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-12422        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-12424        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-12428        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
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SUB-12432        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
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SUB-12438        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
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SUB-12444        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
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SUB-12448        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
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SUB-12454        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-12456        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-12458        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET
SUB-12460        0.100000 0.001000 0.050000 0.050000 25.000000        OUTLET

[INFILTRATION]
SUB-11856        3        75.000000        0.500000 1.000000
SUB-11868        3        75.000000        0.500000 1.000000
SUB-11924        3        75.000000        0.500000 1.000000
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SUB-11930        3        75.000000        0.500000 1.000000
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SUB-11944        3        75.000000        0.500000 1.000000
SUB-11948        3        75.000000        0.500000 1.000000
SUB-11950        3        75.000000        0.500000 1.000000
SUB-11954        3        75.000000        0.500000 1.000000
SUB-11958        3        75.000000        0.500000 1.000000
SUB-11968        3        75.000000        0.500000 1.000000
SUB-11970        3        75.000000        0.500000 1.000000
SUB-11972        3        75.000000        0.500000 1.000000
SUB-11978        3        75.000000        0.500000 1.000000
SUB-11984        3        75.000000        0.500000 1.000000
SUB-11986        3        75.000000        0.500000 1.000000
SUB-11988        3        75.000000        0.500000 1.000000
SUB-11990        3        75.000000        0.500000 1.000000
SUB-11994        3        75.000000        0.500000 1.000000
SUB-11998        3        75.000000        0.500000 1.000000
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SUB-12014        3        75.000000        0.500000 1.000000
SUB-12016        3        75.000000        0.500000 1.000000
SUB-12024        3        75.000000        0.500000 1.000000
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SUB-12046        3        75.000000        0.500000 1.000000
SUB-12048        3        75.000000        0.500000 1.000000
SUB-12052        3        75.000000        0.500000 1.000000
SUB-12060        3        75.000000        0.500000 1.000000
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SUB-12068        3        75.000000        0.500000 1.000000
SUB-12072        3        75.000000        0.500000 1.000000
SUB-12084        3        75.000000        0.500000 1.000000
SUB-12086        3        75.000000        0.500000 1.000000
SUB-12088        3        75.000000        0.500000 1.000000
SUB-12100        3        75.000000        0.500000 1.000000
SUB-12110        3        75.000000        0.500000 1.000000
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SUB-12122        3        75.000000        0.500000 1.000000
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SUB-12142        3        75.000000        0.500000 1.000000
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SUB-12152        3        75.000000        0.500000 1.000000
SUB-12154        3        75.000000        0.500000 1.000000
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SUB-12160	3	75.000000	0.500000	1.000000
SUB-12162	3	75.000000	0.500000	1.000000
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SUB-12166	3	75.000000	0.500000	1.000000
SUB-12168	3	75.000000	0.500000	1.000000
SUB-12170	3	75.000000	0.500000	1.000000
SUB-12172	3	75.000000	0.500000	1.000000
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SUB-12204	3	75.000000	0.500000	1.000000
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SUB-12212	3	75.000000	0.500000	1.000000
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SUB-12274	3	75.000000	0.500000	1.000000
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SUB-12290	3	75.000000	0.500000	1.000000
SUB-12292	3	75.000000	0.500000	1.000000
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SUB-12296	3	75.000000	0.500000	1.000000
SUB-12300	3	75.000000	0.500000	1.000000
SUB-12302	3	75.000000	0.500000	1.000000
SUB-12304	3	75.000000	0.500000	1.000000
SUB-12306	3	75.000000	0.500000	1.000000
SUB-12308	3	75.000000	0.500000	1.000000
SUB-12310	3	75.000000	0.500000	1.000000
SUB-12312	3	75.000000	0.500000	1.000000
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SUB-12318	3	75.000000	0.500000	1.000000
SUB-12320	3	75.000000	0.500000	1.000000
SUB-12322	3	75.000000	0.500000	1.000000
SUB-12324	3	75.000000	0.500000	1.000000
SUB-12326	3	75.000000	0.500000	1.000000
SUB-12328	3	75.000000	0.500000	1.000000
SUB-12330	3	75.000000	0.500000	1.000000

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SUB-12332        3        75.000000        0.500000 1.000000
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SUB-12372        3        75.000000        0.500000 1.000000
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SUB-12376        3        75.000000        0.500000 1.000000
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SUB-12388        3        75.000000        0.500000 1.000000
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SUB-12424        3        75.000000        0.500000 1.000000
SUB-12428        3        75.000000        0.500000 1.000000
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SUB-12452        3        75.000000        0.500000 1.000000
SUB-12454        3        75.000000        0.500000 1.000000
SUB-12456        3        75.000000        0.500000 1.000000
SUB-12458        3        75.000000        0.500000 1.000000

[AQUIFERS]

[GROUNDWATER]

[GWF]

[SNOWPACKS]

[JUNCTIONS]
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J-104    -4.560000        6.700000 0.000000 0.000000 7900.620000
J-106    -4.560000        6.250000 0.000000 0.000000 2500.000000
J-109    -4.560000        6.599000 0.000000 0.000000 2500.000000
J-11     -4.560000        7.560000 0.000000 0.000000 2500.000000
J-110    -4.121000        6.233000 0.000000 0.000000 14046.550000
J-113    -4.560000        6.834000 0.000000 0.000000 2500.000000
J-114    -4.560000        7.560000 0.000000 0.000000 2500.000000
J-118    -4.560000        7.560000 0.000000 0.000000 2500.000000
J-12     -4.560000        7.560000 0.000000 0.000000 2500.000000
J-121    -4.560000        7.700000 0.000000 0.000000 6041.950000
J-126    -3.560000        5.200000 0.000000 0.000000 29036.490000
J-126A   -3.560000        7.000000 0.000000 0.000000 2500.000000
J-127    -3.560000        5.190000 0.000000 0.000000 2500.000000
J-128    -3.560000        5.170000 0.000000 0.000000 2500.000000
J-129    -3.560000        6.500000 0.000000 0.000000 44476.000000
J-130    -3.560000        6.400000 0.000000 0.000000 2500.000000
J-131    -3.560000        7.050000 0.000000 0.000000 2500.000000
J-132    -3.560000        6.100000 0.000000 0.000000 10858.000000
J-137    -3.560000        6.000000 0.000000 0.000000 2500.000000
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J-139    -3.560000        6.560000 0.000000 0.000000 2500.000000
J-140    -3.560000        6.480000 0.000000 0.000000 2500.000000
J-147    -3.560000        6.500000 0.000000 0.000000 28270.770000
J-148    -3.560000        6.540000 0.000000 0.000000 2500.000000
J-149    -3.560000        6.000000 0.000000 0.000000 2500.000000
J-15     -4.060000        6.700000 0.000000 0.000000 5405.010000
J-152    -3.560000        6.600000 0.000000 0.000000 21514.290000
J-153    -3.560000        6.700000 0.000000 0.000000 2500.000000
J-155    -3.560000        6.620000 0.000000 0.000000 2500.000000
J-156    -3.560000        6.470000 0.000000 0.000000 2500.000000
J-158    -3.560000        6.600000 0.000000 0.000000 21642.000000
J-158A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-15A    -3.560000        13.560000        0.000000 0.000000 2500.000000
J-160    -3.560000        6.700000 0.000000 0.000000 2500.000000
J-161    -3.560000        6.560000 0.000000 0.000000 20784.590000
J-162    -3.560000        7.310000 0.000000 0.000000 2500.000000
J-163    -3.560000        6.044000 0.000000 0.000000 4574.890000
J-164    -3.560000        6.506000 0.000000 0.000000 2500.000000
J-165    -3.560000        6.601000 0.000000 0.000000 6226.570000
J-166    -3.560000        6.373000 0.000000 0.000000 19333.690000
J-167    -3.560000        6.016000 0.000000 0.000000 2500.000000
J-168    -3.560000        6.159000 0.000000 0.000000 2500.000000
J-169    -3.560000        6.305000 0.000000 0.000000 8776.660000
J-170    -3.560000        6.409000 0.000000 0.000000 6613.120000
J-174    -3.560000        6.000000 0.000000 0.000000 2500.000000
J-175    -3.560000        6.250000 0.000000 0.000000 2500.000000
J-176    -3.560000        6.720000 0.000000 0.000000 2500.000000
J-179    -4.060000        6.850000 0.000000 0.000000 2500.000000
J-18     -3.560000        6.230000 0.000000 0.000000 7527.540000
J-180    -3.560000        5.950000 0.000000 0.000000 14622.310000
J-180A   -3.560000        7.000000 0.000000 0.000000 2500.000000
J-185    -4.060000        6.570000 0.000000 0.000000 9315.760000
J-185A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-188    -4.060000        6.320000 0.000000 0.000000 7497.000000
J-188A   -3.560000        7.000000 0.000000 0.000000 2500.000000
J-191    -3.560000        5.950000 0.000000 0.000000 11996.000000
J-191A   -3.560000        7.000000 0.000000 0.000000 2500.000000
J-195    -3.560000        5.760000 0.000000 0.000000 2500.000000
J-195A   -3.560000        7.000000 0.000000 0.000000 2500.000000
J-198    -3.560000        5.700000 0.000000 0.000000 7240.000000
J-199    -3.560000        5.750000 0.000000 0.000000 2500.000000
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J-206    -3.560000        5.750000 0.000000 0.000000 2500.000000
J-208    -3.560000        5.750000 0.000000 0.000000 3913.320000
J-209    -3.560000        5.850000 0.000000 0.000000 2926.920000
J-212    -3.560000        6.050000 0.000000 0.000000 2500.000000
J-213    -3.560000        5.750000 0.000000 0.000000 5104.030000
J-213A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-217    -7.693000        9.103000 0.000000 0.000000 17856.510000
J-218    -7.136000        8.966000 0.000000 0.000000 2500.000000
J-222    -5.166000        6.336000 0.000000 0.000000 2500.000000
J-223    -5.060000        7.300000 0.000000 0.000000 12669.960000
J-223A   -3.560000        7.000000 0.000000 0.000000 2500.000000
J-225    -3.560000        6.050000 0.000000 0.000000 2500.000000
J-226    -3.560000        6.050000 0.000000 0.000000 3080.630000
J-232    -3.560000        6.100000 0.000000 0.000000 2500.000000
J-233    -3.560000        6.200000 0.000000 0.000000 16553.810000
J-235    -3.560000        6.160000 0.000000 0.000000 2500.000000
J-238    -4.560000        7.100000 0.000000 0.000000 2060.940000
J-24     -3.560000        6.000000 0.000000 0.000000 2500.000000
J-242    -3.560000        5.900000 0.000000 0.000000 3812.770000
J-244    -3.560000        5.900000 0.000000 0.000000 4570.940000
J-247    -3.560000        5.860000 0.000000 0.000000 7689.340000
J-248    -3.560000        5.800000 0.000000 0.000000 2500.000000
J-249    -3.560000        5.850000 0.000000 0.000000 25632.000000
J-25     -3.560000        6.040000 0.000000 0.000000 26150.970000
J-253    -3.560000        5.850000 0.000000 0.000000 24168.410000
J-254    -3.560000        5.900000 0.000000 0.000000 2500.000000
J-256    -3.560000        6.000000 0.000000 0.000000 41774.000000
J-259    -3.560000        5.800000 0.000000 0.000000 2500.000000
J-25A    -3.560000        13.560000        0.000000 0.000000 2500.000000
J-260    -3.560000        6.560000 0.000000 0.000000 2500.000000
J-261    -3.560000        5.700000 0.000000 0.000000 2500.000000
J-261-WEIR       -3.560000        5.700000 0.000000 0.000000 2500.000000
J-262    -3.560000        6.560000 0.000000 0.000000 2500.000000
J-266    -3.560000        5.850000 0.000000 0.000000 23260.810000
J-267    -4.060000        6.450000 0.000000 0.000000 21510.900000
J-268    -4.560000        6.860000 0.000000 0.000000 2500.000000
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J-268-WEIR       -4.560000        7.160000 0.000000 0.000000 2500.000000
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J-275    -4.560000        7.100000 0.000000 0.000000 2500.000000
J-278    -3.560000        5.400000 0.000000 0.000000 2500.000000
J-27A    -3.560000        13.560000        0.000000 0.000000 2500.000000
J-280    -3.560000        5.600000 0.000000 0.000000 2500.000000
J-281    -3.560000        5.600000 0.000000 0.000000 2500.000000
J-282    -3.560000        5.900000 0.000000 0.000000 11694.000000
J-283    -3.560000        5.900000 0.000000 0.000000 2500.000000
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J-284-WEIR       -3.560000        13.560000        0.000000 0.000000 2500.000000
J-285    -4.560000        6.900000 0.000000 0.000000 2500.000000
J-286    -4.060000        6.350000 0.000000 0.000000 2500.000000
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J-288A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-290    -3.560000        6.400000 0.000000 0.000000 12038.740000
J-290A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-293    -3.560000        6.400000 0.000000 0.000000 2500.000000
J-295    -3.560000        6.500000 0.000000 0.000000 2500.000000
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J-297    -3.560000        5.850000 0.000000 0.000000 2500.000000
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J-301    -4.060000        6.350000 0.000000 0.000000 2500.000000
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J-314A   -3.560000        13.560000        0.000000 0.000000 2500.000000
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J-321A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-323    -3.560000        5.950000 0.000000 0.000000 2500.000000
J-324    -3.560000        6.100000 0.000000 0.000000 2700.000000
J-324A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-327    -3.560000        5.950000 0.000000 0.000000 2500.000000
J-328    -3.560000        5.900000 0.000000 0.000000 6474.870000
J-328A   -3.560000        13.560000        0.000000 0.000000 2500.000000
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J-341    -3.560000        6.050000 0.000000 0.000000 36740.000000
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J-343    -4.060000        6.650000 0.000000 0.000000 2500.000000
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J-351    -3.560000        6.120000 0.000000 0.000000 7834.000000
J-351A   -3.560000        7.000000 0.000000 0.000000 2500.000000
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J-368    -3.560000        6.400000 0.000000 0.000000 19390.290000
J-369    -3.560000        6.750000 0.000000 0.000000 2500.000000
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J-380    -4.060000        7.400000 0.000000 0.000000 18821.730000
J-380A   -3.560000        13.560000        0.000000 0.000000 2500.000000
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J-40     -3.560000        6.220000 0.000000 0.000000 14039.070000
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J-40B    -3.560000         13.560000         0.000000 0.000000 2500.000000
J-40C    -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-415A   -3.560000         13.560000         0.000000 0.000000 2500.000000
J-415B   -3.560000         13.560000         0.000000 0.000000 2500.000000
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J-454    -3.560000         6.560000 0.000000 0.000000 2500.000000
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J-459    -3.990000         5.990000 0.000000 0.000000 65960.130000
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J-463    -3.560000         5.560000 0.000000 0.000000 2500.000000
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J-54B    -3.560000        13.560000        0.000000 0.000000 2500.000000
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J-561    -4.000000        8.000000 0.000000 0.000000 2500.000000
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J-563A   -3.560000        13.560000        0.000000 0.000000 2500.000000
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J-566    -5.060000        8.060000 0.000000 0.000000 2500.000000
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J-572B   -3.560000        13.560000        0.000000 0.000000 2500.000000
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J-59B    -4.760000        14.760000        0.000000 0.000000 2500.000000
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J-603    -3.560000        6.560000 0.000000 0.000000 2500.000000
J-604    -3.560000        5.560000 0.000000 0.000000 2500.000000
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J-613    -3.560000        6.300000 0.000000 0.000000 2500.000000
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J-692    -2.560000        5.860000 0.000000 0.000000 2500.000000
J-692-WEIR       -2.560000        5.860000 0.000000 0.000000 2500.000000
J-693    -2.560000        6.560000 0.000000 0.000000 2500.000000
J-697    -3.560000        7.560000 0.000000 0.000000 2500.000000
J-7      -4.560000        6.900000 0.000000 0.000000 2500.000000
J-700    -3.560000        6.850000 0.000000 0.000000 28498.000000
J-701    -3.560000        6.800000 0.000000 0.000000 2500.000000
J-702    -3.560000        6.810000 0.000000 0.000000 2500.000000
J-705    -3.560000        7.050000 0.000000 0.000000 2500.000000
J-707    -3.560000        6.750000 0.000000 0.000000 2500.000000
J-710    -3.560000        6.850000 0.000000 0.000000 28376.000000
J-712    -3.560000        6.850000 0.000000 0.000000 22628.070000
J-714    -3.560000        6.850000 0.000000 0.000000 27138.740000
J-719    -3.560000        6.850000 0.000000 0.000000 15352.470000
J-72     -3.560000        6.560000 0.000000 0.000000 2500.000000
J-721    -3.560000        6.860000 0.000000 0.000000 2500.000000
J-725    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-728    -3.560000        6.850000 0.000000 0.000000 20577.140000
J-73     -3.560000        6.560000 0.000000 0.000000 2500.000000
J-734    -3.560000        6.850000 0.000000 0.000000 12826.060000
J-734A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-734B   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-735    -3.560000        6.560000 0.000000 0.000000 2500.000000
J-736    -3.560000        6.860000 0.000000 0.000000 2500.000000
J-74     -3.560000        6.560000 0.000000 0.000000 9928.000000
J-740    -4.760000        6.107000 0.000000 0.000000 2500.000000
J-741    -4.760000        6.493000 0.000000 0.000000 2500.000000
J-744    -4.760000        5.901000 0.000000 0.000000 2500.000000
J-745    -4.760000        5.889000 0.000000 0.000000 2500.000000
J-745A   -3.560000        7.000000 0.000000 0.000000 2500.000000
J-748    -4.760000        6.194000 0.000000 0.000000 2500.000000
J-748-WEIR-STANTEC       -4.760000        6.194000 0.000000 0.000000 2500.000000
J-748A   -3.560000        7.000000 0.000000 0.000000 2500.000000
J-749    -4.760000        6.256000 0.000000 0.000000 2500.000000
J-750    -4.760000        7.215000 0.000000 0.000000 14346.200000
J-750A   -3.560000        7.000000 0.000000 0.000000 2500.000000
J-751    -4.910000        6.492000 0.000000 0.000000 2500.000000
J-752    -5.360000        6.762000 0.000000 0.000000 2500.000000
J-753    -5.473000        6.920000 0.000000 0.000000 2500.000000
J-754    -5.571000        6.952000 0.000000 0.000000 15814.380000
J-754-WEIR-STANTEC       -5.360000        6.762000 0.000000 0.000000 2500.000000
J-754A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-755    -3.560000        6.400000 0.000000 0.000000 2500.000000
J-757    -5.560000        8.450000 0.000000 0.000000 18502.160000
J-760    -3.560000        5.457000 0.000000 0.000000 2500.000000
J-761    -4.560000        7.052000 0.000000 0.000000 2500.000000
J-763    -5.060000        8.060000 0.000000 0.000000 37568.600000
J-764    -5.060000        7.400000 0.000000 0.000000 2500.000000
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J-766    -3.560000        6.850000 0.000000 0.000000 12336.840000
J-766A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-768    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-769    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-77     -3.560000        5.950000 0.000000 0.000000 2500.000000
J-771    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-772    -3.560000        6.860000 0.000000 0.000000 2500.000000
J-774    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-776    -3.560000        6.850000 0.000000 0.000000 11315.120000
J-778    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-77A    -3.560000        13.560000        0.000000 0.000000 2500.000000
J-77B    -3.560000        13.560000        0.000000 0.000000 2500.000000
J-780    -3.560000        6.860000 0.000000 0.000000 2500.000000
J-782    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-784    -3.560000        6.850000 0.000000 0.000000 17310.070000
J-786    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-788    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-790    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-792    -3.560000        6.860000 0.000000 0.000000 2500.000000
J-793    -3.560000        6.850000 0.000000 0.000000 6044.330000
J-795    -3.560000        6.850000 0.000000 0.000000 2500.000000
J-799    -3.600000        7.040000 0.000000 0.000000 2500.000000
J-799-WEIR-EAC   -3.600000        7.040000 0.000000 0.000000 2500.000000
J-80     -3.560000        6.560000 0.000000 0.000000 16203.440000
J-800    -3.600000        6.240000 0.000000 0.000000 2500.000000
J-802    -3.600000        6.140000 0.000000 0.000000 2500.000000
J-806    -3.600000        6.140000 0.000000 0.000000 2500.000000
J-809    -3.600000        6.190000 0.000000 0.000000 2992.240000
J-810    -3.600000        5.940000 0.000000 0.000000 2500.000000
J-813    -3.600000        6.040000 0.000000 0.000000 2500.000000
J-816    -3.600000        5.940000 0.000000 0.000000 26471.900000
J-819    -3.600000        6.140000 0.000000 0.000000 2500.000000
J-82     -4.060000        7.060000 0.000000 0.000000 2500.000000
J-822    -3.600000        6.040000 0.000000 0.000000 27135.030000
J-826    -3.600000        5.940000 0.000000 0.000000 31337.950000
J-829    -3.600000        6.140000 0.000000 0.000000 2500.000000
J-83     -4.060000        7.060000 0.000000 0.000000 14461.760000
J-831    -3.600000        6.090000 0.000000 0.000000 25597.450000
J-836    -3.600000        6.140000 0.000000 0.000000 22917.370000
J-838    -3.600000        5.940000 0.000000 0.000000 25628.020000
J-83A    -4.060000        14.060000        0.000000 0.000000 2500.000000
J-84     -4.060000        7.060000 0.000000 0.000000 2500.000000
J-841    -3.600000        5.740000 0.000000 0.000000 2500.000000
J-844    -3.600000        5.540000 0.000000 0.000000 45067.350000
J-848    -3.600000        6.040000 0.000000 0.000000 2500.000000
J-850    -3.600000        6.600000 0.000000 0.000000 2500.000000
J-851    -3.600000        6.290000 0.000000 0.000000 3393.710000
J-856    -9.000000        12.500000        0.000000 10.000000        2500.000000
J-860    -3.600000        5.690000 0.000000 0.000000 2632.190000
J-863    -3.600000        5.690000 0.000000 0.000000 2500.000000
J-865    -3.600000        6.140000 0.000000 0.000000 9388.280000
J-868    -3.600000        6.040000 0.000000 0.000000 2500.000000
J-87     -4.060000        6.500000 0.000000 0.000000 2500.000000
J-870    -3.600000        6.190000 0.000000 0.000000 14785.630000
J-879    -3.560000        7.060000 0.000000 10.000000        29246.160000
J-88     -4.060000        6.500000 0.000000 0.000000 2500.000000
J-880    -4.060000        5.660000 0.000000 0.000000 11978.020000
J-881    -3.560000        8.230000 0.000000 0.000000 2500.000000
J-882    -3.560000        5.560000 0.000000 0.000000 23663.500000
J-883    -5.560000        7.560000 0.000000 0.000000 2500.000000
J-884    -3.560000        5.560000 0.000000 0.000000 2500.000000
J-888    -3.560000        5.439000 0.000000 0.000000 2500.000000
J-889    -3.560000        5.516000 0.000000 0.000000 2500.000000
J-891    -3.560000        5.560000 0.000000 0.000000 522.120000
J-892    -3.560000        5.664000 0.000000 0.000000 2500.000000
J-894    -3.560000        5.321000 0.000000 0.000000 1207.190000
J-896    -3.560000        5.189000 0.000000 0.000000 2500.000000
J-899    -3.560000        5.660000 0.000000 0.000000 16105.000000
J-899A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-902    -4.462000        6.049000 0.000000 0.000000 2500.000000
J-903    -4.372000        6.840000 0.000000 0.000000 9536.400000
J-903A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-910    -3.560000        7.560000 0.000000 0.000000 26296.000000
J-912    -3.560000        7.560000 0.000000 0.000000 64525.790000
J-917    -3.500000        9.500000 0.000000 0.000000 2500.000000
J-918    -3.500000        6.540000 0.000000 0.000000 37468.710000
J-920    -4.000000        8.000000 0.000000 0.000000 2500.000000
J-934    -3.560000        5.643000 0.000000 0.000000 7798.960000
J-934A   -3.560000        13.560000        0.000000 0.000000 2500.000000
J-951    -3.560000        8.180000 0.000000 0.000000 16032.620000
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J-953    -3.560000        7.600000 0.000000 0.000000 2500.000000
J-954    -3.560000        7.000000 0.000000 0.000000 2500.000000
J-958    -1.360000        3.460000 0.000000 0.000000 10677.380000
J-96     -4.060000        7.060000 0.000000 0.000000 2500.000000
J-963    -4.560000        4.560000 0.000000 0.000000 2500.000000
J-99     -3.560000        5.600000 0.000000 0.000000 2500.000000
JCT-24   -3.560000        6.000000 0.000000 0.000000 2500.000000
JCT-26   -5.938000        8.000000 0.000000 0.000000 2500.000000
JCT-26-WEIR      -5.490000        7.552000 0.000000 0.000000 2500.000000
JCT-28   -4.060000        7.060000 0.000000 0.000000 46524.000000
JCT-28-WEIR      -3.560000        6.560000 0.000000 0.000000 2500.000000
JCT-30   -4.560000        4.560000 0.000000 0.000000 2500.000000
JCT-32   -3.560000        6.214000 0.000000 0.000000 21718.000000
JCT-32-WEIR      -3.560000        6.214000 0.000000 0.000000 2500.000000
JCT-36   -3.560000        7.360000 0.000000 10.000000        2500.000000
JCT-46   -3.560000        6.560000 0.000000 0.000000 2500.000000
JCT-64   -4.000000        6.500000 0.000000 0.000000 2500.000000

[OUTFALLS]
J-171    -4.000000        TIDAL    C-TIDE   NO
J-263    -4.000000        TIDAL    C-TIDE   NO
J-279    -4.000000        TIDAL    C-TIDE   NO
J-33A    -1.000000        FREE     NO
J-386    -1.000000        FREE     NO
J-442    -4.000000        TIDAL    C-TIDE   NO
J-561A   -4.000000        TIDAL    C-TIDE   NO
J-567A   -4.000000        FREE     NO
J-582    -5.490499        TIDAL    C-TIDE   NO
J-605    -4.000000        TIDAL    C-TIDE   NO
J-671    -4.000000        TIDAL    C-TIDE   NO
J-694    -4.000000        TIDAL    C-TIDE   NO
J-703    -4.000000        TIDAL    C-TIDE   NO
J-909    -4.000000        TIDAL    C-TIDE   NO
J-911    -4.000000        TIDAL    C-TIDE   NO
J-913    -4.000000        TIDAL    C-TIDE   NO
J-919    -4.000000        TIDAL    C-TIDE   NO
J-920A   -4.000000        TIDAL    C-TIDE   NO
J-963A   -2.560000        TIDAL    C-TIDE   NO
J575A    -4.000000        TIDAL    C-TIDE   NO
OFALL-10 -1.500000        FREE     NO
OFALL-12 -1.000000        FREE     NO
OFALL-14 -1.000000        FREE     NO
OFALL-16 -1.500000        FREE     NO
OFALL-18 -1.000000        FREE     NO
OFALL-20 -1.000000        FREE     NO
OFALL-22 -1.000000        FREE     NO
OFALL-24 -1.000000        FREE     NO
OFALL-26 -1.000000        FREE     NO
OFALL-28 -1.000000        FREE     NO
OFALL-30 -2.000000        FREE     NO
OFALL-32 -1.000000        FREE     NO
OFALL-34 -1.000000        FREE     NO
OFALL-36 -1.000000        FREE     NO
OFALL-38 -2.560000        FREE     NO
OFALL-40 -1.000000        FREE     NO
OFALL-42 -1.000000        FREE     NO
OFALL-44 -2.500000        FREE     NO
OFALL-46 -1.000000        FREE     NO
OFALL-48 -1.000000        FREE     NO
OFALL-50 -1.000000        FREE     NO
OFALL-52 -1.000000        FREE     NO
OFALL-54 -1.000000        FREE     NO
OFALL-66 -1.000000        FREE     NO
WELL-2E  -2.500000        STAGEFLOW        2E       NO
WELL-3   -1.500000        STAGEFLOW        3W       NO
WELL-4   -1.500000        STAGEFLOW        4E       NO
WELL-W-ENID-DR   -1.000000        FREE     NO

[DIVIDERS]

[STORAGE]
J-856-STORAGE-NEW-16.000000       19.000000        0.000000 TABULAR  WET-WELL 0.000000 0.000000

[CONDUITS]
C-WELL3W JCT-36   WELL-3   36.227466        0.012000 2.360000 0.000000 0.000000 0.000000
C-WELL4E JCT-36   WELL-4   46.598435        0.012000 2.360000 0.000000 0.000000 0.000000
CDT-101  J-188A   J-188    20.000000        0.012000 0.000000 0.500000 0.000000 0.000000
CDT-103  J-191    J-191A   20.000000        0.012000 0.000000 0.000000 0.000000 0.000000
CDT-105  J-341    J-341A   20.000000        0.012000 0.000000 0.000000 0.000000 0.000000
CDT-107  J-745A   J-745    20.000000        0.012000 0.000000 1.200000 0.000000 0.000000
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CDT-109	J-748A	J-748	20.000000	0.012000	0.000000	1.200000	0.000000	0.000000	
CDT-11	JCT-26	J-581	239.802903	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-111	J-750A	J-750	20.000000	0.012000	0.000000	1.200000	0.000000	0.000000	
CDT-113	J-351A	J-351	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-115	J-195A	J-195	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-121	JCT-46	WELL-2E	3.736669	0.012000	0.000000	-1.060000	0.000000	0.000000	
CDT-123	J-354B	J-354A	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-125	J-355A	J-355	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-171	J-455	J-459	310.140000	0.012000	1.310000	0.430000	0.000000	0.000000	
CDT-173	J-596A	J-757	10.000000	0.012000	2.000000	2.000000	0.000000	0.000000	
CDT-175	J-611A	J-611	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-177	J-611B	J-611	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-179	J-598B	J-598	10.000000	0.012000	1.310000	0.000000	0.000000	0.000000	
CDT-181	J-572A	JCT-28	10.000000	0.012000	0.000000	0.500000	0.000000	0.000000	
CDT-183	J-585B	J-585	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-185	JCT-28	J-572B	10.000000	0.012000	0.500000	0.000000	0.000000	0.000000	
CDT-187	J-591B	J-591	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-189	J-591	J-591A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-191	J-598A	J-598	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-193	J-5	J-5A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-195	J-673A	J-673	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-197	J-654	J-654A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-199	J-19A	J-18	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-201	J-25A	J-25	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-205	J-653	J-653A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-207	J-563	J-563A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-209	J-571A	J-571	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-211	J-571	J-571B	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-213	J-288A	J-288	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-215	J-290	J-290A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-217	J-15	J-15A	10.000000	0.012000	0.000000	-0.500000	0.000000	0.000000	0.000000
CDT-219	J-328	J-328A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-221	J-314A	J-314	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-223	J-27A	J-27	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-225	J-321A	J-321	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-227	J-647	J-647A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-229	J-40B	J-40	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-231	J-40	J-40C	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-233	J-42A	J-42	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-235	J-647	J-647B	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-237	J-61A	J-61	10.000000	0.012000	-1.200000	0.000000	0.000000	0.000000	0.000000
CDT-239	J-58A	J-58	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-241	J-40A	J-40	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-243	J-54A	J-54	10.000000	0.012000	-1.200000	0.000000	0.000000	0.000000	0.000000
CDT-245	J-54	J-54B	10.000000	0.012000	0.000000	-1.200000	0.000000	0.000000	0.000000
CDT-247	J-624	J-624A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-249	J-899A	J-899	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-251	J-324A	J-324	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-253	J-31A	J-31	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-255	J-59A	J-59	100.471530	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-257	J-59B	J-59	73.386565	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-259	J-77A	J-77	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-261	J-83A	J-83	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-263	J-498A	J-498	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-265	J-734	J-734B	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-267	J-734	J-734A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-269	J-766A	J-766	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-271	J-430A	J-430	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-273	J-431A	J-431	10.000000	0.012000	0.000000	1.982000	0.000000	0.000000	
CDT-275	J-158	J-158A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-277	J-415A	J-415	10.000000	0.012000	0.000000	1.600000	0.000000	0.000000	
CDT-279	J-431	J-432B	10.000000	0.012000	1.982000	0.000000	0.000000	0.000000	
CDT-281	J-415B	J-415	10.000000	0.012000	0.000000	1.600000	0.000000	0.000000	
CDT-283	J-77	J-77B	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-285	J-402A	J-402	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-287	J-422	J-422A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-289	J-380	J-380A	10.000000	0.012000	0.500000	0.000000	0.000000	0.000000	
CDT-291	J-459	J-459A	10.000000	0.012000	0.430000	0.000000	0.000000	0.000000	
CDT-293	J-423A	J-423	10.000000	0.012000	0.000000	1.500000	0.000000	0.000000	
CDT-295	J-754	J-754A	10.000000	0.012000	2.011000	0.000000	0.000000	0.000000	
CDT-297	J-934	J-934A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-299	J-903A	J-903	10.000000	0.012000	0.000000	0.812000	0.000000	0.000000	
CDT-439	J-238	JCT-64	134.625802	0.012000	1.000000	0.440000	0.000000	0.000000	
CDT-493	J-571	J-288	363.100795	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-495	J-288	J-284	107.419954	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-525	J-539	J-539A	10.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-539	J-479	J-470	747.101643	0.012000	1.064000	0.000000	0.000000	0.000000	
CDT-87	J-856	J-856-STORAGE-NEW	3.189517	0.012000	5.400000	12.400000	0.000000	0.000000	0.000000
CDT-91	J-126	J-126A	20.000000	0.012000	0.000000	0.000000	0.000000	0.000000	
CDT-93	J-223	J-223A	20.000000	0.012000	1.500000	0.000000	0.000000	0.000000	

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CDT-95   J-180    J-180A   20.000000        0.012000 0.000000 0.000000 0.000000 0.000000
CDT-97   J-185A   J-185    20.000000        0.012000 0.000000 0.500000 0.000000 0.000000
CDT-99   J-213A   J-213    20.000000        0.012000 0.000000 0.000000 0.000000 0.000000
J-963_OUTFALL     J-693    J-963A   15.000000        0.012000 0.000000 0.000000 0.000000 0.000000
J561_OUTFALL      J-561    J-561A   15.000000        0.012000 0.000000 0.000000 0.000000 0.000000
J575_OUTFALL      J-575    J575A    15.000000        0.012000 0.000000 0.000000 0.000000 0.000000
J920_OUTFALL      J-920    J-920A   15.000000        0.012000 0.000000 0.000000 0.000000 0.000000
LINK-WELL-2       J-879    JCT-36   118.306169       0.012000 0.000000 0.000000 0.000000 0.000000
U-1      J-5      J-565    200.512385       0.012000 0.000000 0.000000 0.000000 0.000000
U-100    J-170    J-169    219.419864       0.012000 0.000000 0.000000 0.000000 0.000000
U-101    J-164    J-165    102.446759       0.012000 0.000000 0.000000 0.000000 0.000000
U-102    J-169    J-168    197.685935       0.012000 0.000000 0.000000 0.000000 0.000000
U-103    J-165    J-166    171.497204       0.012000 0.000000 0.000000 0.000000 0.000000
U-104    J-168    J-167    33.243851        0.012000 0.000000 0.000000 0.000000 0.000000
U-105    J-166    J-167    50.643132        0.012000 0.000000 0.000000 0.000000 0.000000
U-106    J-167    J-171    236.682081       0.012000 0.000000 0.000000 0.000000 0.000000
U-11     J-12     J-11     19.277000        0.012000 0.000000 0.000000 0.000000 0.000000
U-110    J-84     J-83     46.553961        0.012000 0.000000 0.000000 0.000000 0.000000
U-112    J-82     J-83     31.113550        0.012000 0.000000 0.000000 0.000000 0.000000
U-113    J-761    J-104    391.545823       0.012000 0.500000 0.500000 0.000000 0.000000
U-114    J-188    J-82     298.407251       0.012000 0.000000 0.000000 0.000000 0.000000
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U-125    J-96     J-102    209.500000       0.012000 0.500000 1.000000 0.000000 0.000000
U-129    J-99     J-102    26.867000        0.012000 0.000000 1.000000 0.000000 0.000000
U-13     J-11     J-7      229.686000       0.012000 0.000000 0.000000 0.000000 0.000000
U-131    J-180    J-99     224.766782       0.012000 0.000000 0.000000 0.000000 0.000000
U-141    J-213    J-212    162.826343       0.012000 0.000000 0.000000 0.000000 0.000000
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U-147    J-195    J-198    262.047400       0.012000 0.000000 0.000000 0.000000 0.000000
U-15     J-15     J-11     218.802000       0.012000 -0.500000        0.000000 0.000000 0.000000
U-150    J-198    J-199    227.296439       0.012000 0.000000 0.000000 0.000000 0.000000
U-153    J-199    J-204    73.213902        0.012000 0.000000 0.000000 0.000000 0.000000
U-155    J-204    J-203    19.747083        0.012000 0.000000 0.000000 0.000000 0.000000
U-156    J-203    J-206    195.994115       0.012000 0.000000 0.000000 0.000000 0.000000
U-158    J-206    J-208    51.880602        0.012000 0.000000 0.000000 0.000000 0.000000
U-16     J-25     J-18     242.370364       0.012000 0.000000 0.000000 0.000000 0.000000
U-160    J-209    J-208    278.076192       0.012000 0.000000 0.000000 0.000000 0.000000
U-161    J-217    J-218    74.360000        0.012000 4.133000 3.576000 0.000000 0.000000
U-165    J-324    J-323    178.514880       0.012000 0.000000 0.000000 0.000000 0.000000
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U-172    J-317    J-312    249.492000       0.012000 0.000000 0.000000 0.000000 0.000000
U-176    J-314    J-312    173.180000       0.012000 0.000000 0.000000 0.000000 0.000000
U-177    J-312    J-310    96.610000        0.012000 0.000000 0.000000 0.000000 0.000000
U-18     J-24     J-25     34.052948        0.012000 0.000000 0.000000 0.000000 0.000000
U-181    J-310    J-305    290.302000       0.012000 0.000000 0.500000 0.000000 0.000000
U-184    J-305    J-304    94.163000        0.012000 0.500000 0.500000 0.000000 0.000000
U-186    J-304    J-300    139.074000       0.012000 0.500000 0.500000 0.000000 0.000000
U-191    J-290    J-293    180.063678       0.012000 0.000000 0.000000 0.000000 0.000000
U-193    J-293    J-295    32.900646        0.012000 0.000000 0.000000 0.000000 0.000000
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U-197    J-297    J-300    25.841000        0.012000 0.000000 0.500000 0.000000 0.000000
U-199    J-300    J-301    33.033000        0.012000 0.500000 0.500000 0.000000 0.000000
U-20     J-27     J-24     202.181471       0.012000 0.000000 0.000000 0.000000 0.000000
U-200    J-301    J-286    98.280000        0.012000 0.500000 0.500000 0.000000 0.000000
U-201    J-286    J-285    120.744000       0.012000 0.500000 1.000000 0.000000 0.000000
U-202    J-275    J-285    67.272000        0.012000 1.000000 1.000000 0.000000 0.000000
U-203    J-285    J-284    61.135000        0.012000 1.000000 0.000000 0.000000 0.000000
U-204    J-283    J-284    31.881000        0.012000 0.000000 0.000000 0.000000 0.000000
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U-208    J-282    J-281    58.201898        0.012000 0.000000 0.000000 0.000000 0.000000
U-211    J-281    J-280    188.232057       0.012000 0.000000 0.000000 0.000000 0.000000
U-213    J-280    J-278    112.480002       0.012000 0.000000 0.000000 0.000000 0.000000
U-214    J-278    J-279    95.320134        0.012000 0.000000 0.000000 0.000000 0.000000
U-22     J-647    J-36     113.681000       0.012000 0.000000 0.000000 0.000000 0.000000
U-220    J-275    J-268    182.901000       0.012000 0.000000 0.000000 0.000000 0.000000
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U-227    J-244    J-247    83.565000        0.012000 0.000000 0.000000 0.000000 0.000000
U-228    J-247    J-248    222.636458       0.012000 0.000000 0.000000 0.000000 0.000000
U-231    J-248    J-249    30.579487        0.012000 0.000000 0.000000 0.000000 0.000000
U-232    J-249    J-269    293.098408       0.012000 0.000000 0.000000 0.000000 0.000000
U-233    J-267    J-268    273.287000       0.012000 0.500000 1.000000 0.000000 0.000000
U-237    J-242    J-238    330.766000       0.012000 0.000000 1.000000 0.000000 0.000000
U-239    J-238    J-249    315.994000       0.012000 1.000000 0.000000 0.000000 0.000000
U-240    J-235    JCT-64   118.142775       0.012000 0.000000 0.440000 0.000000 0.000000
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U-242	J-233	J-235	21.848000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-244	J-235	J-208	249.267864	0.012000	0.000000	0.000000	0.000000	0.000000	
U-245	J-232	J-233	159.330364	0.012000	0.000000	0.000000	0.000000	0.000000	
U-249	J-226	J-232	144.440992	0.012000	0.000000	0.000000	0.000000	0.000000	
U-25	J-36	J-33	15.028000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-251	J-225	J-226	49.694517	0.012000	0.000000	0.000000	0.000000	0.000000	
U-253	J-223	J-225	200.307000	0.012000	1.500000	0.000000	0.000000	0.000000	
U-254	J-218	J-222	263.045000	0.012000	3.576000	1.606000	0.000000	0.000000	
U-256	J-222	J-223	14.178000	0.012000	1.606000	1.500000	0.000000	0.000000	
U-259	J-266	J-267	49.741000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-26	J-33	J-31	216.194000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-260	J-261	J-266	278.976000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-261	J-260	J-261	36.447717	0.012000	3.300000	3.300000	0.000000	0.000000	
U-262-NEW		J-261-WEIR	J-262	17.314000		0.012000	3.300000	3.300000	0.000000	0.000000
U-263	J-262	J-263	96.061462	0.012000	3.300000	0.000000	0.000000	0.000000	
U-265	J-259	J-260	35.103169	0.012000	0.000000	3.300000	0.000000	0.000000	
U-267	J-253	J-254	185.553945	0.012000	0.000000	0.000000	0.000000	0.000000	
U-270	J-254	J-256	134.774970	0.012000	0.000000	0.000000	0.000000	0.000000	
U-271	J-256	J-259	182.290428	0.012000	0.000000	0.000000	0.000000	0.000000	
U-274	J-327	J-25	37.169311	0.012000	0.000000	0.000000	0.000000	0.000000	
U-277	J-328	J-327	212.958938	0.012000	0.000000	0.000000	0.000000	0.000000	
U-28	J-31	J-30	106.164523	0.012000	0.000000	0.000000	0.000000	0.000000	
U-280	J-341	J-335	405.226846	0.012000	0.000000	0.000000	0.000000	0.000000	
U-286	J-191	J-333	307.493574	0.012000	0.000000	0.000000	0.000000	0.000000	
U-289	J-333	J-80	303.945884	0.012000	0.000000	0.000000	0.000000	0.000000	
U-29	J-30	J-27	195.204363	0.012000	0.000000	0.000000	0.000000	0.000000	
U-290	J-335	J-334	170.285877	0.012000	0.000000	0.000000	0.000000	0.000000	
U-291	J-334	J-72	159.776000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-293	J-80	J-77	32.168062	0.012000	0.000000	0.000000	0.000000	0.000000	
U-294	J-77	J-73	205.082674	0.012000	0.000000	0.000000	0.000000	0.000000	
U-295	J-73	J-72	34.443000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-298	J-74	J-72	39.854000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-299	J-72	J-63	35.418000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-300	J-63	J-64	25.821024	0.012000	0.000000	0.000000	0.000000	0.000000	
U-304	J-64	J-67	199.163166	0.012000	0.000000	0.000000	0.000000	0.000000	
U-308	J-67A	J-342	233.378129	0.012000	0.000000	0.000000	0.000000	0.000000	
U-308A	J-67A	J-67	65.604329	0.012000	0.000000	0.000000	0.000000	0.000000	
U-309	J-399	J-74	188.993895	0.012000	0.000000	0.000000	0.000000	0.000000	
U-312	J-342	J-362	300.863408	0.012000	0.000000	0.000000	0.000000	0.000000	
U-315	J-362	J-363	133.021697	0.012000	0.000000	0.000000	0.000000	0.000000	
U-316	J-363	J-364	69.057172	0.012000	0.000000	0.000000	0.000000	0.000000	
U-319	J-364	J-374	225.122613	0.012000	0.000000	0.000000	0.000000	0.000000	
U-322	J-374	J-380	222.640000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-325	J-380	J-381	269.111000	0.012000	0.500000	1.500000	0.000000	0.000000	
U-327	J-381	J-384	252.658000	0.012000	1.500000	1.000000	0.000000	0.000000	
U-328	J-375	J-384	330.087000	0.012000	0.500000	1.000000	0.000000	0.000000	
U-330	J-384	J-385	157.726000	0.012000	0.000000	-1.000000		0.000000	0.000000
U-332	J-385	J-388	164.167000	0.012000	-1.000000		0.000000	0.000000	0.000000
U-335	J-393	J-389	188.327152	0.012000	0.000000	0.000000	0.000000	0.000000	
U-337	J-389	J-388	54.830000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-34	J-40	J-632	344.622222	0.012000	0.000000	0.000000	0.000000	0.000000	
U-341	J-388	J-417	250.537720	0.012000	0.000000	0.000000	0.000000	0.000000	
U-344	J-396	J-393	333.879752	0.012000	0.000000	0.000000	0.000000	0.000000	
U-345	J-399	J-396	316.095066	0.012000	0.000000	0.000000	0.000000	0.000000	
U-346	J-368	J-367	25.955315	0.012000	0.000000	0.000000	0.000000	0.000000	
U-347	J-367	J-67	357.117268	0.012000	0.000000	0.000000	0.000000	0.000000	
U-348	J-368	J-369	228.747187	0.012000	0.000000	0.000000	0.000000	0.000000	
U-35	J-760	J-618	305.693143	0.012000	0.000000	0.000000	0.000000	0.000000	
U-351	J-369	J-375	288.275000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-352	J-175	J-174	242.033000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-353	J-174	J-160	41.105000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-354	J-160	J-176	155.970787	0.012000	0.000000	0.000000	0.000000	0.000000	
U-357	J-176	J-179	223.939000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-358	J-179	J-84	40.356000	0.012000	0.500000	0.500000	0.000000	0.000000	
U-364	J-354	J-355	308.400847	0.012000	0.000000	0.000000	0.000000	0.000000	
U-364A	J-354A	J-354	249.866008	0.012000	0.000000	0.000000	0.000000	0.000000	
U-366	J-351	J-348	369.341201	0.012000	0.000000	0.000000	0.000000	0.000000	
U-37	J-42	J-888	19.586559	0.012000	0.000000	0.000000	0.000000	0.000000	
U-372	J-348	J-67	317.808094	0.012000	0.000000	0.000000	0.000000	0.000000	
U-373	J-359	J-343	132.480029	0.012000	0.000000	0.000000	0.000000	0.000000	
U-376	J-343	J-342	32.086634	0.012000	0.000000	0.000000	0.000000	0.000000	
U-379	J-402	J-405	314.114124	0.012000	0.000000	0.000000	0.000000	0.000000	
U-38	J-760	J-42	21.503211	0.012000	0.000000	0.000000	0.000000	0.000000	
U-382	J-405	J-407	218.061493	0.012000	0.000000	0.000000	0.000000	0.000000	
U-385	J-407	J-409	249.314000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-386	J-409	J-410	41.316558	0.012000	0.000000	0.000000	0.000000	0.000000	
U-388	J-415	J-414	95.288000	0.012000	1.600000	0.000000	0.000000	0.000000	
U-390	J-414	J-416	29.409000	0.012000	0.000000	1.000000	0.000000	0.000000	
U-391	J-416	J-412	176.779000	0.012000	0.000000	-1.000000		0.000000	0.000000
U-392	J-410	J-412	34.264000	0.012000	-0.500000		-1.000000	0.000000	0.000000

U-394	J-412	J-417	267.291000	0.012000	-1.000000		0.000000	0.000000	0.000000
U-397	J-422	J-421	359.083217	0.012000	0.000000	0.000000	0.000000	0.000000	
U-398	J-421	J-417	164.787000	0.012000	0.000000	1.000000	0.000000	0.000000	
U-399	J-417	J-423	233.527000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-402	J-430	J-427	235.578009	0.012000	0.000000	0.000000	0.000000	0.000000	
U-404	J-427	J-424	56.370635	0.012000	0.000000	0.000000	0.000000	0.000000	
U-406	J-424	J-423	270.427000	0.012000	0.000000	1.500000	0.000000	0.000000	
U-407	J-431	J-432	27.996000	0.012000	1.982000	1.819000	0.000000	0.000000	
U-408	J-432	J-433	317.943000	0.012000	1.819000	-0.030000		0.000000	0.000000
U-409	J-433	J-434	55.128000	0.012000	-0.030000		0.000000	0.000000	0.000000
U-411	J-434	J-435	189.035000	0.012000	0.000000	0.000000	0.000000	0.000000	
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U-413	J-436	J-437	43.501000	0.012000	0.000000	0.000000	0.000000	0.000000	
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U-415	J-438	J-439	57.310000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-416	J-439	J-441	492.036000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-417	J-441	J-440	63.978847	0.012000	1.700000	3.200000	0.000000	0.000000	
U-418	J-763	J-440	428.657000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-419	J-440	J-442	36.254000	0.012000	0.000000	-1.060000		0.000000	0.000000
U-420	J-498	J-499	48.438000	0.012000	0.000000	0.000000	0.000000	0.000000	
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U-423	J-500	J-505	215.569000	0.012000	0.000000	0.000000	0.000000	0.000000	
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U-434	J-512	J-518	261.687390	0.012000	0.000000	0.000000	0.000000	0.000000	
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U-439	J-497	J-493	130.050000	0.012000	0.000000	0.000000	0.000000	0.000000	
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U-440	J-493	J-492	256.995152	0.012000	0.000000	0.654000	0.000000	0.000000	
U-441	J-492	J-491	283.102323	0.012000	0.654000	1.220000	0.000000	0.000000	
U-443	J-491	J-489	113.399387	0.012000	1.220000	1.300000	0.000000	0.000000	
U-445	J-489	J-487	242.800953	0.012000	1.300000	0.910000	0.000000	0.000000	
U-447	J-484	J-485	25.969315	0.012000	0.000000	0.000000	0.000000	0.000000	
U-448	J-485	J-486	85.122733	0.012000	0.000000	0.541000	0.000000	0.000000	
U-449	J-487	J-486	158.389258	0.012000	0.910000	0.541000	0.000000	0.000000	
U-45	J-50	J-47	329.828680	0.012000	0.000000	0.000000	0.000000	0.000000	
U-450	J-486	J-482	133.310252	0.012000	0.541000	1.400000	0.000000	0.000000	
U-451	J-482	J-481	241.647320	0.012000	1.400000	1.140000	0.000000	0.000000	
U-452	J-481	J-480	248.653529	0.012000	1.140000	1.250000	0.000000	0.000000	
U-454	J-480	J-478	143.711401	0.012000	1.250000	1.099000	0.000000	0.000000	
U-456	J-478	J-479	32.465628	0.012000	1.099000	1.064000	0.000000	0.000000	
U-463	J-470	J-471	219.212819	0.012000	2.460000	0.439000	0.000000	0.000000	
U-464	J-471	J-466	234.893630	0.012000	0.439000	0.107000	0.000000	0.000000	
U-466	J-466	J-463	216.419000	0.012000	0.000000	1.360000	0.000000	0.000000	
U-468	J-468	J-958	38.150263	0.012000	3.406000	0.000000	0.000000	0.000000	
U-468-NEW		J-468	J-539-WEIR	153.281000		0.012000	3.406000	3.438000	0.000000	0.000000
U-469	J-958	J-466	66.212985	0.012000	0.000000	0.107000	0.000000	0.000000	
U-47	J-544	J-50	386.652219	0.012000	0.004000	0.000000	0.000000	0.000000	
U-48	J-53	J-54	45.619584	0.012000	0.000000	0.000000	0.000000	0.000000	
U-481	J-534	JCT-24	204.201000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-483	J-537	J-534	181.940000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-486	J-539	J-537	204.379252	0.012000	3.438000	3.480000	0.000000	0.000000	
U-489	J-541	J-958	381.214216	0.012000	3.760000	0.000000	0.000000	0.000000	
U-492	J-493	J-544	341.125734	0.012000	0.000000	0.004000	0.000000	0.000000	
U-495	J-559	J-561	155.793465	0.012000	0.560000	0.000000	0.000000	0.000000	
U-496	J-560	J-559	63.058233	0.012000	0.560000	0.560000	0.000000	0.000000	
U-497	J-557	J-558	61.686331	0.012000	4.948000	3.984000	0.000000	0.000000	
U-498	J-558	J-555	165.406286	0.012000	3.984000	1.400000	0.000000	0.000000	
U-5	J-6	J-5	32.733362	0.012000	0.000000	0.000000	0.000000	0.000000	
U-50	J-54	J-58	242.693628	0.012000	0.000000	0.000000	0.000000	0.000000	
U-500	J-555	J-554	23.230077	0.012000	0.000000	0.000000	0.000000	0.000000	
U-501	J-554	J-560	164.969129	0.012000	1.037000	0.560000	0.000000	0.000000	
U-502	J-553	J-554	45.005831	0.012000	0.000000	0.000000	0.000000	0.000000	
U-503	J-550	J-553	362.347950	0.012000	2.160000	0.000000	0.000000	0.000000	
U-507	J-548	J-550	215.243990	0.012000	2.130000	2.160000	0.000000	0.000000	
U-509	J-51	J-548	246.397312	0.012000	0.000000	2.130000	0.000000	0.000000	
U-513	J-454	J-448	324.841000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-514	J-455	J-454	208.844000	0.012000	1.360000	2.110000	0.000000	0.000000	
U-518-NEW		J-460-NEW	J-459	329.446000		0.012000	1.030000	1.460000	0.000000	0.000000
U-519-NEW		J-463	J-460-NEW	262.559695		0.012000	1.360000	1.030000	0.000000	0.000000
U-522	J-571	J-570	158.779085	0.012000	3.330000	3.330000	0.000000	0.000000	
U-523	J-570	J-566	103.144000	0.012000	0.000000	1.500000	0.000000	0.000000	
U-524-NEW		J-566-WEIR	J-569	25.318000		0.012000	0.000000	1.186000	0.000000	0.000000
U-525	J-569	J-568	50.925000	0.012000	2.686000	5.070000	0.000000	0.000000	
U-526	J-568	J-567	192.799000	0.012000	5.070000	0.440000	0.000000	0.000000	
U-527	J-568	J-567	194.171000	0.012000	5.070000	0.440000	0.000000	0.000000	
U-53	J-58	J-61	196.790492	0.012000	0.000000	0.000000	0.000000	0.000000	
U-530	J-563	J-565	205.583309	0.012000	0.000000	0.000000	0.000000	0.000000	
U-531	J-764	J-566	179.720000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-533	J-591	JCT-26	66.511059	0.012000	0.000000	0.000000	0.000000	0.000000	

U-534-NEW	JCT-26-WEIR	J-582	180.000000	0.012000	0.000000	0.000499	0.000000	0.000000	
U-537	J-757	J-591	202.895220	0.012000	0.000000	0.000000	0.000000	0.000000	
U-538	J-588	J-755	295.399616	0.012000	0.000000	0.000000	0.000000	0.000000	
U-54	J-59	J-60	259.769849	0.012000	0.000000	0.000000	0.000000	0.000000	
U-543	J-585	J-588	296.449644	0.012000	0.000000	0.000000	0.000000	0.000000	
U-545	J-576	JCT-28	237.277949	0.012000	0.000000	0.000000	0.000000	0.000000	
U-547	JCT-28-WEIR	J-575	158.988737	0.012000	0.000000	0.000000	0.000000	0.000000	
U-548	J-577	J-576	12.449165	0.012000	2.560000	0.000000	0.000000	0.000000	
U-549	J-578	J-577	12.247383	0.012000	0.000000	2.560000	0.000000	0.000000	
U-55	J-60	J-61	32.039234	0.012000	0.000000	0.000000	0.000000	0.000000	
U-550	J-578	J-581	195.432235	0.012000	0.000000	0.000000	0.000000	0.000000	
U-555	J-596	J-757	279.785639	0.012000	0.000000	0.000000	0.000000	0.000000	
U-557	J-611	J-613	231.053673	0.012000	0.000000	0.000000	0.000000	0.000000	
U-559	J-613	J-615	60.802164	0.012000	0.000000	0.000000	0.000000	0.000000	
U-56	J-61	J-740	256.069283	0.012000	0.000000	0.000000	0.000000	0.000000	
U-562	J-615	J-609	257.846057	0.012000	0.000000	0.000000	0.000000	0.000000	
U-565	J-598	J-601	192.819860	0.012000	0.000000	0.000000	0.000000	0.000000	
U-568	J-601	J-602	200.095227	0.012000	0.000000	0.000000	0.000000	0.000000	
U-569	J-602	J-609	58.381650	0.012000	0.000000	0.000000	0.000000	0.000000	
U-570	J-609	J-607	225.631730	0.012000	0.000000	0.000000	0.000000	0.000000	
U-572	J-607	J-606	26.463911	0.012000	0.000000	0.000000	0.000000	0.000000	
U-573	J-606	J-603	69.265352	0.012000	0.000000	2.560000	0.000000	0.000000	
U-574	J-603	J-604	38.420996	0.012000	2.560000	1.860000	0.000000	0.000000	
U-575	J-604	J-605	37.174622	0.012000	1.860000	0.000000	0.000000	0.000000	
U-580	J-632	J-629	296.617616	0.012000	0.000000	0.000000	0.000000	0.000000	
U-583	J-629	J-626	41.228000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-584	J-618	J-623	320.211879	0.012000	0.000000	0.000000	0.000000	0.000000	
U-587	J-623	J-624	26.329880	0.012000	0.000000	0.000000	0.000000	0.000000	
U-589	J-624	J-626	270.045000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-59	J-110	J-109	23.398216	0.012000	0.000000	0.000000	0.000000	0.000000	
U-590	J-626	J-633	261.888000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-591	J-640	J-647	290.548412	0.012000	0.000000	0.000000	0.000000	0.000000	
U-596	J-640	J-637	283.222629	0.012000	0.000000	0.000000	0.000000	0.000000	
U-599	J-637	J-633	37.793000	0.012000	0.000000	0.500000	0.000000	0.000000	
U-60	J-104	J-761	381.530265	0.012000	0.000000	0.000000	0.000000	0.000000	
U-601	J-633	J-650	264.536539	0.012000	0.500000	0.000000	0.000000	0.000000	
U-604	J-653	J-657	195.915709	0.012000	0.000000	0.000000	0.000000	0.000000	
U-608	J-654	J-657	295.600153	0.012000	0.000000	0.000000	0.000000	0.000000	
U-609	J-657	J-659	227.966868	0.012000	0.000000	0.000000	0.000000	0.000000	
U-612	J-659	J-650	38.598041	0.012000	0.000000	0.000000	0.000000	0.000000	
U-614	J-650	J-663	367.101308	0.012000	-1.000000	0.000000	0.000000	0.000000	
U-616	J-663	J-665	215.903855	0.012000	0.000000	0.000000	0.000000	0.000000	
U-618	J-665	J-666	109.799171	0.012000	0.000000	0.000000	0.000000	0.000000	
U-62	J-102	J-104	92.921000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-620	J-672	J-671	206.353301	0.012000	0.000000	0.000000	0.000000	0.000000	
U-621	J-672	J-673	117.424086	0.012000	0.000000	0.000000	0.000000	0.000000	
U-623	JCT-30	J-666	308.997715	0.012000	0.000000	0.000000	0.000000	0.000000	
U-624	J-666	J-670	54.130421	0.012000	0.000000	0.000000	0.000000	0.000000	
U-625	J-670	J-678	273.435788	0.012000	0.000000	0.000000	0.000000	0.000000	
U-628	J-678	J-963	178.058803	0.012000	0.000000	0.000000	0.000000	0.000000	
U-629	J-963	J-12	112.162044	0.012000	0.000000	0.000000	0.000000	0.000000	
U-632	J-691	J-692	15.660000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-633	J-687	J-691	150.519000	0.012000	-1.000000	-1.000000	0.000000	0.000000	
U-637	J-686	J-687	244.268000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-64	J-160	J-158	26.549945	0.012000	0.000000	0.000000	0.000000	0.000000	
U-640	J-684	J-686	271.988000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-643	J-682	J-684	329.977000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-646	J-710	J-707	108.075148	0.012000	0.000000	0.000000	0.000000	0.000000	
U-648	J-707	J-705	77.481003	0.012000	0.000000	0.000000	0.000000	0.000000	
U-649	J-705	J-701	150.271000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-651	J-701	J-702	10.305000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-652	J-702	J-703	42.252000	0.012000	0.000000	0.440000	0.000000	0.000000	
U-653	J-700	J-701	243.151000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-656	J-697	J-700	279.598366	0.012000	0.000000	0.000000	0.000000	0.000000	
U-657	JCT-32	J-697	312.983000	0.012000	0.000000	0.000000	0.000000	0.000000	
U-659-NEW	JCT-32-WEIR	J-694	169.136000	0.012000	0.000000	0.440000	0.000000	0.000000	
U-66	J-158	J-156	262.262565	0.012000	0.000000	0.000000	0.000000	0.000000	
U-663	J-721	J-725	249.148000	0.012000	2.000000	2.000000	0.000000	0.000000	
U-668	J-719	J-721	249.826000	0.012000	2.000000	2.000000	0.000000	0.000000	
U-671	J-714	J-719	288.437285	0.012000	2.000000	2.000000	0.000000	0.000000	
U-674	J-712	J-714	237.183957	0.012000	2.000000	2.000000	0.000000	0.000000	
U-675	J-725	J-728	121.412442	0.012000	2.000000	2.000000	0.000000	0.000000	
U-678	J-728	J-734	171.665275	0.012000	2.000000	2.000000	0.000000	0.000000	
U-68	J-156	J-155	296.369159	0.012000	0.000000	0.000000	0.000000	0.000000	
U-681	J-734	J-735	44.409000	0.012000	2.000000	2.000000	0.000000	0.000000	
U-682	J-735	J-736	17.730000	0.012000	2.000000	2.000000	0.000000	0.000000	
U-684	J-754	J-753	49.017242	0.012000	0.000000	0.000000	0.000000	0.000000	
U-685	J-753	J-752	56.859000	0.012000	0.713000	0.600000	0.000000	0.000000	
U-686	J-752	J-751	225.150000	0.012000	0.600000	0.150000	0.000000	0.000000	
U-687	J-751	J-750	74.937000	0.012000	0.150000	0.000000	0.000000	0.000000	

U-688	J-748	J-749	147.294033	0.012000	0.000000	0.000000	0.000000	0.000000		
U-690	J-745	J-748	204.528277	0.012000	0.000000	0.000000	0.000000	0.000000		
U-694	J-740	J-741	200.273295	0.012000	0.000000	0.000000	0.000000	0.000000		
U-695	J-741	J-744	148.594847	0.012000	0.000000	0.000000	0.000000	0.000000		
U-696	J-744	J-745	49.561042	0.012000	0.000000	0.000000	0.000000	0.000000		
U-70	J-155	J-153	102.267140	0.012000	0.000000	0.000000	0.000000	0.000000		
U-701	J-755	J-757	30.317058	0.012000	0.000000	0.000000	0.000000	0.000000		
U-704	J-761	J-109	272.027999	0.012000	0.000000	0.000000	0.000000	0.000000		
U-706	J-106	J-761	10.479332	0.012000	0.000000	0.000000	0.000000	0.000000		
U-707	J-121	J-106	100.611463	0.012000	0.000000	0.000000	0.000000	0.000000		
U-708	J-109	J-113	234.670036	0.012000	0.000000	0.000000	0.000000	0.000000		
U-71	J-153	J-152	135.045984	0.012000	0.000000	0.000000	0.000000	0.000000		
U-710	J-113	J-114	9.516475	0.012000	0.000000	0.000000	0.000000	0.000000		
U-711	J-114	J-118	67.132000	0.012000	0.000000	0.000000	0.000000	0.000000		
U-717	J-423	J-450	62.711895	0.012000	0.000000	0.000000	0.000000	0.000000		
U-718	J-450	J-445	188.619000	0.012000	0.000000	0.000000	0.000000	0.000000		
U-719	J-445	J-444	60.466000	0.012000	0.000000	0.000000	0.000000	0.000000		
U-720	J-448	J-763	85.040000	0.012000	0.000000	1.500000	0.000000	0.000000		
U-721-NEW		J-763	J-444-WEIR	69.006000		0.012000	0.000000	0.000000	0.000000	0.000000
U-725	J-565	J-764	50.523660	0.012000	0.000000	0.000000	0.000000	0.000000		
U-727	J-766	J-768	90.186317	0.012000	2.000000	2.000000	0.000000	0.000000		
U-729	J-768	J-769	77.439613	0.012000	2.000000	2.000000	0.000000	0.000000		
U-73	J-152	J-148	75.082174	0.012000	0.000000	0.000000	0.000000	0.000000		
U-731	J-769	J-771	150.073886	0.012000	2.000000	2.000000	0.000000	0.000000		
U-732	J-771	J-772	26.350000	0.012000	2.000000	2.000000	0.000000	0.000000		
U-734	J-774	J-772	110.721000	0.012000	2.000000	2.000000	0.000000	0.000000		
U-736	J-776	J-774	105.424371	0.012000	2.000000	2.000000	0.000000	0.000000		
U-738	J-778	J-776	148.391747	0.012000	2.000000	2.000000	0.000000	0.000000		
U-74	J-149	J-148	45.776686	0.012000	0.000000	0.000000	0.000000	0.000000		
U-740	J-778	J-780	64.501000	0.012000	2.000000	2.000000	0.000000	0.000000		
U-741	J-782	J-780	141.654000	0.012000	2.000000	2.000000	0.000000	0.000000		
U-743	J-784	J-782	112.895166	0.012000	2.000000	2.000000	0.000000	0.000000		
U-745	J-784	J-786	119.861502	0.012000	2.000000	2.000000	0.000000	0.000000		
U-747	J-786	J-788	164.402803	0.012000	2.000000	2.000000	0.000000	0.000000		
U-749	J-788	J-790	133.463525	0.012000	2.000000	2.000000	0.000000	0.000000		
U-75	J-148	J-147	111.672974	0.012000	0.000000	0.000000	0.000000	0.000000		
U-751	J-790	J-795	60.431133	0.012000	2.000000	2.000000	0.000000	0.000000		
U-753	J-795	J-792	79.782000	0.012000	2.000000	2.000000	0.000000	0.000000		
U-755	J-793	J-792	114.570000	0.012000	2.000000	2.000000	0.000000	0.000000		
U-763	J-870	J-868	145.096940	0.012000	0.000000	0.000000	0.000000	0.000000		
U-766	J-868	J-865	167.370469	0.012000	0.000000	0.000000	0.000000	0.000000		
U-769	J-865	J-863	204.358222	0.012000	0.000000	0.000000	0.000000	0.000000		
U-77	J-147	J-140	169.840833	0.012000	0.000000	0.000000	0.000000	0.000000		
U-772	J-863	J-860	147.960587	0.012000	0.000000	0.000000	0.000000	0.000000		
U-775	J-860	J-856	79.371361	0.012000	0.000000	5.400000	0.000000	0.000000		
U-778	J-851	J-856	301.130004	0.012000	0.000000	5.400000	0.000000	0.000000		
U-783	J-838	J-841	124.553364	0.012000	0.000000	0.000000	0.000000	0.000000		
U-786	J-841	J-844	253.905331	0.012000	0.000000	0.000000	0.000000	0.000000		
U-789	J-844	J-848	123.698870	0.012000	0.000000	0.000000	0.000000	0.000000		
U-792	J-848	J-850	238.260013	0.012000	0.000000	0.000000	0.000000	0.000000		
U-795	J-850	J-851	22.916023	0.012000	0.000000	0.000000	0.000000	0.000000		
U-796	J-809	J-851	299.930008	0.012000	0.000000	0.000000	0.000000	0.000000		
U-8	J-7	J-6	20.758114	0.012000	0.000000	0.000000	0.000000	0.000000		
U-801	J-822	J-819	120.226478	0.012000	0.000000	0.000000	0.000000	0.000000		
U-804	J-819	J-816	246.633911	0.012000	0.000000	0.000000	0.000000	0.000000		
U-807	J-816	J-813	161.660783	0.012000	0.000000	0.000000	0.000000	0.000000		
U-81	J-140	J-139	100.543000	0.012000	0.000000	0.000000	0.000000	0.000000		
U-810	J-813	J-810	202.386623	0.012000	0.000000	0.000000	0.000000	0.000000		
U-811	J-810	J-809	31.135912	0.012000	0.000000	0.000000	0.000000	0.000000		
U-815	J-806	J-809	174.900083	0.012000	0.000000	0.000000	0.000000	0.000000		
U-816	J-800	J-806	124.680116	0.012000	0.000000	0.000000	0.000000	0.000000		
U-82	J-139	J-137	255.401000	0.012000	0.000000	0.000000	0.000000	0.000000		
U-820	J-826	J-829	104.604813	0.012000	0.000000	0.000000	0.000000	0.000000		
U-823	J-829	J-831	204.656311	0.012000	0.000000	0.000000	0.000000	0.000000		
U-826	J-831	J-836	215.728497	0.012000	0.000000	0.000000	0.000000	0.000000		
U-829	J-836	J-802	205.683233	0.012000	0.000000	0.000000	0.000000	0.000000		
U-83	J-137	J-132	176.523501	0.012000	0.000000	0.000000	0.000000	0.000000		
U-832	J-802	J-800	22.985667	0.012000	0.000000	0.000000	0.000000	0.000000		
U-833	J-799	J-800	104.460123	0.012000	0.000000	0.000000	0.000000	0.000000		
U-834-EAC		J-484	J-799-WEIR-EAC	33.973000		0.012000	0.135000	0.000000	0.000000	0.000000
U-835	J-903	J-495	439.063000	0.012000	-0.388000		-1.200000		0.000000	0.000000
U-837	J-495	J-493	37.455452	0.012000	0.066000	0.000000	0.000000	0.000000		
U-838	J-884	J-883	63.198000	0.012000	0.000000	2.000000	0.000000	0.000000		
U-839	J-883	J-882	139.534000	0.012000	2.000000	0.000000	0.000000	0.000000		
U-840	J-882	J-881	116.898590	0.012000	0.000000	0.000000	0.000000	0.000000		
U-841	J-881	J-880	25.543000	0.012000	0.000000	0.500000	0.000000	0.000000		
U-842	J-880	J-879	114.392000	0.012000	0.500000	0.000000	0.000000	0.000000		
U-846	J-126	J-127	252.309915	0.012000	3.400000	3.030000	0.000000	0.000000		
U-847	J-127	J-128	41.664635	0.012000	3.030000	3.270000	0.000000	0.000000		
U-848	J-128	J-110	203.983000	0.012000	0.000000	0.561000	0.000000	0.000000		

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U-851    J-899    J-891    304.514017       0.012000 0.000000 0.000000 0.000000 0.000000
U-852    J-889    J-891    145.533505       0.012000 0.000000 0.000000 0.000000 0.000000
U-854    J-888    J-889    78.175329        0.012000 0.000000 0.000000 0.000000 0.000000
U-856    J-891    J-892    42.934352        0.012000 0.000000 0.000000 0.000000 0.000000
U-858    J-892    J-894    159.383056       0.012000 0.000000 0.000000 0.000000 0.000000
U-860    J-894    J-896    297.241111       0.012000 0.000000 0.000000 0.000000 0.000000
U-863    J-896    J-934    137.292330       0.012000 0.000000 0.000000 0.000000 0.000000
U-864    J-902    J-903    44.770000        0.012000 -0.298000         -0.388000         0.000000 0.000000
U-865    J-750    J-903    194.109000       0.012000 0.000000 -0.388000         0.000000 0.000000
U-866    J-749    J-750    127.670376       0.012000 0.000000 0.000000 0.000000 0.000000
U-867    J-910    J-909    124.052332       0.012000 0.000000 0.000000 0.000000 0.000000
U-868    J-912    J-911    163.961846       0.012000 0.000000 0.000000 0.000000 0.000000
U-869    J-271    J-913    127.382000       0.012000 -0.060000         0.440000 0.000000 0.000000
U-871    J-918    J-919    157.167775       0.012000 0.000000 0.000000 0.000000 0.000000
U-872    J-917    J-918    30.738630        0.012000 0.000000 0.000000 0.000000 0.000000
U-874-NEW         J-692-WEIR       J-693    39.795000        0.012000 0.000000 0.000000 0.000000 0.000000
U-875    J-557    J-920    155.542006       0.012000 4.948000 0.000000 0.000000 0.000000
U-878    J-951    J-953    221.123982       0.012000 1.000000 1.000000 0.000000 0.000000
U-879    J-953    J-954    234.697614       0.012000 1.000000 1.000000 0.000000 0.000000
U-88     J-132    J-130    73.318945        0.012000 0.000000 0.000000 0.000000 0.000000
U-880    J-954    J-555    48.516918        0.012000 1.000000 1.400000 0.000000 0.000000
U-885    J-561    J-920    35.292539        0.012000 0.000000 0.000000 0.000000 0.000000
U-90     J-131    J-130    120.405207       0.012000 0.000000 0.000000 0.000000 0.000000
U-91     J-130    J-129    132.406683       0.012000 0.000000 0.000000 0.000000 0.000000
U-92     J-129    J-118    51.239000        0.012000 0.000000 1.000000 0.000000 0.000000
U-96     J-162    J-161    151.546587       0.012000 0.000000 0.000000 0.000000 0.000000
U-97     J-161    J-131    157.664794       0.012000 0.000000 0.000000 0.000000 0.000000
U-98     J-163    J-162    10.096281        0.012000 0.000000 0.000000 0.000000 0.000000
U-99     J-163    J-164    145.234247       0.012000 0.000000 0.000000 0.000000 0.000000

[PUMPS]
PS-HC1-LAG       J-856-STORAGE-NEWJCT-46   PS-HC1   ON       8.000000 5.000000
PS-HC1-LEAD      J-856-STORAGE-NEWJCT-46   PS-HC1   ON       8.000000 5.000000

[ORIFICES]

[WEIRS]
W-WELL3D-NEW     J-566    J-566-WEIR       TRANSVERSE       5.700000 3.330000 NO       0        0.000000 YES
W-WELL4-11-NEW   J-692-WEIR       J-692    TRANSVERSE       5.700000 3.330000 NO       0        0.000000 YES
W-WELL6A-NEW     J-268    J-268-WEIR       TRANSVERSE       6.700000 3.330000 NO       0        0.000000 YES
W-WELL6D-NEW     J-284    J-284-WEIR       TRANSVERSE       6.700000 3.330000 NO       0        0.000000 YES
W-WELL7D-NEW     J-444-WEIR       J-444    TRANSVERSE       6.700000 3.330000 NO       0        0.000000 YES
W1-10-NEW        JCT-28   JCT-28-WEIR      TRANSVERSE       4.000000 3.330000 NO       0        0.000000 YES
W1-26-NEW        JCT-26   JCT-26-WEIR      TRANSVERSE       5.400000 3.330000 NO       0        0.000000 YES
W3-56-NEW        J-673    JCT-30   TRANSVERSE       4.000000 3.300000 NO       0        0.000000 YES
W5-2-NEW JCT-32  JCT-32-WEIR      TRANSVERSE       3.547000 3.330000 NO       0        0.000000 YES
W6A-26-NEW       J-261    J-261-WEIR       TRANSVERSE       4.500000 3.330000 NO       0        0.000000 YES
WA-10    JCT-24  J-884    TRANSVERSE       4.500000 3.330000 NO       0        0.000000 YES
WA-4-NEW J-539-WEIR       J-539A   TRANSVERSE       4.500000 3.330000 NO       0        0.000000 YES
WEIR-11  J-745A   J-191A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-13  J-748A   J-341A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-15  J-750A   J-351A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-17  J-902    J-354B   TRANSVERSE       5.500000 0.750000 NO       0        0.000000 YES
WEIR-19  J-355A   J-359    TRANSVERSE       5.500000 0.750000 NO       0        0.000000 NO
WEIR-21  J-596A   J-611A   TRANSVERSE       8.660000 0.750000 NO       0        0.000000 NO
WEIR-23  J-611B   J-598B   TRANSVERSE       6.336000 0.750000 NO       0        0.000000 NO
WEIR-25  J-585B   J-572A   TRANSVERSE       6.960000 0.750000 NO       0        0.000000 NO
WEIR-27  J-591B   J-572B   TRANSVERSE       8.860000 0.750000 NO       0        0.000000 NO
WEIR-29  J-591A   J-598A   TRANSVERSE       8.960000 0.750000 NO       0        0.000000 NO
WEIR-3   J-223A   J-180A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-31  J-5A     J-673A   TRANSVERSE       7.360000 0.750000 NO       0        0.000000 NO
WEIR-33  J-19A    J-654A   TRANSVERSE       5.860000 0.750000 NO       0        0.000000 NO
WEIR-35  J-25A    J-653A   TRANSVERSE       6.160000 0.750000 NO       0        0.000000 NO
WEIR-37  J-571A   J-563A   TRANSVERSE       6.260000 0.750000 NO       0        0.000000 NO
WEIR-39  J-571B   J-288A   TRANSVERSE       5.860000 0.750000 NO       0        0.000000 NO
WEIR-41  J-15A    J-290A   TRANSVERSE       6.360000 0.750000 NO       0        0.000000 NO
WEIR-43  J-328A   J-314A   TRANSVERSE       6.460000 0.750000 NO       0        0.000000 NO
WEIR-45  J-27A    J-321A   TRANSVERSE       6.220000 0.750000 NO       0        0.000000 NO
WEIR-47  J-647A   J-40B    TRANSVERSE       6.360000 0.750000 NO       0        0.000000 NO
WEIR-49  J-40C    J-54A    TRANSVERSE       5.460000 0.750000 NO       0        0.000000 NO
WEIR-5   J-180A   J-126A   TRANSVERSE       6.000000 0.750000 NO       0        0.000000 NO
WEIR-51  J-54B    J-42A    TRANSVERSE       6.760000 0.750000 NO       0        0.000000 NO
WEIR-53  J-647B   J-61A    TRANSVERSE       0.000000 0.750000 NO       0        0.000000 NO
WEIR-55  J-40A    J-58A    TRANSVERSE       6.760000 0.750000 NO       0        0.000000 NO
WEIR-57  J-624A   J-899A   TRANSVERSE       5.660000 0.750000 NO       0        0.000000 NO
WEIR-59  J-31A    J-59A    TRANSVERSE       5.660000 0.750000 NO       0        0.000000 YES
WEIR-61  J-324A   J-59B    TRANSVERSE       6.160000 0.750000 NO       0        0.000000 NO
WEIR-63  J-83A    J-77A    TRANSVERSE       0.000000 0.750000 NO       0        0.000000 YES
WEIR-65  J-734B   J-498A   TRANSVERSE       7.060000 0.750000 NO       0        0.000000 NO
WEIR-67  J-734A   J-766A   TRANSVERSE       5.460000 0.750000 NO       0        0.000000 NO
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WEIR-69  J-431A   J-430A   TRANSVERSE        5.960000 0.750000 NO       0        0.000000 NO
WEIR-7   J-213A   J-185A   TRANSVERSE        6.000000 0.750000 NO       0        0.000000 NO
WEIR-71  J-158A   J-415A   TRANSVERSE        6.960000 0.750000 NO       0        0.000000 YES
WEIR-73  J-432B   J-415B   TRANSVERSE        7.060000 0.750000 NO       0        0.000000 NO
WEIR-75  J-402A   J-77B    TRANSVERSE        6.660000 0.750000 NO       0        0.000000 NO
WEIR-77  J-423A   J-459A   TRANSVERSE        6.560000 0.750000 NO       0        0.000000 NO
WEIR-79  J-422A   J-459A   TRANSVERSE        6.660000 0.750000 NO       0        0.000000 NO
WEIR-81  J-380A   J-422A   TRANSVERSE        6.860000 0.750000 NO       0        0.000000 NO
WEIR-83  J-754A   J-934A   TRANSVERSE        5.560000 0.750000 NO       0        0.000000 NO
WEIR-85  J-934A   J-903A   TRANSVERSE        5.560000 0.750000 NO       0        0.000000 NO
WEIR-87  J-754A   J-903A   TRANSVERSE        5.560000 0.750000 NO       0        0.000000 NO
WEIR-9   J-195A   J-188A   TRANSVERSE        6.000000 0.750000 NO       0        0.000000 NO
WEIR-J-748       J-748    J-748-WEIR-STANTEC        TRANSVERSE       1.000000 0.750000 NO       0        0.000000 NO
WEIR-J-754-STANTECT       J-754-WEIR-STANTEC        J-752    TRANSVERSE       1.000000 0.750000 NO       0        0.000000
        NO
WEIR-J-799-EAC   J-799    J-799-WEIR-EAC    TRANSVERSE       2.500000 0.750000 NO       0        0.000000 YES

[OUTLETS]
CDT-19   J-444    OFALL-10 0.000000 TABULAR/HEAD     7-D      NO
CDT-21   J-412    OFALL-12 0.000000 TABULAR/HEAD     7-C      NO
CDT-23   J-139    OFALL-14 0.000000 TABULAR/HEAD     8-B      NO
CDT-25   J-118    OFALL-16 0.000000 TABULAR/HEAD     8-C      NO
CDT-27   J-102    OFALL-18 0.000000 TABULAR/HEAD     8-A      NO
CDT-29   J-72     OFALL-20 0.000000 TABULAR/HEAD     7-A      NO
CDT-31   J-235    OFALL-26 0.000000 TABULAR/HEAD     6-C      NO
CDT-33   J-268-WEIR       OFALL-22 0.000000 TABULAR/HEAD     6-A      NO
CDT-35   J-284-WEIR       OFALL-24 0.000000 TABULAR/HEAD     STDWELL  NO
CDT-37   J-312    OFALL-28 0.000000 TABULAR/HEAD     STDWELLX2        NO
CDT-39   J-11     OFALL-32 0.000000 TABULAR/HEAD     3-C      NO
CDT-41   J-566    OFALL-30 0.000000 TABULAR/HEAD     STDWELL  NO
CDT-43   J-650    OFALL-34 0.000000 TABULAR/HEAD     3-B      NO
CDT-45   J-626    OFALL-36 0.000000 TABULAR/HEAD     3-A      NO
CDT-47   J-692    OFALL-38 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-49   J-603    OFALL-40 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-51   J-577    OFALL-42 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-53   J-702    OFALL-44 0.000000 TABULAR/HEAD     5-15     NO
CDT-55   J-792    OFALL-46 0.000000 TABULAR/HEAD     STDWELL  NO
CDT-57   J-772    OFALL-50 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-59   J-780    OFALL-48 0.000000 TABULAR/HEAD     2C-ENID  NO
CDT-61   J-736    OFALL-52 0.000000 TABULAR/HEAD     STD-2400GPM      NO
CDT-63   J-721    OFALL-54 0.000000 TABULAR/HEAD     S13W     NO
J33A_OUTFALL     J-33     J-33A    0.000000 TABULAR/HEAD     S-20     NO
J567_OUTFALL     J-567    J-567A   0.000000 TABULAR/HEAD     S-20     NO
U-331    J-385    J-386    0.000000 TABULAR/HEAD     7-B      NO
W-ENID-DRIVE     J-754-WEIR-STANTEC        WELL-W-ENID-DR   0.000000 TABULAR/DEPTH    W-ENID-DRIVE_STDWELLX2    NO
WELL-W-MCINTYRE  J-748-WEIR-STANTEC        OFALL-66 0.000000 TABULAR/HEAD     WELL-W-MCINTYRE_STDWELLX2 NO

[XSECTIONS]
C-WELL3W FORCE_MAIN       1.066000 120.000000       0.000000 0.000000 1        0
C-WELL4E FORCE_MAIN       2.400000 120.000000       0.000000 0.000000 1        0
CDT-101  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-103  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-105  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-107  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-109  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-11   CIRCULAR 1.066000 0.000000 0.000000 0.000000 1        1
CDT-111  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-113  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-115  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-121  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-123  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-125  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-171  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-173  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-175  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-177  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-179  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-181  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-183  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-185  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-187  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-189  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-191  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-193  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-195  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-197  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-199  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-201  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-205  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-207  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
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CDT-209  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-211  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-213  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-215  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-217  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-219  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-221  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-223  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-225  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-227  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-229  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-231  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-233  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-235  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-237  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-239  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-241  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-243  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-245  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-247  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-249  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-251  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-253  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-255  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-257  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-259  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-261  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-263  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-265  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-267  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-269  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-271  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-273  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-275  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-277  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-279  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-281  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-283  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-285  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-287  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-289  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-291  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-293  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-295  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-297  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-299  CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        0
CDT-439  CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        0
CDT-493  CIRCULAR 2.500000 0.000000 0.000000 0.000000 1        0
CDT-495  CIRCULAR 2.500000 0.000000 0.000000 0.000000 1        0
CDT-525  CIRCULAR 4.000000 0.000000 0.000000 0.000000 1        0
CDT-539  CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-87   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-91   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-93   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-95   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-97   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
CDT-99   CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
J-963_OUTFALL     CIRCULAR 0.800000 0.000000 0.000000 0.000000 2        1
J561_OUTFALL      CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
J575_OUTFALL      CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
J920_OUTFALL      CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
LINK-WELL-2       CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
U-1      CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-100    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-101    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-102    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-103    CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-104    CIRCULAR 0.833000 0.000000 0.000000 0.000000 1        1
U-105    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-106    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-11     CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-110    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-112    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-113    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-114    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-118    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-121    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-122    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-125    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-129    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-13     CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-131    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-141    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-142    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-147    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-15     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-150    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-153    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-155    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-156    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-158    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-16     CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-160    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-161    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-165    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-167    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-17     CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        1
U-171    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-172    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-176    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-177    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-18     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-181    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-184    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-186    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-191    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-193    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-195    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-196    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-197    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-199    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
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U-202    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
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U-204    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-206    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-208    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-211    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-213    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-214    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-22     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-228    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-231    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
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U-233    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-237    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-239    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-240    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-256    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-259    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-26     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-260    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-261    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-262-NEW        CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        0
U-263    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-265    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-267    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-270    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-271    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-274    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-286    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-289    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-29     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-304	CIRCULAR	0.800000	0.000000	0.000000	0.000000	1	1
U-308	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-308A	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	0
U-309	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-312	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-315	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-316	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-319	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-322	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
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U-332	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-335	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
U-337	CIRCULAR	2.000000	0.000000	0.000000	0.000000	1	1
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U-341	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
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U-347	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
U-348	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
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U-351	CIRCULAR	1.250000	0.000000	0.000000	0.000000	1	1
U-352	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
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U-385	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1
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U-397	CIRCULAR	1.200000	0.000000	0.000000	0.000000	1	1
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U-416	CIRCULAR	1.083000	0.000000	0.000000	0.000000	1	1
U-417	CIRCULAR	3.833000	0.000000	0.000000	0.000000	1	1
U-418	CIRCULAR	3.200000	0.000000	0.000000	0.000000	1	1
U-419	CIRCULAR	1.000000	0.000000	0.000000	0.000000	1	1
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U-430	CIRCULAR	2.400000	0.000000	0.000000	0.000000	1	1
U-434	CIRCULAR	2.400000	0.000000	0.000000	0.000000	1	1
U-437	CIRCULAR	1.600000	0.000000	0.000000	0.000000	1	1

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U-538    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-583    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-589    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
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U-590    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-657    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
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U-718    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
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U-727    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-729    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
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U-732    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-734    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
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U-745    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-747    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-749    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-75     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-751    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-753    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-755    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-763    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-766    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-769    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-77     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-772    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-775    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-778    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-783    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-786    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-789    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-792    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-795    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-796    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-8      CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-801    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-804    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-807    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-81     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-810    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-811    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-815    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-816    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-82     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-820    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-823    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-826    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-829    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-83     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-832    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-833    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-834-EAC        CIRCULAR 3.000000 0.000000 0.000000 0.000000 1        0
U-835    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-837    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-838    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-839    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-840    CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-841    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-842    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-846    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-847    CIRCULAR 1.250000 0.000000 0.000000 0.000000 1        1
U-848    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-851    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-852    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-854    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-856    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-858    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-860    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-863    CIRCULAR 1.500000 0.000000 0.000000 0.000000 1        1
U-864    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-865    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-866    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-867    CIRCULAR 1.000000 0.000000 0.000000 0.000000 1        1
U-868    CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-869    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-871    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-872    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-874-NEW        CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        0
U-875    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-878    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-879    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-88     CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-880    CIRCULAR 2.400000 0.000000 0.000000 0.000000 1        1
U-885    CIRCULAR 1.600000 0.000000 0.000000 0.000000 1        1
U-90     CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
U-91     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-92     CIRCULAR 2.000000 0.000000 0.000000 0.000000 1        1
U-96     CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
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U-97     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-98     CIRCULAR 1.200000 0.000000 0.000000 0.000000 1        1
U-99     CIRCULAR 1.333000 0.000000 0.000000 0.000000 1        1
W-WELL3D-NEW     RECT_OPEN         2.250000 12.500000         0.000000 0.000000
W-WELL4-11-NEW   RECT_OPEN         2.250000 12.500000         0.000000 0.000000
W-WELL6A-NEW     RECT_OPEN         2.250000 9.400000 0.000000 0.000000
W-WELL6D-NEW     RECT_OPEN         2.250000 9.400000 0.000000 0.000000
W-WELL7D-NEW     RECT_OPEN         2.250000 9.400000 0.000000 0.000000
W1-10-NEW        RECT_OPEN         2.050000 12.500000         0.000000 0.000000
W1-26-NEW        RECT_OPEN         1.950000 12.500000         0.000000 0.000000
W3-56-NEW        RECT_OPEN         1.000000 12.500000         0.000000 0.000000
W5-2-NEW RECT_OPEN         2.250000 12.500000         0.000000 0.000000
W6A-26-NEW       RECT_OPEN         1.200000 12.500000         0.000000 0.000000
WA-10    RECT_OPEN         1.000000 12.500000         0.000000 0.000000
WA-4-NEW RECT_OPEN         2.000000 12.500000         0.000000 0.000000
WEIR-11  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-13  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-15  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-17  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-19  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-21  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-23  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-25  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-27  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-29  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-3   RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-31  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-33  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-35  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-37  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-39  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-41  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-43  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-45  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-47  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-49  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-5   RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-51  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-53  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-55  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-57  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-59  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-61  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-63  RECT_OPEN         4.000000 1.000000 0.000000 0.000000
WEIR-65  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-67  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-69  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-7   RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-71  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-73  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-75  RECT_OPEN         4.000000 1.000000 0.000000 0.000000
WEIR-77  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-79  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-81  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-83  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-85  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-87  RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-9   RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-J-748       RECT_OPEN         4.000000 12.000000         0.000000 0.000000
WEIR-J-754-STANTECT      RECT_OPEN         5.000000 12.000000         0.000000 0.000000
WEIR-J-799-EAC   RECT_OPEN         1.000000 1.000000 0.000000 0.000000

[TRANSECTS]

[LOSSES]
C-WELL3W 0.000000 0.000000 0.000000 NO       0.000000
C-WELL4E 0.000000 0.000000 0.000000 NO       0.000000
CDT-101  0.000000 0.000000 0.000000 NO       0.000000
CDT-103  0.000000 0.000000 0.000000 NO       0.000000
CDT-105  0.000000 0.000000 0.000000 NO       0.000000
CDT-107  0.000000 0.000000 0.000000 NO       0.000000
CDT-109  0.000000 0.000000 0.000000 NO       0.000000
CDT-11   0.000000 0.000000 0.000000 NO       0.000000
CDT-111  0.000000 0.000000 0.000000 NO       0.000000
CDT-113  0.000000 0.000000 0.000000 NO       0.000000
CDT-115  0.000000 0.000000 0.000000 NO       0.000000
CDT-121  0.000000 0.000000 0.000000 NO       0.000000
CDT-123  0.000000 0.000000 0.000000 NO       0.000000
CDT-125  0.000000 0.000000 0.000000 NO       0.000000
CDT-171  0.000000 0.000000 0.000000 NO       0.000000
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CDT-173  0.000000 0.000000 0.000000 NO       0.000000
CDT-175  0.000000 0.000000 0.000000 NO       0.000000
CDT-177  0.000000 0.000000 0.000000 NO       0.000000
CDT-179  0.000000 0.000000 0.000000 NO       0.000000
CDT-181  0.000000 0.000000 0.000000 NO       0.000000
CDT-183  0.000000 0.000000 0.000000 NO       0.000000
CDT-185  0.000000 0.000000 0.000000 NO       0.000000
CDT-187  0.000000 0.000000 0.000000 NO       0.000000
CDT-189  0.000000 0.000000 0.000000 NO       0.000000
CDT-191  0.000000 0.000000 0.000000 NO       0.000000
CDT-193  0.000000 0.000000 0.000000 NO       0.000000
CDT-195  0.000000 0.000000 0.000000 NO       0.000000
CDT-197  0.000000 0.000000 0.000000 NO       0.000000
CDT-199  0.000000 0.000000 0.000000 NO       0.000000
CDT-201  0.000000 0.000000 0.000000 NO       0.000000
CDT-205  0.000000 0.000000 0.000000 NO       0.000000
CDT-207  0.000000 0.000000 0.000000 NO       0.000000
CDT-209  0.000000 0.000000 0.000000 NO       0.000000
CDT-211  0.000000 0.000000 0.000000 NO       0.000000
CDT-213  0.000000 0.000000 0.000000 NO       0.000000
CDT-215  0.000000 0.000000 0.000000 NO       0.000000
CDT-217  0.000000 0.000000 0.000000 NO       0.000000
CDT-219  0.000000 0.000000 0.000000 NO       0.000000
CDT-221  0.000000 0.000000 0.000000 NO       0.000000
CDT-223  0.000000 0.000000 0.000000 NO       0.000000
CDT-225  0.000000 0.000000 0.000000 NO       0.000000
CDT-227  0.000000 0.000000 0.000000 NO       0.000000
CDT-229  0.000000 0.000000 0.000000 NO       0.000000
CDT-231  0.000000 0.000000 0.000000 NO       0.000000
CDT-233  0.000000 0.000000 0.000000 NO       0.000000
CDT-235  0.000000 0.000000 0.000000 NO       0.000000
CDT-237  0.000000 0.000000 0.000000 NO       0.000000
CDT-239  0.000000 0.000000 0.000000 NO       0.000000
CDT-241  0.000000 0.000000 0.000000 NO       0.000000
CDT-243  0.000000 0.000000 0.000000 NO       0.000000
CDT-245  0.000000 0.000000 0.000000 NO       0.000000
CDT-247  0.000000 0.000000 0.000000 NO       0.000000
CDT-249  0.000000 0.000000 0.000000 NO       0.000000
CDT-251  0.000000 0.000000 0.000000 NO       0.000000
CDT-253  0.000000 0.000000 0.000000 NO       0.000000
CDT-255  0.000000 0.000000 0.000000 NO       0.000000
CDT-257  0.000000 0.000000 0.000000 NO       0.000000
CDT-259  0.000000 0.000000 0.000000 NO       0.000000
CDT-261  0.000000 0.000000 0.000000 NO       0.000000
CDT-263  0.000000 0.000000 0.000000 NO       0.000000
CDT-265  0.000000 0.000000 0.000000 NO       0.000000
CDT-267  0.000000 0.000000 0.000000 NO       0.000000
CDT-269  0.000000 0.000000 0.000000 NO       0.000000
CDT-271  0.000000 0.000000 0.000000 NO       0.000000
CDT-273  0.000000 0.000000 0.000000 NO       0.000000
CDT-275  0.000000 0.000000 0.000000 NO       0.000000
CDT-277  0.000000 0.000000 0.000000 NO       0.000000
CDT-279  0.000000 0.000000 0.000000 NO       0.000000
CDT-281  0.000000 0.000000 0.000000 NO       0.000000
CDT-283  0.000000 0.000000 0.000000 NO       0.000000
CDT-285  0.000000 0.000000 0.000000 NO       0.000000
CDT-287  0.000000 0.000000 0.000000 NO       0.000000
CDT-289  0.000000 0.000000 0.000000 NO       0.000000
CDT-291  0.000000 0.000000 0.000000 NO       0.000000
CDT-293  0.000000 0.000000 0.000000 NO       0.000000
CDT-295  0.000000 0.000000 0.000000 NO       0.000000
CDT-297  0.000000 0.000000 0.000000 NO       0.000000
CDT-299  0.000000 0.000000 0.000000 NO       0.000000
CDT-439  0.000000 0.000000 0.000000 NO       0.000000
CDT-493  0.000000 0.000000 0.000000 NO       0.000000
CDT-495  0.000000 0.000000 0.000000 NO       0.000000
CDT-525  0.000000 0.000000 0.000000 NO       0.000000
CDT-539  0.000000 0.000000 0.000000 NO       0.000000
CDT-87   0.000000 0.000000 0.000000 NO       0.000000
CDT-91   0.000000 0.000000 0.000000 NO       0.000000
CDT-93   0.000000 0.000000 0.000000 NO       0.000000
CDT-95   0.000000 0.000000 0.000000 NO       0.000000
CDT-97   0.000000 0.000000 0.000000 NO       0.000000
CDT-99   0.000000 0.000000 0.000000 NO       0.000000
J-963_OUTFALL     0.000000 0.000000 0.000000 NO       0.000000
J561_OUTFALL      0.000000 0.000000 0.000000 YES      0.000000
J575_OUTFALL      0.000000 0.000000 0.000000 NO       0.000000
J920_OUTFALL      0.000000 0.000000 0.000000 YES      0.000000
LINK-WELL-2       0.000000 0.000000 0.000000 YES      0.000000
U-1      0.000000 0.000000 0.000000 NO       0.000000
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U-100	0.000000	0.000000	0.000000	NO	0.000000
U-101	0.000000	0.000000	0.000000	NO	0.000000
U-102	0.000000	0.000000	0.000000	NO	0.000000
U-103	0.000000	0.000000	0.000000	NO	0.000000
U-104	0.000000	0.000000	0.000000	NO	0.000000
U-105	0.000000	0.000000	0.000000	NO	0.000000
U-106	0.000000	0.000000	0.000000	YES	0.000000
U-11	0.000000	0.000000	0.000000	NO	0.000000
U-110	0.000000	0.000000	0.000000	NO	0.000000
U-112	0.000000	0.000000	0.000000	NO	0.000000
U-113	0.000000	0.000000	0.000000	NO	0.000000
U-114	0.000000	0.000000	0.000000	NO	0.000000
U-118	0.000000	0.000000	0.000000	NO	0.000000
U-121	0.000000	0.000000	0.000000	NO	0.000000
U-122	0.000000	0.000000	0.000000	NO	0.000000
U-125	0.000000	0.000000	0.000000	NO	0.000000
U-129	0.000000	0.000000	0.000000	NO	0.000000
U-13	0.000000	0.000000	0.000000	NO	0.000000
U-131	0.000000	0.000000	0.000000	NO	0.000000
U-141	0.000000	0.000000	0.000000	NO	0.000000
U-142	0.000000	0.000000	0.000000	NO	0.000000
U-147	0.000000	0.000000	0.000000	NO	0.000000
U-15	0.000000	0.000000	0.000000	NO	0.000000
U-150	0.000000	0.000000	0.000000	NO	0.000000
U-153	0.000000	0.000000	0.000000	NO	0.000000
U-155	0.000000	0.000000	0.000000	NO	0.000000
U-156	0.000000	0.000000	0.000000	NO	0.000000
U-158	0.000000	0.000000	0.000000	NO	0.000000
U-16	0.000000	0.000000	0.000000	NO	0.000000
U-160	0.000000	0.000000	0.000000	NO	0.000000
U-161	0.000000	0.000000	0.000000	NO	0.000000
U-165	0.000000	0.000000	0.000000	NO	0.000000
U-167	0.000000	0.000000	0.000000	NO	0.000000
U-17	0.000000	0.000000	0.000000	NO	0.000000
U-171	0.000000	0.000000	0.000000	NO	0.000000
U-172	0.000000	0.000000	0.000000	NO	0.000000
U-176	0.000000	0.000000	0.000000	NO	0.000000
U-177	0.000000	0.000000	0.000000	NO	0.000000
U-18	0.000000	0.000000	0.000000	NO	0.000000
U-181	0.000000	0.000000	0.000000	NO	0.000000
U-184	0.000000	0.000000	0.000000	NO	0.000000
U-186	0.000000	0.000000	0.000000	NO	0.000000
U-191	0.000000	0.000000	0.000000	NO	0.000000
U-193	0.000000	0.000000	0.000000	NO	0.000000
U-195	0.000000	0.000000	0.000000	NO	0.000000
U-196	0.000000	0.000000	0.000000	NO	0.000000
U-197	0.000000	0.000000	0.000000	NO	0.000000
U-199	0.000000	0.000000	0.000000	NO	0.000000
U-20	0.000000	0.000000	0.000000	NO	0.000000
U-200	0.000000	0.000000	0.000000	NO	0.000000
U-201	0.000000	0.000000	0.000000	NO	0.000000
U-202	0.000000	0.000000	0.000000	NO	0.000000
U-203	0.000000	0.000000	0.000000	NO	0.000000
U-204	0.000000	0.000000	0.000000	NO	0.000000
U-206	0.000000	0.000000	0.000000	NO	0.000000
U-207	0.000000	0.000000	0.000000	NO	0.000000
U-208	0.000000	0.000000	0.000000	NO	0.000000
U-211	0.000000	0.000000	0.000000	NO	0.000000
U-213	0.000000	0.000000	0.000000	NO	0.000000
U-214	0.000000	0.000000	0.000000	YES	0.000000
U-22	0.000000	0.000000	0.000000	NO	0.000000
U-220	0.000000	0.000000	0.000000	NO	0.000000
U-221	0.000000	0.000000	0.000000	NO	0.000000
U-227	0.000000	0.000000	0.000000	NO	0.000000
U-228	0.000000	0.000000	0.000000	NO	0.000000
U-231	0.000000	0.000000	0.000000	NO	0.000000
U-232	0.000000	0.000000	0.000000	NO	0.000000
U-233	0.000000	0.000000	0.000000	NO	0.000000
U-237	0.000000	0.000000	0.000000	NO	0.000000
U-239	0.000000	0.000000	0.000000	NO	0.000000
U-240	0.000000	0.000000	0.000000	NO	0.000000
U-242	0.000000	0.000000	0.000000	NO	0.000000
U-244	0.000000	0.000000	0.000000	NO	0.000000
U-245	0.000000	0.000000	0.000000	NO	0.000000
U-249	0.000000	0.000000	0.000000	NO	0.000000
U-25	0.000000	0.000000	0.000000	NO	0.000000
U-251	0.000000	0.000000	0.000000	NO	0.000000
U-253	0.000000	0.000000	0.000000	NO	0.000000
U-254	0.000000	0.000000	0.000000	NO	0.000000
U-256	0.000000	0.000000	0.000000	NO	0.000000

U-259	0.000000	0.000000	0.000000	NO	0.000000	
U-26	0.000000	0.000000	0.000000	NO	0.000000	
U-260	0.000000	0.000000	0.000000	NO	0.000000	
U-261	0.000000	0.000000	0.000000	NO	0.000000	
U-262-NEW		0.000000	0.000000	0.000000	NO	0.000000
U-263	0.000000	0.000000	0.000000	YES	0.000000	
U-265	0.000000	0.000000	0.000000	NO	0.000000	
U-267	0.000000	0.000000	0.000000	NO	0.000000	
U-270	0.000000	0.000000	0.000000	NO	0.000000	
U-271	0.000000	0.000000	0.000000	NO	0.000000	
U-274	0.000000	0.000000	0.000000	NO	0.000000	
U-277	0.000000	0.000000	0.000000	NO	0.000000	
U-28	0.000000	0.000000	0.000000	NO	0.000000	
U-280	0.000000	0.000000	0.000000	NO	0.000000	
U-286	0.000000	0.000000	0.000000	NO	0.000000	
U-289	0.000000	0.000000	0.000000	NO	0.000000	
U-29	0.000000	0.000000	0.000000	NO	0.000000	
U-290	0.000000	0.000000	0.000000	NO	0.000000	
U-291	0.000000	0.000000	0.000000	NO	0.000000	
U-293	0.000000	0.000000	0.000000	NO	0.000000	
U-294	0.000000	0.000000	0.000000	NO	0.000000	
U-295	0.000000	0.000000	0.000000	NO	0.000000	
U-298	0.000000	0.000000	0.000000	NO	0.000000	
U-299	0.000000	0.000000	0.000000	NO	0.000000	
U-300	0.000000	0.000000	0.000000	NO	0.000000	
U-304	0.000000	0.000000	0.000000	NO	0.000000	
U-308	0.000000	0.000000	0.000000	NO	0.000000	
U-308A	0.000000	0.000000	0.000000	NO	0.000000	
U-309	0.000000	0.000000	0.000000	NO	0.000000	
U-312	0.000000	0.000000	0.000000	NO	0.000000	
U-315	0.000000	0.000000	0.000000	NO	0.000000	
U-316	0.000000	0.000000	0.000000	NO	0.000000	
U-319	0.000000	0.000000	0.000000	NO	0.000000	
U-322	0.000000	0.000000	0.000000	NO	0.000000	
U-325	0.000000	0.000000	0.000000	NO	0.000000	
U-327	0.000000	0.000000	0.000000	NO	0.000000	
U-328	0.000000	0.000000	0.000000	NO	0.000000	
U-330	0.000000	0.000000	0.000000	NO	0.000000	
U-332	0.000000	0.000000	0.000000	NO	0.000000	
U-335	0.000000	0.000000	0.000000	NO	0.000000	
U-337	0.000000	0.000000	0.000000	NO	0.000000	
U-34	0.000000	0.000000	0.000000	NO	0.000000	
U-341	0.000000	0.000000	0.000000	NO	0.000000	
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U-345	0.000000	0.000000	0.000000	NO	0.000000	
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U-35	0.000000	0.000000	0.000000	NO	0.000000	
U-351	0.000000	0.000000	0.000000	NO	0.000000	
U-352	0.000000	0.000000	0.000000	NO	0.000000	
U-353	0.000000	0.000000	0.000000	NO	0.000000	
U-354	0.000000	0.000000	0.000000	NO	0.000000	
U-357	0.000000	0.000000	0.000000	NO	0.000000	
U-358	0.000000	0.000000	0.000000	NO	0.000000	
U-364	0.000000	0.000000	0.000000	NO	0.000000	
U-364A	0.000000	0.000000	0.000000	NO	0.000000	
U-366	0.000000	0.000000	0.000000	NO	0.000000	
U-37	0.000000	0.000000	0.000000	NO	0.000000	
U-372	0.000000	0.000000	0.000000	NO	0.000000	
U-373	0.000000	0.000000	0.000000	NO	0.000000	
U-376	0.000000	0.000000	0.000000	NO	0.000000	
U-379	0.000000	0.000000	0.000000	NO	0.000000	
U-38	0.000000	0.000000	0.000000	NO	0.000000	
U-382	0.000000	0.000000	0.000000	NO	0.000000	
U-385	0.000000	0.000000	0.000000	NO	0.000000	
U-386	0.000000	0.000000	0.000000	NO	0.000000	
U-388	0.000000	0.000000	0.000000	NO	0.000000	
U-390	0.000000	0.000000	0.000000	NO	0.000000	
U-391	0.000000	0.000000	0.000000	NO	0.000000	
U-392	0.000000	0.000000	0.000000	NO	0.000000	
U-394	0.000000	0.000000	0.000000	NO	0.000000	
U-397	0.000000	0.000000	0.000000	NO	0.000000	
U-398	0.000000	0.000000	0.000000	NO	0.000000	
U-399	0.000000	0.000000	0.000000	NO	0.000000	
U-402	0.000000	0.000000	0.000000	NO	0.000000	
U-404	0.000000	0.000000	0.000000	NO	0.000000	
U-406	0.000000	0.000000	0.000000	NO	0.000000	
U-407	0.000000	0.000000	0.000000	NO	0.000000	
U-408	0.000000	0.000000	0.000000	NO	0.000000	

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U-409    0.000000 0.000000 0.000000 NO       0.000000
U-411    0.000000 0.000000 0.000000 NO       0.000000
U-412    0.000000 0.000000 0.000000 NO       0.000000
U-413    0.000000 0.000000 0.000000 NO       0.000000
U-414    0.000000 0.000000 0.000000 NO       0.000000
U-415    0.000000 0.000000 0.000000 NO       0.000000
U-416    0.000000 0.000000 0.000000 NO       0.000000
U-417    0.000000 0.000000 0.000000 NO       0.000000
U-418    0.000000 0.000000 0.000000 NO       0.000000
U-419    0.000000 0.000000 0.000000 YES      0.000000
U-420    0.000000 0.000000 0.000000 NO       0.000000
U-421    0.000000 0.000000 0.000000 NO       0.000000
U-423    0.000000 0.000000 0.000000 NO       0.000000
U-428    0.000000 0.000000 0.000000 NO       0.000000
U-430    0.000000 0.000000 0.000000 NO       0.000000
U-434    0.000000 0.000000 0.000000 NO       0.000000
U-437    0.000000 0.000000 0.000000 NO       0.000000
U-439    0.000000 0.000000 0.000000 YES      0.000000
U-44     0.000000 0.000000 0.000000 NO       0.000000
U-440    0.000000 0.000000 0.000000 NO       0.000000
U-441    0.000000 0.000000 0.000000 NO       0.000000
U-443    0.000000 0.000000 0.000000 NO       0.000000
U-445    0.000000 0.000000 0.000000 NO       0.000000
U-447    0.000000 0.000000 0.000000 NO       0.000000
U-448    0.000000 0.000000 0.000000 NO       0.000000
U-449    0.000000 0.000000 0.000000 NO       0.000000
U-45     0.000000 0.000000 0.000000 NO       0.000000
U-450    0.000000 0.000000 0.000000 NO       0.000000
U-451    0.000000 0.000000 0.000000 NO       0.000000
U-452    0.000000 0.000000 0.000000 NO       0.000000
U-454    0.000000 0.000000 0.000000 NO       0.000000
U-456    0.000000 0.000000 0.000000 NO       0.000000
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U-464    0.000000 0.000000 0.000000 NO       0.000000
U-466    0.000000 0.000000 0.000000 NO       0.000000
U-468    0.000000 0.000000 0.000000 NO       0.000000
U-468-NEW         0.000000 0.000000 0.000000 YES      0.000000
U-469    0.000000 0.000000 0.000000 NO       0.000000
U-47     0.000000 0.000000 0.000000 NO       0.000000
U-48     0.000000 0.000000 0.000000 NO       0.000000
U-481    0.000000 0.000000 0.000000 NO       0.000000
U-483    0.000000 0.000000 0.000000 NO       0.000000
U-486    0.000000 0.000000 0.000000 NO       0.000000
U-489    0.000000 0.000000 0.000000 NO       0.000000
U-492    0.000000 0.000000 0.000000 NO       0.000000
U-495    0.000000 0.000000 0.000000 NO       0.000000
U-496    0.000000 0.000000 0.000000 NO       0.000000
U-497    0.000000 0.000000 0.000000 NO       0.000000
U-498    0.000000 0.000000 0.000000 NO       0.000000
U-5      0.000000 0.000000 0.000000 NO       0.000000
U-50     0.000000 0.000000 0.000000 NO       0.000000
U-500    0.000000 0.000000 0.000000 NO       0.000000
U-501    0.000000 0.000000 0.000000 NO       0.000000
U-502    0.000000 0.000000 0.000000 NO       0.000000
U-503    0.000000 0.000000 0.000000 NO       0.000000
U-507    0.000000 0.000000 0.000000 NO       0.000000
U-509    0.000000 0.000000 0.000000 NO       0.000000
U-513    0.000000 0.000000 0.000000 NO       0.000000
U-514    0.000000 0.000000 0.000000 NO       0.000000
U-518-NEW         0.000000 0.000000 0.000000 NO       0.000000
U-519-NEW         0.000000 0.000000 0.000000 NO       0.000000
U-522    0.000000 0.000000 0.000000 NO       0.000000
U-523    0.000000 0.000000 0.000000 NO       0.000000
U-524-NEW         0.000000 0.000000 0.000000 NO       0.000000
U-525    0.000000 0.000000 0.000000 NO       0.000000
U-526    0.000000 0.000000 0.000000 YES      0.000000
U-527    0.000000 0.000000 0.000000 YES      0.000000
U-53     0.000000 0.000000 0.000000 NO       0.000000
U-530    0.000000 0.000000 0.000000 NO       0.000000
U-531    0.000000 0.000000 0.000000 NO       0.000000
U-533    0.000000 0.000000 0.000000 NO       0.000000
U-534-NEW         0.000000 0.000000 0.000000 YES      0.000000
U-537    0.000000 0.000000 0.000000 NO       0.000000
U-538    0.000000 0.000000 0.000000 NO       0.000000
U-54     0.000000 0.000000 0.000000 NO       0.000000
U-543    0.000000 0.000000 0.000000 NO       0.000000
U-545    0.000000 0.000000 0.000000 NO       0.000000
U-547    0.000000 0.000000 0.000000 YES      0.000000
U-548    0.000000 0.000000 0.000000 NO       0.000000
U-549    0.000000 0.000000 0.000000 NO       0.000000
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U-55     0.000000 0.000000 0.000000 NO       0.000000
U-550    0.000000 0.000000 0.000000 NO       0.000000
U-555    0.000000 0.000000 0.000000 NO       0.000000
U-557    0.000000 0.000000 0.000000 NO       0.000000
U-559    0.000000 0.000000 0.000000 NO       0.000000
U-56     0.000000 0.000000 0.000000 NO       0.000000
U-562    0.000000 0.000000 0.000000 NO       0.000000
U-565    0.000000 0.000000 0.000000 NO       0.000000
U-568    0.000000 0.000000 0.000000 NO       0.000000
U-569    0.000000 0.000000 0.000000 NO       0.000000
U-570    0.000000 0.000000 0.000000 NO       0.000000
U-572    0.000000 0.000000 0.000000 NO       0.000000
U-573    0.000000 0.000000 0.000000 NO       0.000000
U-574    0.000000 0.000000 0.000000 NO       0.000000
U-575    0.000000 0.000000 0.000000 YES      0.000000
U-580    0.000000 0.000000 0.000000 NO       0.000000
U-583    0.000000 0.000000 0.000000 NO       0.000000
U-584    0.000000 0.000000 0.000000 NO       0.000000
U-587    0.000000 0.000000 0.000000 NO       0.000000
U-589    0.000000 0.000000 0.000000 NO       0.000000
U-59     0.000000 0.000000 0.000000 NO       0.000000
U-590    0.000000 0.000000 0.000000 NO       0.000000
U-591    0.000000 0.000000 0.000000 NO       0.000000
U-596    0.000000 0.000000 0.000000 NO       0.000000
U-599    0.000000 0.000000 0.000000 NO       0.000000
U-60     0.000000 0.000000 0.000000 NO       0.000000
U-601    0.000000 0.000000 0.000000 NO       0.000000
U-604    0.000000 0.000000 0.000000 NO       0.000000
U-608    0.000000 0.000000 0.000000 NO       0.000000
U-609    0.000000 0.000000 0.000000 NO       0.000000
U-612    0.000000 0.000000 0.000000 NO       0.000000
U-614    0.000000 0.000000 0.000000 NO       0.000000
U-616    0.000000 0.000000 0.000000 NO       0.000000
U-618    0.000000 0.000000 0.000000 NO       0.000000
U-62     0.000000 0.000000 0.000000 NO       0.000000
U-620    0.000000 0.000000 0.000000 YES      0.000000
U-621    0.000000 0.000000 0.000000 NO       0.000000
U-623    0.000000 0.000000 0.000000 NO       0.000000
U-624    0.000000 0.000000 0.000000 NO       0.000000
U-625    0.000000 0.000000 0.000000 NO       0.000000
U-628    0.000000 0.000000 0.000000 NO       0.000000
U-629    0.000000 0.000000 0.000000 NO       0.000000
U-632    0.000000 0.000000 0.000000 NO       0.000000
U-633    0.000000 0.000000 0.000000 NO       0.000000
U-637    0.000000 0.000000 0.000000 NO       0.000000
U-64     0.000000 0.000000 0.000000 NO       0.000000
U-640    0.000000 0.000000 0.000000 NO       0.000000
U-643    0.000000 0.000000 0.000000 NO       0.000000
U-646    0.000000 0.000000 0.000000 NO       0.000000
U-648    0.000000 0.000000 0.000000 NO       0.000000
U-649    0.000000 0.000000 0.000000 NO       0.000000
U-651    0.000000 0.000000 0.000000 NO       0.000000
U-652    0.000000 0.000000 0.000000 YES      0.000000
U-653    0.000000 0.000000 0.000000 NO       0.000000
U-656    0.000000 0.000000 0.000000 NO       0.000000
U-657    0.000000 0.000000 0.000000 NO       0.000000
U-659-NEW        0.000000 0.000000 0.000000 YES      0.000000
U-66     0.000000 0.000000 0.000000 NO       0.000000
U-663    0.000000 0.000000 0.000000 NO       0.000000
U-668    0.000000 0.000000 0.000000 NO       0.000000
U-671    0.000000 0.000000 0.000000 NO       0.000000
U-674    0.000000 0.000000 0.000000 NO       0.000000
U-675    0.000000 0.000000 0.000000 NO       0.000000
U-678    0.000000 0.000000 0.000000 NO       0.000000
U-68     0.000000 0.000000 0.000000 NO       0.000000
U-681    0.000000 0.000000 0.000000 NO       0.000000
U-682    0.000000 0.000000 0.000000 NO       0.000000
U-684    0.000000 0.000000 0.000000 NO       0.000000
U-685    0.000000 0.000000 0.000000 NO       0.000000
U-686    0.000000 0.000000 0.000000 NO       0.000000
U-687    0.000000 0.000000 0.000000 NO       0.000000
U-688    0.000000 0.000000 0.000000 NO       0.000000
U-690    0.000000 0.000000 0.000000 NO       0.000000
U-694    0.000000 0.000000 0.000000 NO       0.000000
U-695    0.000000 0.000000 0.000000 NO       0.000000
U-696    0.000000 0.000000 0.000000 NO       0.000000
U-70     0.000000 0.000000 0.000000 NO       0.000000
U-701    0.000000 0.000000 0.000000 NO       0.000000
U-704    0.000000 0.000000 0.000000 NO       0.000000
U-706    0.000000 0.000000 0.000000 NO       0.000000
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U-707    0.000000 0.000000 0.000000 NO       0.000000
U-708    0.000000 0.000000 0.000000 NO       0.000000
U-71     0.000000 0.000000 0.000000 NO       0.000000
U-710    0.000000 0.000000 0.000000 NO       0.000000
U-711    0.000000 0.000000 0.000000 NO       0.000000
U-717    0.000000 0.000000 0.000000 NO       0.000000
U-718    0.000000 0.000000 0.000000 NO       0.000000
U-719    0.000000 0.000000 0.000000 NO       0.000000
U-720    0.000000 0.000000 0.000000 NO       0.000000
U-721-NEW        0.000000 0.000000 0.000000 NO       0.000000
U-725    0.000000 0.000000 0.000000 NO       0.000000
U-727    0.000000 0.000000 0.000000 NO       0.000000
U-729    0.000000 0.000000 0.000000 NO       0.000000
U-73     0.000000 0.000000 0.000000 NO       0.000000
U-731    0.000000 0.000000 0.000000 NO       0.000000
U-732    0.000000 0.000000 0.000000 NO       0.000000
U-734    0.000000 0.000000 0.000000 NO       0.000000
U-736    0.000000 0.000000 0.000000 NO       0.000000
U-738    0.000000 0.000000 0.000000 NO       0.000000
U-74     0.000000 0.000000 0.000000 NO       0.000000
U-740    0.000000 0.000000 0.000000 NO       0.000000
U-741    0.000000 0.000000 0.000000 NO       0.000000
U-743    0.000000 0.000000 0.000000 NO       0.000000
U-745    0.000000 0.000000 0.000000 NO       0.000000
U-747    0.000000 0.000000 0.000000 NO       0.000000
U-749    0.000000 0.000000 0.000000 NO       0.000000
U-75     0.000000 0.000000 0.000000 NO       0.000000
U-751    0.000000 0.000000 0.000000 NO       0.000000
U-753    0.000000 0.000000 0.000000 NO       0.000000
U-755    0.000000 0.000000 0.000000 NO       0.000000
U-763    0.000000 0.000000 0.000000 NO       0.000000
U-766    0.000000 0.000000 0.000000 NO       0.000000
U-769    0.000000 0.000000 0.000000 NO       0.000000
U-77     0.000000 0.000000 0.000000 NO       0.000000
U-772    0.000000 0.000000 0.000000 NO       0.000000
U-775    0.000000 0.000000 0.000000 NO       0.000000
U-778    0.000000 0.000000 0.000000 NO       0.000000
U-783    0.000000 0.000000 0.000000 NO       0.000000
U-786    0.000000 0.000000 0.000000 NO       0.000000
U-789    0.000000 0.000000 0.000000 NO       0.000000
U-792    0.000000 0.000000 0.000000 NO       0.000000
U-795    0.000000 0.000000 0.000000 NO       0.000000
U-796    0.000000 0.000000 0.000000 NO       0.000000
U-8      0.000000 0.000000 0.000000 NO       0.000000
U-801    0.000000 0.000000 0.000000 NO       0.000000
U-804    0.000000 0.000000 0.000000 NO       0.000000
U-807    0.000000 0.000000 0.000000 NO       0.000000
U-81     0.000000 0.000000 0.000000 NO       0.000000
U-810    0.000000 0.000000 0.000000 NO       0.000000
U-811    0.000000 0.000000 0.000000 NO       0.000000
U-815    0.000000 0.000000 0.000000 NO       0.000000
U-816    0.000000 0.000000 0.000000 NO       0.000000
U-82     0.000000 0.000000 0.000000 NO       0.000000
U-820    0.000000 0.000000 0.000000 NO       0.000000
U-823    0.000000 0.000000 0.000000 NO       0.000000
U-826    0.000000 0.000000 0.000000 NO       0.000000
U-829    0.000000 0.000000 0.000000 NO       0.000000
U-83     0.000000 0.000000 0.000000 NO       0.000000
U-832    0.000000 0.000000 0.000000 NO       0.000000
U-833    0.000000 0.000000 0.000000 NO       0.000000
U-834-EAC        0.000000 0.000000 0.000000 YES      0.000000
U-835    0.000000 0.000000 0.000000 NO       0.000000
U-837    0.000000 0.000000 0.000000 NO       0.000000
U-838    0.000000 0.000000 0.000000 NO       0.000000
U-839    0.000000 0.000000 0.000000 NO       0.000000
U-840    0.000000 0.000000 0.000000 NO       0.000000
U-841    0.000000 0.000000 0.000000 NO       0.000000
U-842    0.000000 0.000000 0.000000 NO       0.000000
U-846    0.000000 0.000000 0.000000 NO       0.000000
U-847    0.000000 0.000000 0.000000 NO       0.000000
U-848    0.000000 0.000000 0.000000 NO       0.000000
U-851    0.000000 0.000000 0.000000 NO       0.000000
U-852    0.000000 0.000000 0.000000 NO       0.000000
U-854    0.000000 0.000000 0.000000 NO       0.000000
U-856    0.000000 0.000000 0.000000 NO       0.000000
U-858    0.000000 0.000000 0.000000 NO       0.000000
U-860    0.000000 0.000000 0.000000 NO       0.000000
U-863    0.000000 0.000000 0.000000 NO       0.000000
U-864    0.000000 0.000000 0.000000 NO       0.000000
U-865    0.000000 0.000000 0.000000 NO       0.000000
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U-866    0.000000 0.000000 0.000000 NO       0.000000
U-867    0.000000 0.000000 0.000000 YES      0.000000
U-868    0.000000 0.000000 0.000000 YES      0.000000
U-869    0.000000 0.000000 0.000000 YES      0.000000
U-871    0.000000 0.000000 0.000000 YES      0.000000
U-872    0.000000 0.000000 0.000000 NO       0.000000
U-874-NEW        0.000000 0.000000 0.000000 YES      0.000000
U-875    0.000000 0.000000 0.000000 NO       0.000000
U-878    0.000000 0.000000 0.000000 NO       0.000000
U-879    0.000000 0.000000 0.000000 NO       0.000000
U-88     0.000000 0.000000 0.000000 NO       0.000000
U-880    0.000000 0.000000 0.000000 NO       0.000000
U-885    0.000000 0.000000 0.000000 NO       0.000000
U-90     0.000000 0.000000 0.000000 NO       0.000000
U-91     0.000000 0.000000 0.000000 NO       0.000000
U-92     0.000000 0.000000 0.000000 NO       0.000000
U-96     0.000000 0.000000 0.000000 NO       0.000000
U-97     0.000000 0.000000 0.000000 NO       0.000000
U-98     0.000000 0.000000 0.000000 NO       0.000000
U-99     0.000000 0.000000 0.000000 NO       0.000000

[CONTROLS]

[POLLUTANTS]

[LANDUSES]
5410     0.000000 0.000000 0.000000
5710     0.000000 0.000000 0.000000
3300     0.000000 0.000000 0.000000
1850     0.000000 0.000000 0.000000
5430     0.000000 0.000000 0.000000
8140     0.000000 0.000000 0.000000
1810     0.000000 0.000000 0.000000
1210     0.000000 0.000000 0.000000
1340     0.000000 0.000000 0.000000
1330     0.000000 0.000000 0.000000
5300     0.000000 0.000000 0.000000
1411     0.000000 0.000000 0.000000
1710     0.000000 0.000000 0.000000
1310     0.000000 0.000000 0.000000
1400     0.000000 0.000000 0.000000
1700     0.000000 0.000000 0.000000
6120     0.000000 0.000000 0.000000
4200     0.000000 0.000000 0.000000
4370     0.000000 0.000000 0.000000

[COVERAGES]
SUB-11856        8140     40.616910
SUB-11856        1411     4.511578
SUB-11856        4200     49.387834
SUB-11856        1850     5.483678
SUB-11868        1340     100.000000
SUB-11924        1210     100.000000
SUB-11926        1210     100.000000
SUB-11930        1210     100.000000
SUB-11932        8140     12.106676
SUB-11932        1850     86.828336
SUB-11932        1411     1.064988
SUB-11936        8140     56.473568
SUB-11936        1850     42.477130
SUB-11936        1310     0.217946
SUB-11936        1210     0.831356
SUB-11944        5410     0.025548
SUB-11944        1210     99.974452
SUB-11948        1210     100.000000
SUB-11950        8140     47.558289
SUB-11950        1850     47.236975
SUB-11950        1310     5.204736
SUB-11954        1210     100.000000
SUB-11958        1210     100.000000
SUB-11968        1210     33.970231
SUB-11968        1411     0.002366
SUB-11968        1850     66.027403
SUB-11970        8140     41.574475
SUB-11970        1850     54.243106
SUB-11970        1310     4.182419
SUB-11972        1210     100.000000
SUB-11978        5410     0.042034
SUB-11978        1210     99.957966
SUB-11984        1210     99.716662
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SUB-11984	1710	0.283338
SUB-11986	1210	79.015380
SUB-11986	1411	11.112245
SUB-11986	1850	9.872375
SUB-11988	1210	96.489306
SUB-11988	1710	3.510694
SUB-11990	1210	99.770376
SUB-11990	1710	0.229624
SUB-11994	1210	100.000000
SUB-11998	1210	99.788034
SUB-11998	1710	0.211966
SUB-12004	1210	100.000000
SUB-12010	1210	100.000000
SUB-12014	1340	100.000000
SUB-12016	5410	0.002266
SUB-12016	1210	99.997734
SUB-12024	5410	1.051186
SUB-12024	1210	98.948814
SUB-12036	1210	96.944519
SUB-12036	1710	3.055481
SUB-12044	1340	99.931291
SUB-12044	5300	0.068709
SUB-12046	1210	100.000000
SUB-12048	1210	84.559196
SUB-12048	1710	15.440804
SUB-12052	5410	0.213765
SUB-12052	1210	99.786235
SUB-12060	1210	100.000000
SUB-12062	1210	100.000000
SUB-12068	1210	99.147002
SUB-12068	1411	0.852962
SUB-12072	1210	100.000000
SUB-12084	5410	0.015244
SUB-12084	1210	99.984756
SUB-12086	1210	100.000000
SUB-12088	1210	100.000000
SUB-12100	5410	0.025892
SUB-12100	1210	99.974108
SUB-12110	5410	0.051794
SUB-12110	1210	99.948209
SUB-12112	5410	0.010472
SUB-12112	1210	99.989528
SUB-12116	5410	0.000006
SUB-12116	1210	99.999994
SUB-12122	1210	100.000000
SUB-12128	1210	100.000000
SUB-12132	1210	100.000000
SUB-12136	1210	100.000000
SUB-12138	1210	100.000000
SUB-12142	5410	0.012120
SUB-12142	1210	99.987830
SUB-12144	1210	100.000000
SUB-12150	1210	100.000000
SUB-12152	1210	100.000000
SUB-12154	1210	100.000000
SUB-12158	1210	100.000000
SUB-12160	1210	100.000000
SUB-12162	1210	100.000000
SUB-12164	1210	100.000000
SUB-12166	1210	100.000000
SUB-12168	1210	100.000000
SUB-12170	1210	100.000000
SUB-12172	1210	100.000000
SUB-12174	1210	100.000000
SUB-12176	1210	100.000000
SUB-12180	1210	100.000000
SUB-12182	1210	100.000000
SUB-12184	1210	100.000000
SUB-12186	1210	100.000000
SUB-12188	1210	100.000000
SUB-12190	1210	100.000000
SUB-12192	1210	100.000000
SUB-12194	1210	100.000000
SUB-12196	1210	100.000000
SUB-12198	1210	100.000000
SUB-12200	1210	100.000000
SUB-12202	1210	100.000000
SUB-12204	1210	100.000000
SUB-12206	1210	98.774416
SUB-12206	1411	1.225584

SUB-12208	1210	95.195029
SUB-12208	1411	4.805011
SUB-12210	1210	100.000000
SUB-12212	1210	88.318024
SUB-12212	1710	11.681976
SUB-12214	1210	95.753648
SUB-12214	1710	4.246352
SUB-12216	1210	75.070965
SUB-12216	1411	24.929035
SUB-12218	1210	76.930915
SUB-12218	1411	23.069085
SUB-12222	1210	100.000000
SUB-12224	1210	100.000000
SUB-12226	1210	100.000000
SUB-12228	1210	100.000000
SUB-12230	1210	100.000000
SUB-12232	1210	100.000000
SUB-12234	1210	100.000000
SUB-12238	1210	100.000000
SUB-12240	1210	100.000000
SUB-12242	1210	100.000000
SUB-12244	1210	100.000000
SUB-12246	1210	100.000000
SUB-12248	1210	100.000000
SUB-12250	1210	100.000000
SUB-12252	1210	100.000000
SUB-12256	1210	100.000000
SUB-12258	1210	100.000000
SUB-12260	1210	100.000000
SUB-12262	1210	100.000000
SUB-12264	1210	100.000000
SUB-12266	1210	100.000000
SUB-12268	1210	100.000000
SUB-12272	1210	100.000000
SUB-12274	1210	100.000000
SUB-12276	1210	100.000000
SUB-12278	1210	100.000000
SUB-12280	1210	100.000000
SUB-12284	1210	81.905154
SUB-12284	1411	11.158669
SUB-12284	1400	6.936177
SUB-12286	1210	37.374899
SUB-12286	1850	48.655260
SUB-12286	1411	13.969841
SUB-12288	1210	18.582824
SUB-12288	1850	81.417176
SUB-12290	1210	100.000000
SUB-12292	1210	100.000000
SUB-12294	1210	100.000000
SUB-12296	1210	100.000000
SUB-12300	1210	100.000000
SUB-12302	1210	100.000000
SUB-12304	1210	91.891638
SUB-12304	1400	8.108362
SUB-12306	1210	100.000000
SUB-12308	1210	100.000000
SUB-12310	1210	55.390112
SUB-12310	1400	4.753572
SUB-12310	1700	25.745064
SUB-12310	1411	14.111252
SUB-12312	1210	100.000000
SUB-12314	1210	62.141242
SUB-12314	1700	36.953283
SUB-12314	1340	0.905474
SUB-12316	1210	64.501601
SUB-12316	1400	33.623904
SUB-12316	1340	1.874495
SUB-12318	1210	100.000000
SUB-12320	1210	100.000000
SUB-12322	1210	100.000000
SUB-12324	1210	100.000000
SUB-12326	1210	100.000000
SUB-12328	1210	100.000000
SUB-12330	1210	100.000000
SUB-12332	1210	100.000000
SUB-12334	1210	100.000000
SUB-12336	1210	100.000000
SUB-12340	1210	89.622166
SUB-12340	1340	10.377834
SUB-12344	1210	100.000000

SUB-12346	8140	0.022784
SUB-12346	1210	99.977216
SUB-12348	1210	93.604633
SUB-12348	1340	6.395367
SUB-12350	1210	93.715474
SUB-12350	1340	6.284526
SUB-12352	1210	100.000000
SUB-12354	1210	100.000000
SUB-12356	1210	92.793257
SUB-12356	1340	7.206743
SUB-12358	1210	100.000000
SUB-12362	1210	100.000000
SUB-12364	1310	37.995792
SUB-12364	1210	62.004208
SUB-12366	1340	0.023229
SUB-12366	1310	18.204576
SUB-12366	1210	81.772195
SUB-12368	8140	82.556089
SUB-12368	1400	8.127206
SUB-12368	1411	9.316705
SUB-12372	8140	12.418480
SUB-12372	1340	87.581520
SUB-12374	1340	100.000000
SUB-12376	1340	100.000000
SUB-12380	1340	100.000000
SUB-12382	8140	93.609512
SUB-12382	1340	1.039116
SUB-12382	1400	5.351373
SUB-12386	8140	92.009175
SUB-12386	1340	6.238746
SUB-12386	1411	1.355893
SUB-12386	1310	0.396187
SUB-12388	8140	90.467914
SUB-12388	1340	6.482008
SUB-12388	1411	3.050077
SUB-12394	1340	100.000000
SUB-12396	1340	100.000000
SUB-12398	1340	100.000000
SUB-12400	1340	100.000000
SUB-12402	1340	100.000000
SUB-12404	1340	100.000000
SUB-12408	1340	100.000000
SUB-12410	1340	100.000000
SUB-12414	1340	100.000000
SUB-12418	1340	100.000000
SUB-12420	1340	100.000000
SUB-12422	1340	100.000000
SUB-12424	8140	85.386934
SUB-12424	1340	12.810336
SUB-12424	1411	1.802731
SUB-12428	8140	88.197707
SUB-12428	1210	2.932338
SUB-12428	1340	8.869956
SUB-12430	8140	51.045701
SUB-12430	1210	35.294909
SUB-12430	1340	13.659390
SUB-12432	1210	100.000000
SUB-12434	8140	53.330221
SUB-12434	1210	43.629336
SUB-12434	1340	1.143717
SUB-12434	1330	1.896730
SUB-12438	1210	100.000000
SUB-12442	1210	100.000000
SUB-12444	8140	93.875337
SUB-12444	1411	0.223198
SUB-12444	1340	4.131903
SUB-12444	1400	1.769563
SUB-12446	8140	86.467161
SUB-12446	1850	0.111743
SUB-12446	1210	8.060081
SUB-12446	1411	4.990660
SUB-12446	1340	0.370355
SUB-12448	1210	100.000000
SUB-12450	1210	100.000000
SUB-12452	1210	100.000000
SUB-12454	1210	86.514099
SUB-12454	1710	13.485901
SUB-12456	1210	87.935771
SUB-12456	1710	12.064229
SUB-12458	1210	76.399801

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SUB-12458        1411     23.600199

[COND_QUALITY]

[BUILDUP]

[WASHOFF]

[TREATMENT]

[DWF]

[LOADINGS]

[CURVES]
02WELLS  PUMP3    0.000000 22.000000
02WELLS  1.000000 22.000000
02WELLS  2.000000 22.000000
02WELLS  3.000000 22.000000
02WELLS  4.000000 22.000000
04WELLS  PUMP3    0.000000 44.000000
04WELLS  1.000000 44.000000
04WELLS  2.000000 44.000000
04WELLS  3.000000 44.000000
04WELLS  4.000000 44.000000
06WELLS  PUMP3    0.000000 65.000000
06WELLS  1.000000 65.000000
06WELLS  2.000000 65.000000
06WELLS  3.000000 65.000000
06WELLS  4.000000 65.000000
08WELLS  PUMP3    0.000000 88.000000
08WELLS  1.000000 88.000000
08WELLS  2.000000 88.000000
08WELLS  3.000000 88.000000
08WELLS  4.000000 88.000000
10WELLS  PUMP3    0.000000 60.000000
10WELLS  1.000000 60.000000
10WELLS  2.000000 60.000000
10WELLS  3.000000 60.000000
10WELLS  4.000000 60.000000
1W       RATING   0.000000 0.000000
1W       0.250000 0.544000
1W       0.500000 1.089000
1W       1.000000 2.178000
1W       2.000000 4.356000
1W       3.000000 6.534000
1W       4.000000 8.711000
1W-ENID  RATING   0.000000 0.000000
1W-ENID  0.250000 0.710000
1W-ENID  0.500000 1.420000
1W-ENID  1.000000 2.841000
1W-ENID  10.000000        2.841000
2C-ENID  RATING   0.000000 0.000000
2C-ENID  0.250000 0.710000
2C-ENID  0.500000 1.420000
2C-ENID  1.000000 2.841000
2C-ENID  10.000000        2.841000
2E       RATING   0.000000 0.000000
2E       0.250000 0.521000
2E       0.500000 1.042000
2E       1.000000 2.083000
2E       2.000000 4.166000
2E       3.000000 6.250000
2E       4.000000 8.333000
3-A      RATING   0.000000 0.000000
3-A      0.250000 0.303000
3-A      0.500000 0.606000
3-A      1.000000 1.212000
3-A      10.000000        1.212000
3-B      RATING   0.000000 0.000000
3-B      0.250000 0.156000
3-B      0.500000 0.312000
3-B      1.000000 0.625000
3-B      10.000000        0.625000
3-C      RATING   0.000000 0.000000
3-C      0.250000 0.568000
3-C      0.500000 1.136000
3-C      1.000000 2.273000
3-C      10.000000        2.273000
3-D      RATING   0.000000 0.000000
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3-D      0.250000 0.237000
3-D      0.500000 0.473000
3-D      1.000000 0.947000
3-D      10.000000        0.947000
3W       RATING   0.000000 0.000000
3W       0.250000 0.710000
3W       0.500000 1.420000
3W       1.000000 2.841000
3W       2.000000 5.681000
3W       3.000000 8.522000
3W       4.000000 11.363000
4-11     RATING   0.000000 0.000000
4-11     0.500000 0.920000
4-11     1.000000 1.800000
4-11     2.000000 3.550000
4-11     3.000000 5.050000
4-11     4.000000 5.990000
4E       RATING   0.000000 0.000000
4E       0.500000 3.930000
4E       1.000000 7.700000
4E       2.000000 15.230000
4E       3.000000 21.650000
4E       4.000000 25.660000
5-15     RATING   0.000000 0.000000
5-15     0.500000 1.670000
5-15     1.000000 3.300000
5-15     10.000000        3.300000
6-A      RATING   0.000000 0.000000
6-A      0.500000 0.983000
6-A      1.000000 1.952000
6-A      10.000000        1.952000
6-B      RATING   0.000000 0.000000
6-B      0.250000 0.568000
6-B      0.500000 1.136000
6-B      1.000000 2.273000
6-B      2.000000 4.545000
6-B      3.000000 6.818000
6-B      4.000000 9.090000
6-C      RATING   0.000000 0.000000
6-C      0.250000 0.568000
6-C      0.500000 1.136000
6-C      1.000000 2.273000
6-C      10.000000        2.273000
6-D      RATING   0.000000 0.000000
6-D      0.500000 1.965000
6-D      1.000000 3.850000
6-D      10.000000        3.850000
7-A      RATING   0.000000 0.000000
7-A      0.250000 0.360000
7-A      0.500000 0.720000
7-A      1.000000 1.439000
7-A      10.000000        1.439000
7-B      RATING   0.000000 0.000000
7-B      0.250000 0.426000
7-B      0.500000 0.852000
7-B      1.000000 1.704000
7-B      10.000000        1.704000
7-C      RATING   0.000000 0.000000
7-C      0.250000 0.710000
7-C      0.500000 1.420000
7-C      1.000000 2.841000
7-C      10.000000        2.841000
7-D      RATING   0.000000 0.000000
7-D      0.500000 2.360000
7-D      1.000000 4.620000
7-D      10.000000        4.620000
8-A      RATING   0.000000 0.000000
8-A      0.500000 1.050000
8-A      1.000000 2.055000
8-A      10.000000        2.055000
8-B      RATING   0.000000 0.000000
8-B      0.500000 0.720000
8-B      1.000000 1.410000
8-B      10.000000        1.410000
8-C      RATING   0.000000 0.000000
8-C      0.500000 1.965000
8-C      1.000000 3.850000
8-C      10.000000        3.850000
C-TIDE   TIDAL    0.000000 -0.960000
C-TIDE   1.000000 -0.960000
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C-TIDE   2.000000 -1.200000
C-TIDE   3.000000 -1.340000
C-TIDE   4.000000 -1.110000
C-TIDE   5.000000 -0.680000
C-TIDE   6.000000 -0.260000
C-TIDE   7.000000 0.140000
C-TIDE   8.000000 0.500000
C-TIDE   9.000000 0.603000
C-TIDE   10.000000        0.480000
C-TIDE   11.000000        0.120000
C-TIDE   12.000000        -0.200000
C-TIDE   13.000000        -0.510000
C-TIDE   14.000000        -0.750000
C-TIDE   15.000000        -0.852000
C-TIDE   16.000000        -0.717000
C-TIDE   17.000000        -0.420000
C-TIDE   18.000000        -0.090000
C-TIDE   19.000000        0.240000
C-TIDE   20.000000        0.510000
C-TIDE   21.000000        0.605000
C-TIDE   22.000000        0.470000
C-TIDE   23.000000        0.120000
C-TIDE   24.000000        -0.220000
C-TIDE   25.000000        -0.560000
C-TIDE   26.000000        -0.850000
C-TIDE   27.000000        -1.050000
C-TIDE   28.000000        -1.090000
C-TIDE   29.000000        -0.720000
C-TIDE   30.000000        -0.410000
C-TIDE   31.000000        -0.010000
C-TIDE   32.000000        0.340000
C-TIDE   33.000000        0.597000
C-TIDE   34.000000        0.631000
C-TIDE   35.000000        0.400000
C-TIDE   36.000000        0.080000
C-TIDE   37.000000        -0.190000
C-TIDE   38.000000        -0.500000
C-TIDE   39.000000        -0.660000
C-TIDE   40.000000        -0.770000
C-TIDE   41.000000        -0.630000
C-TIDE   42.000000        -0.400000
C-TIDE   43.000000        -0.120000
C-TIDE   44.000000        0.170000
C-TIDE   45.000000        0.380000
C-TIDE   46.000000        0.390000
C-TIDE   47.000000        0.190000
C-TIDE   48.000000        -0.140000
C-TIDE   49.000000        -0.470000
C-TIDE   50.000000        -0.770000
C-TIDE   51.000000        -1.050000
C-TIDE   52.000000        -1.220000
C-TIDE   53.000000        -1.200000
C-TIDE   54.000000        -0.876000
C-TIDE   55.000000        -0.498000
C-TIDE   56.000000        -0.104000
C-TIDE   57.000000        0.204000
C-TIDE   58.000000        0.388000
C-TIDE   59.000000        0.372000
C-TIDE   60.000000        0.134000
C-TIDE   61.000000        -0.138000
C-TIDE   62.000000        -0.434000
C-TIDE   63.000000        -0.716000
C-TIDE   64.000000        -0.916000
C-TIDE   65.000000        -0.995000
C-TIDE   66.000000        -0.842000
C-TIDE   67.000000        -0.572000
C-TIDE   68.000000        -0.310000
C-TIDE   69.000000        -0.030000
C-TIDE   70.000000        0.160000
C-TIDE   71.000000        0.210000
C-TIDE   72.000000        0.060000
INJECTION         RATING   0.500000 1.120000
INJECTION         1.000000 2.230000
INJECTION         2.000000 4.460000
INJECTION         3.000000 6.700000
INJECTION         4.000000 8.930000
PROP-10W RATING   0.000000 0.000000
PROP-10W 1.000000 22.000000
PROP-10W 2.000000 44.000000
PROP-10W 3.000000 66.000000
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PROP-2W  RATING   0.000000 0.000000
PROP-2W  3.000000 17.000000
PROP-5W  RATING   0.000000 0.000000
PROP-5W  1.000000 11.160000
PROP-5W  2.000000 22.320000
PROP-5W  3.000000 33.481000
PS-HC1   PUMP3    0.000000 8.000000
PS-HC1   1.000000 8.000000
PS-HC1   2.000000 8.000000
PS-HC1   3.000000 8.000000
PS-OL1   PUMP3    0.000000 2.000000
PS-OL1   1.000000 2.000000
PS-OL1   2.000000 2.000000
PS-OL1   3.000000 2.000000
PS-OL1   16.000000        8.910000
S-20     RATING   0.000000 0.000000
S-20     0.500000 1.440000
S-20     1.000000 2.820000
S-20     10.000000        2.820000
S13W     RATING   0.000000 0.000000
S13W     0.250000 0.710000
S13W     0.500000 1.420000
S13W     1.000000 2.841000
S13W     10.000000        2.841000
STD-2400GPM      RATING   0.000000 0.000000
STD-2400GPM      0.500000 0.655000
STD-2400GPM      1.000000 1.285000
STDWELL  RATING   0.000000 0.000000
STDWELL  0.850000 1.897000
STDWELLX2        RATING   0.000000 0.000000
STDWELLX2        0.850000 3.795000
STDWELLX2        10.000000        3.795000
WET-WELL STORAGE  1.000000 201.000000
WET-WELL 2.000000 201.000000
WET-WELL 3.000000 201.000000
WET-WELL 4.000000 201.000000
WET-WELL 5.000000 201.000000
WET-WELL 6.000000 201.000000
WET-WELL 7.000000 201.000000
WET-WELL 8.000000 201.000000
WET-WELL 9.000000 201.000000
WET-WELL 10.000000        201.000000
WET-WELL 11.000000        201.000000
WET-WELL 12.000000        201.000000
WET-WELL 13.000000        201.000000
WET-WELL 14.000000        201.000000
WET-WELL 15.000000        201.000000
WET-WELL 16.000000        201.000000
W-ENID-DRIVE_STDWELLX2  RATING    0.000000 0.000000
W-ENID-DRIVE_STDWELLX2    0.850000 3.795000
W-ENID-DRIVE_STDWELLX2    10.000000        3.795000

WELL-W-MCINTYRE_STDWELLX2  RATING  0.000000 0.000000
WELL-W-MCINTYRE_STDWELLX2 0.850000 3.795000
WELL-W-MCINTYRE_STDWELLX2 10.000000        3.795000


[TIMESERIES]
5YR72HRSTORM     0        0.000000
5YR72HRSTORM     0.250000 0.010000
5YR72HRSTORM     0.500000 0.020000
5YR72HRSTORM     0.750000 0.030000
5YR72HRSTORM     1        0.040000
5YR72HRSTORM     1.250000 0.050000
5YR72HRSTORM     1.500000 0.050000
5YR72HRSTORM     1.750000 0.070000
5YR72HRSTORM     2        0.070000
5YR72HRSTORM     2.250000 0.080000
5YR72HRSTORM     2.500000 0.090000
5YR72HRSTORM     2.750000 0.100000
5YR72HRSTORM     3        0.110000
5YR72HRSTORM     3.250000 0.120000
5YR72HRSTORM     3.500000 0.130000
5YR72HRSTORM     3.750000 0.140000
5YR72HRSTORM     4        0.140000
5YR72HRSTORM     4.250000 0.160000
5YR72HRSTORM     4.500000 0.160000
5YR72HRSTORM     4.750000 0.170000
5YR72HRSTORM     5        0.180000
5YR72HRSTORM     5.250000 0.190000
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5YR72HRSTORM     5.500000 0.200000
5YR72HRSTORM     5.750000 0.210000
5YR72HRSTORM     6        0.220000
5YR72HRSTORM     6.250000 0.230000
5YR72HRSTORM     6.500000 0.240000
5YR72HRSTORM     6.750000 0.250000
5YR72HRSTORM     7        0.260000
5YR72HRSTORM     7.250000 0.260000
5YR72HRSTORM     7.500000 0.280000
5YR72HRSTORM     7.750000 0.280000
5YR72HRSTORM     8        0.290000
5YR72HRSTORM     8.250000 0.300000
5YR72HRSTORM     8.500000 0.310000
5YR72HRSTORM     8.750000 0.320000
5YR72HRSTORM     9        0.330000
5YR72HRSTORM     9.250000 0.340000
5YR72HRSTORM     9.500000 0.350000
5YR72HRSTORM     9.750000 0.350000
5YR72HRSTORM     10       0.370000
5YR72HRSTORM     10.250000        0.370000
5YR72HRSTORM     10.500000        0.380000
5YR72HRSTORM     10.750000        0.390000
5YR72HRSTORM     11       0.400000
5YR72HRSTORM     11.250000        0.410000
5YR72HRSTORM     11.500000        0.420000
5YR72HRSTORM     11.750000        0.430000
5YR72HRSTORM     12       0.440000
5YR72HRSTORM     12.250000        0.450000
5YR72HRSTORM     12.500000        0.460000
5YR72HRSTORM     12.750000        0.470000
5YR72HRSTORM     13       0.470000
5YR72HRSTORM     13.250000        0.490000
5YR72HRSTORM     13.500000        0.490000
5YR72HRSTORM     13.750000        0.500000
5YR72HRSTORM     14       0.510000
5YR72HRSTORM     14.250000        0.520000
5YR72HRSTORM     14.500000        0.530000
5YR72HRSTORM     14.750000        0.540000
5YR72HRSTORM     15       0.550000
5YR72HRSTORM     15.250000        0.560000
5YR72HRSTORM     15.500000        0.560000
5YR72HRSTORM     15.750000        0.580000
5YR72HRSTORM     16       0.580000
5YR72HRSTORM     16.250000        0.590000
5YR72HRSTORM     16.500000        0.600000
5YR72HRSTORM     16.750000        0.610000
5YR72HRSTORM     17       0.620000
5YR72HRSTORM     17.250000        0.630000
5YR72HRSTORM     17.500000        0.640000
5YR72HRSTORM     17.750000        0.650000
5YR72HRSTORM     18       0.660000
5YR72HRSTORM     18.250000        0.670000
5YR72HRSTORM     18.500000        0.680000
5YR72HRSTORM     18.750000        0.680000
5YR72HRSTORM     19       0.700000
5YR72HRSTORM     19.250000        0.700000
5YR72HRSTORM     19.500000        0.710000
5YR72HRSTORM     19.750000        0.720000
5YR72HRSTORM     20       0.730000
5YR72HRSTORM     20.250000        0.740000
5YR72HRSTORM     20.500000        0.750000
5YR72HRSTORM     20.750000        0.760000
5YR72HRSTORM     21       0.770000
5YR72HRSTORM     21.250000        0.770000
5YR72HRSTORM     21.500000        0.790000
5YR72HRSTORM     21.750000        0.790000
5YR72HRSTORM     22       0.800000
5YR72HRSTORM     22.250000        0.810000
5YR72HRSTORM     22.500000        0.820000
5YR72HRSTORM     22.750000        0.830000
5YR72HRSTORM     23       0.840000
5YR72HRSTORM     23.250000        0.850000
5YR72HRSTORM     23.500000        0.860000
5YR72HRSTORM     23.750000        0.860000
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5YR72HRSTORM     24.250000        0.890000
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100YR72HRSTORM   34.500000        2.390000
100YR72HRSTORM   34.750000        2.410000
100YR72HRSTORM   35       2.440000
100YR72HRSTORM   35.250000        2.460000
100YR72HRSTORM   35.500000        2.480000
100YR72HRSTORM   35.750000        2.500000
100YR72HRSTORM   36       2.520000
100YR72HRSTORM   36.250000        2.550000
100YR72HRSTORM   36.500000        2.570000
100YR72HRSTORM   36.750000        2.590000
100YR72HRSTORM   37       2.610000
100YR72HRSTORM   37.250000        2.640000
100YR72HRSTORM   37.500000        2.660000
100YR72HRSTORM   37.750000        2.680000
100YR72HRSTORM   38       2.700000
100YR72HRSTORM   38.250000        2.720000
100YR72HRSTORM   38.500000        2.750000
100YR72HRSTORM   38.750000        2.770000
100YR72HRSTORM   39       2.790000
100YR72HRSTORM   39.250000        2.810000
100YR72HRSTORM   39.500000        2.840000
100YR72HRSTORM   39.750000        2.860000
100YR72HRSTORM   40       2.880000
100YR72HRSTORM   40.250000        2.900000
100YR72HRSTORM   40.500000        2.920000
100YR72HRSTORM   40.750000        2.950000
100YR72HRSTORM   41       2.970000
100YR72HRSTORM   41.250000        2.990000
100YR72HRSTORM   41.500000        3.010000
100YR72HRSTORM   41.750000        3.040000
100YR72HRSTORM   42       3.060000
100YR72HRSTORM   42.250000        3.080000
100YR72HRSTORM   42.500000        3.100000
100YR72HRSTORM   42.750000        3.120000
100YR72HRSTORM   43       3.150000
100YR72HRSTORM   43.250000        3.170000
100YR72HRSTORM   43.500000        3.190000
```

```
100YR72HRSTORM   43.750000        3.210000
100YR72HRSTORM   44       3.240000
100YR72HRSTORM   44.250000        3.260000
100YR72HRSTORM   44.500000        3.280000
100YR72HRSTORM   44.750000        3.300000
100YR72HRSTORM   45       3.320000
100YR72HRSTORM   45.250000        3.350000
100YR72HRSTORM   45.500000        3.370000
100YR72HRSTORM   45.750000        3.390000
100YR72HRSTORM   46       3.410000
100YR72HRSTORM   46.250000        3.430000
100YR72HRSTORM   46.500000        3.460000
100YR72HRSTORM   46.750000        3.480000
100YR72HRSTORM   47       3.500000
100YR72HRSTORM   47.250000        3.520000
100YR72HRSTORM   47.500000        3.550000
100YR72HRSTORM   47.750000        3.570000
100YR72HRSTORM   48       3.590000
100YR72HRSTORM   48.250000        3.620000
100YR72HRSTORM   48.500000        3.640000
100YR72HRSTORM   48.750000        3.670000
100YR72HRSTORM   49       3.690000
100YR72HRSTORM   49.250000        3.720000
100YR72HRSTORM   49.500000        3.740000
100YR72HRSTORM   49.750000        3.770000
100YR72HRSTORM   50       3.790000
100YR72HRSTORM   50.250000        3.820000
100YR72HRSTORM   50.500000        3.850000
100YR72HRSTORM   50.750000        3.880000
100YR72HRSTORM   51       3.910000
100YR72HRSTORM   51.250000        3.940000
100YR72HRSTORM   51.500000        3.970000
100YR72HRSTORM   51.750000        4.000000
100YR72HRSTORM   52       4.040000
100YR72HRSTORM   52.250000        4.080000
100YR72HRSTORM   52.500000        4.120000
100YR72HRSTORM   52.750000        4.170000
100YR72HRSTORM   53       4.210000
100YR72HRSTORM   53.250000        4.260000
100YR72HRSTORM   53.500000        4.310000
100YR72HRSTORM   53.750000        4.370000
100YR72HRSTORM   54       4.420000
100YR72HRSTORM   54.250000        4.480000
100YR72HRSTORM   54.500000        4.540000
100YR72HRSTORM   54.750000        4.610000
100YR72HRSTORM   55       4.670000
100YR72HRSTORM   55.250000        4.740000
100YR72HRSTORM   55.500000        4.810000
100YR72HRSTORM   55.750000        4.880000
100YR72HRSTORM   56       4.960000
100YR72HRSTORM   56.250000        5.040000
100YR72HRSTORM   56.500000        5.120000
100YR72HRSTORM   56.750000        5.210000
100YR72HRSTORM   57       5.300000
100YR72HRSTORM   57.250000        5.400000
100YR72HRSTORM   57.500000        5.500000
100YR72HRSTORM   57.750000        5.610000
100YR72HRSTORM   58       5.720000
100YR72HRSTORM   58.250000        5.840000
100YR72HRSTORM   58.500000        5.960000
100YR72HRSTORM   58.750000        6.120000
100YR72HRSTORM   59       6.280000
100YR72HRSTORM   59.250000        6.530000
100YR72HRSTORM   59.500000        6.780000
100YR72HRSTORM   59.750000        8.470000
100YR72HRSTORM   60       10.150000
100YR72HRSTORM   60.250000        10.520000
100YR72HRSTORM   60.500000        10.880000
100YR72HRSTORM   60.750000        11.070000
100YR72HRSTORM   61       11.260000
100YR72HRSTORM   61.250000        11.400000
100YR72HRSTORM   61.500000        11.540000
100YR72HRSTORM   61.750000        11.660000
100YR72HRSTORM   62       11.770000
100YR72HRSTORM   62.250000        11.860000
100YR72HRSTORM   62.500000        11.940000
100YR72HRSTORM   62.750000        12.020000
100YR72HRSTORM   63       12.090000
100YR72HRSTORM   63.250000        12.170000
100YR72HRSTORM   63.500000        12.240000
```

```
100YR72HRSTORM   63.750000        12.320000
100YR72HRSTORM   64       12.390000
100YR72HRSTORM   64.250000        12.430000
100YR72HRSTORM   64.500000        12.480000
100YR72HRSTORM   64.750000        12.530000
100YR72HRSTORM   65       12.570000
100YR72HRSTORM   65.250000        12.620000
100YR72HRSTORM   65.500000        12.660000
100YR72HRSTORM   65.750000        12.710000
100YR72HRSTORM   66       12.750000
100YR72HRSTORM   66.250000        12.800000
100YR72HRSTORM   66.500000        12.840000
100YR72HRSTORM   66.750000        12.890000
100YR72HRSTORM   67       12.930000
100YR72HRSTORM   67.250000        12.980000
100YR72HRSTORM   67.500000        13.020000
100YR72HRSTORM   67.750000        13.070000
100YR72HRSTORM   68       13.110000
100YR72HRSTORM   68.250000        13.140000
100YR72HRSTORM   68.500000        13.170000
100YR72HRSTORM   68.750000        13.200000
100YR72HRSTORM   69       13.230000
100YR72HRSTORM   69.250000        13.260000
100YR72HRSTORM   69.500000        13.290000
100YR72HRSTORM   69.750000        13.320000
100YR72HRSTORM   70       13.350000
100YR72HRSTORM   70.250000        13.380000
100YR72HRSTORM   70.500000        13.410000
100YR72HRSTORM   70.750000        13.440000
100YR72HRSTORM   71       13.470000
100YR72HRSTORM   71.250000        13.500000
100YR72HRSTORM   71.500000        13.530000
100YR72HRSTORM   71.750000        13.560000
100YR72HRSTORM   72       13.590000


[PATTERNS]

[REPORT]
INPUT NO
CONTINUITY YES
FLOWSTATS YES
CONTROLS NO
SUBCATCHMENTS  NONE
NODES  NONE
LINKS  NONE
```

APPENDIX F

Solution H&H Model Results Report

```
  ------------------------------------------------------------
    US-EPA Storm Water Management Model - Version 5.1 (Build 5.1.007)
  ------------------------------------------------------------

Warning 04: minimum elevation drop 0.001 used for Conduit CDT-101
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-103
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-105
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-107
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-109
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-111
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-113
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-115
Warning 03: negative offset -1.060 ignored for Link CDT-121
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-123
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-125
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-173
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-175
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-177
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-181
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-183
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-185
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-187
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-189
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-191
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-193
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-195
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-197
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-199
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-201
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-205
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-207
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-209
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-211
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-213
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-215
Warning 03: negative offset -0.500 ignored for Link CDT-217
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-219
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-221
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-223
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-225
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-227
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-229
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-231
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-233
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-235
Warning 03: negative offset -1.200 ignored for Link CDT-237
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-239
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-241
Warning 03: negative offset -1.200 ignored for Link CDT-243
Warning 03: negative offset -1.200 ignored for Link CDT-245
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-247
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-249
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-251
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-253
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-255
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-257
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-259
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-261
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-263
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-265
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-267
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-269
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-271
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-273
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-275
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-277
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-279
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-281
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-283
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-285
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-287
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-289
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-291
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-293
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-295
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-297
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-299
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-439
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-493
```

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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-495
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-525
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-87
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-91
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-93
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-95
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-97
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-99
Warning 04: minimum elevation drop 0.001 used for Conduit J-963_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J561_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J575_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J920_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit LINK-WELL-2
Warning 04: minimum elevation drop 0.001 used for Conduit U-1
Warning 04: minimum elevation drop 0.001 used for Conduit U-100
Warning 04: minimum elevation drop 0.001 used for Conduit U-101
Warning 04: minimum elevation drop 0.001 used for Conduit U-102
Warning 04: minimum elevation drop 0.001 used for Conduit U-103
Warning 04: minimum elevation drop 0.001 used for Conduit U-104
Warning 04: minimum elevation drop 0.001 used for Conduit U-105
Warning 04: minimum elevation drop 0.001 used for Conduit U-11
Warning 04: minimum elevation drop 0.001 used for Conduit U-110
Warning 04: minimum elevation drop 0.001 used for Conduit U-112
Warning 04: minimum elevation drop 0.001 used for Conduit U-113
Warning 04: minimum elevation drop 0.001 used for Conduit U-114
Warning 04: minimum elevation drop 0.001 used for Conduit U-118
Warning 04: minimum elevation drop 0.001 used for Conduit U-121
Warning 04: minimum elevation drop 0.001 used for Conduit U-122
Warning 04: minimum elevation drop 0.001 used for Conduit U-125
Warning 04: minimum elevation drop 0.001 used for Conduit U-129
Warning 04: minimum elevation drop 0.001 used for Conduit U-13
Warning 04: minimum elevation drop 0.001 used for Conduit U-131
Warning 04: minimum elevation drop 0.001 used for Conduit U-141
Warning 04: minimum elevation drop 0.001 used for Conduit U-142
Warning 04: minimum elevation drop 0.001 used for Conduit U-147
Warning 03: negative offset -0.500 ignored for Link U-15
Warning 04: minimum elevation drop 0.001 used for Conduit U-150
Warning 04: minimum elevation drop 0.001 used for Conduit U-153
Warning 04: minimum elevation drop 0.001 used for Conduit U-155
Warning 04: minimum elevation drop 0.001 used for Conduit U-156
Warning 04: minimum elevation drop 0.001 used for Conduit U-158
Warning 04: minimum elevation drop 0.001 used for Conduit U-16
Warning 04: minimum elevation drop 0.001 used for Conduit U-160
Warning 04: minimum elevation drop 0.001 used for Conduit U-161
Warning 04: minimum elevation drop 0.001 used for Conduit U-165
Warning 04: minimum elevation drop 0.001 used for Conduit U-167
Warning 04: minimum elevation drop 0.001 used for Conduit U-171
Warning 04: minimum elevation drop 0.001 used for Conduit U-172
Warning 04: minimum elevation drop 0.001 used for Conduit U-176
Warning 04: minimum elevation drop 0.001 used for Conduit U-177
Warning 04: minimum elevation drop 0.001 used for Conduit U-18
Warning 04: minimum elevation drop 0.001 used for Conduit U-181
Warning 04: minimum elevation drop 0.001 used for Conduit U-184
Warning 04: minimum elevation drop 0.001 used for Conduit U-186
Warning 04: minimum elevation drop 0.001 used for Conduit U-191
Warning 04: minimum elevation drop 0.001 used for Conduit U-193
Warning 04: minimum elevation drop 0.001 used for Conduit U-195
Warning 04: minimum elevation drop 0.001 used for Conduit U-196
Warning 04: minimum elevation drop 0.001 used for Conduit U-197
Warning 04: minimum elevation drop 0.001 used for Conduit U-199
Warning 04: minimum elevation drop 0.001 used for Conduit U-20
Warning 04: minimum elevation drop 0.001 used for Conduit U-200
Warning 04: minimum elevation drop 0.001 used for Conduit U-201
Warning 04: minimum elevation drop 0.001 used for Conduit U-202
Warning 04: minimum elevation drop 0.001 used for Conduit U-203
Warning 04: minimum elevation drop 0.001 used for Conduit U-204
Warning 04: minimum elevation drop 0.001 used for Conduit U-206
Warning 04: minimum elevation drop 0.001 used for Conduit U-207
Warning 04: minimum elevation drop 0.001 used for Conduit U-208
Warning 04: minimum elevation drop 0.001 used for Conduit U-211
Warning 04: minimum elevation drop 0.001 used for Conduit U-213
Warning 04: minimum elevation drop 0.001 used for Conduit U-22
Warning 04: minimum elevation drop 0.001 used for Conduit U-220
Warning 04: minimum elevation drop 0.001 used for Conduit U-221
Warning 04: minimum elevation drop 0.001 used for Conduit U-227
Warning 04: minimum elevation drop 0.001 used for Conduit U-228
Warning 04: minimum elevation drop 0.001 used for Conduit U-231
Warning 04: minimum elevation drop 0.001 used for Conduit U-233
Warning 04: minimum elevation drop 0.001 used for Conduit U-237
Warning 04: minimum elevation drop 0.001 used for Conduit U-239
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-240
Warning 04: minimum elevation drop 0.001 used for Conduit U-242
Warning 04: minimum elevation drop 0.001 used for Conduit U-244
Warning 04: minimum elevation drop 0.001 used for Conduit U-245
Warning 04: minimum elevation drop 0.001 used for Conduit U-249
Warning 04: minimum elevation drop 0.001 used for Conduit U-25
Warning 04: minimum elevation drop 0.001 used for Conduit U-251
Warning 04: minimum elevation drop 0.001 used for Conduit U-253
Warning 04: minimum elevation drop 0.001 used for Conduit U-254
Warning 04: minimum elevation drop 0.001 used for Conduit U-256
Warning 04: minimum elevation drop 0.001 used for Conduit U-259
Warning 04: minimum elevation drop 0.001 used for Conduit U-26
Warning 04: minimum elevation drop 0.001 used for Conduit U-260
Warning 04: minimum elevation drop 0.001 used for Conduit U-261
Warning 04: minimum elevation drop 0.001 used for Conduit U-262-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-267
Warning 04: minimum elevation drop 0.001 used for Conduit U-270
Warning 04: minimum elevation drop 0.001 used for Conduit U-271
Warning 04: minimum elevation drop 0.001 used for Conduit U-274
Warning 04: minimum elevation drop 0.001 used for Conduit U-277
Warning 04: minimum elevation drop 0.001 used for Conduit U-28
Warning 04: minimum elevation drop 0.001 used for Conduit U-280
Warning 04: minimum elevation drop 0.001 used for Conduit U-286
Warning 04: minimum elevation drop 0.001 used for Conduit U-289
Warning 04: minimum elevation drop 0.001 used for Conduit U-29
Warning 04: minimum elevation drop 0.001 used for Conduit U-290
Warning 04: minimum elevation drop 0.001 used for Conduit U-291
Warning 04: minimum elevation drop 0.001 used for Conduit U-293
Warning 04: minimum elevation drop 0.001 used for Conduit U-294
Warning 04: minimum elevation drop 0.001 used for Conduit U-295
Warning 04: minimum elevation drop 0.001 used for Conduit U-298
Warning 04: minimum elevation drop 0.001 used for Conduit U-299
Warning 04: minimum elevation drop 0.001 used for Conduit U-300
Warning 04: minimum elevation drop 0.001 used for Conduit U-304
Warning 04: minimum elevation drop 0.001 used for Conduit U-308
Warning 04: minimum elevation drop 0.001 used for Conduit U-308A
Warning 04: minimum elevation drop 0.001 used for Conduit U-309
Warning 04: minimum elevation drop 0.001 used for Conduit U-312
Warning 04: minimum elevation drop 0.001 used for Conduit U-315
Warning 04: minimum elevation drop 0.001 used for Conduit U-316
Warning 04: minimum elevation drop 0.001 used for Conduit U-319
Warning 04: minimum elevation drop 0.001 used for Conduit U-322
Warning 04: minimum elevation drop 0.001 used for Conduit U-325
Warning 04: minimum elevation drop 0.001 used for Conduit U-327
Warning 04: minimum elevation drop 0.001 used for Conduit U-328
Warning 03: negative offset -1.000 ignored for Link U-330
Warning 03: negative offset -1.000 ignored for Link U-332
Warning 04: minimum elevation drop 0.001 used for Conduit U-335
Warning 04: minimum elevation drop 0.001 used for Conduit U-34
Warning 04: minimum elevation drop 0.001 used for Conduit U-341
Warning 04: minimum elevation drop 0.001 used for Conduit U-344
Warning 04: minimum elevation drop 0.001 used for Conduit U-346
Warning 04: minimum elevation drop 0.001 used for Conduit U-347
Warning 04: minimum elevation drop 0.001 used for Conduit U-348
Warning 04: minimum elevation drop 0.001 used for Conduit U-35
Warning 04: minimum elevation drop 0.001 used for Conduit U-351
Warning 04: minimum elevation drop 0.001 used for Conduit U-352
Warning 04: minimum elevation drop 0.001 used for Conduit U-353
Warning 04: minimum elevation drop 0.001 used for Conduit U-354
Warning 04: minimum elevation drop 0.001 used for Conduit U-357
Warning 04: minimum elevation drop 0.001 used for Conduit U-358
Warning 04: minimum elevation drop 0.001 used for Conduit U-364
Warning 04: minimum elevation drop 0.001 used for Conduit U-364A
Warning 04: minimum elevation drop 0.001 used for Conduit U-366
Warning 04: minimum elevation drop 0.001 used for Conduit U-37
Warning 04: minimum elevation drop 0.001 used for Conduit U-372
Warning 04: minimum elevation drop 0.001 used for Conduit U-373
Warning 04: minimum elevation drop 0.001 used for Conduit U-379
Warning 04: minimum elevation drop 0.001 used for Conduit U-38
Warning 04: minimum elevation drop 0.001 used for Conduit U-382
Warning 04: minimum elevation drop 0.001 used for Conduit U-385
Warning 04: minimum elevation drop 0.001 used for Conduit U-386
Warning 04: minimum elevation drop 0.001 used for Conduit U-388
Warning 04: minimum elevation drop 0.001 used for Conduit U-390
Warning 03: negative offset -1.000 ignored for Link U-391
Warning 03: negative offset -0.500 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-394
Warning 04: minimum elevation drop 0.001 used for Conduit U-397
Warning 04: minimum elevation drop 0.001 used for Conduit U-398
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-399
Warning 04: minimum elevation drop 0.001 used for Conduit U-402
Warning 04: minimum elevation drop 0.001 used for Conduit U-404
Warning 04: minimum elevation drop 0.001 used for Conduit U-406
Warning 04: minimum elevation drop 0.001 used for Conduit U-407
Warning 03: negative offset -0.030 ignored for Link U-408
Warning 03: negative offset -0.030 ignored for Link U-409
Warning 04: minimum elevation drop 0.001 used for Conduit U-411
Warning 04: minimum elevation drop 0.001 used for Conduit U-412
Warning 04: minimum elevation drop 0.001 used for Conduit U-413
Warning 04: minimum elevation drop 0.001 used for Conduit U-414
Warning 04: minimum elevation drop 0.001 used for Conduit U-415
Warning 04: minimum elevation drop 0.001 used for Conduit U-416
Warning 04: minimum elevation drop 0.001 used for Conduit U-417
Warning 04: minimum elevation drop 0.001 used for Conduit U-418
Warning 03: negative offset -1.060 ignored for Link U-419
Warning 04: minimum elevation drop 0.001 used for Conduit U-420
Warning 04: minimum elevation drop 0.001 used for Conduit U-421
Warning 04: minimum elevation drop 0.001 used for Conduit U-423
Warning 04: minimum elevation drop 0.001 used for Conduit U-428
Warning 04: minimum elevation drop 0.001 used for Conduit U-430
Warning 04: minimum elevation drop 0.001 used for Conduit U-434
Warning 04: minimum elevation drop 0.001 used for Conduit U-437
Warning 04: minimum elevation drop 0.001 used for Conduit U-439
Warning 04: minimum elevation drop 0.001 used for Conduit U-48
Warning 04: minimum elevation drop 0.001 used for Conduit U-481
Warning 04: minimum elevation drop 0.001 used for Conduit U-483
Warning 04: minimum elevation drop 0.001 used for Conduit U-496
Warning 04: minimum elevation drop 0.001 used for Conduit U-497
Warning 04: minimum elevation drop 0.001 used for Conduit U-498
Warning 04: minimum elevation drop 0.001 used for Conduit U-50
Warning 04: minimum elevation drop 0.001 used for Conduit U-501
Warning 04: minimum elevation drop 0.001 used for Conduit U-513
Warning 04: minimum elevation drop 0.001 used for Conduit U-518-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-522
Warning 04: minimum elevation drop 0.001 used for Conduit U-523
Warning 04: minimum elevation drop 0.001 used for Conduit U-525
Warning 04: minimum elevation drop 0.001 used for Conduit U-526
Warning 04: minimum elevation drop 0.001 used for Conduit U-527
Warning 04: minimum elevation drop 0.001 used for Conduit U-53
Warning 04: minimum elevation drop 0.001 used for Conduit U-531
Warning 04: minimum elevation drop 0.001 used for Conduit U-534-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-54
Warning 04: minimum elevation drop 0.001 used for Conduit U-545
Warning 04: minimum elevation drop 0.001 used for Conduit U-55
Warning 04: minimum elevation drop 0.001 used for Conduit U-557
Warning 04: minimum elevation drop 0.001 used for Conduit U-559
Warning 04: minimum elevation drop 0.001 used for Conduit U-56
Warning 04: minimum elevation drop 0.001 used for Conduit U-562
Warning 04: minimum elevation drop 0.001 used for Conduit U-565
Warning 04: minimum elevation drop 0.001 used for Conduit U-568
Warning 04: minimum elevation drop 0.001 used for Conduit U-569
Warning 04: minimum elevation drop 0.001 used for Conduit U-572
Warning 04: minimum elevation drop 0.001 used for Conduit U-580
Warning 04: minimum elevation drop 0.001 used for Conduit U-583
Warning 04: minimum elevation drop 0.001 used for Conduit U-584
Warning 04: minimum elevation drop 0.001 used for Conduit U-587
Warning 04: minimum elevation drop 0.001 used for Conduit U-589
Warning 04: minimum elevation drop 0.001 used for Conduit U-590
Warning 04: minimum elevation drop 0.001 used for Conduit U-591
Warning 04: minimum elevation drop 0.001 used for Conduit U-596
Warning 04: minimum elevation drop 0.001 used for Conduit U-599
Warning 04: minimum elevation drop 0.001 used for Conduit U-60
Warning 04: minimum elevation drop 0.001 used for Conduit U-601
Warning 04: minimum elevation drop 0.001 used for Conduit U-604
Warning 04: minimum elevation drop 0.001 used for Conduit U-608
Warning 04: minimum elevation drop 0.001 used for Conduit U-609
Warning 04: minimum elevation drop 0.001 used for Conduit U-612
Warning 03: negative offset -1.000 ignored for Link U-614
Warning 04: minimum elevation drop 0.001 used for Conduit U-616
Warning 04: minimum elevation drop 0.001 used for Conduit U-618
Warning 04: minimum elevation drop 0.001 used for Conduit U-62
Warning 04: minimum elevation drop 0.001 used for Conduit U-621
Warning 04: minimum elevation drop 0.001 used for Conduit U-623
Warning 04: minimum elevation drop 0.001 used for Conduit U-624
Warning 04: minimum elevation drop 0.001 used for Conduit U-625
Warning 04: minimum elevation drop 0.001 used for Conduit U-628
Warning 04: minimum elevation drop 0.001 used for Conduit U-629
Warning 04: minimum elevation drop 0.001 used for Conduit U-632
Warning 03: negative offset -1.000 ignored for Link U-633
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Warning 03: negative offset -1.000 ignored for Link U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-637
Warning 04: minimum elevation drop 0.001 used for Conduit U-64
Warning 04: minimum elevation drop 0.001 used for Conduit U-640
Warning 04: minimum elevation drop 0.001 used for Conduit U-643
Warning 04: minimum elevation drop 0.001 used for Conduit U-646
Warning 04: minimum elevation drop 0.001 used for Conduit U-648
Warning 04: minimum elevation drop 0.001 used for Conduit U-649
Warning 04: minimum elevation drop 0.001 used for Conduit U-651
Warning 04: minimum elevation drop 0.001 used for Conduit U-652
Warning 04: minimum elevation drop 0.001 used for Conduit U-653
Warning 04: minimum elevation drop 0.001 used for Conduit U-656
Warning 04: minimum elevation drop 0.001 used for Conduit U-657
Warning 04: minimum elevation drop 0.001 used for Conduit U-659-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-66
Warning 04: minimum elevation drop 0.001 used for Conduit U-663
Warning 04: minimum elevation drop 0.001 used for Conduit U-668
Warning 04: minimum elevation drop 0.001 used for Conduit U-671
Warning 04: minimum elevation drop 0.001 used for Conduit U-674
Warning 04: minimum elevation drop 0.001 used for Conduit U-675
Warning 04: minimum elevation drop 0.001 used for Conduit U-678
Warning 04: minimum elevation drop 0.001 used for Conduit U-68
Warning 04: minimum elevation drop 0.001 used for Conduit U-681
Warning 04: minimum elevation drop 0.001 used for Conduit U-682
Warning 04: minimum elevation drop 0.001 used for Conduit U-685
Warning 04: minimum elevation drop 0.001 used for Conduit U-686
Warning 04: minimum elevation drop 0.001 used for Conduit U-687
Warning 04: minimum elevation drop 0.001 used for Conduit U-688
Warning 04: minimum elevation drop 0.001 used for Conduit U-690
Warning 04: minimum elevation drop 0.001 used for Conduit U-694
Warning 04: minimum elevation drop 0.001 used for Conduit U-695
Warning 04: minimum elevation drop 0.001 used for Conduit U-696
Warning 04: minimum elevation drop 0.001 used for Conduit U-70
Warning 04: minimum elevation drop 0.001 used for Conduit U-704
Warning 04: minimum elevation drop 0.001 used for Conduit U-706
Warning 04: minimum elevation drop 0.001 used for Conduit U-707
Warning 04: minimum elevation drop 0.001 used for Conduit U-708
Warning 04: minimum elevation drop 0.001 used for Conduit U-71
Warning 04: minimum elevation drop 0.001 used for Conduit U-710
Warning 04: minimum elevation drop 0.001 used for Conduit U-711
Warning 04: minimum elevation drop 0.001 used for Conduit U-717
Warning 04: minimum elevation drop 0.001 used for Conduit U-718
Warning 04: minimum elevation drop 0.001 used for Conduit U-719
Warning 04: minimum elevation drop 0.001 used for Conduit U-720
Warning 04: minimum elevation drop 0.001 used for Conduit U-721-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-725
Warning 04: minimum elevation drop 0.001 used for Conduit U-727
Warning 04: minimum elevation drop 0.001 used for Conduit U-729
Warning 04: minimum elevation drop 0.001 used for Conduit U-73
Warning 04: minimum elevation drop 0.001 used for Conduit U-731
Warning 04: minimum elevation drop 0.001 used for Conduit U-732
Warning 04: minimum elevation drop 0.001 used for Conduit U-734
Warning 04: minimum elevation drop 0.001 used for Conduit U-736
Warning 04: minimum elevation drop 0.001 used for Conduit U-738
Warning 04: minimum elevation drop 0.001 used for Conduit U-74
Warning 04: minimum elevation drop 0.001 used for Conduit U-740
Warning 04: minimum elevation drop 0.001 used for Conduit U-741
Warning 04: minimum elevation drop 0.001 used for Conduit U-743
Warning 04: minimum elevation drop 0.001 used for Conduit U-745
Warning 04: minimum elevation drop 0.001 used for Conduit U-747
Warning 04: minimum elevation drop 0.001 used for Conduit U-749
Warning 04: minimum elevation drop 0.001 used for Conduit U-75
Warning 04: minimum elevation drop 0.001 used for Conduit U-751
Warning 04: minimum elevation drop 0.001 used for Conduit U-753
Warning 04: minimum elevation drop 0.001 used for Conduit U-755
Warning 04: minimum elevation drop 0.001 used for Conduit U-763
Warning 04: minimum elevation drop 0.001 used for Conduit U-766
Warning 04: minimum elevation drop 0.001 used for Conduit U-769
Warning 04: minimum elevation drop 0.001 used for Conduit U-77
Warning 04: minimum elevation drop 0.001 used for Conduit U-772
Warning 04: minimum elevation drop 0.001 used for Conduit U-775
Warning 04: minimum elevation drop 0.001 used for Conduit U-778
Warning 04: minimum elevation drop 0.001 used for Conduit U-783
Warning 04: minimum elevation drop 0.001 used for Conduit U-786
Warning 04: minimum elevation drop 0.001 used for Conduit U-789
Warning 04: minimum elevation drop 0.001 used for Conduit U-792
Warning 04: minimum elevation drop 0.001 used for Conduit U-795
Warning 04: minimum elevation drop 0.001 used for Conduit U-796
Warning 04: minimum elevation drop 0.001 used for Conduit U-801
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Warning 04: minimum elevation drop 0.001 used for Conduit U-804
Warning 04: minimum elevation drop 0.001 used for Conduit U-807
Warning 04: minimum elevation drop 0.001 used for Conduit U-81
Warning 04: minimum elevation drop 0.001 used for Conduit U-810
Warning 04: minimum elevation drop 0.001 used for Conduit U-811
Warning 04: minimum elevation drop 0.001 used for Conduit U-815
Warning 04: minimum elevation drop 0.001 used for Conduit U-816
Warning 04: minimum elevation drop 0.001 used for Conduit U-82
Warning 04: minimum elevation drop 0.001 used for Conduit U-820
Warning 04: minimum elevation drop 0.001 used for Conduit U-823
Warning 04: minimum elevation drop 0.001 used for Conduit U-826
Warning 04: minimum elevation drop 0.001 used for Conduit U-829
Warning 04: minimum elevation drop 0.001 used for Conduit U-83
Warning 04: minimum elevation drop 0.001 used for Conduit U-832
Warning 04: minimum elevation drop 0.001 used for Conduit U-833
Warning 04: minimum elevation drop 0.001 used for Conduit U-834-EAC
Warning 03: negative offset -0.388 ignored for Link U-835
Warning 03: negative offset -1.200 ignored for Link U-835
Warning 04: minimum elevation drop 0.001 used for Conduit U-838
Warning 04: minimum elevation drop 0.001 used for Conduit U-839
Warning 04: minimum elevation drop 0.001 used for Conduit U-840
Warning 04: minimum elevation drop 0.001 used for Conduit U-841
Warning 04: minimum elevation drop 0.001 used for Conduit U-842
Warning 04: minimum elevation drop 0.001 used for Conduit U-848
Warning 04: minimum elevation drop 0.001 used for Conduit U-851
Warning 04: minimum elevation drop 0.001 used for Conduit U-852
Warning 04: minimum elevation drop 0.001 used for Conduit U-854
Warning 04: minimum elevation drop 0.001 used for Conduit U-856
Warning 04: minimum elevation drop 0.001 used for Conduit U-858
Warning 04: minimum elevation drop 0.001 used for Conduit U-860
Warning 04: minimum elevation drop 0.001 used for Conduit U-863
Warning 03: negative offset -0.298 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-865
Warning 04: minimum elevation drop 0.001 used for Conduit U-866
Warning 03: negative offset -0.060 ignored for Link U-869
Warning 04: minimum elevation drop 0.001 used for Conduit U-872
Warning 04: minimum elevation drop 0.001 used for Conduit U-874-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-878
Warning 04: minimum elevation drop 0.001 used for Conduit U-879
Warning 04: minimum elevation drop 0.001 used for Conduit U-88
Warning 04: minimum elevation drop 0.001 used for Conduit U-885
Warning 04: minimum elevation drop 0.001 used for Conduit U-90
Warning 04: minimum elevation drop 0.001 used for Conduit U-91
Warning 04: minimum elevation drop 0.001 used for Conduit U-92
Warning 04: minimum elevation drop 0.001 used for Conduit U-96
Warning 04: minimum elevation drop 0.001 used for Conduit U-97
Warning 04: minimum elevation drop 0.001 used for Conduit U-98
Warning 04: minimum elevation drop 0.001 used for Conduit U-99
  WARNING 10: crest elevation is below downstream invert for regulator Link WEIR-63
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-19
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-21
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-23
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-25
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-27
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-29
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-31
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-33
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-35
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-37
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-39
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-41
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-43
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-45
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-49
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-51
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-53
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-55
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-57
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-59
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-61
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-63
  WARNING 10: crest elevation is below downstream invert for regulator Link J33A_OUTFALL
  WARNING 10: crest elevation is below downstream invert for regulator Link U-331
  WARNING 10: crest elevation is below downstream invert for regulator Link W-ENID-DRIVE
  WARNING 10: crest elevation is below downstream invert for regulator Link WELL-W-MCINTYRE
Warning 02: maximum depth 10.000 increased for Node J-180A
Warning 02: maximum depth 10.000 increased for Node J-195A
Warning 02: maximum depth 10.000 increased for Node J-223A
Warning 02: maximum depth 8.950 increased for Node J-268
```

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Warning 02: maximum depth 8.950 increased for Node J-284
Warning 02: maximum depth 9.500 increased for Node J-355A
Warning 02: maximum depth 8.950 increased for Node J-444-WEIR
Warning 02: maximum depth 7.950 increased for Node J-692-WEIR
Warning 02: maximum depth 10.000 increased for Node J-745A
Warning 02: maximum depth 10.000 increased for Node J-748A
Warning 02: maximum depth 10.000 increased for Node J-750A
Warning 02: maximum depth 9.500 increased for Node J-902

  ************************************************************
    NOTE: The summary statistics displayed in this report are
    based on results found at every computational time step,
    not just on results from each reporting time step.
  ************************************************************

  ********************
    Analysis Options
  ********************
  Flow Units ............... CFS
  Process Models:
    Rainfall/Runoff ........ YES
    RDII ................... NO
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Ponding Allowed ........ YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ JAN-01-2002 00:00:00
  Ending Date .............. JAN-04-2002 06:00:00
  Antecedent Dry Days ...... 5.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 00:05:00
  Routing Time Step ........ 4.00 sec
  Variable Time Step ....... YES
  Maximum Trials ........... 5
  Head Tolerance ........... 1.000000 ft


  *************************        Volume         Depth
  Runoff Quantity Continuity     acre-feet        inches
  *************************     ---------       -------
  Total Precipitation ......       280.154         8.150
  Evaporation Loss .........         0.000         0.000
  Infiltration Loss ........        46.381         1.349
  Surface Runoff ...........       183.818         5.347
  Final Surface Storage ....        50.082         1.457
  Continuity Error (%) .....        -0.046


  *************************        Volume        Volume
  Flow Routing Continuity        acre-feet      10^6 gal
  *************************     ---------     ---------
  Dry Weather Inflow .......         0.000         0.000
  Wet Weather Inflow .......       183.494        59.794
  Groundwater Inflow .......         0.000         0.000
  RDII Inflow ..............         0.000         0.000
  External Inflow ..........         0.000         0.000
  External Outflow .........       179.297        58.427
  Internal Outflow .........         0.000         0.000
  Evaporation Loss .........         0.000         0.000
  Exfiltration Loss ........         0.000         0.000
  Initial Stored Volume ....         0.033         0.011
  Final Stored Volume ......         5.345         1.742
  Continuity Error (%) .....        -0.607


  ****************************
    Highest Continuity Errors
  ****************************
  Node JCT-26-WEIR                        -135.53%    -0.7900
  Node J-566-WEIR                          -60.87%    -0.9118
  Node J-354B                              -47.24%    -1.6850
  Node J-188A                              -36.03%    -0.2320
  Node J-884                               -30.73%    -0.9801
  Node J-792                               -26.88%    -0.1795
  Node J-261-WEIR                          -23.23%    -0.3558
  Node J-748-WEIR-STANTEC                  -22.65%    -0.4219
```

```
Node J-82                                21.40%     0.1986
Node J-588                               20.82%     0.1544
Node J-618                               19.62%     0.1475
Node J-242                               17.94%     0.1031
Node J-632                               17.86%     0.1255
Node J-393                               17.68%     0.1733
Node J-953                              -17.50%    -0.4992
Node J-327                               17.45%     0.0643
Node J-444-WEIR                         -16.47%    -0.3351
Node J-174                               15.74%     0.0432
Node J-50                                15.11%     0.3188
Node J-468                               14.76%     0.1794
                                                   -4.8823 Mgal


*******************************
  Time-Step Critical Elements
*******************************
Link U-346 (9.46%)
Link U-300 (5.14%)
Link U-837 (3.73%)
Link U-155 (3.71%)
Link U-262-NEW (3.68%)
Link U-193 (3.34%)
Link U-308A (3.03%)
Link U-199 (2.93%)
Link U-295 (2.66%)
Link U-231 (2.49%)
Link U-599 (2.06%)
Link U-293 (1.87%)
Link U-25 (1.80%)
Link U-298 (1.58%)
Link U-496 (1.58%)
Link U-197 (1.56%)
Link U-732 (1.49%)
Link U-682 (1.47%)
Link U-587 (1.43%)
Link U-299 (1.41%)


***********************************
  Highest Flow Instability Indexes
***********************************
Link WEIR-53 (98)
Link U-221 (80)
Link U-725 (71)
Link U-407 (65)
Link U-25 (64)
Link U-11 (64)
Link WA-4-NEW (60)
Link U-841 (59)
Link U-572 (58)
Link U-386 (57)
Link U-204 (55)
Link U-531 (55)
Link U-688 (55)
Link U-208 (55)
Link U-392 (54)
Link U-112 (54)
Link U-242 (53)
Link U-717 (53)
Link U-15 (51)
Link U-207 (50)

*****************************
  Routing Time Step Summary
*****************************
Minimum Time Step           :     0.10 sec
Average Time Step           :     1.00 sec
Maximum Time Step           :     4.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     4.66
Percent Not Converging      :    82.47
Total Steps                 :   279688
Total Iterations            :  1303269
```

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
SUB-11856	8.15	0.00	0.00	1.30	5.81	0.29	3.28	0.713
SUB-11868	8.15	0.00	0.00	0.83	5.40	0.36	3.18	0.663
SUB-11924	8.15	0.00	0.00	1.48	5.63	0.43	4.75	0.691
SUB-11926	8.15	0.00	0.00	1.48	4.94	0.92	7.76	0.606
SUB-11930	8.15	0.00	0.00	1.48	5.67	0.31	3.43	0.695
SUB-11932	8.15	0.00	0.00	1.90	5.85	0.24	2.82	0.717
SUB-11936	8.15	0.00	0.00	1.07	5.12	0.20	1.95	0.628
SUB-11944	8.15	0.00	0.00	1.48	5.72	0.56	6.28	0.701
SUB-11948	8.15	0.00	0.00	1.48	5.54	0.50	5.28	0.680
SUB-11950	8.15	0.00	0.00	1.18	5.51	0.22	2.29	0.676
SUB-11954	8.15	0.00	0.00	1.48	5.99	0.25	3.01	0.735
SUB-11958	8.15	0.00	0.00	1.48	5.35	0.54	5.36	0.656
SUB-11968	8.15	0.00	0.00	1.92	5.87	0.36	4.42	0.721
SUB-11970	8.15	0.00	0.00	1.31	5.53	0.29	3.05	0.679
SUB-11972	8.15	0.00	0.00	1.48	5.70	0.45	4.97	0.699
SUB-11978	8.15	0.00	0.00	1.48	5.80	0.42	4.90	0.712
SUB-11984	8.15	0.00	0.00	1.48	5.53	0.35	3.65	0.678
SUB-11986	8.15	0.00	0.00	1.42	5.39	0.34	3.51	0.662
SUB-11988	8.15	0.00	0.00	1.45	5.49	0.66	6.87	0.673
SUB-11990	8.15	0.00	0.00	1.48	5.88	0.31	3.62	0.721
SUB-11994	8.15	0.00	0.00	1.48	6.00	0.29	3.58	0.736
SUB-11998	8.15	0.00	0.00	1.48	5.33	0.61	6.03	0.654
SUB-12004	8.15	0.00	0.00	1.48	5.94	0.27	3.23	0.729
SUB-12010	8.15	0.00	0.00	1.48	5.94	0.24	2.85	0.729
SUB-12014	8.15	0.00	0.00	0.83	5.47	0.15	1.31	0.671
SUB-12016	8.15	0.00	0.00	1.48	5.76	0.43	4.88	0.707
SUB-12024	8.15	0.00	0.00	1.46	5.56	0.32	3.39	0.683
SUB-12036	8.15	0.00	0.00	1.45	5.66	0.35	3.85	0.695
SUB-12044	8.15	0.00	0.00	0.83	5.46	0.34	2.98	0.670
SUB-12046	8.15	0.00	0.00	1.48	5.65	0.33	3.66	0.693
SUB-12048	8.15	0.00	0.00	1.35	6.08	0.21	2.47	0.745
SUB-12052	8.15	0.00	0.00	1.48	5.90	0.50	5.95	0.724
SUB-12060	8.15	0.00	0.00	1.48	5.55	0.31	3.31	0.681
SUB-12062	8.15	0.00	0.00	1.48	5.40	0.21	2.07	0.662
SUB-12068	8.15	0.00	0.00	1.47	5.83	0.21	2.47	0.715
SUB-12072	8.15	0.00	0.00	1.48	5.21	0.91	8.53	0.639
SUB-12084	8.15	0.00	0.00	1.48	5.58	0.61	6.51	0.685
SUB-12086	8.15	0.00	0.00	1.48	5.67	0.67	7.35	0.695
SUB-12088	8.15	0.00	0.00	1.48	5.58	0.53	5.69	0.685
SUB-12100	8.15	0.00	0.00	1.48	5.21	0.49	4.64	0.640
SUB-12110	8.15	0.00	0.00	1.48	5.56	0.22	2.39	0.683
SUB-12112	8.15	0.00	0.00	1.48	5.33	0.38	3.74	0.654
SUB-12116	8.15	0.00	0.00	1.48	5.37	0.35	3.46	0.659
SUB-12122	8.15	0.00	0.00	1.48	6.19	0.03	0.43	0.759
SUB-12128	8.15	0.00	0.00	1.48	5.49	0.27	2.77	0.674
SUB-12132	8.15	0.00	0.00	1.48	5.27	0.44	4.21	0.647
SUB-12136	8.15	0.00	0.00	1.48	5.36	0.36	3.58	0.657
SUB-12138	8.15	0.00	0.00	1.48	5.45	0.29	2.99	0.669
SUB-12142	8.15	0.00	0.00	1.48	5.05	0.70	6.19	0.620
SUB-12144	8.15	0.00	0.00	1.48	4.98	0.80	6.92	0.611
SUB-12150	8.15	0.00	0.00	1.48	5.73	0.34	3.82	0.703
SUB-12152	8.15	0.00	0.00	1.48	5.47	0.52	5.38	0.671
SUB-12154	8.15	0.00	0.00	1.48	5.34	0.86	8.44	0.655
SUB-12158	8.15	0.00	0.00	1.48	5.74	0.29	3.26	0.704
SUB-12160	8.15	0.00	0.00	1.48	5.82	0.59	6.85	0.714
SUB-12162	8.15	0.00	0.00	1.48	5.78	0.44	5.01	0.709
SUB-12164	8.15	0.00	0.00	1.48	5.70	0.34	3.83	0.699
SUB-12166	8.15	0.00	0.00	1.48	5.49	0.22	2.31	0.674
SUB-12168	8.15	0.00	0.00	1.48	5.62	0.32	3.48	0.690
SUB-12170	8.15	0.00	0.00	1.48	6.32	0.10	1.38	0.775
SUB-12172	8.15	0.00	0.00	1.48	6.06	0.19	2.32	0.743
SUB-12174	8.15	0.00	0.00	1.48	5.75	0.41	4.65	0.706
SUB-12176	8.15	0.00	0.00	1.48	5.78	0.27	3.08	0.709
SUB-12180	8.15	0.00	0.00	1.48	5.69	0.37	4.17	0.698
SUB-12182	8.15	0.00	0.00	1.48	5.66	0.17	1.93	0.695
SUB-12184	8.15	0.00	0.00	1.48	5.91	0.09	1.06	0.725
SUB-12186	8.15	0.00	0.00	1.48	5.52	0.25	2.63	0.677
SUB-12188	8.15	0.00	0.00	1.48	5.30	0.41	3.96	0.651
SUB-12190	8.15	0.00	0.00	1.48	5.43	0.30	3.11	0.667
SUB-12192	8.15	0.00	0.00	1.48	5.31	0.40	3.89	0.652
SUB-12194	8.15	0.00	0.00	1.48	5.80	0.22	2.56	0.711

SUB-12196	8.15	0.00	0.00	1.48	5.44	0.25	2.51	0.668
SUB-12198	8.15	0.00	0.00	1.48	5.65	0.28	3.04	0.693
SUB-12200	8.15	0.00	0.00	1.48	5.52	0.25	2.61	0.677
SUB-12202	8.15	0.00	0.00	1.48	5.30	0.41	3.98	0.650
SUB-12204	8.15	0.00	0.00	1.48	5.59	0.21	2.27	0.686
SUB-12206	8.15	0.00	0.00	1.47	5.28	0.41	4.00	0.647
SUB-12208	8.15	0.00	0.00	1.43	5.60	0.18	1.97	0.687
SUB-12210	8.15	0.00	0.00	1.48	5.44	0.30	3.04	0.668
SUB-12212	8.15	0.00	0.00	1.38	5.46	0.23	2.36	0.670
SUB-12214	8.15	0.00	0.00	1.44	5.26	0.40	3.88	0.646
SUB-12216	8.15	0.00	0.00	1.20	5.40	0.17	1.71	0.662
SUB-12218	8.15	0.00	0.00	1.22	5.57	0.13	1.33	0.684
SUB-12222	8.15	0.00	0.00	1.48	5.53	0.24	2.57	0.678
SUB-12224	8.15	0.00	0.00	1.48	5.66	0.18	1.95	0.694
SUB-12226	8.15	0.00	0.00	1.48	5.86	0.27	3.21	0.719
SUB-12228	8.15	0.00	0.00	1.48	5.80	0.29	3.31	0.712
SUB-12230	8.15	0.00	0.00	1.48	5.86	0.10	1.23	0.718
SUB-12232	8.15	0.00	0.00	1.48	5.85	0.11	1.24	0.718
SUB-12234	8.15	0.00	0.00	1.48	5.65	0.18	1.97	0.694
SUB-12238	8.15	0.00	0.00	1.48	5.95	0.25	3.01	0.730
SUB-12240	8.15	0.00	0.00	1.48	6.20	0.19	2.46	0.760
SUB-12242	8.15	0.00	0.00	1.48	5.39	0.33	3.35	0.662
SUB-12244	8.15	0.00	0.00	1.48	5.53	0.24	2.54	0.679
SUB-12246	8.15	0.00	0.00	1.48	5.66	0.18	1.95	0.694
SUB-12248	8.15	0.00	0.00	1.48	5.65	0.18	2.00	0.693
SUB-12250	8.15	0.00	0.00	1.48	5.45	0.29	2.98	0.669
SUB-12252	8.15	0.00	0.00	1.48	5.17	0.85	7.84	0.635
SUB-12256	8.15	0.00	0.00	1.48	5.72	0.31	3.51	0.702
SUB-12258	8.15	0.00	0.00	1.48	5.81	0.34	4.00	0.713
SUB-12260	8.15	0.00	0.00	1.48	5.66	0.33	3.62	0.694
SUB-12262	8.15	0.00	0.00	1.48	5.86	0.23	2.72	0.719
SUB-12264	8.15	0.00	0.00	1.48	5.89	0.29	3.50	0.723
SUB-12266	8.15	0.00	0.00	1.48	5.46	0.29	2.94	0.670
SUB-12268	8.15	0.00	0.00	1.48	5.56	0.45	4.77	0.682
SUB-12272	8.15	0.00	0.00	1.48	5.75	0.45	5.13	0.706
SUB-12274	8.15	0.00	0.00	1.48	5.41	0.30	3.01	0.664
SUB-12276	8.15	0.00	0.00	1.48	5.30	0.51	4.99	0.651
SUB-12278	8.15	0.00	0.00	1.48	5.32	0.41	3.99	0.652
SUB-12280	8.15	0.00	0.00	1.48	5.19	0.54	5.02	0.637
SUB-12284	8.15	0.00	0.00	1.28	5.30	0.32	3.24	0.650
SUB-12286	8.15	0.00	0.00	1.65	5.35	0.31	2.87	0.656
SUB-12288	8.15	0.00	0.00	2.02	5.78	0.63	6.77	0.710
SUB-12290	8.15	0.00	0.00	1.48	5.57	0.30	3.23	0.683
SUB-12292	8.15	0.00	0.00	1.48	5.57	0.36	3.86	0.683
SUB-12294	8.15	0.00	0.00	1.48	5.38	0.41	4.11	0.660
SUB-12296	8.15	0.00	0.00	1.48	5.68	0.26	2.85	0.697
SUB-12300	8.15	0.00	0.00	1.48	5.35	0.50	4.97	0.657
SUB-12302	8.15	0.00	0.00	1.48	5.13	0.53	4.82	0.630
SUB-12304	8.15	0.00	0.00	1.39	5.44	0.23	2.41	0.667
SUB-12306	8.15	0.00	0.00	1.48	5.50	0.49	5.11	0.674
SUB-12308	8.15	0.00	0.00	1.48	5.45	0.77	7.94	0.669
SUB-12310	8.15	0.00	0.00	1.06	4.86	0.63	5.95	0.597
SUB-12312	8.15	0.00	0.00	1.48	6.19	0.09	1.24	0.760
SUB-12314	8.15	0.00	0.00	1.17	5.07	0.48	4.65	0.622
SUB-12316	8.15	0.00	0.00	1.09	5.23	0.40	3.98	0.641
SUB-12318	8.15	0.00	0.00	1.48	5.59	0.52	5.63	0.686
SUB-12320	8.15	0.00	0.00	1.48	5.66	0.32	3.55	0.694
SUB-12322	8.15	0.00	0.00	1.48	5.28	0.43	4.11	0.648
SUB-12324	8.15	0.00	0.00	1.48	5.60	0.45	4.84	0.688
SUB-12326	8.15	0.00	0.00	1.48	6.12	0.12	1.48	0.751
SUB-12328	8.15	0.00	0.00	1.48	5.60	0.20	2.21	0.687
SUB-12330	8.15	0.00	0.00	1.48	5.79	0.13	1.44	0.711
SUB-12332	8.15	0.00	0.00	1.48	6.03	0.13	1.62	0.740
SUB-12334	8.15	0.00	0.00	1.48	5.57	0.22	2.38	0.683
SUB-12336	8.15	0.00	0.00	1.48	5.85	0.11	1.26	0.717
SUB-12340	8.15	0.00	0.00	1.41	5.32	0.32	3.21	0.653
SUB-12344	8.15	0.00	0.00	1.48	5.50	0.26	2.74	0.674
SUB-12346	8.15	0.00	0.00	1.48	5.48	0.27	2.83	0.672
SUB-12348	8.15	0.00	0.00	1.44	5.32	0.35	3.46	0.653
SUB-12350	8.15	0.00	0.00	1.44	5.33	0.34	3.38	0.654
SUB-12352	8.15	0.00	0.00	1.48	5.31	0.40	3.90	0.652
SUB-12354	8.15	0.00	0.00	1.48	5.24	0.46	4.39	0.644
SUB-12356	8.15	0.00	0.00	1.43	5.43	0.27	2.80	0.666
SUB-12358	8.15	0.00	0.00	1.48	5.58	0.21	2.29	0.685
SUB-12362	8.15	0.00	0.00	1.48	6.07	0.05	0.66	0.745
SUB-12364	8.15	0.00	0.00	1.23	5.92	0.06	0.70	0.726
SUB-12366	8.15	0.00	0.00	1.36	5.93	0.07	0.84	0.728
SUB-12368	8.15	0.00	0.00	0.28	3.58	0.14	0.72	0.439
SUB-12372	8.15	0.00	0.00	0.76	4.09	0.15	1.29	0.502
SUB-12374	8.15	0.00	0.00	0.83	4.73	0.40	3.52	0.581

SUB-12376	8.15	0.00	0.00	0.83	6.18	0.26	2.32	0.758
SUB-12380	8.15	0.00	0.00	0.83	5.47	0.57	5.04	0.671
SUB-12382	8.15	0.00	0.00	0.27	4.61	0.17	0.79	0.565
SUB-12386	8.15	0.00	0.00	0.30	3.96	0.15	0.78	0.486
SUB-12388	8.15	0.00	0.00	0.30	3.61	0.20	1.10	0.443
SUB-12394	8.15	0.00	0.00	0.83	4.85	0.17	1.52	0.595
SUB-12396	8.15	0.00	0.00	0.83	4.16	0.40	3.48	0.510
SUB-12398	8.15	0.00	0.00	0.83	4.94	0.15	1.36	0.606
SUB-12400	8.15	0.00	0.00	0.83	5.19	0.11	0.99	0.637
SUB-12402	8.15	0.00	0.00	0.83	4.28	0.34	3.01	0.525
SUB-12404	8.15	0.00	0.00	0.83	4.55	0.25	2.19	0.558
SUB-12408	8.15	0.00	0.00	0.83	3.80	0.63	5.35	0.467
SUB-12410	8.15	0.00	0.00	0.83	4.70	0.21	1.82	0.577
SUB-12414	8.15	0.00	0.00	0.83	4.34	0.32	2.79	0.533
SUB-12418	8.15	0.00	0.00	0.83	4.13	0.42	3.61	0.506
SUB-12420	8.15	0.00	0.00	0.83	4.76	0.19	1.69	0.584
SUB-12422	8.15	0.00	0.00	0.83	4.67	0.21	1.88	0.573
SUB-12424	8.15	0.00	0.00	0.34	3.78	0.18	1.06	0.464
SUB-12428	8.15	0.00	0.00	0.35	4.27	0.12	0.69	0.524
SUB-12430	8.15	0.00	0.00	0.77	4.11	0.36	3.04	0.505
SUB-12432	8.15	0.00	0.00	1.48	5.76	0.14	1.57	0.706
SUB-12434	8.15	0.00	0.00	0.81	4.48	0.26	2.23	0.549
SUB-12438	8.15	0.00	0.00	1.48	5.45	0.60	6.17	0.669
SUB-12442	8.15	0.00	0.00	1.48	6.26	0.08	1.01	0.769
SUB-12444	8.15	0.00	0.00	0.29	4.29	0.14	0.69	0.527
SUB-12446	8.15	0.00	0.00	0.37	4.04	0.16	0.93	0.495
SUB-12448	8.15	0.00	0.00	1.48	5.89	0.31	3.65	0.723
SUB-12450	8.15	0.00	0.00	1.48	5.66	0.18	1.96	0.694
SUB-12452	8.15	0.00	0.00	1.48	5.58	0.22	2.32	0.685
SUB-12454	8.15	0.00	0.00	1.37	5.45	0.22	2.32	0.668
SUB-12456	8.15	0.00	0.00	1.38	5.61	0.16	1.74	0.689
SUB-12458	8.15	0.00	0.00	1.21	5.38	0.18	1.83	0.660
SUB-12460	8.15	0.00	0.00	0.00	6.28	0.28	2.68	0.770

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Node Depth Summary
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Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum Run HGL Feet	Time of Max Occurrence days hr:min	Maximum Output HGL Feet	Time of Max Occurrence days hr:min
J-102	JUNCTION	2.95	7.62	3.06	2 15:06	3.06	2 15:07
J-104	JUNCTION	3.00	7.58	3.02	2 14:57	3.02	2 14:57
J-106	JUNCTION	2.98	7.57	3.01	2 14:50	3.01	2 14:51
J-109	JUNCTION	2.96	7.47	2.91	2 14:30	2.91	2 14:31
J-11	JUNCTION	3.17	7.63	3.07	2 13:49	3.05	2 17:17
J-110	JUNCTION	2.51	7.03	2.91	2 14:40	2.91	2 14:40
J-113	JUNCTION	2.95	7.47	2.91	2 13:35	2.89	2 13:35
J-114	JUNCTION	2.91	7.66	3.10	2 13:49	3.05	2 15:55
J-118	JUNCTION	2.89	7.61	3.05	2 13:48	3.05	2 13:49
J-12	JUNCTION	3.15	7.64	3.08	2 14:08	3.06	2 14:23
J-121	JUNCTION	2.95	7.70	3.14	2 11:40	3.14	3 01:36
J-126	JUNCTION	3.83	6.64	3.08	2 15:50	3.08	2 15:51
J-126A	JUNCTION	3.83	6.79	3.23	2 15:38	3.17	2 16:37
J-127	JUNCTION	3.59	6.65	3.09	2 16:09	3.09	2 16:09
J-128	JUNCTION	2.00	6.61	3.05	2 16:10	3.05	2 16:10
J-129	JUNCTION	1.94	6.50	2.94	2 13:48	2.94	2 16:45
J-130	JUNCTION	1.94	6.42	2.86	2 13:15	2.86	2 13:15
J-131	JUNCTION	1.92	7.05	3.49	2 14:31	3.49	2 11:31
J-132	JUNCTION	1.96	6.45	2.89	2 12:56	2.89	2 12:55
J-137	JUNCTION	2.00	6.47	2.91	2 13:04	2.91	2 13:04
J-139	JUNCTION	1.98	6.56	3.00	2 16:04	3.00	2 16:05
J-140	JUNCTION	2.05	6.67	3.11	2 14:05	3.11	2 14:06
J-147	JUNCTION	2.11	6.95	3.39	2 14:54	3.39	2 14:55
J-148	JUNCTION	2.12	7.03	3.47	2 15:11	3.47	2 15:11
J-149	JUNCTION	2.11	7.03	3.47	2 15:11	3.47	2 15:11
J-15	JUNCTION	2.72	7.12	3.06	2 14:04	3.06	2 14:01
J-152	JUNCTION	2.14	7.09	3.53	2 15:14	3.53	2 15:15
J-153	JUNCTION	2.15	7.12	3.56	2 15:13	3.56	2 15:13
J-155	JUNCTION	2.15	7.14	3.58	2 15:10	3.58	2 15:11
J-156	JUNCTION	2.18	7.21	3.65	2 14:55	3.65	2 14:55
J-158	JUNCTION	2.17	7.28	3.72	2 14:37	3.72	2 14:38
J-158A	JUNCTION	2.17	7.28	3.72	2 14:37	3.72	2 14:38
J-15A	JUNCTION	2.25	6.62	3.06	2 14:04	3.06	2 14:01
J-160	JUNCTION	2.18	7.28	3.72	2 14:42	3.72	2 14:42
J-161	JUNCTION	1.87	6.56	3.00	2 12:18	3.00	2 14:00
J-162	JUNCTION	1.80	7.31	3.75	2 19:00	3.75	2 20:11

J-163	JUNCTION	1.80	6.05	2.49	2	11:57	2.49	2	19:38
J-164	JUNCTION	1.76	6.51	2.95	2	11:47	2.95	2	18:59
J-165	JUNCTION	1.74	6.60	3.04	2	11:43	3.04	2	22:10
J-166	JUNCTION	1.68	6.37	2.81	2	11:50	2.81	2	22:02
J-167	JUNCTION	1.67	6.02	2.46	2	20:20	2.46	2	20:20
J-168	JUNCTION	1.68	6.16	2.60	2	11:47	2.60	2	20:58
J-169	JUNCTION	1.69	6.31	2.75	2	20:48	2.75	2	20:56
J-170	JUNCTION	1.69	6.41	2.85	2	11:32	2.85	2	20:05
J-174	JUNCTION	2.19	7.28	3.72	2	14:41	3.72	2	14:42
J-175	JUNCTION	2.18	7.28	3.72	2	14:38	3.72	2	14:38
J-176	JUNCTION	2.18	7.28	3.72	2	14:40	3.72	2	14:41
J-179	JUNCTION	2.65	7.79	3.73	2	14:31	3.73	2	14:32
J-18	JUNCTION	2.25	6.62	3.06	2	14:06	3.06	2	14:06
J-180	JUNCTION	2.00	6.65	3.09	2	15:50	3.09	2	15:51
J-180A	JUNCTION	2.00	6.81	3.25	2	14:25	3.24	2	16:18
J-185	JUNCTION	2.45	7.25	3.19	2	15:10	3.19	2	15:10
J-185A	JUNCTION	1.96	6.85	3.29	2	13:57	3.26	2	14:00
J-188	JUNCTION	2.87	7.79	3.73	2	14:19	3.73	2	14:19
J-188A	JUNCTION	2.37	7.30	3.74	2	14:18	3.74	2	14:18
J-191	JUNCTION	2.27	6.67	3.11	2	15:46	3.11	2	15:46
J-191A	JUNCTION	2.27	6.67	3.11	2	15:45	3.11	2	15:46
J-195	JUNCTION	3.04	7.29	3.73	2	14:25	3.73	2	14:55
J-195A	JUNCTION	3.04	7.85	4.29	3	00:46	3.77	2	14:21
J-198	JUNCTION	3.14	7.26	3.70	2	14:41	3.70	2	14:41
J-199	JUNCTION	3.05	7.09	3.53	2	15:42	3.53	2	15:43
J-19A	JUNCTION	2.25	7.03	3.47	2	23:43	3.15	2	14:07
J-203	JUNCTION	3.01	7.04	3.48	2	15:59	3.48	2	16:00
J-204	JUNCTION	3.02	7.05	3.49	2	15:56	3.49	2	15:57
J-206	JUNCTION	3.00	6.87	3.31	2	15:52	3.31	2	15:53
J-208	JUNCTION	2.95	6.83	3.27	2	15:28	3.27	2	15:29
J-209	JUNCTION	2.99	6.82	3.26	2	15:25	3.26	2	15:25
J-212	JUNCTION	3.03	6.79	3.23	2	15:45	3.23	2	15:46
J-213	JUNCTION	2.92	6.77	3.21	2	15:43	3.21	2	15:02
J-213A	JUNCTION	2.92	6.97	3.41	2	14:19	3.34	2	13:57
J-217	JUNCTION	6.90	10.83	3.14	2	16:15	3.14	2	16:15
J-218	JUNCTION	6.63	10.27	3.13	2	16:11	3.13	2	16:12
J-222	JUNCTION	4.66	8.29	3.12	2	16:03	3.12	2	16:01
J-223	JUNCTION	4.53	8.18	3.12	2	16:00	3.12	2	16:00
J-223A	JUNCTION	3.05	7.04	3.48	3	05:28	3.24	2	15:23
J-225	JUNCTION	3.00	6.66	3.10	2	15:48	3.10	2	15:49
J-226	JUNCTION	2.98	6.65	3.09	2	15:50	3.09	2	15:50
J-232	JUNCTION	2.99	6.64	3.08	2	15:41	3.08	2	15:42
J-233	JUNCTION	2.93	6.62	3.06	2	15:36	3.06	2	15:40
J-235	JUNCTION	2.85	6.62	3.06	2	15:34	3.06	2	15:38
J-238	JUNCTION	3.87	7.63	3.07	2	14:24	3.07	2	14:25
J-24	JUNCTION	2.30	6.63	3.07	2	13:59	3.07	2	13:59
J-242	JUNCTION	2.92	6.61	3.05	2	15:23	3.05	2	15:23
J-244	JUNCTION	2.94	6.65	3.09	2	14:06	3.09	2	14:06
J-247	JUNCTION	2.97	6.64	3.08	2	14:13	3.08	2	14:13
J-248	JUNCTION	2.91	6.59	3.03	2	14:52	3.03	2	14:53
J-249	JUNCTION	2.90	6.59	3.03	2	14:52	3.03	2	14:52
J-25	JUNCTION	2.26	6.63	3.07	2	13:58	3.07	2	13:58
J-253	JUNCTION	2.80	6.17	2.61	2	13:20	2.61	2	13:20
J-254	JUNCTION	2.81	6.13	2.57	2	13:20	2.57	2	13:20
J-256	JUNCTION	2.80	6.10	2.54	2	13:18	2.54	2	13:18
J-259	JUNCTION	2.74	5.96	2.40	2	13:56	2.40	2	13:57
J-25A	JUNCTION	2.26	6.72	3.16	2	11:55	3.09	2	14:00
J-260	JUNCTION	3.55	6.57	3.01	2	11:55	3.00	2	18:34
J-261	JUNCTION	2.84	5.99	2.43	2	16:26	2.41	2	13:54
J-261-WEIR	JUNCTION	1.00	6.25	2.69	2	13:53	2.43	2	13:37
J-262	JUNCTION	1.02	6.56	3.00	2	11:55	3.00	2	20:35
J-266	JUNCTION	2.93	6.37	2.81	2	14:56	2.81	2	14:57
J-267	JUNCTION	3.40	6.89	2.83	2	14:49	2.83	2	14:50
J-268	JUNCTION	3.84	7.64	3.08	2	12:28	2.96	2	13:33
J-268-WEIR	JUNCTION	0.95	7.48	2.92	2	14:07	2.92	2	14:07
J-269	JUNCTION	3.87	7.50	2.94	2	14:09	2.94	2	14:09
J-27	JUNCTION	2.29	6.62	3.06	2	14:01	3.06	2	14:13
J-271	JUNCTION	0.00	0.00	-3.50	0	00:00	-3.50	0	00:00
J-275	JUNCTION	3.86	7.49	2.93	2	13:34	2.93	2	13:36
J-278	JUNCTION	2.58	5.40	1.84	3	05:00	1.84	3	05:30
J-27A	JUNCTION	2.29	6.66	3.10	2	14:00	3.08	2	13:31
J-280	JUNCTION	2.75	5.60	2.04	2	07:55	2.04	2	09:30
J-281	JUNCTION	2.91	5.60	2.04	2	08:23	2.04	1	19:31
J-282	JUNCTION	3.00	5.96	2.40	2	12:52	2.40	2	12:53
J-283	JUNCTION	3.04	6.34	2.78	2	13:04	2.78	2	13:05
J-284	JUNCTION	3.05	6.49	2.93	2	13:29	2.93	2	13:29
J-284-WEIR	JUNCTION	0.00	0.00	-3.56	0	00:00	-3.56	0	00:00
J-285	JUNCTION	4.21	7.49	2.93	2	13:35	2.93	2	13:35
J-286	JUNCTION	3.19	7.00	2.94	2	13:33	2.94	2	13:33
J-288	JUNCTION	3.06	6.50	2.94	2	13:28	2.94	2	13:29

J-288A	JUNCTION	3.06	6.94	3.38	2	14:51	3.33	2	14:52
J-290	JUNCTION	2.56	6.73	3.17	2	12:44	3.17	2	12:45
J-290A	JUNCTION	2.56	7.00	3.44	2	20:38	3.18	2	21:05
J-293	JUNCTION	2.57	6.63	3.07	2	13:24	3.07	2	13:25
J-295	JUNCTION	2.56	6.62	3.06	2	13:27	3.06	2	13:27
J-296	JUNCTION	2.57	6.61	3.05	2	13:29	3.05	2	13:29
J-297	JUNCTION	2.53	6.52	2.96	2	13:38	2.96	2	13:39
J-30	JUNCTION	2.37	6.60	3.04	2	15:31	3.04	2	15:31
J-300	JUNCTION	3.01	7.02	2.96	2	13:37	2.96	2	13:38
J-301	JUNCTION	3.19	7.01	2.95	2	13:37	2.95	2	13:37
J-304	JUNCTION	2.31	7.02	2.96	2	13:40	2.96	2	13:40
J-305	JUNCTION	2.29	7.02	2.96	2	13:41	2.96	2	13:41
J-31	JUNCTION	2.33	6.60	3.04	2	15:28	3.04	2	15:29
J-310	JUNCTION	1.80	6.51	2.95	2	13:44	2.95	2	13:44
J-312	JUNCTION	1.77	6.50	2.94	2	13:45	2.94	2	13:45
J-314	JUNCTION	1.78	6.57	3.01	2	13:39	3.01	2	13:40
J-314A	JUNCTION	1.78	6.63	3.07	2	21:01	3.01	2	13:40
J-317	JUNCTION	1.83	6.59	3.03	2	14:17	3.03	2	14:18
J-31A	JUNCTION	2.33	6.66	3.10	2	14:12	3.08	2	15:43
J-321	JUNCTION	1.79	6.62	3.06	2	14:02	3.06	2	14:10
J-321A	JUNCTION	1.79	6.65	3.09	2	11:51	3.07	2	14:08
J-323	JUNCTION	1.82	6.59	3.03	2	15:09	3.03	2	15:10
J-324	JUNCTION	1.80	6.60	3.04	2	15:23	3.04	2	15:24
J-324A	JUNCTION	1.80	6.62	3.06	2	15:37	3.06	2	15:09
J-327	JUNCTION	2.31	6.63	3.07	2	13:59	3.07	2	13:59
J-328	JUNCTION	2.27	6.63	3.07	2	14:01	3.07	2	14:01
J-328A	JUNCTION	2.27	6.63	3.07	2	14:01	3.07	2	14:01
J-33	JUNCTION	2.34	6.58	3.02	2	16:08	3.02	2	15:39
J-333	JUNCTION	2.35	6.88	3.32	2	15:09	3.32	2	15:09
J-334	JUNCTION	2.31	6.97	3.41	2	14:10	3.41	2	14:11
J-335	JUNCTION	2.30	6.84	3.28	2	14:14	3.28	2	14:14
J-341	JUNCTION	2.24	6.54	2.98	2	13:54	2.98	2	13:55
J-341A	JUNCTION	2.24	6.54	2.98	2	13:54	2.98	2	13:55
J-342	JUNCTION	2.03	7.00	3.44	2	14:40	3.44	2	14:40
J-343	JUNCTION	2.61	7.45	3.39	2	14:56	3.39	2	14:57
J-348	JUNCTION	2.17	6.75	3.19	2	14:39	3.19	2	14:39
J-351	JUNCTION	2.10	6.51	2.95	2	12:41	2.95	2	12:42
J-351A	JUNCTION	2.10	6.53	2.97	2	12:31	2.95	2	12:42
J-354	JUNCTION	3.94	6.75	3.19	2	18:42	3.19	2	18:42
J-354A	JUNCTION	3.93	7.09	3.53	2	18:26	3.53	2	18:27
J-354B	JUNCTION	3.93	7.75	4.19	3	01:47	4.18	3	01:47
J-355	JUNCTION	3.97	6.81	3.25	2	19:13	3.25	2	19:14
J-355A	JUNCTION	3.97	6.89	3.33	2	18:39	3.28	2	19:30
J-359	JUNCTION	2.49	7.32	3.26	2	18:43	3.26	2	18:51
J-36	JUNCTION	2.43	6.48	2.92	2	15:09	2.92	2	15:22
J-362	JUNCTION	1.89	7.07	3.51	2	14:24	3.51	2	14:24
J-363	JUNCTION	1.84	7.11	3.55	2	14:15	3.55	2	14:15
J-364	JUNCTION	1.79	7.11	3.55	2	14:11	3.55	2	14:11
J-367	JUNCTION	2.27	7.12	3.56	2	13:42	3.56	2	13:43
J-368	JUNCTION	2.24	7.13	3.57	2	13:38	3.57	2	13:38
J-369	JUNCTION	2.26	7.13	3.57	2	13:37	3.57	2	13:37
J-374	JUNCTION	1.75	7.11	3.55	2	14:05	3.55	2	14:06
J-375	JUNCTION	2.79	7.62	3.56	2	13:34	3.56	2	13:35
J-380	JUNCTION	2.19	7.61	3.55	2	13:55	3.55	2	13:56
J-380A	JUNCTION	1.70	7.47	3.91	2	23:26	3.59	2	16:49
J-381	JUNCTION	3.07	8.61	3.55	2	13:42	3.55	2	13:43
J-384	JUNCTION	3.32	8.12	3.56	2	13:33	3.56	2	13:34
J-385	JUNCTION	2.34	7.57	4.01	2	11:28	4.00	2	21:21
J-388	JUNCTION	3.37	8.11	3.55	2	13:34	3.55	2	13:35
J-389	JUNCTION	2.81	7.61	3.55	2	13:35	3.55	2	13:35
J-393	JUNCTION	2.87	7.62	3.56	2	13:32	3.56	2	13:32
J-396	JUNCTION	2.92	7.67	3.61	2	13:05	3.61	2	13:05
J-399	JUNCTION	2.31	7.41	3.85	2	21:40	3.85	2	18:55
J-40	JUNCTION	2.42	6.61	3.05	2	16:03	3.05	2	16:03
J-402	JUNCTION	2.32	7.57	4.01	2	12:55	4.01	2	12:55
J-402A	JUNCTION	2.32	7.57	4.01	2	12:55	4.01	2	12:55
J-405	JUNCTION	2.32	7.25	3.69	2	13:22	3.69	2	13:23
J-407	JUNCTION	2.32	7.22	3.66	2	13:28	3.66	2	13:29
J-409	JUNCTION	2.79	7.68	3.62	2	13:36	3.62	2	13:36
J-40A	JUNCTION	2.42	6.65	3.09	3	01:54	3.06	2	16:05
J-40B	JUNCTION	2.42	7.06	3.50	2	16:43	3.33	2	14:45
J-40C	JUNCTION	2.42	6.68	3.12	2	16:46	3.10	2	15:31
J-410	JUNCTION	2.86	7.67	3.61	2	13:35	3.61	2	13:36
J-412	JUNCTION	2.29	7.16	3.60	2	13:38	3.60	2	13:39
J-414	JUNCTION	2.32	7.18	3.62	2	13:49	3.62	2	13:49
J-415	JUNCTION	3.87	8.79	3.63	2	13:54	3.63	2	13:54
J-415A	JUNCTION	2.30	7.19	3.63	2	13:54	3.63	2	13:54
J-415B	JUNCTION	2.30	7.19	3.63	2	13:54	3.63	2	13:54
J-416	JUNCTION	3.26	8.17	3.61	2	13:45	3.61	2	13:46
J-417	JUNCTION	3.26	8.18	3.62	2	14:34	3.60	2	14:35

J-42	JUNCTION	2.43	6.51	2.95	2	16:07	2.95	2	16:07
J-421	JUNCTION	2.32	7.10	3.54	2	13:15	3.54	2	13:15
J-422	JUNCTION	2.35	7.10	3.54	2	16:48	3.54	2	16:43
J-422A	JUNCTION	2.35	7.28	3.72	2	18:23	3.64	2	16:20
J-423	JUNCTION	3.81	8.40	3.34	2	18:28	3.34	2	18:28
J-423A	JUNCTION	2.37	7.47	3.91	2	18:23	3.68	2	16:20
J-424	JUNCTION	2.43	6.77	3.21	2	12:38	3.21	2	12:38
J-427	JUNCTION	2.44	6.80	3.24	2	12:40	3.24	2	12:40
J-42A	JUNCTION	2.43	6.51	2.95	2	16:07	2.95	2	16:07
J-430	JUNCTION	2.41	6.98	3.42	2	13:23	3.42	2	13:23
J-430A	JUNCTION	2.41	7.13	3.57	2	13:10	3.55	2	13:11
J-431	JUNCTION	5.00	8.97	3.43	2	13:27	3.43	2	13:28
J-431A	JUNCTION	3.07	7.15	3.59	2	13:48	3.53	2	13:54
J-432	JUNCTION	4.95	8.80	3.42	2	13:29	3.42	2	13:29
J-432B	JUNCTION	3.07	7.18	3.62	2	18:50	3.43	2	13:28
J-433	JUNCTION	3.09	6.84	3.31	2	14:30	3.31	2	14:30
J-434	JUNCTION	3.13	6.86	3.30	2	14:31	3.30	2	14:31
J-435	JUNCTION	3.16	6.86	3.30	2	22:22	3.30	2	22:23
J-436	JUNCTION	3.13	6.83	3.27	2	14:58	3.27	2	14:59
J-437	JUNCTION	3.16	6.83	3.27	2	15:04	3.27	2	15:04
J-438	JUNCTION	3.19	6.73	3.17	2	16:50	3.17	2	16:51
J-439	JUNCTION	3.18	6.73	3.17	2	16:46	3.17	2	16:47
J-440	JUNCTION	4.40	8.06	3.00	2	21:42	3.00	2	21:16
J-441	JUNCTION	3.06	7.45	3.89	2	21:02	3.30	2	17:46
J-444	JUNCTION	3.79	8.08	3.02	2	12:39	3.01	2	12:24
J-444-WEIR	JUNCTION	4.39	8.95	3.89	2	12:21	3.18	2	12:19
J-445	JUNCTION	3.79	8.14	3.08	2	12:40	3.07	2	12:41
J-448	JUNCTION	3.31	6.86	3.30	2	19:25	3.30	2	19:35
J-450	JUNCTION	3.84	8.19	3.13	2	18:25	3.13	2	18:25
J-454	JUNCTION	3.31	6.87	3.31	2	19:37	3.31	2	19:37
J-455	JUNCTION	3.59	7.16	3.60	2	18:39	3.60	2	18:40
J-459	JUNCTION	4.07	7.58	3.59	2	18:38	3.59	2	18:38
J-459A	JUNCTION	3.64	7.37	3.81	2	18:23	3.72	2	16:20
J-460-NEW	JUNCTION	3.68	7.52	3.96	2	18:59	3.96	2	18:59
J-463	JUNCTION	3.64	7.53	3.97	2	18:58	3.97	2	18:58
J-466	JUNCTION	3.86	8.81	5.25	2	14:39	5.20	2	14:40
J-468	JUNCTION	3.55	8.31	4.75	2	18:46	4.75	2	18:46
J-47	JUNCTION	3.23	6.42	2.56	2	22:54	2.56	2	22:54
J-470	JUNCTION	3.20	6.79	3.23	3	03:10	3.23	3	03:11
J-471	JUNCTION	3.67	8.33	4.77	2	18:56	4.76	2	18:56
J-478	JUNCTION	2.77	6.65	3.09	3	03:24	3.09	3	03:25
J-479	JUNCTION	3.24	6.65	3.09	3	03:24	3.09	3	03:24
J-480	JUNCTION	2.78	6.62	3.06	3	03:34	3.06	3	03:34
J-481	JUNCTION	2.92	6.61	3.05	2	11:30	3.05	2	11:31
J-482	JUNCTION	2.74	6.63	3.07	3	03:49	3.07	3	03:49
J-484	JUNCTION	2.98	7.00	3.27	3	04:18	3.26	3	04:18
J-485	JUNCTION	2.88	6.83	3.27	3	04:16	3.27	3	04:17
J-486	JUNCTION	2.86	6.86	3.30	3	04:14	3.29	3	04:17
J-487	JUNCTION	2.84	6.70	3.14	3	04:18	3.14	3	04:18
J-489	JUNCTION	2.79	6.51	2.95	3	04:20	2.95	3	04:20
J-491	JUNCTION	2.98	6.29	2.73	3	03:46	2.72	3	03:46
J-492	JUNCTION	3.01	6.65	3.09	3	03:25	3.08	3	04:17
J-493	JUNCTION	2.96	6.52	2.96	2	16:18	2.96	2	16:18
J-495	JUNCTION	2.93	6.99	3.43	2	18:30	3.42	2	18:31
J-497	JUNCTION	2.33	6.07	2.51	2	14:17	2.51	2	13:27
J-498	JUNCTION	2.31	6.48	2.92	2	13:11	2.92	2	13:12
J-498A	JUNCTION	2.31	6.89	3.33	2	18:25	3.03	2	17:26
J-499	JUNCTION	2.30	6.60	3.04	2	14:28	3.04	2	14:28
J-5	JUNCTION	3.58	7.96	2.90	2	14:30	2.90	2	14:30
J-50	JUNCTION	3.06	7.17	3.46	2	20:02	3.45	2	20:03
J-500	JUNCTION	2.30	6.45	2.89	2	13:12	2.89	2	13:13
J-505	JUNCTION	2.31	6.44	2.88	2	13:12	2.88	2	13:13
J-508	JUNCTION	2.31	6.57	3.01	2	14:13	3.01	2	14:25
J-51	JUNCTION	3.24	6.91	2.95	2	16:58	2.95	2	16:58
J-512	JUNCTION	2.31	6.40	2.84	2	13:15	2.84	2	13:15
J-518	JUNCTION	2.30	6.37	2.81	2	13:20	2.81	2	13:20
J-53	JUNCTION	3.65	7.82	3.06	2	15:35	3.06	2	15:35
J-534	JUNCTION	4.76	7.17	3.61	2	20:40	3.61	2	20:40
J-537	JUNCTION	5.05	8.28	4.72	2	18:49	4.72	2	18:49
J-539	JUNCTION	4.94	8.31	4.75	2	18:48	4.75	2	18:46
J-539-WEIR	JUNCTION	4.57	8.32	4.76	2	18:47	4.75	2	18:48
J-539A	JUNCTION	4.94	11.61	8.05	2	12:46	4.81	2	12:46
J-54	JUNCTION	3.65	7.82	3.06	2	15:59	3.06	2	15:45
J-541	JUNCTION	4.70	8.32	4.76	2	18:54	4.76	2	18:54
J-544	JUNCTION	2.98	6.20	2.64	2	14:47	2.64	2	14:48
J-548	JUNCTION	2.85	6.68	3.12	2	22:55	3.10	2	12:58
J-54A	JUNCTION	2.51	6.67	3.11	2	15:55	3.10	2	16:02
J-54B	JUNCTION	2.51	6.63	3.07	2	15:39	3.07	2	15:33
J-550	JUNCTION	2.95	6.69	3.13	2	16:58	3.12	2	16:59
J-553	JUNCTION	3.05	7.13	3.28	3	04:50	3.26	2	05:41

J-554	JUNCTION	3.18	7.92	3.88	1	20:44	3.88	1	21:07
J-555	JUNCTION	3.58	8.29	3.89	2	09:26	3.89	3	05:42
J-557	JUNCTION	6.03	7.35	-0.60	2	17:38	-0.82	2	12:39
J-558	JUNCTION	5.00	6.23	-0.76	2	17:38	-0.83	2	18:25
J-559	JUNCTION	2.68	6.40	2.84	2	05:52	2.84	2	09:18
J-560	JUNCTION	2.61	6.32	2.76	1	22:19	2.75	1	21:54
J-561	JUNCTION	2.83	8.00	4.00	2	10:25	0.98	1	21:44
J-563	JUNCTION	2.13	6.49	2.93	2	14:24	2.93	2	14:25
J-563A	JUNCTION	2.13	7.03	3.47	2	14:51	3.41	2	14:52
J-565	JUNCTION	3.60	7.99	2.93	2	14:22	2.93	2	14:22
J-566	JUNCTION	3.52	8.93	3.87	2	12:13	3.82	2	12:14
J-566-WEIR	JUNCTION	0.65	13.56	10.00	2	13:51	7.46	2	17:07
J-567	JUNCTION	0.68	8.01	4.01	2	12:09	4.01	2	12:12
J-568	JUNCTION	1.63	12.47	3.84	2	13:36	3.83	2	13:36
J-569	JUNCTION	1.18	9.94	3.70	2	12:42	3.64	2	13:36
J-570	JUNCTION	2.09	7.10	3.54	2	12:46	3.54	2	12:47
J-571	JUNCTION	3.06	6.56	3.00	2	14:51	3.00	2	14:47
J-571A	JUNCTION	3.07	7.26	3.70	2	14:51	3.45	2	15:34
J-571B	JUNCTION	3.07	7.09	3.53	2	14:51	3.43	2	14:52
J-572A	JUNCTION	2.23	4.09	0.53	2	21:02	0.50	2	20:46
J-572B	JUNCTION	2.23	4.09	0.53	2	21:02	0.50	2	20:46
J-575	JUNCTION	3.72	8.01	4.01	0	00:00	0.61	0	21:00
J-576	JUNCTION	2.74	7.10	3.04	2	22:17	3.04	2	11:03
J-577	JUNCTION	2.45	4.61	1.05	2	12:30	1.01	2	12:31
J-578	JUNCTION	1.94	7.10	3.04	2	20:15	3.04	2	20:15
J-58	JUNCTION	3.62	7.82	3.06	2	15:43	3.06	2	15:43
J-581	JUNCTION	2.96	8.10	3.04	2	11:47	3.04	2	15:28
J-585	JUNCTION	2.11	7.22	3.16	2	13:00	3.16	2	13:00
J-585B	JUNCTION	2.11	7.22	3.16	2	13:00	3.16	2	13:00
J-588	JUNCTION	2.67	7.74	3.18	2	15:33	3.18	2	15:28
J-58A	JUNCTION	3.62	7.82	3.06	2	15:43	3.06	2	15:43
J-59	JUNCTION	3.59	7.80	3.04	2	15:22	3.04	2	15:23
J-591	JUNCTION	3.91	8.90	2.84	2	17:18	2.84	2	14:12
J-591A	JUNCTION	3.91	8.92	2.86	2	15:09	2.80	2	15:10
J-591B	JUNCTION	3.91	8.91	2.85	2	15:09	2.80	2	15:10
J-596	JUNCTION	2.82	7.97	3.10	2	14:11	3.10	2	16:47
J-596A	JUNCTION	3.35	9.19	3.63	2	11:55	3.37	2	14:33
J-598	JUNCTION	1.87	6.45	2.89	2	12:54	2.89	2	12:54
J-598A	JUNCTION	1.87	6.45	2.89	2	12:54	2.89	2	12:54
J-598B	JUNCTION	1.81	6.45	2.89	2	12:54	2.89	2	12:54
J-59A	JUNCTION	3.59	7.87	3.11	2	15:07	3.08	2	15:21
J-59B	JUNCTION	3.59	7.82	3.06	2	15:23	3.06	2	15:32
J-5A	JUNCTION	3.57	7.96	2.90	2	14:30	2.90	2	14:30
J-6	JUNCTION	3.32	7.88	3.12	2	14:22	3.08	2	18:26
J-60	JUNCTION	3.59	7.81	3.05	2	15:34	3.05	2	15:35
J-601	JUNCTION	1.87	6.20	2.64	2	11:55	2.64	2	14:30
J-602	JUNCTION	1.86	6.06	2.50	2	14:09	2.50	2	14:10
J-603	JUNCTION	2.36	6.56	3.00	2	18:29	1.50	2	20:50
J-604	JUNCTION	2.10	5.56	2.00	2	20:50	2.00	2	22:17
J-606	JUNCTION	2.32	6.31	2.25	2	12:37	2.24	2	11:30
J-607	JUNCTION	2.35	6.51	2.45	2	12:37	2.44	2	12:37
J-609	JUNCTION	1.84	6.20	2.64	2	12:38	2.64	2	12:27
J-61	JUNCTION	3.59	7.82	3.06	2	15:37	3.06	2	15:37
J-611	JUNCTION	1.91	6.54	2.98	2	13:18	2.98	2	13:19
J-611A	JUNCTION	1.91	6.69	3.13	2	14:15	3.11	2	14:16
J-611B	JUNCTION	1.91	6.54	2.98	2	13:18	2.98	2	13:19
J-613	JUNCTION	1.93	6.31	2.75	2	14:15	2.75	2	14:16
J-615	JUNCTION	1.91	6.30	2.74	2	12:29	2.74	2	15:32
J-618	JUNCTION	2.50	6.54	2.98	2	16:02	2.98	2	16:02
J-61A	JUNCTION	2.46	11.35	7.79	2	17:50	6.22	2	15:41
J-623	JUNCTION	2.42	6.56	3.00	2	16:00	3.00	2	16:01
J-624	JUNCTION	2.40	6.56	3.00	2	16:00	3.00	2	16:00
J-624A	JUNCTION	2.40	6.89	3.33	3	01:15	3.13	3	01:15
J-626	JUNCTION	2.40	6.56	3.00	2	15:40	3.00	2	15:41
J-629	JUNCTION	2.49	6.57	3.01	2	15:51	3.01	2	15:51
J-63	JUNCTION	2.29	7.10	3.54	2	14:07	3.54	2	14:07
J-632	JUNCTION	2.50	6.60	3.04	2	16:07	3.04	2	16:07
J-633	JUNCTION	2.87	7.06	3.00	2	15:16	3.00	2	15:16
J-637	JUNCTION	2.41	6.56	3.00	2	15:18	3.00	2	15:18
J-64	JUNCTION	2.26	7.10	3.54	2	14:07	3.54	2	14:08
J-640	JUNCTION	2.46	6.56	3.00	2	15:21	3.00	2	15:22
J-647	JUNCTION	2.42	6.58	3.02	2	16:59	3.01	2	17:00
J-647A	JUNCTION	2.43	7.48	3.92	2	16:42	3.72	2	22:05
J-647B	JUNCTION	2.44	11.90	8.34	2	16:45	5.74	3	01:31
J-650	JUNCTION	2.31	6.56	3.00	2	15:18	3.00	2	15:19
J-653	JUNCTION	2.32	6.63	3.07	2	14:07	3.07	2	14:07
J-653A	JUNCTION	2.32	6.80	3.24	3	00:37	3.10	2	14:17
J-654	JUNCTION	2.32	6.62	3.06	2	14:23	3.05	2	14:23
J-654A	JUNCTION	2.32	6.67	3.11	2	14:03	3.09	2	14:34
J-657	JUNCTION	2.33	6.58	3.02	2	14:34	3.02	2	14:34

J-659	JUNCTION	2.31	6.56	3.00	2	15:18	3.00	2	15:18
J-663	JUNCTION	3.32	7.55	2.99	2	15:22	2.99	2	15:23
J-665	JUNCTION	3.30	7.51	2.95	2	15:11	2.95	2	15:12
J-666	JUNCTION	3.22	7.45	2.89	2	14:48	2.89	2	14:48
J-67	JUNCTION	2.17	7.00	3.44	2	14:34	3.44	2	14:34
J-670	JUNCTION	3.22	7.45	2.89	2	14:48	2.89	2	14:48
J-672	JUNCTION	3.34	7.56	3.00	1	10:03	3.00	1	09:35
J-673	JUNCTION	3.45	7.37	2.81	2	15:12	2.81	2	15:12
J-673A	JUNCTION	3.45	7.38	2.82	2	15:10	2.82	2	15:11
J-678	JUNCTION	3.25	7.46	2.90	2	14:39	2.90	2	14:40
J-67A	JUNCTION	2.12	7.00	3.44	2	14:36	3.44	2	14:36
J-682	JUNCTION	0.63	6.19	3.63	2	13:24	3.63	2	13:24
J-684	JUNCTION	0.61	6.27	3.71	2	14:34	3.71	2	16:04
J-686	JUNCTION	0.59	6.21	3.65	2	13:32	3.65	2	17:58
J-687	JUNCTION	0.55	6.01	3.45	2	17:39	3.44	2	13:58
J-691	JUNCTION	0.49	5.86	3.30	2	12:26	3.29	2	12:27
J-692	JUNCTION	0.41	5.87	3.31	2	14:24	3.28	2	12:27
J-692-WEIR	JUNCTION	0.33	2.98	0.42	2	18:17	0.17	2	18:44
J-693	JUNCTION	2.28	6.56	4.00	0	00:00	0.61	2	09:00
J-697	JUNCTION	1.15	7.56	4.00	2	11:47	4.00	2	11:51
J-7	JUNCTION	3.18	7.48	2.92	2	14:29	2.92	2	14:31
J-700	JUNCTION	1.15	6.85	3.29	2	11:48	3.29	2	11:48
J-701	JUNCTION	1.13	6.80	3.24	2	11:47	0.52	2	14:51
J-702	JUNCTION	1.13	5.83	2.27	2	11:56	0.65	2	13:15
J-705	JUNCTION	1.14	7.05	3.49	2	11:29	2.71	2	11:55
J-707	JUNCTION	1.14	6.75	3.19	2	11:32	3.19	2	11:48
J-710	JUNCTION	1.15	6.85	3.29	2	13:19	3.29	2	11:48
J-712	JUNCTION	2.50	6.93	3.37	2	12:35	3.37	2	12:35
J-714	JUNCTION	2.69	6.92	3.36	2	14:00	3.35	2	14:00
J-719	JUNCTION	2.75	6.86	3.30	2	13:49	3.30	2	13:50
J-72	JUNCTION	2.27	7.09	3.53	2	14:05	3.53	2	14:05
J-721	JUNCTION	2.70	6.87	3.31	3	00:52	3.31	3	00:54
J-725	JUNCTION	2.69	6.99	3.43	2	13:27	3.43	2	13:27
J-728	JUNCTION	2.80	7.02	3.46	2	13:25	3.46	2	13:25
J-73	JUNCTION	2.32	7.10	3.54	2	14:04	3.54	2	14:05
J-734	JUNCTION	2.89	7.28	3.72	2	12:53	3.72	2	12:53
J-734A	JUNCTION	2.88	7.73	4.17	2	12:30	4.05	2	12:26
J-734B	JUNCTION	2.88	7.28	3.72	2	12:53	3.72	2	12:54
J-735	JUNCTION	2.88	7.41	3.85	3	00:48	3.85	3	00:48
J-736	JUNCTION	5.91	10.80	7.24	3	00:19	7.24	3	00:19
J-74	JUNCTION	2.32	7.11	3.55	2	14:05	3.55	2	14:06
J-740	JUNCTION	3.75	7.82	3.06	2	15:22	3.06	2	15:23
J-741	JUNCTION	3.81	7.83	3.07	2	15:43	3.07	2	15:44
J-744	JUNCTION	3.83	7.83	3.07	2	15:44	3.07	2	15:45
J-745	JUNCTION	3.78	7.83	3.07	2	15:45	3.07	2	15:45
J-745A	JUNCTION	2.64	6.63	3.07	2	15:45	3.07	2	15:45
J-748	JUNCTION	3.95	7.55	2.79	2	19:32	2.79	2	19:32
J-748-WEIR-STANTEC	JUNCTION	3.90	7.55	2.79	2	19:32	2.79	2	19:32
J-748A	JUNCTION	2.80	6.36	2.80	2	19:32	2.80	2	19:32
J-749	JUNCTION	3.99	7.55	2.79	2	19:31	2.79	2	19:32
J-750	JUNCTION	4.05	7.58	2.82	2	19:29	2.82	2	19:30
J-750A	JUNCTION	2.91	6.81	3.25	3	02:16	2.82	2	19:30
J-751	JUNCTION	4.19	7.73	2.82	2	19:28	2.82	2	19:29
J-752	JUNCTION	4.61	8.05	2.69	2	20:14	2.69	2	20:15
J-753	JUNCTION	4.70	8.22	2.75	2	20:13	2.75	2	20:13
J-754	JUNCTION	4.81	8.37	2.80	2	19:23	2.80	2	20:12
J-754-WEIR-STANTEC	JUNCTION	4.48	8.05	2.69	2	20:14	2.69	2	20:15
J-754A	JUNCTION	2.88	6.63	3.07	2	18:45	2.94	2	19:03
J-755	JUNCTION	1.62	6.51	2.95	2	12:34	2.95	2	12:34
J-757	JUNCTION	3.45	8.51	2.95	2	12:32	2.95	2	12:32
J-760	JUNCTION	2.44	6.51	2.95	2	16:06	2.95	2	16:06
J-761	JUNCTION	2.96	7.57	3.01	2	14:49	3.01	2	14:49
J-763	JUNCTION	4.45	8.06	3.00	2	21:42	3.00	2	16:09
J-764	JUNCTION	3.69	8.07	3.01	2	13:39	3.01	2	13:40
J-766	JUNCTION	2.47	7.21	3.65	2	13:03	3.65	2	13:04
J-766A	JUNCTION	2.47	7.52	3.96	2	12:51	3.81	2	12:31
J-768	JUNCTION	2.49	7.05	3.49	2	12:33	3.49	2	12:33
J-769	JUNCTION	2.59	6.91	3.35	2	12:31	3.35	2	12:31
J-77	JUNCTION	2.29	7.17	3.61	2	14:22	3.60	2	14:07
J-771	JUNCTION	2.57	6.86	3.30	2	03:24	3.29	3	02:38
J-772	JUNCTION	2.70	6.91	3.35	3	04:30	3.33	3	04:30
J-774	JUNCTION	2.68	6.86	3.30	2	19:43	3.29	3	05:22
J-776	JUNCTION	2.57	6.85	3.29	2	21:07	3.29	2	09:10
J-778	JUNCTION	2.51	6.85	3.29	2	12:24	3.29	2	12:29
J-77A	JUNCTION	2.30	13.56	10.00	2	21:38	6.91	2	20:19
J-77B	JUNCTION	2.29	7.18	3.62	2	14:07	3.62	2	14:07
J-780	JUNCTION	2.53	6.86	3.30	2	12:24	3.30	2	12:25
J-782	JUNCTION	2.48	6.85	3.29	2	12:20	3.29	2	12:20
J-784	JUNCTION	2.43	6.89	3.33	2	12:19	3.33	2	12:20
J-786	JUNCTION	2.43	6.87	3.31	2	12:14	3.31	2	12:14

J-788	JUNCTION	2.43	6.87	3.31	2	12:11	3.31	2	12:12
J-790	JUNCTION	2.45	6.88	3.32	2	12:09	3.32	2	12:09
J-792	JUNCTION	2.52	7.07	3.51	2	12:06	3.48	2	12:06
J-793	JUNCTION	2.52	6.90	3.34	2	12:08	3.34	2	12:09
J-795	JUNCTION	2.45	6.89	3.33	2	12:08	3.33	2	12:08
J-799	JUNCTION	1.13	7.04	3.44	2	16:48	3.44	2	16:49
J-799-WEIR-EAC	JUNCTION	3.15	7.05	3.45	3	04:14	3.44	3	03:24
J-80	JUNCTION	2.38	7.16	3.60	2	14:05	3.60	2	14:05
J-800	JUNCTION	1.13	6.29	2.69	2	14:12	2.69	2	14:13
J-802	JUNCTION	1.14	6.29	2.69	2	14:13	2.69	2	14:13
J-806	JUNCTION	1.09	6.21	2.61	2	14:04	2.61	2	14:05
J-809	JUNCTION	1.08	6.23	2.63	2	14:55	2.63	2	13:21
J-810	JUNCTION	1.09	6.21	2.61	2	13:22	2.61	2	13:23
J-813	JUNCTION	1.10	6.24	2.64	2	14:05	2.64	2	14:05
J-816	JUNCTION	1.10	6.27	2.67	2	14:06	2.67	2	14:07
J-819	JUNCTION	1.11	6.29	2.69	2	14:07	2.69	2	14:08
J-82	JUNCTION	2.93	7.79	3.73	2	14:46	3.73	2	14:46
J-822	JUNCTION	1.12	6.31	2.71	2	14:08	2.71	2	14:08
J-826	JUNCTION	1.16	6.35	2.75	2	14:37	2.75	2	14:37
J-829	JUNCTION	1.15	6.34	2.74	2	14:27	2.74	2	14:28
J-83	JUNCTION	2.86	7.79	3.73	2	14:31	3.72	2	14:46
J-831	JUNCTION	1.15	6.34	2.74	2	14:24	2.74	2	14:24
J-836	JUNCTION	1.15	6.32	2.72	2	14:17	2.72	2	14:17
J-838	JUNCTION	0.93	5.95	2.35	2	12:26	2.35	2	12:26
J-83A	JUNCTION	2.86	14.06	10.00	2	16:19	6.24	3	00:58
J-84	JUNCTION	2.90	7.79	3.73	2	14:30	3.73	2	14:33
J-841	JUNCTION	0.92	5.76	2.16	2	14:11	2.16	2	14:11
J-844	JUNCTION	0.92	5.67	2.07	2	13:00	2.07	2	12:56
J-848	JUNCTION	0.91	6.04	2.44	2	15:32	2.44	2	16:15
J-850	JUNCTION	0.91	6.60	3.00	2	14:05	3.00	2	13:08
J-851	JUNCTION	0.90	6.30	2.70	2	14:08	2.70	2	14:05
J-856	JUNCTION	5.59	6.57	-2.43	2	12:15	-2.43	2	12:16
J-860	JUNCTION	0.35	1.24	-2.36	2	12:15	-2.36	2	12:15
J-863	JUNCTION	0.37	1.44	-2.16	2	12:15	-2.16	2	12:15
J-865	JUNCTION	0.39	1.70	-1.90	2	12:15	-1.90	2	12:15
J-868	JUNCTION	0.39	1.77	-1.83	2	12:15	-1.83	2	12:15
J-87	JUNCTION	2.46	7.19	3.13	2	15:11	3.13	2	15:11
J-870	JUNCTION	0.39	2.06	-1.54	2	12:14	-1.54	2	12:15
J-879	JUNCTION	3.13	7.06	3.50	3	03:14	3.50	3	05:53
J-88	JUNCTION	2.45	7.15	3.09	2	15:10	3.09	2	15:10
J-880	JUNCTION	3.77	6.04	1.98	2	12:20	1.98	2	12:20
J-881	JUNCTION	3.35	8.23	4.67	3	02:33	4.67	2	05:19
J-882	JUNCTION	3.39	5.60	2.04	2	12:16	2.04	2	12:17
J-883	JUNCTION	5.31	7.90	2.34	2	13:52	2.32	2	13:53
J-884	JUNCTION	3.33	6.33	2.77	2	13:51	2.46	2	13:52
J-888	JUNCTION	2.45	6.50	2.94	2	16:05	2.94	2	16:05
J-889	JUNCTION	2.45	6.50	2.94	2	16:05	2.94	2	16:06
J-891	JUNCTION	2.44	6.46	2.90	2	15:59	2.90	2	15:59
J-892	JUNCTION	2.44	6.45	2.89	2	15:58	2.89	2	15:59
J-894	JUNCTION	2.44	6.43	2.87	2	19:26	2.87	2	19:27
J-896	JUNCTION	2.44	6.40	2.84	2	19:25	2.84	2	19:25
J-899	JUNCTION	2.44	6.55	2.99	2	15:51	2.99	2	15:51
J-899A	JUNCTION	2.44	6.73	3.17	3	00:35	3.05	2	16:37
J-902	JUNCTION	3.77	9.54	5.08	2	23:57	4.91	3	00:50
J-903	JUNCTION	3.72	7.22	2.85	2	19:21	2.84	2	20:10
J-903A	JUNCTION	2.92	6.99	3.43	2	18:45	3.24	2	18:33
J-910	JUNCTION	3.16	4.29	0.73	2	12:14	0.72	2	12:15
J-912	JUNCTION	3.16	4.89	1.33	2	12:14	1.32	2	12:15
J-917	JUNCTION	2.70	9.50	6.00	2	10:08	4.73	2	11:15
J-918	JUNCTION	2.71	6.54	3.04	2	18:00	3.04	2	08:23
J-920	JUNCTION	2.70	8.00	4.00	1	21:23	1.07	2	09:36
J-934	JUNCTION	2.42	6.39	2.83	2	19:24	2.82	2	19:24
J-934A	JUNCTION	2.42	6.64	3.08	2	18:45	3.02	2	18:37
J-951	JUNCTION	2.18	8.18	4.62	2	11:56	4.62	2	20:03
J-953	JUNCTION	2.21	7.63	4.07	2	22:02	4.06	2	17:21
J-954	JUNCTION	2.61	7.03	3.47	2	20:39	3.46	2	21:58
J-958	JUNCTION	1.84	6.11	4.75	2	18:58	4.75	2	18:59
J-96	JUNCTION	2.43	7.13	3.07	2	15:09	3.07	2	15:09
J-963	JUNCTION	3.16	7.50	2.94	2	14:42	2.94	2	14:43
J-99	JUNCTION	2.02	6.63	3.07	2	15:05	3.07	2	15:06
JCT-24	JUNCTION	4.34	6.22	2.66	2	13:44	2.54	2	12:11
JCT-26	JUNCTION	3.79	8.22	2.28	2	14:20	2.27	2	14:21
JCT-26-WEIR	JUNCTION	1.15	8.04	2.55	2	13:35	2.43	2	13:30
JCT-28	JUNCTION	2.71	4.57	0.51	2	20:44	0.49	2	20:44
JCT-28-WEIR	JUNCTION	0.54	4.15	0.59	2	21:02	0.49	2	20:44
JCT-30	JUNCTION	3.18	7.38	2.82	2	15:08	2.82	2	15:09
JCT-32	JUNCTION	1.15	3.76	0.20	2	12:15	0.20	2	12:15
JCT-32-WEIR	JUNCTION	0.48	3.67	0.11	2	11:59	0.03	2	12:01
JCT-36	JUNCTION	3.72	4.64	1.08	2	12:15	1.08	2	12:15
JCT-46	JUNCTION	4.31	7.72	4.16	2	12:14	4.16	2	12:14

JCT-64	JUNCTION	3.34	7.07	3.07	2	14:23	3.07	2	14:23
J-171	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-263	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-279	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-33A	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-386	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-442	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-561A	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-567A	OUTFALL	0.00	0.00	-4.00	0	00:00	-4.00	0	00:00
J-582	OUTFALL	5.21	6.10	0.60	1	21:00	0.60	1	21:00
J-605	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-671	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-694	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-703	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-909	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-911	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-913	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-919	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-920A	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
J-963A	OUTFALL	2.28	3.16	0.60	1	21:00	0.60	1	21:00
J575A	OUTFALL	3.72	4.60	0.60	1	21:00	0.60	1	21:00
OFALL-10	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-12	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-14	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-16	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-18	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-20	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-22	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-24	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-26	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-28	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-30	OUTFALL	0.00	0.00	-2.00	0	00:00	-2.00	0	00:00
OFALL-32	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-34	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-36	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-38	OUTFALL	0.00	0.00	-2.56	0	00:00	-2.56	0	00:00
OFALL-40	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-42	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-44	OUTFALL	0.00	0.00	-2.50	0	00:00	-2.50	0	00:00
OFALL-46	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-48	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-50	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-52	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-54	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-66	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
WELL-2E	OUTFALL	3.24	6.50	4.00	2	12:04	4.00	2	12:05
WELL-3	OUTFALL	1.65	2.47	0.97	2	12:15	0.97	2	12:15
WELL-4	OUTFALL	1.66	2.57	1.07	2	12:15	1.07	2	12:15
WELL-W-ENID-DR	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-856-STORAGE-NEW	STORAGE	6.14	8.18	-7.82	2	12:59	-7.89	2	13:20

****
Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error gal or %
J-102	JUNCTION	0.00	7.48	2 11:54	0	2.1	-1.970 %
J-104	JUNCTION	2.93	7.06	2 11:43	0.285	1.91	15.769 %
J-106	JUNCTION	0.00	9.64	2 11:34	0	0.919	11.424 %
J-109	JUNCTION	0.00	11.84	3 01:55	0	2.72	9.218 %
J-11	JUNCTION	0.00	18.80	3 00:47	0	3.04	7.922 %
J-110	JUNCTION	3.51	11.28	2 12:05	0.312	1.61	0.414 %
J-113	JUNCTION	0.00	14.86	2 13:50	0	2.42	7.714 %
J-114	JUNCTION	0.00	21.76	2 13:49	0	2.6	-1.686 %
J-118	JUNCTION	0.00	23.78	3 00:50	0	2.97	0.832 %
J-12	JUNCTION	0.00	17.92	2 16:53	0	2.31	2.277 %
J-121	JUNCTION	3.50	7.20	3 01:20	0.294	0.568	11.901 %
J-126	JUNCTION	7.84	9.30	2 12:15	0.844	0.985	0.091 %
J-126A	JUNCTION	0.00	3.76	2 15:38	0	0.123	0.000 %
J-127	JUNCTION	0.00	7.03	2 11:46	0	1.01	-0.056 %
J-128	JUNCTION	0.00	9.26	2 11:38	0	1.1	-0.461 %
J-129	JUNCTION	6.28	11.61	2 13:05	0.559	1.5	-1.016 %
J-130	JUNCTION	0.00	9.06	2 14:11	0	1.88	1.535 %
J-131	JUNCTION	0.00	6.79	2 16:02	0	1.63	1.423 %

J-132	JUNCTION	4.74	4.87	2	12:14	0.434	1.25	1.353 %
J-137	JUNCTION	0.00	3.56	3	02:57	0	0.875	7.812 %
J-139	JUNCTION	0.00	4.83	3	02:47	0	1.48	1.970 %
J-140	JUNCTION	0.00	5.23	3	01:50	0	1.47	2.818 %
J-147	JUNCTION	5.63	6.58	2	12:14	0.522	1.52	0.338 %
J-148	JUNCTION	0.00	7.55	3	00:50	0	1.25	2.881 %
J-149	JUNCTION	0.00	4.11	2	11:54	0	0.167	6.939 %
J-15	JUNCTION	1.01	24.21	2	12:01	0.0754	1.95	1.295 %
J-152	JUNCTION	4.83	4.83	2	12:15	0.447	1.14	1.032 %
J-153	JUNCTION	0.00	4.26	3	03:27	0	0.767	5.227 %
J-155	JUNCTION	0.00	4.15	3	02:18	0	0.764	6.928 %
J-156	JUNCTION	0.00	4.55	3	02:18	0	0.779	8.844 %
J-158	JUNCTION	7.76	26.93	3	03:16	0.917	1.83	-0.080 %
J-158A	JUNCTION	0.00	16.87	3	03:16	0	0.613	0.282 %
J-15A	JUNCTION	0.00	12.10	2	23:51	0	0.372	1.860 %
J-160	JUNCTION	0.00	9.11	3	03:02	0	0.944	1.583 %
J-161	JUNCTION	2.21	6.40	2	14:32	0.204	1.79	-0.604 %
J-162	JUNCTION	0.00	6.72	2	14:00	0	1.79	-2.189 %
J-163	JUNCTION	1.44	11.50	2	13:27	0.125	1.94	3.003 %
J-164	JUNCTION	0.00	7.21	2	14:24	0	1.86	1.547 %
J-165	JUNCTION	1.26	6.86	2	14:52	0.107	1.94	1.336 %
J-166	JUNCTION	2.38	7.96	2	12:18	0.222	2.11	-0.219 %
J-167	JUNCTION	0.00	13.04	2	13:11	0	2.28	1.656 %
J-168	JUNCTION	0.00	3.45	2	12:01	0	0.446	7.314 %
J-169	JUNCTION	1.62	3.62	2	11:36	0.13	0.428	9.418 %
J-170	JUNCTION	1.48	2.78	2	09:11	0.115	0.214	12.756 %
J-174	JUNCTION	0.00	4.53	2	11:50	0	0.274	18.679 %
J-175	JUNCTION	0.00	2.15	2	11:25	0	0.101	35.782 %
J-176	JUNCTION	0.00	5.89	2	11:35	0	1.04	1.278 %
J-179	JUNCTION	0.00	10.69	2	10:17	0	2.27	-7.441 %
J-18	JUNCTION	3.08	32.77	2	12:01	0.268	1.93	0.968 %
J-180	JUNCTION	2.71	15.91	2	11:52	0.231	0.684	0.207 %
J-180A	JUNCTION	0.00	14.20	2	11:52	0	0.415	-0.883 %
J-185	JUNCTION	4.77	19.66	3	00:35	0.447	1.06	0.649 %
J-185A	JUNCTION	0.00	17.58	2	11:48	0	0.521	-1.954 %
J-188	JUNCTION	4.97	27.35	3	01:33	0.445	1.04	0.670 %
J-188A	JUNCTION	0.00	28.66	3	01:34	0	0.644	-26.486 %
J-191	JUNCTION	3.62	18.58	2	11:34	0.306	1.39	0.247 %
J-191A	JUNCTION	0.00	17.12	2	11:34	0	1.2	0.000 %
J-195	JUNCTION	0.00	20.47	2	11:39	0	1.74	0.408 %
J-195A	JUNCTION	0.00	19.95	3	00:46	0	1.53	-1.106 %
J-198	JUNCTION	6.03	7.36	2	12:15	0.613	1.47	6.789 %
J-199	JUNCTION	0.00	4.59	1	20:50	0	1.36	6.049 %
J-19A	JUNCTION	0.00	21.94	3	00:34	0	0.444	1.513 %
J-203	JUNCTION	2.31	5.97	2	10:48	0.216	1.57	-0.936 %
J-204	JUNCTION	0.00	5.92	2	03:52	0	1.37	1.159 %
J-206	JUNCTION	0.00	5.51	3	04:04	0	1.67	6.435 %
J-208	JUNCTION	1.95	9.63	3	04:03	0.177	2.34	0.000 %
J-209	JUNCTION	3.35	4.38	3	05:43	0.334	1.04	14.017 %
J-212	JUNCTION	0.00	3.88	3	03:49	0	0.892	15.195 %
J-213	JUNCTION	2.54	15.99	3	03:09	0.24	1.51	0.248 %
J-213A	JUNCTION	0.00	12.57	2	11:12	0	1.14	0.762 %
J-217	JUNCTION	4.00	7.21	0	22:13	0.345	0.896	-13.869 %
J-218	JUNCTION	0.00	13.44	3	05:09	0	1.59	1.918 %
J-222	JUNCTION	0.00	27.68	1	04:10	0	2.57	-4.842 %
J-223	JUNCTION	3.62	42.13	1	01:17	0.329	4.34	-0.477 %
J-223A	JUNCTION	0.00	35.84	1	19:45	0	1.83	-1.879 %
J-225	JUNCTION	0.00	4.15	2	10:26	0	1.2	6.661 %
J-226	JUNCTION	2.46	5.04	3	02:10	0.188	1.28	4.063 %
J-232	JUNCTION	0.00	4.71	3	04:49	0	1.23	9.001 %
J-233	JUNCTION	3.01	7.06	2	22:24	0.249	1.49	9.644 %
J-235	JUNCTION	0.00	11.81	3	01:34	0	3.44	0.811 %
J-238	JUNCTION	2.85	14.51	3	03:51	0.235	2.98	8.672 %
J-24	JUNCTION	0.00	4.81	3	00:41	0	0.886	6.192 %
J-242	JUNCTION	1.95	7.58	2	08:24	0.177	0.575	21.855 %
J-244	JUNCTION	1.99	5.05	1	09:52	0.182	0.469	2.922 %
J-247	JUNCTION	3.64	5.41	2	09:09	0.306	1.07	4.703 %
J-248	JUNCTION	0.00	14.17	2	06:14	0	1.45	5.460 %
J-249	JUNCTION	4.88	15.70	2	23:27	0.428	3.95	2.318 %
J-25	JUNCTION	3.89	29.01	3	00:53	0.398	1.88	0.952 %
J-253	JUNCTION	3.57	3.87	2	12:10	0.29	0.511	-5.529 %
J-254	JUNCTION	0.00	5.60	2	03:53	0	0.813	10.096 %
J-256	JUNCTION	4.90	4.90	2	12:14	0.424	1.06	-11.932 %
J-259	JUNCTION	0.00	4.52	2	11:51	0	1.07	4.907 %
J-25A	JUNCTION	0.00	22.53	3	00:42	0	0.415	-0.036 %
J-260	JUNCTION	0.00	7.47	2	16:54	0	1	-2.097 %
J-261	JUNCTION	0.00	73.46	2	13:12	0	2.11	-4.281 %
J-261-WEIR	JUNCTION	0.00	60.94	2	15:52	0	1.53	-18.853 %
J-262	JUNCTION	0.00	10.85	2	13:12	0	1.63	-0.093 %
J-266	JUNCTION	3.23	7.95	1	11:03	0.267	1.61	-2.568 %

J-267	JUNCTION	2.98	9.03	3	03:51	0.29	1.62	-1.828 %
J-268	JUNCTION	0.00	38.49	2	12:28	0	4.52	-1.615 %
J-268-WEIR	JUNCTION	0.00	21.38	2	12:28	0	0.485	-6.904 %
J-269	JUNCTION	0.00	9.12	1	19:52	0	3.26	2.389 %
J-27	JUNCTION	3.10	28.17	3	00:55	0.304	1.34	0.656 %
J-271	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J-275	JUNCTION	0.00	34.28	2	06:01	0	4.12	1.336 %
J-278	JUNCTION	0.00	6.55	2	15:23	0	2.78	2.179 %
J-27A	JUNCTION	0.00	21.27	3	01:01	0	0.379	0.919 %
J-280	JUNCTION	0.00	6.51	2	14:44	0	2.94	4.269 %
J-281	JUNCTION	0.00	7.49	2	15:30	0	2.97	2.539 %
J-282	JUNCTION	3.38	7.55	2	14:22	0.317	3.03	-1.006 %
J-283	JUNCTION	0.00	7.28	3	02:23	0	2.94	2.288 %
J-284	JUNCTION	0.00	23.18	2	03:15	0	6.52	-0.009 %
J-284-WEIR	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J-285	JUNCTION	0.00	30.60	2	07:10	0	6.96	-1.400 %
J-286	JUNCTION	0.00	25.44	2	08:24	0	4.53	-3.972 %
J-288	JUNCTION	1.97	38.23	2	22:09	0.179	5.73	0.770 %
J-288A	JUNCTION	0.00	28.13	2	22:01	0	1.33	-0.591 %
J-290	JUNCTION	6.17	28.88	2	20:38	0.601	2.35	0.142 %
J-290A	JUNCTION	0.00	26.13	2	20:38	0	1.38	0.000 %
J-293	JUNCTION	0.00	7.05	1	22:56	0	1.46	5.693 %
J-295	JUNCTION	0.00	7.42	2	23:21	0	1.4	-0.423 %
J-296	JUNCTION	1.23	6.34	2	07:44	0.104	1.48	3.865 %
J-297	JUNCTION	0.00	22.03	2	06:47	0	1.72	3.664 %
J-30	JUNCTION	0.00	4.69	3	01:13	0	0.934	7.632 %
J-300	JUNCTION	1.24	21.60	1	21:39	0.105	4.53	-4.611 %
J-301	JUNCTION	0.00	16.00	3	05:59	0	4.16	-0.491 %
J-304	JUNCTION	0.00	9.11	2	11:19	0	2.97	-0.571 %
J-305	JUNCTION	3.31	21.04	2	09:07	0.286	2.98	0.981 %
J-31	JUNCTION	3.30	25.45	3	01:21	0.311	1.86	0.246 %
J-310	JUNCTION	3.21	8.10	3	04:43	0.273	2.82	0.860 %
J-312	JUNCTION	0.00	13.55	2	09:10	0	3.36	1.273 %
J-314	JUNCTION	3.04	24.34	2	20:25	0.277	0.943	-0.141 %
J-314A	JUNCTION	0.00	22.63	2	20:25	0	0.446	0.281 %
J-317	JUNCTION	2.57	5.44	2	11:43	0.243	1.77	3.429 %
J-31A	JUNCTION	0.00	17.14	3	01:54	0	0.811	-0.889 %
J-321	JUNCTION	2.56	29.75	2	21:36	0.222	0.972	0.113 %
J-321A	JUNCTION	0.00	20.93	2	21:27	0	0.549	-0.170 %
J-323	JUNCTION	0.00	3.48	2	11:40	0	0.764	6.471 %
J-324	JUNCTION	3.85	20.45	2	21:48	0.349	1.16	0.102 %
J-324A	JUNCTION	0.00	17.10	2	21:48	0	0.702	0.097 %
J-327	JUNCTION	0.00	4.80	2	11:54	0	0.368	21.145 %
J-328	JUNCTION	2.51	20.67	3	01:22	0.245	0.351	0.943 %
J-328A	JUNCTION	0.00	18.67	3	01:35	0	0.13	1.402 %
J-33	JUNCTION	0.00	9.11	3	03:07	0	2.18	1.518 %
J-333	JUNCTION	0.00	4.39	3	03:34	0	0.836	14.582 %
J-334	JUNCTION	0.00	3.72	3	03:26	0	0.866	9.033 %
J-335	JUNCTION	0.00	3.63	2	08:04	0	0.85	14.005 %
J-341	JUNCTION	6.87	18.95	2	11:32	0.658	1.56	0.174 %
J-341A	JUNCTION	0.00	16.59	2	11:32	0	1.27	0.000 %
J-342	JUNCTION	6.77	11.02	2	12:03	0.63	2.75	0.402 %
J-343	JUNCTION	0.00	5.15	3	05:14	0	1.03	13.016 %
J-348	JUNCTION	0.00	3.78	2	11:48	0	0.83	12.476 %
J-351	JUNCTION	3.65	14.26	2	11:43	0.346	1.3	0.086 %
J-351A	JUNCTION	0.00	9.26	3	03:13	0	1.1	0.080 %
J-354	JUNCTION	3.51	22.37	2	17:48	0.344	1.49	1.954 %
J-354A	JUNCTION	0.00	85.92	3	01:47	0	3.61	0.682 %
J-354B	JUNCTION	0.00	83.36	2	23:57	0	3.57	-32.083 %
J-355	JUNCTION	4.42	22.05	3	02:58	0.363	0.902	0.000 %
J-355A	JUNCTION	0.00	19.02	3	03:31	0	0.581	-1.541 %
J-359	JUNCTION	0.00	6.10	3	03:01	0	0.728	1.109 %
J-36	JUNCTION	0.00	5.78	3	03:31	0	1.64	5.656 %
J-362	JUNCTION	0.00	5.14	2	11:46	0	2.02	1.056 %
J-363	JUNCTION	2.87	6.64	2	11:56	0.315	2.14	-0.393 %
J-364	JUNCTION	0.00	8.20	2	11:55	0	1.98	0.221 %
J-367	JUNCTION	0.00	6.60	3	05:18	0	1.76	9.922 %
J-368	JUNCTION	5.01	8.17	2	11:56	0.537	1.92	-0.310 %
J-369	JUNCTION	0.00	7.26	2	11:48	0	1.57	2.830 %
J-374	JUNCTION	0.00	7.20	2	11:57	0	2.01	0.369 %
J-375	JUNCTION	0.00	23.23	2	11:44	0	1.67	0.565 %
J-380	JUNCTION	3.24	45.63	2	22:25	0.321	2.8	-0.733 %
J-380A	JUNCTION	0.00	39.93	2	22:25	0	0.488	0.323 %
J-381	JUNCTION	0.00	10.65	2	11:57	0	2.52	-1.552 %
J-384	JUNCTION	4.97	30.93	2	11:42	0.501	3.64	-0.205 %
J-385	JUNCTION	0.00	14.70	3	03:52	0	2.42	0.658 %
J-388	JUNCTION	2.85	13.51	2	11:13	0.256	2.74	12.851 %
J-389	JUNCTION	0.00	8.04	1	20:57	0	1.28	3.482 %
J-393	JUNCTION	0.00	5.09	2	11:34	0	0.98	21.473 %
J-396	JUNCTION	3.99	4.14	3	01:39	0.408	1.03	12.391 %

J-399	JUNCTION	0.00	4.44	3	03:27	0	0.836	15.985 %
J-40	JUNCTION	3.04	71.18	3	02:35	0.297	1.83	-0.206 %
J-402	JUNCTION	4.99	19.23	3	00:19	0.513	0.954	0.014 %
J-402A	JUNCTION	0.00	15.99	3	00:37	0	0.413	0.775 %
J-405	JUNCTION	0.00	4.06	2	11:32	0	0.67	10.726 %
J-407	JUNCTION	0.00	5.24	3	00:50	0	0.707	11.506 %
J-409	JUNCTION	0.00	6.23	3	01:20	0	0.848	3.400 %
J-40A	JUNCTION	0.00	23.27	3	02:35	0	0.379	0.806 %
J-40B	JUNCTION	0.00	22.78	3	02:35	0	0.618	0.477 %
J-40C	JUNCTION	0.00	18.14	3	02:15	0	0.626	-0.556 %
J-410	JUNCTION	3.23	10.92	2	21:02	0.303	1.25	10.362 %
J-412	JUNCTION	0.00	9.50	3	01:19	0	2.18	1.638 %
J-414	JUNCTION	0.00	8.13	3	00:45	0	0.999	5.085 %
J-415	JUNCTION	3.86	43.90	2	22:54	0.362	1.41	-0.399 %
J-415A	JUNCTION	0.00	17.31	2	22:54	0	0.494	0.019 %
J-415B	JUNCTION	0.00	17.25	2	22:54	0	0.362	-0.734 %
J-416	JUNCTION	0.00	11.92	2	21:36	0	0.952	1.817 %
J-417	JUNCTION	0.00	18.02	2	11:49	0	4.12	-2.533 %
J-42	JUNCTION	2.46	25.40	3	05:10	0.212	1.31	-0.449 %
J-421	JUNCTION	4.82	13.82	3	03:52	0.528	2.25	0.970 %
J-422	JUNCTION	2.41	34.10	3	02:15	0.232	1.1	0.298 %
J-422A	JUNCTION	0.00	25.25	3	01:40	0	0.854	0.143 %
J-423	JUNCTION	7.93	40.53	2	15:23	0.774	6.46	-2.194 %
J-423A	JUNCTION	0.00	28.76	2	17:48	0	2.34	0.883 %
J-424	JUNCTION	0.00	4.38	3	02:16	0	1.24	7.821 %
J-427	JUNCTION	0.00	3.98	3	00:48	0	1.25	8.558 %
J-42A	JUNCTION	0.00	22.83	3	05:10	0	0.405	0.151 %
J-430	JUNCTION	5.11	21.83	3	01:09	0.49	1.68	-1.591 %
J-430A	JUNCTION	0.00	18.97	3	01:34	0	0.939	-1.093 %
J-431	JUNCTION	4.10	43.16	3	01:22	0.41	3.28	-0.506 %
J-431A	JUNCTION	0.00	18.96	1	12:16	0	1.29	1.283 %
J-432	JUNCTION	0.00	10.74	1	12:15	0	1.39	8.539 %
J-432B	JUNCTION	0.00	18.96	1	12:16	0	1.15	-0.005 %
J-433	JUNCTION	0.00	7.20	0	20:38	0	1.24	11.205 %
J-434	JUNCTION	0.00	10.90	0	20:24	0	1.23	8.576 %
J-435	JUNCTION	0.00	10.43	0	20:38	0	1.22	10.993 %
J-436	JUNCTION	0.00	9.41	2	04:28	0	1.24	3.678 %
J-437	JUNCTION	4.11	9.62	0	21:15	0.425	1.5	-1.181 %
J-438	JUNCTION	3.55	5.29	2	09:56	0.322	0.634	-17.704 %
J-439	JUNCTION	0.00	7.82	1	15:26	0	1.95	7.784 %
J-440	JUNCTION	3.97	24.42	2	15:56	0.404	6.72	0.294 %
J-441	JUNCTION	0.00	11.97	2	08:41	0	1.81	-4.345 %
J-444	JUNCTION	0.00	69.82	2	12:38	0	4.25	8.603 %
J-444-WEIR	JUNCTION	0.00	47.71	2	12:24	0	2.03	-14.140 %
J-445	JUNCTION	1.24	29.27	2	18:24	0.0948	4.67	-1.147 %
J-448	JUNCTION	0.00	13.84	3	02:51	0	3.47	2.161 %
J-450	JUNCTION	0.00	23.08	3	00:45	0	4.94	3.103 %
J-454	JUNCTION	0.00	12.06	2	08:43	0	3.57	1.257 %
J-455	JUNCTION	0.00	17.10	1	20:48	0	3.57	0.138 %
J-459	JUNCTION	5.95	33.60	2	09:04	0.631	6.06	0.468 %
J-459A	JUNCTION	0.00	25.69	2	10:44	0	2.21	0.000 %
J-460-NEW	JUNCTION	0.00	29.34	1	21:02	0	5.55	0.173 %
J-463	JUNCTION	0.00	29.27	1	21:03	0	5.86	0.263 %
J-466	JUNCTION	0.00	115.74	2	10:44	0	10.2	-1.277 %
J-468	JUNCTION	0.00	18.20	2	09:44	0	1.22	17.315 %
J-47	JUNCTION	1.06	13.43	2	14:15	0.183	2.74	14.240 %
J-470	JUNCTION	0.79	58.56	3	02:58	0.169	8	-2.486 %
J-471	JUNCTION	0.00	75.87	2	14:40	0	8.72	-6.741 %
J-478	JUNCTION	0.00	72.68	1	21:07	0	11	-6.354 %
J-479	JUNCTION	0.69	68.68	1	21:48	0.14	10.3	-2.463 %
J-480	JUNCTION	0.93	44.48	1	21:55	0.157	8.36	-11.024 %
J-481	JUNCTION	2.82	30.49	2	10:13	0.239	7.33	-8.128 %
J-482	JUNCTION	1.95	26.24	1	14:28	0.201	7.17	-6.211 %
J-484	JUNCTION	0.00	14.47	1	21:47	0	1.06	-3.232 %
J-485	JUNCTION	0.00	16.55	1	21:48	0	1.63	9.133 %
J-486	JUNCTION	0.00	30.91	3	04:24	0	7.86	1.664 %
J-487	JUNCTION	2.29	19.17	1	18:09	0.221	6.91	0.282 %
J-489	JUNCTION	3.05	18.42	1	21:48	0.287	6.63	-1.821 %
J-491	JUNCTION	0.00	14.11	2	10:05	0	6.46	1.445 %
J-492	JUNCTION	0.00	10.67	2	20:08	0	6.45	2.447 %
J-493	JUNCTION	0.78	25.33	2	14:31	0.147	8.07	4.261 %
J-495	JUNCTION	0.00	17.65	3	05:09	0	5.98	5.048 %
J-497	JUNCTION	1.52	5.88	2	11:51	0.171	1.45	7.496 %
J-498	JUNCTION	3.61	30.21	2	18:24	0.416	1.38	-6.409 %
J-498A	JUNCTION	0.00	20.44	2	17:55	0	0.811	1.834 %
J-499	JUNCTION	0.00	14.38	2	22:26	0	0.902	0.373 %
J-5	JUNCTION	7.34	30.66	3	02:05	0.665	3.92	0.149 %
J-50	JUNCTION	0.00	8.03	2	10:46	0	2.11	17.802 %
J-500	JUNCTION	0.00	13.84	2	19:53	0	0.928	4.765 %
J-505	JUNCTION	0.00	8.46	2	11:40	0	0.853	5.876 %

J-508	JUNCTION	5.35	11.05	2	16:05	0.632	1.32	3.170 %
J-51	JUNCTION	0.00	24.58	2	23:53	0	3.03	10.585 %
J-512	JUNCTION	1.31	10.54	3	00:27	0.148	1.38	4.792 %
J-518	JUNCTION	1.36	8.80	3	00:54	0.153	1.47	3.039 %
J-53	JUNCTION	0.00	2.30	2	11:35	0	0.037	-2.046 %
J-534	JUNCTION	3.18	6.22	2	12:13	0.359	2.38	-0.206 %
J-537	JUNCTION	0.00	8.92	1	18:15	0	2.05	0.191 %
J-539	JUNCTION	1.29	51.87	2	12:09	0.151	3.01	0.197 %
J-539-WEIR	JUNCTION	0.00	124.65	2	10:25	0	1.52	-4.611 %
J-539A	JUNCTION	0.00	122.80	2	11:35	0	2.28	0.000 %
J-54	JUNCTION	3.88	15.74	2	11:35	0.399	0.77	3.763 %
J-541	JUNCTION	3.28	6.94	2	12:10	0.293	0.612	-3.654 %
J-544	JUNCTION	1.10	9.40	2	15:29	0.198	2.13	17.781 %
J-548	JUNCTION	0.00	28.75	2	17:01	0	3.13	-8.598 %
J-54A	JUNCTION	0.00	8.44	3	02:05	0	0.336	5.589 %
J-54B	JUNCTION	0.00	7.39	2	11:37	0	0.0832	16.452 %
J-550	JUNCTION	0.69	24.09	2	20:00	0.123	3.17	-16.925 %
J-553	JUNCTION	0.00	20.27	1	18:18	0	3.8	14.016 %
J-554	JUNCTION	0.00	43.63	3	05:12	0	16.9	0.324 %
J-555	JUNCTION	3.04	43.36	2	09:26	0.356	16.5	-1.841 %
J-557	JUNCTION	2.38	13.38	2	20:38	0.223	12.7	-0.444 %
J-558	JUNCTION	0.00	18.11	2	17:38	0	12.7	-0.242 %
J-559	JUNCTION	1.57	32.91	2	05:52	0.138	15.3	0.270 %
J-560	JUNCTION	0.00	27.80	3	04:43	0	15.2	-0.143 %
J-561	JUNCTION	0.00	27.73	2	12:20	0	15.3	0.073 %
J-563	JUNCTION	3.81	35.29	2	22:47	0.338	1.49	1.252 %
J-563A	JUNCTION	0.00	30.33	2	22:43	0	0.764	0.000 %
J-565	JUNCTION	0.00	16.00	2	22:20	0	3.11	13.904 %
J-566	JUNCTION	0.00	251.78	2	12:21	0	3.9	-7.217 %
J-566-WEIR	JUNCTION	0.00	161.46	2	13:28	0	1.5	-37.839 %
J-567	JUNCTION	0.00	12.65	2	12:09	0	1.02	1.191 %
J-568	JUNCTION	0.00	28.27	2	13:35	0	1.11	2.103 %
J-569	JUNCTION	0.00	52.79	2	12:41	0	1.37	1.150 %
J-570	JUNCTION	0.00	46.01	2	12:14	0	1.6	-0.051 %
J-571	JUNCTION	8.53	63.75	2	16:19	0.907	3.46	-0.425 %
J-571A	JUNCTION	0.00	26.06	2	18:50	0	0.547	0.861 %
J-571B	JUNCTION	0.00	25.92	2	18:50	0	0.601	1.222 %
J-572A	JUNCTION	0.00	1.61	2	21:02	0	0.163	1.208 %
J-572B	JUNCTION	0.00	1.61	2	21:02	0	0.11	0.000 %
J-575	JUNCTION	0.00	48.43	0	00:00	0	0.655	0.342 %
J-576	JUNCTION	0.00	4.26	2	22:17	0	0.576	7.564 %
J-577	JUNCTION	0.00	5.39	2	18:21	0	0.974	-0.842 %
J-578	JUNCTION	0.00	4.45	2	11:15	0	0.937	12.467 %
J-58	JUNCTION	2.36	23.85	2	11:23	0.226	0.88	1.243 %
J-581	JUNCTION	0.00	4.06	2	15:27	0	0.988	0.000 %
J-585	JUNCTION	6.51	26.97	2	16:46	0.606	1.18	-0.392 %
J-585B	JUNCTION	0.00	17.71	2	17:25	0	0.543	0.643 %
J-588	JUNCTION	0.00	5.33	2	15:33	0	0.741	26.301 %
J-58A	JUNCTION	0.00	18.89	2	11:31	0	0.0657	4.368 %
J-59	JUNCTION	3.66	30.07	2	11:23	0.333	0.877	2.594 %
J-591	JUNCTION	5.00	43.38	2	14:11	0.436	1.61	0.222 %
J-591A	JUNCTION	0.00	19.71	2	18:21	0	0.181	1.936 %
J-591B	JUNCTION	0.00	19.71	2	18:21	0	0.181	1.934 %
J-596	JUNCTION	0.00	2.24	2	16:46	0	0.0837	48.383 %
J-596A	JUNCTION	0.00	26.26	2	18:29	0	0.609	-0.922 %
J-598	JUNCTION	6.85	20.41	2	11:57	0.589	1.26	0.571 %
J-598A	JUNCTION	0.00	15.18	2	11:57	0	0.238	0.162 %
J-598B	JUNCTION	0.00	5.48	2	11:57	0	0.371	0.221 %
J-59A	JUNCTION	0.00	11.58	2	11:44	0	0.452	3.046 %
J-59B	JUNCTION	0.00	19.49	2	11:43	0	0.233	1.521 %
J-5A	JUNCTION	0.00	23.52	3	02:52	0	1.64	-0.280 %
J-6	JUNCTION	0.00	21.76	2	17:19	0	1.67	6.211 %
J-60	JUNCTION	0.00	5.62	2	11:27	0	0.605	1.607 %
J-601	JUNCTION	0.00	5.52	2	14:10	0	0.778	9.143 %
J-602	JUNCTION	0.00	5.39	3	01:01	0	0.867	9.151 %
J-603	JUNCTION	0.00	8.61	2	12:37	0	1.21	-3.587 %
J-604	JUNCTION	0.00	7.52	2	14:19	0	0.719	0.362 %
J-606	JUNCTION	2.77	14.25	2	15:19	0.266	1.42	-1.373 %
J-607	JUNCTION	0.00	8.80	2	14:07	0	1.41	12.864 %
J-609	JUNCTION	0.00	10.31	2	13:05	0	1.52	3.772 %
J-61	JUNCTION	2.46	29.23	2	11:54	0.205	2.71	1.236 %
J-611	JUNCTION	6.92	8.21	2	15:23	0.803	1.73	0.113 %
J-611A	JUNCTION	0.00	4.09	2	14:33	0	0.438	0.147 %
J-611B	JUNCTION	0.00	3.29	2	11:23	0	0.482	0.127 %
J-613	JUNCTION	0.00	5.04	2	15:20	0	0.873	10.805 %
J-615	JUNCTION	0.00	5.27	2	16:46	0	0.813	10.620 %
J-618	JUNCTION	2.27	3.69	3	04:17	0.211	0.752	24.415 %
J-61A	JUNCTION	0.00	51.87	2	18:25	0	3.31	14.761 %
J-623	JUNCTION	0.00	10.03	3	02:10	0	0.761	11.820 %
J-624	JUNCTION	3.97	30.00	3	02:35	0.409	1.96	-0.556 %

J-624A	JUNCTION	0.00	19.80	3	02:42	0	1.01	1.072 %
J-626	JUNCTION	0.00	7.89	3	04:59	0	1.69	3.267 %
J-629	JUNCTION	4.16	4.65	2	12:15	0.374	1.04	7.219 %
J-63	JUNCTION	5.36	8.59	3	01:33	0.541	1.21	1.383 %
J-632	JUNCTION	1.93	3.35	3	04:52	0.174	0.703	21.745 %
J-633	JUNCTION	3.48	14.90	3	03:42	0.32	1.69	2.608 %
J-637	JUNCTION	1.06	7.85	2	11:56	0.0887	1.08	6.435 %
J-64	JUNCTION	0.00	6.99	3	03:28	0	0.77	5.544 %
J-640	JUNCTION	2.63	5.02	3	03:16	0.251	1.19	13.354 %
J-647	JUNCTION	2.07	50.92	2	18:42	0.206	4.88	-0.005 %
J-647A	JUNCTION	0.00	30.98	3	03:41	0	1.61	2.355 %
J-647B	JUNCTION	0.00	48.02	3	04:46	0	3.69	-5.139 %
J-650	JUNCTION	0.00	14.09	3	03:54	0	3.13	1.380 %
J-653	JUNCTION	3.96	27.94	3	01:01	0.407	0.83	0.028 %
J-653A	JUNCTION	0.00	27.44	3	00:36	0	0.378	0.000 %
J-654	JUNCTION	4.65	32.51	3	00:26	0.409	0.91	0.715 %
J-654A	JUNCTION	0.00	30.15	3	01:55	0	0.462	0.000 %
J-657	JUNCTION	2.32	8.70	2	11:25	0.185	1.34	6.436 %
J-659	JUNCTION	1.38	10.63	2	02:36	0.101	2.02	1.469 %
J-663	JUNCTION	8.44	11.11	2	12:15	0.855	2.94	3.336 %
J-665	JUNCTION	3.26	10.79	2	11:54	0.288	3.07	1.205 %
J-666	JUNCTION	0.00	13.27	1	14:25	0	3.71	7.394 %
J-67	JUNCTION	3.01	6.76	2	11:45	0.245	2.67	0.000 %
J-670	JUNCTION	0.00	12.58	2	11:06	0	1.48	13.797 %
J-672	JUNCTION	3.74	6.93	2	15:00	0.38	2.76	0.347 %
J-673	JUNCTION	0.00	71.62	2	11:55	0	2.64	-5.358 %
J-673A	JUNCTION	0.00	9.62	1	09:47	0	0.574	0.589 %
J-678	JUNCTION	5.38	10.90	2	11:13	0.521	1.88	12.878 %
J-67A	JUNCTION	0.00	6.62	2	11:33	0	1.91	3.605 %
J-682	JUNCTION	2.61	3.90	2	12:15	0.249	0.264	0.197 %
J-684	JUNCTION	1.96	3.45	2	17:57	0.178	0.442	-1.139 %
J-686	JUNCTION	0.00	3.05	2	14:32	0	0.432	0.519 %
J-687	JUNCTION	2.31	5.78	2	17:39	0.222	0.653	0.543 %
J-691	JUNCTION	0.00	8.01	2	17:50	0	0.666	-1.672 %
J-692	JUNCTION	0.00	8.07	2	14:12	0	0.676	0.207 %
J-692-WEIR	JUNCTION	0.00	6.43	2	14:12	0	0.0962	0.926 %
J-693	JUNCTION	0.00	8.08	0	00:00	0	0.0971	0.417 %
J-697	JUNCTION	0.00	2.87	2	11:47	0	0.244	5.555 %
J-7	JUNCTION	0.00	9.89	2	18:26	0	1.5	17.126 %
J-700	JUNCTION	3.58	3.58	2	12:15	0.36	0.582	1.543 %
J-701	JUNCTION	0.00	7.55	2	12:27	0	0.992	0.252 %
J-702	JUNCTION	0.00	10.22	2	13:22	0	0.989	0.133 %
J-705	JUNCTION	0.00	6.05	2	12:30	0	0.434	1.192 %
J-707	JUNCTION	0.00	4.32	2	12:18	0	0.436	0.496 %
J-710	JUNCTION	4.20	4.20	2	12:15	0.437	0.438	0.413 %
J-712	JUNCTION	3.01	4.73	2	13:16	0.344	0.495	-22.897 %
J-714	JUNCTION	3.48	6.33	2	14:22	0.401	1.28	-2.645 %
J-719	JUNCTION	2.19	6.56	2	12:01	0.248	1.66	-3.811 %
J-72	JUNCTION	0.00	10.79	3	01:52	0	2.34	2.136 %
J-721	JUNCTION	0.00	7.67	2	11:16	0	2.22	0.696 %
J-725	JUNCTION	0.00	14.31	3	00:44	0	1.6	-11.799 %
J-728	JUNCTION	2.78	13.00	3	01:28	0.318	2.32	-7.225 %
J-73	JUNCTION	0.00	6.09	3	00:58	0	0.968	12.173 %
J-734	JUNCTION	1.88	48.15	3	03:01	0.213	8.24	-4.138 %
J-734A	JUNCTION	0.00	25.36	2	01:32	0	2.39	0.099 %
J-734B	JUNCTION	0.00	25.36	2	01:32	0	2.24	-1.089 %
J-735	JUNCTION	0.00	33.24	3	00:44	0	4.49	-6.110 %
J-736	JUNCTION	0.00	26.78	1	04:59	0	2.96	-6.430 %
J-74	JUNCTION	3.43	7.21	3	01:27	0.31	1.11	6.952 %
J-740	JUNCTION	0.00	3.20	3	05:21	0	1.35	10.153 %
J-741	JUNCTION	0.00	6.94	3	05:38	0	1.58	14.403 %
J-744	JUNCTION	0.00	8.28	3	04:23	0	1.93	12.667 %
J-745	JUNCTION	0.00	16.79	2	11:41	0	3.22	0.517 %
J-745A	JUNCTION	0.00	13.38	2	09:57	0	1.56	-0.301 %
J-748	JUNCTION	0.00	53.37	2	09:13	0	4.98	6.588 %
J-748-WEIR-STANTEC	JUNCTION	0.00	48.07	2	10:53	0	1.86	-18.466 %
J-748A	JUNCTION	0.00	13.44	2	11:21	0	2.1	-0.895 %
J-749	JUNCTION	0.00	8.12	2	11:39	0	2.41	5.652 %
J-750	JUNCTION	1.74	29.09	3	03:28	0.16	4.82	0.779 %
J-750A	JUNCTION	0.00	20.46	3	03:28	0	1.19	0.242 %
J-751	JUNCTION	0.00	12.25	3	05:35	0	1.87	2.233 %
J-752	JUNCTION	0.00	76.16	2	08:59	0	3.36	16.932 %
J-753	JUNCTION	0.00	7.66	2	11:01	0	1.41	-0.528 %
J-754	JUNCTION	2.32	21.17	2	11:49	0.223	1.6	-0.749 %
J-754-WEIR-STANTEC	JUNCTION	0.00	93.98	2	11:54	0	2.51	-24.844 %
J-754A	JUNCTION	0.00	21.66	3	04:40	0	1.22	-1.824 %
J-755	JUNCTION	0.00	9.15	2	18:41	0	0.741	7.218 %
J-757	JUNCTION	3.82	35.19	2	18:29	0.342	1.66	1.025 %
J-760	JUNCTION	0.00	14.42	3	04:48	0	0.825	3.654 %
J-761	JUNCTION	0.00	12.03	2	11:49	0	2.35	13.051 %

J-763	JUNCTION	4.64	21.30	2	16:09	0.478	6.22	7.758 %
J-764	JUNCTION	0.00	12.88	2	23:52	0	2.25	11.142 %
J-766	JUNCTION	1.82	18.56	3	01:04	0.206	0.82	-3.252 %
J-766A	JUNCTION	0.00	16.98	2	12:54	0	0.347	-6.808 %
J-768	JUNCTION	0.00	5.40	3	01:05	0	0.926	-4.098 %
J-769	JUNCTION	0.00	5.23	3	00:54	0	1.05	-0.092 %
J-77	JUNCTION	2.68	28.14	3	02:04	0.28	3.29	0.378 %
J-771	JUNCTION	0.00	8.07	3	04:16	0	1.13	-2.091 %
J-772	JUNCTION	0.00	7.79	2	03:24	0	1.32	-5.790 %
J-774	JUNCTION	0.00	6.23	3	04:19	0	0.974	-1.376 %
J-776	JUNCTION	1.69	6.58	3	05:52	0.191	1.04	-1.874 %
J-778	JUNCTION	0.00	5.03	3	04:30	0	0.855	-5.508 %
J-77A	JUNCTION	0.00	24.96	2	14:08	0	2.67	-0.228 %
J-77B	JUNCTION	0.00	19.83	3	03:16	0	0.62	0.000 %
J-780	JUNCTION	0.00	5.05	3	04:30	0	1.05	-6.417 %
J-782	JUNCTION	0.00	2.70	2	12:24	0	0.645	-1.155 %
J-784	JUNCTION	2.98	2.98	2	12:14	0.336	0.757	-5.600 %
J-786	JUNCTION	0.00	2.68	2	12:29	0	0.57	-2.302 %
J-788	JUNCTION	0.00	3.08	2	12:32	0	0.558	-8.163 %
J-790	JUNCTION	0.00	4.99	3	04:25	0	0.589	-6.922 %
J-792	JUNCTION	0.00	13.33	2	12:05	0	0.668	-21.185 %
J-793	JUNCTION	0.99	6.75	3	04:24	0.112	0.27	-8.209 %
J-795	JUNCTION	0.00	3.67	3	04:25	0	0.585	-5.469 %
J-799	JUNCTION	0.00	8.85	2	11:31	0	0.715	0.483 %
J-799-WEIR-EAC	JUNCTION	0.00	19.78	1	14:30	0	0.557	0.000 %
J-80	JUNCTION	5.13	5.96	3	00:54	0.451	1.16	8.740 %
J-800	JUNCTION	0.00	13.00	2	18:03	0	1.61	-0.168 %
J-802	JUNCTION	0.00	8.88	2	17:46	0	1.01	3.606 %
J-806	JUNCTION	0.00	7.51	2	15:12	0	1.37	0.619 %
J-809	JUNCTION	0.70	21.25	2	16:13	0.063	2.24	-0.597 %
J-810	JUNCTION	0.00	10.66	2	16:59	0	0.858	1.776 %
J-813	JUNCTION	0.00	6.33	2	16:50	0	0.792	1.550 %
J-816	JUNCTION	3.90	4.75	2	12:15	0.4	0.807	0.613 %
J-819	JUNCTION	0.00	5.07	3	04:21	0	0.423	2.391 %
J-82	JUNCTION	0.00	9.39	3	03:06	0	0.928	27.222 %
J-822	JUNCTION	3.46	3.46	2	12:15	0.349	0.377	-2.140 %
J-826	JUNCTION	3.20	4.44	2	12:05	0.32	0.376	-2.962 %
J-829	JUNCTION	0.00	7.33	3	04:39	0	0.471	1.822 %
J-83	JUNCTION	3.01	33.92	2	14:10	0.298	4.18	0.000 %
J-831	JUNCTION	2.74	6.36	2	18:09	0.262	0.733	0.492 %
J-836	JUNCTION	2.82	7.41	2	17:59	0.272	0.967	0.388 %
J-838	JUNCTION	3.38	3.38	2	12:15	0.339	0.352	-3.115 %
J-83A	JUNCTION	0.00	40.54	3	02:01	0	2.96	3.361 %
J-84	JUNCTION	0.00	9.77	2	10:17	0	3.33	1.175 %
J-841	JUNCTION	0.00	5.33	2	18:02	0	0.389	3.431 %
J-844	JUNCTION	4.39	7.21	2	12:15	0.461	0.833	-0.986 %
J-848	JUNCTION	0.00	8.20	2	13:34	0	0.827	1.004 %
J-850	JUNCTION	0.00	13.21	2	12:33	0	0.862	9.644 %
J-851	JUNCTION	0.84	20.80	2	13:15	0.0716	3	-1.670 %
J-856	JUNCTION	0.00	13.35	2	12:15	0	3.53	0.028 %
J-860	JUNCTION	0.66	5.73	2	12:15	0.052	0.535	0.109 %
J-863	JUNCTION	0.00	5.09	2	12:15	0	0.483	0.164 %
J-865	JUNCTION	2.29	5.09	2	12:15	0.213	0.484	0.177 %
J-868	JUNCTION	0.00	2.80	2	12:15	0	0.272	0.248 %
J-87	JUNCTION	0.00	4.76	2	11:02	0	1.01	4.802 %
J-870	JUNCTION	2.80	2.80	2	12:15	0.272	0.272	0.112 %
J-879	JUNCTION	5.04	10.98	2	12:14	0.569	4.34	1.707 %
J-88	JUNCTION	0.00	5.74	2	11:53	0	1.03	3.666 %
J-880	JUNCTION	2.32	18.30	3	03:01	0.263	4.29	0.331 %
J-881	JUNCTION	0.00	13.55	2	14:33	0	4.33	4.681 %
J-882	JUNCTION	3.52	12.02	2	13:53	0.398	4.14	0.121 %
J-883	JUNCTION	0.00	18.07	2	13:51	0	4	4.788 %
J-884	JUNCTION	0.00	58.87	2	16:55	0	3.19	-23.507 %
J-888	JUNCTION	0.00	5.39	3	04:56	0	0.592	3.190 %
J-889	JUNCTION	0.00	4.76	2	11:07	0	0.543	4.589 %
J-891	JUNCTION	1.97	6.78	3	04:34	0.181	1.01	3.902 %
J-892	JUNCTION	0.00	6.36	2	12:02	0	0.826	2.651 %
J-894	JUNCTION	1.33	5.10	3	05:03	0.126	0.896	4.676 %
J-896	JUNCTION	0.00	5.11	3	04:58	0	0.881	4.910 %
J-899	JUNCTION	4.00	20.28	3	04:37	0.413	0.826	1.099 %
J-899A	JUNCTION	0.00	19.16	3	04:37	0	0.518	-0.837 %
J-902	JUNCTION	0.00	67.05	3	01:33	0	4.04	-1.402 %
J-903	JUNCTION	1.83	36.28	3	01:47	0.179	7.85	4.669 %
J-903A	JUNCTION	0.00	14.28	3	03:12	0	0.945	1.235 %
J-910	JUNCTION	3.46	3.46	2	12:15	0.347	0.347	0.151 %
J-912	JUNCTION	6.19	6.19	2	12:15	0.699	0.699	0.126 %
J-917	JUNCTION	0.00	7.72	2	09:54	0	0.337	-7.474 %
J-918	JUNCTION	5.95	15.16	2	13:16	0.499	0.863	7.954 %
J-920	JUNCTION	0.00	15.81	2	08:35	0	12.5	0.133 %
J-934	JUNCTION	1.71	19.64	2	11:40	0.167	1.29	0.495 %

J-934A	JUNCTION	0.00	18.28	3	04:31	0	1.2	0.862	%
J-951	JUNCTION	2.23	9.81	2	19:07	0.255	1.04	-11.859	%
J-953	JUNCTION	0.00	11.21	2	10:48	0	2.85	-14.896	%
J-954	JUNCTION	0.00	25.27	2	09:26	0	4.67	-8.017	%
J-958	JUNCTION	0.72	50.61	2	06:49	0.136	3.75	0.105	%
J-96	JUNCTION	0.00	7.62	2	11:35	0	1.16	0.407	%
J-963	JUNCTION	0.00	14.38	3	02:05	0	2.28	0.822	%
J-99	JUNCTION	5.27	5.27	2	12:15	0.498	1.05	3.877	%
JCT-24	JUNCTION	0.00	51.77	2	13:11	0	2.73	-1.133	%
JCT-26	JUNCTION	0.00	113.67	2	14:06	0	1.63	0.523	%
JCT-26-WEIR	JUNCTION	0.00	118.99	2	18:22	0	0.583	-57.542	%
JCT-28	JUNCTION	5.69	7.61	2	12:15	0.53	1.13	0.514	%
JCT-28-WEIR	JUNCTION	0.00	7.60	2	12:15	0	0.652	0.139	%
JCT-30	JUNCTION	4.63	63.71	2	11:47	0.492	2.58	0.716	%
JCT-32	JUNCTION	2.99	4.03	2	12:15	0.292	0.3	0.448	%
JCT-32-WEIR	JUNCTION	0.00	4.03	2	12:15	0	0.0653	2.523	%
JCT-36	JUNCTION	0.00	17.13	0	00:00	0	4.03	-0.081	%
JCT-46	JUNCTION	0.00	55.33	0	00:00	0	3.6	1.571	%
JCT-64	JUNCTION	0.00	10.10	3	03:57	0	2.14	0.000	%
J-171	OUTFALL	0.00	11.44	2	12:18	0	1.96	0.000	%
J-263	OUTFALL	0.00	7.37	2	16:03	0	1.62	0.000	%
J-279	OUTFALL	0.00	7.59	2	16:02	0	2.61	0.000	%
J-33A	OUTFALL	0.00	2.82	1	23:33	0	1.56	0.000	%
J-386	OUTFALL	0.00	1.70	1	05:59	0	0.752	0.000	%
J-442	OUTFALL	0.00	12.46	2	14:34	0	5.45	0.000	%
J-561A	OUTFALL	0.00	19.49	2	12:20	0	2.74	0.000	%
J-567A	OUTFALL	0.00	2.82	2	11:50	0	1	0.000	%
J-582	OUTFALL	0.00	5.07	2	14:20	0	0.966	0.000	%
J-605	OUTFALL	0.00	7.02	2	14:05	0	0.7	0.000	%
J-671	OUTFALL	0.00	6.93	2	15:00	0	2.64	0.000	%
J-694	OUTFALL	0.00	4.05	2	12:15	0	0.0637	0.000	%
J-703	OUTFALL	0.00	4.69	2	12:37	0	0.0792	0.000	%
J-909	OUTFALL	0.00	3.46	2	12:15	0	0.346	0.000	%
J-911	OUTFALL	0.00	6.19	2	12:15	0	0.698	0.000	%
J-913	OUTFALL	0.00	0.00	0	00:00	0	0	0.000	gal
J-919	OUTFALL	0.00	9.83	2	12:02	0	0.463	0.000	%
J-920A	OUTFALL	0.00	4.88	2	08:35	0	0.0317	0.000	%
J-963A	OUTFALL	0.00	8.08	0	00:00	0	0.0984	0.000	%
J575A	OUTFALL	0.00	48.43	0	00:00	0	0.657	0.000	%
OFALL-10	OUTFALL	0.00	4.62	2	10:01	0	2.4	0.000	%
OFALL-12	OUTFALL	0.00	2.84	2	07:47	0	1.28	0.000	%
OFALL-14	OUTFALL	0.00	1.41	1	04:57	0	0.635	0.000	%
OFALL-16	OUTFALL	0.00	3.85	2	05:01	0	1.64	0.000	%
OFALL-18	OUTFALL	0.00	2.06	2	03:09	0	0.838	0.000	%
OFALL-20	OUTFALL	0.00	1.44	0	22:31	0	0.733	0.000	%
OFALL-22	OUTFALL	0.00	1.95	2	11:55	0	0.514	0.000	%
OFALL-24	OUTFALL	0.00	0.00	0	00:00	0	0	0.000	gal
OFALL-26	OUTFALL	0.00	2.27	0	20:22	0	1.54	0.000	%
OFALL-28	OUTFALL	0.00	3.79	1	10:52	0	1.56	0.000	%
OFALL-30	OUTFALL	0.00	1.90	2	07:10	0	1.19	0.000	%
OFALL-32	OUTFALL	0.00	2.27	1	09:08	0	1.14	0.000	%
OFALL-34	OUTFALL	0.00	0.63	2	06:08	0	0.294	0.000	%
OFALL-36	OUTFALL	0.00	1.21	1	02:00	0	0.653	0.000	%
OFALL-38	OUTFALL	0.00	1.28	2	11:52	0	0.561	0.000	%
OFALL-40	OUTFALL	0.00	1.28	2	11:16	0	0.492	0.000	%
OFALL-42	OUTFALL	0.00	1.28	2	11:49	0	0.58	0.000	%
OFALL-44	OUTFALL	0.00	3.30	2	11:31	0	0.909	0.000	%
OFALL-46	OUTFALL	0.00	1.90	1	22:53	0	0.486	0.000	%
OFALL-48	OUTFALL	0.00	2.84	2	09:10	0	0.689	0.000	%
OFALL-50	OUTFALL	0.00	1.28	0	21:50	0	0.561	0.000	%
OFALL-52	OUTFALL	0.00	1.28	0	21:55	0	1.73	0.000	%
OFALL-54	OUTFALL	0.00	2.84	1	13:29	0	1.13	0.000	%
OFALL-66	OUTFALL	0.00	3.79	2	09:04	0	2.14	0.000	%
WELL-2E	OUTFALL	0.00	55.33	0	00:00	0	3.61	0.000	%
WELL-3	OUTFALL	0.00	4.87	0	00:00	0	1.03	0.000	%
WELL-4	OUTFALL	0.00	12.40	0	00:00	0	3.01	0.000	%
WELL-W-ENID-DR	OUTFALL	0.00	3.79	1	08:21	0	2.79	0.000	%
J-856-STORAGE-NEW	STORAGE	0.00	13.35	2	12:15	0	3.53	0.000	%

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
J-102	JUNCTION	18.09	4.618	0.000
J-104	JUNCTION	49.73	5.581	0.000
J-106	JUNCTION	49.14	5.570	0.000
J-109	JUNCTION	54.77	5.473	0.000
J-11	JUNCTION	53.63	5.629	0.000
J-110	JUNCTION	22.76	5.032	0.000
J-113	JUNCTION	55.31	5.466	0.000
J-114	JUNCTION	28.41	5.258	0.000
J-118	JUNCTION	18.04	4.611	0.000
J-12	JUNCTION	22.42	4.641	0.000
J-121	JUNCTION	48.49	5.701	0.000
J-126	JUNCTION	15.32	1.991	0.000
J-127	JUNCTION	15.25	2.368	0.000
J-128	JUNCTION	14.37	2.093	0.000
J-129	JUNCTION	17.75	4.504	0.000
J-130	JUNCTION	41.94	5.090	0.000
J-131	JUNCTION	41.32	5.721	0.000
J-132	JUNCTION	39.57	5.114	0.000
J-137	JUNCTION	50.02	5.271	0.000
J-139	JUNCTION	53.34	5.364	0.000
J-140	JUNCTION	50.97	5.466	0.000
J-147	JUNCTION	48.56	5.752	0.000
J-148	JUNCTION	48.28	5.833	0.000
J-149	JUNCTION	45.70	5.833	0.000
J-15	JUNCTION	17.30	3.121	0.000
J-152	JUNCTION	46.87	5.889	0.000
J-153	JUNCTION	46.49	5.920	0.000
J-155	JUNCTION	48.05	5.944	0.000
J-156	JUNCTION	47.63	6.013	0.000
J-158	JUNCTION	16.11	3.281	0.000
J-160	JUNCTION	20.81	5.681	0.000
J-161	JUNCTION	42.63	5.228	0.000
J-162	JUNCTION	44.19	5.979	0.000
J-163	JUNCTION	45.21	4.718	0.000
J-164	JUNCTION	44.35	5.176	0.000
J-165	JUNCTION	45.27	5.269	0.000
J-166	JUNCTION	20.84	4.873	0.000
J-167	JUNCTION	19.03	4.420	0.000
J-168	JUNCTION	48.45	4.829	0.000
J-169	JUNCTION	46.88	4.973	0.000
J-170	JUNCTION	43.89	5.078	0.000
J-174	JUNCTION	52.76	6.082	0.000
J-175	JUNCTION	49.56	6.081	0.000
J-176	JUNCTION	19.57	5.684	0.000
J-179	JUNCTION	21.39	5.690	0.000
J-18	JUNCTION	15.82	2.621	0.000
J-180	JUNCTION	15.80	3.651	0.000
J-185	JUNCTION	15.76	3.751	0.000
J-188	JUNCTION	17.37	4.289	0.000
J-191	JUNCTION	17.26	3.672	0.000
J-195	JUNCTION	19.32	3.288	0.000
J-198	JUNCTION	47.45	6.057	0.000
J-199	JUNCTION	51.23	5.895	0.000
J-203	JUNCTION	51.94	5.839	0.000
J-204	JUNCTION	50.04	5.850	0.000
J-206	JUNCTION	54.83	5.669	0.000
J-208	JUNCTION	51.29	5.325	0.000
J-209	JUNCTION	47.42	5.324	0.000
J-212	JUNCTION	53.87	5.595	0.000
J-213	JUNCTION	21.75	3.772	0.000
J-217	JUNCTION	46.94	5.495	0.000
J-218	JUNCTION	53.34	5.491	0.000
J-222	JUNCTION	38.51	4.280	0.000
J-223	JUNCTION	22.88	3.677	0.000
J-225	JUNCTION	54.67	5.455	0.000
J-226	JUNCTION	52.97	5.454	0.000
J-232	JUNCTION	56.51	5.437	0.000
J-233	JUNCTION	56.85	5.019	0.000
J-235	JUNCTION	58.18	5.018	0.000
J-238	JUNCTION	48.53	4.634	0.000

J-24	JUNCTION	51.08	5.425	0.000
J-242	JUNCTION	37.83	4.608	0.000
J-244	JUNCTION	43.35	5.446	0.000
J-247	JUNCTION	52.47	5.442	0.000
J-248	JUNCTION	40.60	4.587	0.000
J-249	JUNCTION	43.43	4.587	0.000
J-25	JUNCTION	15.88	2.626	0.000
J-253	JUNCTION	51.26	4.968	0.000
J-254	JUNCTION	53.81	4.928	0.000
J-256	JUNCTION	52.48	4.898	0.000
J-259	JUNCTION	56.15	4.762	0.000
J-260	JUNCTION	7.66	1.766	0.000
J-261	JUNCTION	6.84	0.291	0.000
J-261-WEIR	JUNCTION	6.32	0.548	0.000
J-262	JUNCTION	10.34	2.265	0.000
J-266	JUNCTION	41.13	5.166	0.000
J-267	JUNCTION	44.28	5.191	0.000
J-269	JUNCTION	61.26	5.901	0.000
J-27	JUNCTION	16.17	2.622	0.000
J-275	JUNCTION	44.73	4.488	0.000
J-278	JUNCTION	49.64	3.401	0.000
J-280	JUNCTION	57.02	4.352	0.000
J-281	JUNCTION	53.43	4.404	0.000
J-282	JUNCTION	55.33	4.762	0.000
J-283	JUNCTION	58.92	5.136	0.000
J-285	JUNCTION	47.17	4.492	0.000
J-286	JUNCTION	33.41	4.497	0.000
J-288	JUNCTION	16.47	2.505	0.000
J-290	JUNCTION	16.04	2.730	0.000
J-293	JUNCTION	52.45	5.433	0.000
J-295	JUNCTION	48.04	5.423	0.000
J-296	JUNCTION	49.84	5.409	0.000
J-297	JUNCTION	38.73	4.918	0.000
J-30	JUNCTION	48.28	5.399	0.000
J-300	JUNCTION	39.85	4.916	0.000
J-301	JUNCTION	43.19	4.911	0.000
J-304	JUNCTION	25.95	4.916	0.000
J-305	JUNCTION	26.52	4.917	0.000
J-31	JUNCTION	16.70	2.598	0.000
J-310	JUNCTION	26.18	4.908	0.000
J-312	JUNCTION	26.92	4.898	0.000
J-314	JUNCTION	12.13	2.565	0.000
J-317	JUNCTION	29.84	5.386	0.000
J-321	JUNCTION	12.33	2.622	0.000
J-323	JUNCTION	29.46	5.392	0.000
J-324	JUNCTION	12.51	2.604	0.000
J-327	JUNCTION	50.32	5.426	0.000
J-328	JUNCTION	16.04	2.627	0.000
J-33	JUNCTION	52.39	5.378	0.000
J-333	JUNCTION	40.10	5.678	0.000
J-334	JUNCTION	42.70	5.772	0.000
J-335	JUNCTION	43.07	5.644	0.000
J-341	JUNCTION	17.10	3.542	0.000
J-342	JUNCTION	36.27	5.800	0.000
J-343	JUNCTION	52.16	6.247	0.000
J-348	JUNCTION	41.37	5.548	0.000
J-351	JUNCTION	16.26	3.510	0.000
J-354	JUNCTION	43.15	2.750	0.000
J-354A	JUNCTION	43.11	3.089	0.000
J-355	JUNCTION	43.13	2.811	0.000
J-36	JUNCTION	51.46	5.283	0.000
J-362	JUNCTION	22.46	5.871	0.000
J-363	JUNCTION	20.83	5.906	0.000
J-364	JUNCTION	16.17	5.506	0.000
J-367	JUNCTION	49.00	5.921	0.000
J-368	JUNCTION	28.47	5.532	0.000
J-369	JUNCTION	30.24	5.530	0.000
J-374	JUNCTION	16.11	5.506	0.000
J-375	JUNCTION	20.66	5.117	0.000
J-380	JUNCTION	15.39	3.107	0.000
J-381	JUNCTION	15.93	5.510	0.000
J-384	JUNCTION	21.19	5.116	0.000
J-385	JUNCTION	21.48	5.573	0.000
J-388	JUNCTION	55.03	6.112	0.000
J-389	JUNCTION	32.44	5.612	0.000
J-393	JUNCTION	43.97	6.017	0.000
J-396	JUNCTION	41.67	6.471	0.000
J-399	JUNCTION	39.13	6.214	0.000
J-40	JUNCTION	18.12	2.615	0.000
J-402	JUNCTION	15.84	3.566	0.000

J-405	JUNCTION	41.20	5.652	0.000
J-407	JUNCTION	41.06	5.616	0.000
J-409	JUNCTION	43.51	5.578	0.000
J-410	JUNCTION	54.74	6.069	0.000
J-412	JUNCTION	44.44	5.557	0.000
J-414	JUNCTION	50.48	5.679	0.000
J-415	JUNCTION	15.81	3.194	0.000
J-416	JUNCTION	50.91	5.675	0.000
J-417	JUNCTION	17.11	4.777	0.000
J-42	JUNCTION	18.27	2.507	0.000
J-421	JUNCTION	16.87	4.697	0.000
J-422	JUNCTION	15.86	3.098	0.000
J-423	JUNCTION	15.55	2.902	0.000
J-424	JUNCTION	44.35	5.519	0.000
J-427	JUNCTION	48.16	5.599	0.000
J-430	JUNCTION	15.75	2.984	0.000
J-431	JUNCTION	19.13	2.992	0.000
J-432	JUNCTION	56.68	5.728	0.000
J-433	JUNCTION	46.49	5.336	0.000
J-434	JUNCTION	44.93	5.361	0.000
J-435	JUNCTION	43.56	5.360	0.000
J-436	JUNCTION	41.28	5.333	0.000
J-437	JUNCTION	40.73	5.330	0.000
J-438	JUNCTION	43.12	5.651	0.000
J-439	JUNCTION	49.37	5.531	0.000
J-440	JUNCTION	12.15	1.030	0.000
J-441	JUNCTION	12.15	1.919	0.000
J-445	JUNCTION	19.98	4.303	0.000
J-448	JUNCTION	24.29	2.865	0.000
J-450	JUNCTION	57.47	5.789	0.000
J-454	JUNCTION	24.38	2.866	0.000
J-455	JUNCTION	20.35	1.845	0.000
J-459	JUNCTION	25.14	3.155	0.000
J-460-NEW	JUNCTION	21.35	2.488	0.000
J-463	JUNCTION	20.78	2.166	0.000
J-466	JUNCTION	23.34	4.703	0.000
J-468	JUNCTION	19.44	2.504	0.000
J-47	JUNCTION	42.37	4.422	0.000
J-470	JUNCTION	3.18	1.532	0.000
J-471	JUNCTION	19.63	3.887	0.000
J-478	JUNCTION	5.04	2.547	0.000
J-479	JUNCTION	7.81	2.586	0.000
J-480	JUNCTION	5.61	2.973	0.000
J-481	JUNCTION	9.99	3.465	0.000
J-482	JUNCTION	6.63	3.233	0.000
J-484	JUNCTION	22.46	3.867	0.000
J-485	JUNCTION	53.15	4.834	0.000
J-486	JUNCTION	34.67	4.323	0.000
J-487	JUNCTION	23.93	3.795	0.000
J-489	JUNCTION	17.87	3.211	0.000
J-491	JUNCTION	31.12	3.467	0.000
J-492	JUNCTION	43.93	4.393	0.000
J-493	JUNCTION	51.13	4.516	0.000
J-495	JUNCTION	47.59	4.921	0.000
J-497	JUNCTION	41.27	4.473	0.000
J-498	JUNCTION	13.71	2.481	0.000
J-499	JUNCTION	20.82	4.199	0.000
J-5	JUNCTION	19.42	3.959	0.000
J-50	JUNCTION	37.85	5.168	0.000
J-500	JUNCTION	20.76	4.047	0.000
J-505	JUNCTION	20.53	4.043	0.000
J-508	JUNCTION	20.58	4.165	0.000
J-51	JUNCTION	26.46	3.712	0.000
J-512	JUNCTION	20.00	3.997	0.000
J-518	JUNCTION	19.24	3.969	0.000
J-53	JUNCTION	59.68	6.737	0.000
J-534	JUNCTION	60.43	6.172	0.000
J-537	JUNCTION	26.70	2.798	0.000
J-539	JUNCTION	27.21	2.873	0.000
J-539-WEIR	JUNCTION	19.78	1.815	0.000
J-539A	JUNCTION	19.49	5.109	1.951
J-54	JUNCTION	20.75	3.817	0.000
J-541	JUNCTION	21.19	2.957	0.000
J-544	JUNCTION	39.51	4.198	0.000
J-548	JUNCTION	2.29	1.346	0.000
J-550	JUNCTION	7.21	2.525	0.000
J-553	JUNCTION	47.07	4.728	0.000
J-554	JUNCTION	20.13	4.484	0.000
J-555	JUNCTION	19.74	4.492	0.000
J-557	JUNCTION	0.00	0.000	3.370

J-559	JUNCTION	17.14	3.444	0.000
J-560	JUNCTION	17.86	3.356	0.000
J-561	JUNCTION	51.54	5.600	0.000
J-563	JUNCTION	13.91	2.488	0.000
J-565	JUNCTION	52.59	5.588	0.000
J-566	JUNCTION	4.83	0.984	0.000
J-566-WEIR	JUNCTION	0.68	5.610	0.000
J-567	JUNCTION	12.62	6.075	0.000
J-568	JUNCTION	12.82	5.902	0.000
J-569	JUNCTION	12.87	5.924	0.000
J-570	JUNCTION	12.53	2.574	0.000
J-571	JUNCTION	12.90	2.032	0.000
J-575	JUNCTION	77.99	5.614	0.000
J-576	JUNCTION	56.15	5.502	0.000
J-577	JUNCTION	2.49	0.454	1.946
J-578	JUNCTION	38.72	5.502	0.000
J-58	JUNCTION	20.74	3.816	0.000
J-581	JUNCTION	50.93	6.903	0.000
J-585	JUNCTION	12.67	3.217	0.000
J-588	JUNCTION	38.06	6.142	0.000
J-59	JUNCTION	20.74	3.803	0.000
J-591	JUNCTION	29.07	4.902	0.000
J-596	JUNCTION	49.28	6.768	0.000
J-598	JUNCTION	4.32	2.447	0.000
J-6	JUNCTION	49.48	5.477	0.000
J-60	JUNCTION	58.98	6.565	0.000
J-601	JUNCTION	27.31	4.605	0.000
J-602	JUNCTION	26.63	4.460	0.000
J-603	JUNCTION	3.24	2.801	0.000
J-604	JUNCTION	10.70	2.501	0.000
J-606	JUNCTION	50.67	4.712	0.000
J-607	JUNCTION	52.58	4.909	0.000
J-609	JUNCTION	27.99	4.603	0.000
J-61	JUNCTION	20.63	3.817	0.000
J-611	JUNCTION	6.13	2.543	0.000
J-613	JUNCTION	45.51	5.107	0.000
J-615	JUNCTION	44.37	5.103	0.000
J-618	JUNCTION	42.19	5.345	0.000
J-61A	JUNCTION	17.26	7.350	2.210
J-623	JUNCTION	42.48	4.958	0.000
J-624	JUNCTION	17.89	2.556	0.000
J-626	JUNCTION	37.43	4.955	0.000
J-629	JUNCTION	47.41	5.369	0.000
J-63	JUNCTION	44.73	5.900	0.000
J-632	JUNCTION	39.45	5.400	0.000
J-633	JUNCTION	40.05	4.960	0.000
J-637	JUNCTION	35.30	4.961	0.000
J-64	JUNCTION	44.42	5.898	0.000
J-640	JUNCTION	35.71	5.359	0.000
J-647	JUNCTION	17.18	2.576	0.000
J-647B	JUNCTION	16.55	7.900	1.660
J-650	JUNCTION	22.18	4.559	0.000
J-653	JUNCTION	16.51	2.626	0.000
J-654	JUNCTION	16.48	2.619	0.000
J-657	JUNCTION	21.94	4.579	0.000
J-659	JUNCTION	21.96	4.562	0.000
J-663	JUNCTION	38.23	5.545	0.000
J-665	JUNCTION	38.12	5.515	0.000
J-666	JUNCTION	46.95	5.450	0.000
J-67	JUNCTION	49.60	5.802	0.000
J-670	JUNCTION	44.24	5.450	0.000
J-672	JUNCTION	54.48	6.360	0.000
J-673	JUNCTION	15.82	2.375	0.000
J-678	JUNCTION	43.37	5.455	0.000
J-67A	JUNCTION	45.53	5.801	0.000
J-682	JUNCTION	6.97	4.986	0.000
J-684	JUNCTION	6.97	5.072	0.000
J-686	JUNCTION	6.95	5.009	0.000
J-687	JUNCTION	6.87	4.407	0.000
J-691	JUNCTION	6.88	4.258	0.000
J-693	JUNCTION	77.99	5.360	0.000
J-697	JUNCTION	21.18	6.361	0.000
J-7	JUNCTION	51.09	5.482	0.000
J-700	JUNCTION	20.97	5.650	0.000
J-701	JUNCTION	21.21	5.600	0.000
J-702	JUNCTION	21.17	4.633	0.977
J-705	JUNCTION	20.90	5.850	0.000
J-707	JUNCTION	20.78	5.551	0.000
J-710	JUNCTION	20.59	5.650	0.000
J-712	JUNCTION	2.89	3.328	0.000

J-714	JUNCTION	2.88	3.315	0.000
J-719	JUNCTION	4.18	3.659	0.000
J-72	JUNCTION	50.03	5.893	0.000
J-721	JUNCTION	3.33	3.671	0.000
J-725	JUNCTION	2.08	3.395	0.000
J-728	JUNCTION	2.24	3.417	0.000
J-73	JUNCTION	48.87	5.903	0.000
J-734	JUNCTION	3.59	3.278	0.000
J-735	JUNCTION	5.66	3.812	0.000
J-736	JUNCTION	48.78	7.545	0.000
J-74	JUNCTION	46.00	5.909	0.000
J-740	JUNCTION	53.94	6.566	0.000
J-741	JUNCTION	48.42	5.425	0.000
J-744	JUNCTION	52.35	5.425	0.000
J-745	JUNCTION	19.53	3.626	0.000
J-748	JUNCTION	18.51	2.555	0.000
J-748-WEIR-STANTEC	JUNCTION	18.36	2.553	0.000
J-749	JUNCTION	52.92	5.155	0.000
J-750	JUNCTION	20.35	3.378	0.000
J-751	JUNCTION	53.93	5.177	0.000
J-752	JUNCTION	18.55	2.053	0.000
J-753	JUNCTION	59.36	6.261	0.000
J-754	JUNCTION	18.42	2.363	0.000
J-754-WEIR-STANTEC	JUNCTION	18.60	2.052	0.000
J-755	JUNCTION	22.79	4.515	0.000
J-757	JUNCTION	10.13	2.511	0.000
J-760	JUNCTION	22.75	4.507	0.000
J-761	JUNCTION	55.10	5.569	0.000
J-763	JUNCTION	46.92	4.864	0.000
J-764	JUNCTION	58.04	6.471	0.000
J-766	JUNCTION	2.34	3.213	0.000
J-768	JUNCTION	2.41	3.850	0.000
J-769	JUNCTION	5.33	3.910	0.000
J-77	JUNCTION	16.25	3.170	0.000
J-771	JUNCTION	4.51	3.859	0.000
J-772	JUNCTION	8.02	3.906	0.000
J-774	JUNCTION	7.66	3.855	0.000
J-776	JUNCTION	5.68	3.852	0.000
J-778	JUNCTION	4.98	3.853	0.000
J-77A	JUNCTION	15.46	9.560	0.000
J-780	JUNCTION	5.33	3.861	0.000
J-782	JUNCTION	2.29	3.852	0.000
J-784	JUNCTION	2.09	3.890	0.000
J-786	JUNCTION	1.29	3.875	0.000
J-788	JUNCTION	1.34	3.873	0.000
J-790	JUNCTION	1.62	3.883	0.000
J-792	JUNCTION	2.87	3.869	0.000
J-793	JUNCTION	2.77	3.699	0.000
J-795	JUNCTION	1.69	3.891	0.000
J-799	JUNCTION	6.84	3.543	0.000
J-799-WEIR-EAC	JUNCTION	12.86	3.548	0.000
J-80	JUNCTION	48.48	5.956	0.000
J-800	JUNCTION	7.18	3.892	0.000
J-802	JUNCTION	14.16	4.694	0.000
J-806	JUNCTION	7.56	4.208	0.000
J-809	JUNCTION	7.53	4.234	0.000
J-810	JUNCTION	7.52	4.208	0.000
J-813	JUNCTION	12.10	4.643	0.000
J-816	JUNCTION	11.65	4.675	0.000
J-819	JUNCTION	11.12	4.685	0.000
J-82	JUNCTION	53.80	6.190	0.000
J-822	JUNCTION	17.45	5.108	0.000
J-826	JUNCTION	17.84	5.150	0.000
J-829	JUNCTION	11.66	4.740	0.000
J-83	JUNCTION	16.55	3.787	0.000
J-831	JUNCTION	11.92	4.735	0.000
J-836	JUNCTION	12.53	4.720	0.000
J-838	JUNCTION	16.25	4.751	0.000
J-83A	JUNCTION	16.60	10.060	0.000
J-84	JUNCTION	51.75	6.090	0.000
J-841	JUNCTION	6.92	4.160	0.000
J-844	JUNCTION	7.13	4.072	0.000
J-848	JUNCTION	7.30	4.443	0.000
J-850	JUNCTION	6.53	4.204	0.000
J-851	JUNCTION	6.68	3.897	0.000
J-865	JUNCTION	0.11	0.097	4.443
J-868	JUNCTION	0.18	0.171	4.269
J-87	JUNCTION	53.00	5.594	0.000
J-870	JUNCTION	1.25	0.862	4.128
J-879	JUNCTION	32.28	4.060	0.000

J-88	JUNCTION	53.20	5.550	0.000
J-880	JUNCTION	48.50	3.141	0.000
J-881	JUNCTION	47.38	5.832	0.000
J-882	JUNCTION	52.79	3.600	0.000
J-883	JUNCTION	57.67	3.899	0.000
J-884	JUNCTION	11.38	0.827	0.000
J-888	JUNCTION	47.82	4.902	0.000
J-889	JUNCTION	47.04	4.897	0.000
J-891	JUNCTION	47.95	4.861	0.000
J-892	JUNCTION	47.44	4.848	0.000
J-894	JUNCTION	47.39	4.827	0.000
J-896	JUNCTION	47.11	4.802	0.000
J-899	JUNCTION	18.35	2.554	0.000
J-902	JUNCTION	0.00	0.045	0.000
J-903	JUNCTION	52.94	4.409	0.000
J-910	JUNCTION	64.73	3.288	3.272
J-912	JUNCTION	63.98	3.687	2.673
J-917	JUNCTION	50.76	7.100	0.000
J-918	JUNCTION	51.63	4.140	0.000
J-920	JUNCTION	51.45	5.600	0.000
J-934	JUNCTION	18.30	2.386	0.000
J-951	JUNCTION	6.07	5.584	0.000
J-953	JUNCTION	6.12	5.028	0.000
J-954	JUNCTION	9.71	3.635	0.000
J-958	JUNCTION	23.85	4.114	0.000
J-96	JUNCTION	17.61	4.632	0.000
J-963	JUNCTION	22.40	4.504	0.000
J-99	JUNCTION	54.38	5.431	0.000
JCT-24	JUNCTION	12.76	0.724	0.000
JCT-26	JUNCTION	7.18	0.869	0.000
JCT-26-WEIR	JUNCTION	5.76	0.693	0.000
JCT-30	JUNCTION	15.85	2.381	0.000
JCT-46	JUNCTION	76.95	4.720	0.000
JCT-64	JUNCTION	43.35	4.630	0.000

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate CFS	Time of Max Occurrence days hr:min	Total Flood Volume 10^6 gal	Maximum Ponded Depth Feet
J-102	13.56	5.91	2 11:44	0.041	1.058
J-104	15.08	6.56	2 11:49	0.100	0.881
J-106	14.87	8.08	2 11:49	0.072	1.320
J-109	14.14	7.89	3 02:38	0.098	0.874
J-11	7.57	13.45	2 16:21	0.282	0.069
J-110	14.16	8.89	2 12:05	0.131	0.799
J-113	13.45	14.03	2 13:50	0.416	0.632
J-114	6.20	20.94	2 13:49	0.300	0.098
J-118	6.73	17.40	2 18:12	0.279	0.051
J-12	6.90	17.05	2 15:49	0.282	0.081
J-121	0.48	4.52	3 02:18	0.009	0.001
J-126	15.15	9.29	2 12:15	0.337	1.441
J-127	14.24	6.63	2 11:46	0.070	1.458
J-128	13.99	8.30	2 11:38	0.045	1.443
J-129	8.03	10.91	2 14:17	0.241	0.004
J-130	7.78	4.00	2 19:14	0.084	0.023
J-131	2.82	3.43	2 11:30	0.022	0.004
J-132	12.44	4.06	2 12:18	0.128	0.347
J-137	13.88	2.58	2 11:05	0.052	0.471
J-139	3.60	2.68	1 22:44	0.014	0.004
J-140	11.74	2.63	2 06:27	0.027	0.186
J-147	13.55	4.37	2 12:15	0.107	0.452
J-148	13.65	6.35	2 10:44	0.028	0.493
J-149	15.21	4.00	2 11:54	0.044	1.033
J-15	12.48	20.52	3 00:14	0.171	0.421
J-152	13.92	4.00	2 10:05	0.092	0.489
J-153	14.09	3.52	3 00:39	0.024	0.420
J-155	14.98	3.05	2 11:34	0.028	0.524
J-156	16.13	2.67	3 04:02	0.034	0.743
J-158	15.16	20.39	3 02:59	0.145	0.681
J-160	14.97	7.40	3 03:02	0.035	0.581
J-161	3.69	5.00	2 13:59	0.027	0.001
J-162	0.64	3.76	2 08:33	0.012	0.002

J-163	3.52	4.88	2	21:32	0.052	0.007
J-164	1.75	3.72	2	08:33	0.016	0.003
J-165	1.38	4.21	2	10:01	0.013	0.001
J-166	0.57	3.59	2	11:50	0.007	0.000
J-167	0.65	5.58	3	03:50	0.010	0.004
J-168	1.49	2.79	2	15:27	0.016	0.003
J-169	2.57	3.24	2	19:06	0.022	0.001
J-170	3.74	2.59	2	10:39	0.026	0.002
J-174	16.21	4.34	2	11:50	0.044	1.282
J-175	16.80	1.95	2	11:40	0.031	1.031
J-176	15.51	5.30	3	03:51	0.044	0.564
J-179	16.85	9.61	2	09:57	0.100	0.940
J-18	11.91	30.69	2	12:01	0.196	0.391
J-180	12.99	15.60	2	11:52	0.110	0.701
J-185	12.66	18.43	2	11:48	0.078	0.681
J-188	15.98	25.60	3	01:33	0.347	1.469
J-188A	10.56	27.36	3	01:33	0.209	0.300
J-191	16.08	15.87	2	11:34	0.075	0.722
J-195	17.36	18.46	2	11:23	0.315	1.528
J-198	25.44	5.04	2	12:15	0.192	1.557
J-199	22.64	4.01	2	09:48	0.091	1.345
J-203	20.82	5.32	2	10:17	0.225	1.339
J-204	21.97	4.91	3	05:50	0.093	1.400
J-206	21.87	3.87	2	11:17	0.099	1.119
J-208	20.51	5.68	3	02:46	0.118	1.075
J-209	22.59	4.18	3	05:43	0.124	0.974
J-212	19.94	3.82	3	03:49	0.090	0.745
J-213	16.37	15.02	3	03:09	0.106	1.022
J-217	26.76	7.07	1	21:44	0.384	1.725
J-218	27.54	11.10	3	05:01	0.279	1.301
J-222	21.17	23.91	2	03:57	0.401	1.950
J-223	16.22	30.98	1	18:32	0.294	0.877
J-225	18.60	3.70	3	03:50	0.065	0.605
J-226	18.57	3.34	2	10:14	0.071	0.604
J-232	17.81	3.20	2	10:37	0.066	0.537
J-233	13.23	6.93	2	22:24	0.107	0.419
J-235	13.11	5.58	2	22:56	0.059	0.458
J-238	14.85	13.66	2	23:04	0.122	0.534
J-24	13.46	4.75	3	00:41	0.027	0.625
J-242	19.06	7.57	2	08:25	0.132	0.708
J-244	22.35	4.52	1	09:52	0.121	0.746
J-247	19.86	4.72	1	17:27	0.125	0.782
J-248	16.36	11.69	2	06:14	0.146	0.787
J-249	14.90	11.68	1	20:45	0.225	0.737
J-25	12.93	22.55	3	00:40	0.157	0.586
J-253	20.17	3.87	2	12:10	0.176	0.318
J-254	18.94	5.32	2	03:53	0.161	0.228
J-256	14.45	3.90	2	08:16	0.141	0.098
J-259	14.58	4.18	3	03:50	0.136	0.162
J-260	0.27	6.58	2	16:01	0.013	0.006
J-261	4.62	50.12	2	13:53	0.187	0.291
J-261-WEIR	1.10	44.17	2	18:29	0.035	0.548
J-262	0.96	3.27	2	16:51	0.012	0.005
J-266	22.56	5.84	1	07:28	0.274	0.516
J-267	20.32	6.74	3	03:51	0.228	0.441
J-268-WEIR	2.99	13.32	2	12:28	0.017	0.318
J-269	11.82	6.61	2	11:09	0.067	0.601
J-27	13.18	20.31	3	00:58	0.064	0.672
J-275	12.72	33.71	2	06:01	0.243	0.388
J-278	0.27	3.43	3	05:00	0.004	0.001
J-280	5.29	2.99	2	06:47	0.055	0.002
J-281	11.64	3.80	0	23:15	0.108	0.004
J-282	8.29	3.51	1	23:51	0.062	0.062
J-283	11.03	4.82	2	01:04	0.075	0.436
J-285	17.65	28.32	2	07:10	0.481	0.592
J-286	15.62	24.43	2	08:24	0.252	0.647
J-288	10.81	35.19	2	22:09	0.274	0.845
J-290	7.75	24.85	2	20:38	0.058	0.330
J-293	11.86	6.48	1	22:56	0.082	0.233
J-295	9.58	6.08	2	18:16	0.081	0.123
J-296	13.84	4.81	2	09:38	0.104	0.409
J-297	14.73	17.16	2	05:07	0.158	0.668
J-30	14.31	2.72	3	01:13	0.029	0.649
J-300	13.64	19.04	1	10:45	0.160	0.666
J-301	15.23	15.24	3	05:59	0.187	0.661
J-304	12.02	8.02	2	09:05	0.052	0.666
J-305	11.55	17.02	2	09:07	0.074	0.617
J-31	13.61	19.51	3	01:21	0.089	0.748
J-310	10.30	7.58	2	09:10	0.045	0.458
J-312	9.78	5.51	3	04:43	0.021	0.438

J-314	9.41	21.37	2	20:25	0.093	0.515
J-317	11.88	3.72	2	21:32	0.065	0.486
J-321	9.76	23.08	2	21:36	0.023	0.472
J-323	12.31	3.38	2	11:19	0.039	0.642
J-324	9.98	16.70	2	11:50	0.025	0.504
J-327	13.54	4.71	2	11:54	0.028	0.676
J-328	12.94	17.51	3	01:22	0.038	0.727
J-33	2.41	5.23	2	14:15	0.038	0.018
J-333	19.09	2.64	2	11:18	0.060	1.078
J-334	17.53	3.28	2	10:31	0.064	1.082
J-335	17.68	3.21	2	08:04	0.041	0.724
J-341	15.94	18.48	2	11:32	0.147	0.492
J-342	15.88	11.01	2	12:05	0.240	1.000
J-343	15.90	4.97	3	05:14	0.030	0.797
J-348	17.26	2.95	2	11:59	0.043	0.798
J-351	15.14	9.14	2	11:48	0.038	0.390
J-354	14.97	22.37	2	17:48	0.586	0.630
J-354A	14.35	82.44	2	17:38	2.450	0.969
J-354B	4.15	76.15	2	19:21	1.163	0.749
J-355	15.14	17.85	3	02:58	0.205	0.641
J-359	15.01	4.41	3	03:01	0.062	0.723
J-36	13.81	5.16	2	14:16	0.144	0.563
J-362	12.97	3.53	3	03:26	0.037	0.171
J-363	13.10	3.94	3	03:34	0.096	0.206
J-364	12.60	4.15	3	03:26	0.049	0.156
J-367	15.24	4.97	1	03:57	0.041	0.721
J-368	14.97	5.49	3	01:07	0.138	0.732
J-369	14.07	6.03	2	11:34	0.049	0.380
J-374	12.95	4.51	3	03:50	0.039	0.206
J-375	14.20	22.46	2	11:39	0.087	0.367
J-380	10.36	34.75	2	22:25	0.123	0.207
J-381	12.78	6.58	3	03:18	0.044	0.210
J-384	13.70	23.43	2	11:42	0.147	0.316
J-385	1.07	11.57	2	11:28	0.017	0.013
J-388	13.28	7.09	3	00:03	0.137	0.312
J-389	12.68	7.50	2	20:16	0.101	0.212
J-393	15.39	5.04	3	03:52	0.089	0.217
J-396	17.32	3.76	3	01:39	0.098	0.221
J-399	4.89	3.90	2	21:39	0.041	0.014
J-40	13.08	68.83	3	02:35	0.297	0.395
J-402	11.53	16.09	2	22:29	0.087	0.926
J-405	13.04	3.91	2	11:32	0.042	0.502
J-407	13.73	4.22	3	01:16	0.048	0.646
J-409	12.98	4.85	3	01:39	0.094	0.648
J-410	11.18	10.35	2	21:02	0.101	0.319
J-412	11.74	6.67	2	22:20	0.085	0.397
J-414	14.12	7.19	3	00:17	0.120	1.139
J-415	11.10	35.01	2	22:48	0.116	0.634
J-416	11.61	11.14	2	21:36	0.072	0.425
J-417	9.52	14.56	3	03:52	0.150	0.107
J-42	18.12	21.74	3	05:10	0.169	1.833
J-421	14.38	12.23	3	03:52	0.176	0.497
J-422	13.12	30.61	3	01:40	0.064	0.348
J-423	3.76	33.31	2	23:34	0.344	0.002
J-424	14.84	3.42	3	03:12	0.068	0.369
J-427	15.00	3.23	3	03:12	0.050	0.399
J-430	10.68	19.74	3	01:09	0.157	0.284
J-431	6.47	32.66	3	01:22	0.096	0.203
J-432	15.29	9.72	1	10:10	0.138	0.430
J-433	19.97	6.41	0	21:04	0.158	0.371
J-434	18.19	6.27	0	21:04	0.137	0.225
J-435	14.20	8.36	0	21:15	0.148	0.033
J-436	19.11	9.34	2	04:28	0.146	0.483
J-437	22.84	8.41	2	12:04	0.295	0.879
J-438	22.75	5.00	2	09:56	0.228	0.445
J-439	18.89	6.42	1	08:20	0.112	0.274
J-440	0.19	9.44	2	15:56	0.006	0.003
J-441	0.01	6.69	2	21:02	0.001	0.002
J-444	15.92	49.13	2	12:38	1.191	3.021
J-445	8.31	28.84	2	18:24	0.601	0.076
J-448	14.18	8.69	2	08:43	0.110	0.305
J-450	10.80	16.95	2	18:34	0.328	0.129
J-454	14.02	10.03	2	08:43	0.095	0.306
J-455	20.17	10.91	2	10:45	0.122	1.595
J-459	21.12	28.95	2	09:04	0.973	1.595
J-460-NEW	21.05	29.26	1	21:02	0.378	1.958
J-463	20.55	29.24	1	21:03	0.363	1.966
J-466	13.40	84.64	2	12:29	0.603	0.590
J-468	17.67	16.11	2	06:11	0.134	1.750
J-47	15.26	12.71	2	14:15	0.530	0.045

J-470	1.98	57.11	3	02:58	0.096	0.092
J-471	17.19	75.38	2	14:40	0.648	1.016
J-478	4.05	70.98	1	21:07	0.530	0.506
J-479	5.48	68.55	1	21:48	0.782	0.750
J-480	3.79	44.39	1	21:55	0.267	0.173
J-481	6.12	30.32	2	10:13	0.643	0.155
J-482	2.87	26.00	1	14:28	0.208	0.063
J-484	3.25	12.69	1	18:09	0.088	0.267
J-485	3.42	8.56	1	09:14	0.065	0.267
J-486	4.53	26.21	3	03:32	0.250	0.624
J-487	3.88	14.82	1	21:48	0.112	0.075
J-489	3.11	13.44	2	11:07	0.066	0.011
J-491	5.14	13.36	2	10:05	0.110	0.117
J-492	7.58	7.92	3	04:55	0.128	0.014
J-493	9.17	16.53	2	14:31	0.337	0.012
J-495	4.91	13.84	3	05:09	0.180	0.018
J-497	15.60	5.30	2	11:52	0.267	0.484
J-498	9.06	22.96	2	18:21	0.377	0.210
J-499	4.77	11.79	2	22:26	0.125	0.039
J-5	13.45	25.00	2	12:17	0.656	1.099
J-50	9.58	6.82	3	05:28	0.215	0.018
J-500	11.75	11.17	2	19:53	0.244	0.291
J-505	14.04	7.33	3	01:25	0.230	0.773
J-508	2.52	10.55	2	16:05	0.087	0.005
J-51	6.56	23.27	2	23:53	0.422	0.262
J-512	13.96	10.45	3	00:27	0.197	0.546
J-518	12.42	8.59	3	00:54	0.190	0.353
J-53	17.89	2.20	2	11:35	0.034	1.458
J-534	21.86	5.61	2	12:13	0.239	1.612
J-537	18.98	7.70	2	08:42	0.049	1.718
J-539	27.10	43.11	2	12:13	1.357	2.651
J-539-WEIR	19.46	48.17	1	22:02	0.397	1.755
J-54	18.60	14.97	2	11:40	0.317	1.907
J-541	20.76	6.94	2	12:10	0.320	2.217
J-544	17.90	7.97	2	17:12	0.352	0.012
J-548	1.52	25.27	2	23:15	0.129	0.166
J-550	1.81	22.83	2	20:00	0.117	0.025
J-553	3.49	16.56	1	07:02	0.176	0.028
J-554	1.03	29.22	1	05:30	0.083	0.014
J-555	1.79	19.76	2	09:26	0.099	0.002
J-559	1.73	24.55	2	05:52	0.084	0.004
J-560	2.49	16.42	1	09:44	0.112	0.016
J-563	10.30	30.70	2	22:33	0.263	0.438
J-565	9.61	13.09	2	19:44	0.180	0.238
J-566	3.36	171.91	2	14:05	0.759	0.874
J-567	2.01	8.39	2	12:09	0.033	0.015
J-568	9.43	27.09	2	12:12	0.241	0.842
J-569	8.60	28.76	2	12:41	0.463	0.697
J-570	10.82	45.90	2	12:14	0.915	1.504
J-571	1.44	48.83	2	15:33	0.217	0.002
J-575	0.00	43.81	0	00:00	0.001	0.014
J-576	0.31	3.88	2	22:17	0.005	0.002
J-578	1.68	3.91	2	11:47	0.024	0.002
J-58	18.30	19.35	2	11:31	0.225	2.155
J-581	3.67	2.79	2	11:47	0.039	0.003
J-585	3.80	23.71	2	18:46	0.090	0.267
J-588	4.50	4.56	2	15:33	0.068	0.012
J-59	17.65	27.98	2	11:23	0.207	1.975
J-591	0.09	36.20	2	17:18	0.013	0.002
J-596	2.53	2.08	2	16:46	0.016	0.007
J-598	2.47	17.52	2	11:57	0.049	0.147
J-6	2.55	20.97	2	18:25	0.123	0.123
J-60	18.46	4.96	3	04:37	0.107	2.007
J-601	2.52	3.77	2	19:39	0.031	0.005
J-602	2.47	5.39	3	01:01	0.043	0.010
J-603	0.00	3.15	2	18:29	0.000	0.001
J-604	0.16	2.76	2	14:05	0.002	0.001
J-606	1.13	6.02	2	14:38	0.022	0.012
J-607	1.16	5.61	2	12:36	0.026	0.009
J-609	1.28	4.58	2	11:32	0.022	0.003
J-61	17.79	22.86	2	11:54	0.481	1.934
J-611	3.44	4.69	2	12:15	0.080	0.143
J-613	3.49	3.17	2	11:19	0.032	0.007
J-615	3.16	3.46	2	19:25	0.030	0.003
J-618	20.76	2.97	2	11:40	0.076	0.745
J-623	15.58	9.34	3	02:10	0.107	0.458
J-624	12.14	23.86	3	02:35	0.242	0.156
J-626	15.35	5.64	2	08:02	0.039	0.395
J-629	15.98	3.50	1	11:46	0.095	0.369
J-63	14.48	7.64	3	01:18	0.118	0.540

J-632	20.04	3.23	3	04:52	0.073	0.500
J-633	15.95	9.76	3	02:45	0.125	0.610
J-637	17.63	7.13	3	03:54	0.109	0.861
J-64	14.93	5.66	3	00:48	0.054	0.538
J-640	21.17	4.84	3	03:16	0.174	0.789
J-647	7.15	46.37	2	15:09	0.700	0.016
J-650	14.42	8.74	3	03:54	0.096	0.499
J-653	11.99	24.88	3	00:37	0.096	0.426
J-654	12.09	29.94	3	00:31	0.106	0.419
J-657	12.02	8.20	2	11:25	0.101	0.209
J-659	14.36	8.54	3	00:10	0.119	0.462
J-663	18.23	8.94	2	04:59	0.316	0.445
J-665	18.22	10.28	1	23:08	0.268	0.515
J-666	14.03	12.23	2	03:05	0.145	0.400
J-67	14.99	4.34	3	02:16	0.052	0.502
J-670	16.76	10.51	2	11:06	0.195	0.650
J-672	0.09	3.01	1	10:03	0.002	0.000
J-673	12.81	22.47	2	11:52	0.272	0.775
J-678	17.37	10.08	2	11:13	0.257	0.755
J-67A	15.16	4.66	2	09:55	0.037	0.501
J-682	6.85	3.90	2	12:15	0.067	0.586
J-684	3.29	3.33	2	17:57	0.013	0.002
J-686	3.63	3.01	2	14:32	0.016	0.009
J-687	3.54	5.16	2	17:39	0.027	0.007
J-691	2.87	7.06	2	14:12	0.042	0.008
J-692	0.00	2.49	2	14:12	0.000	0.005
J-693	0.00	5.74	0	00:00	0.000	0.000
J-697	0.03	2.68	2	11:47	0.000	0.001
J-7	13.88	9.52	2	18:26	0.220	0.582
J-700	0.07	2.45	2	11:48	0.001	0.000
J-701	0.00	1.99	2	13:05	0.000	0.000
J-705	0.01	2.10	2	13:13	0.000	0.000
J-707	0.02	2.98	2	14:30	0.000	0.001
J-710	0.04	1.27	2	13:02	0.000	0.000
J-712	2.57	4.28	2	13:16	0.028	0.078
J-714	2.45	3.58	2	14:28	0.024	0.065
J-719	1.21	2.40	3	00:51	0.005	0.009
J-72	14.15	8.62	3	00:43	0.063	0.533
J-721	0.49	4.78	3	00:45	0.004	0.011
J-725	1.29	13.17	2	11:16	0.017	0.145
J-728	1.43	12.05	2	13:09	0.046	0.167
J-73	14.90	4.85	3	00:58	0.056	0.543
J-734	2.17	32.52	2	01:32	0.090	0.428
J-735	3.64	23.87	3	00:44	0.159	0.852
J-736	47.28	25.35	1	04:59	1.172	3.935
J-74	14.96	5.56	3	04:04	0.089	0.549
J-740	27.49	3.10	3	05:21	0.171	1.709
J-741	20.64	6.80	3	03:52	0.140	1.332
J-744	20.80	8.19	3	04:23	0.166	1.924
J-745	17.51	13.86	2	11:41	0.099	1.937
J-748	15.91	34.80	2	11:37	0.079	1.361
J-748-WEIR-STANTEC	15.78	23.48	3	04:13	0.057	1.359
J-749	19.49	7.59	3	03:40	0.142	1.299
J-750	14.17	25.35	3	03:28	0.182	0.363
J-751	18.14	10.54	3	05:35	0.169	1.235
J-752	16.83	33.61	2	11:39	0.120	1.291
J-753	17.84	6.63	3	05:17	0.053	1.304
J-754	17.59	20.03	3	05:28	0.465	1.422
J-754-WEIR-STANTEC	16.16	56.88	2	11:54	0.070	1.290
J-755	3.15	8.79	2	18:06	0.043	0.115
J-757	1.94	32.23	2	18:29	0.086	0.061
J-760	17.38	12.54	2	11:42	0.086	1.050
J-761	12.51	10.83	2	11:49	0.043	0.517
J-763	8.54	18.63	2	14:35	0.442	0.004
J-764	14.02	11.72	2	13:37	0.294	0.671
J-766	2.13	13.28	3	01:05	0.071	0.363
J-768	1.48	2.60	3	00:59	0.006	0.200
J-769	0.69	3.63	2	05:18	0.004	0.060
J-77	15.80	22.53	2	11:39	0.442	1.220
J-771	0.24	7.02	2	03:24	0.003	0.009
J-772	0.79	3.43	3	02:38	0.017	0.046
J-774	0.42	5.81	2	19:43	0.007	0.005
J-776	0.33	6.23	3	04:30	0.004	0.002
J-778	0.11	3.24	2	21:07	0.001	0.003
J-77A	0.00	9.79	3	00:23	0.000	0.000
J-780	0.07	1.40	2	21:07	0.000	0.001
J-782	0.17	1.38	2	15:09	0.001	0.002
J-784	0.41	1.41	2	12:11	0.005	0.040
J-786	0.35	1.49	2	21:08	0.001	0.025
J-788	0.30	2.53	2	12:32	0.001	0.023

J-790	0.28	4.60	3	04:25	0.002	0.033
J-792	0.55	11.41	2	12:05	0.007	0.209
J-793	0.50	6.69	3	04:24	0.005	0.049
J-795	0.27	3.54	3	04:25	0.002	0.041
J-799	0.21	4.13	2	11:49	0.004	0.003
J-799-WEIR-EAC	1.14	14.80	1	14:30	0.021	0.008
J-80	14.74	5.65	3	00:54	0.141	0.596
J-800	4.20	8.44	2	11:57	0.037	0.052
J-802	5.86	6.87	2	17:18	0.050	0.154
J-806	5.22	7.36	2	15:12	0.055	0.068
J-809	3.96	14.47	2	15:22	0.110	0.044
J-810	5.85	10.44	2	16:59	0.125	0.268
J-813	5.84	6.19	2	16:50	0.022	0.203
J-816	6.38	3.90	2	11:35	0.076	0.335
J-819	5.40	4.57	3	04:21	0.019	0.145
J-82	15.61	9.18	2	11:37	0.063	0.730
J-822	6.62	3.08	3	04:16	0.063	0.268
J-826	7.41	4.43	2	12:05	0.104	0.410
J-829	6.69	6.58	3	04:39	0.017	0.200
J-83	15.28	20.68	3	03:15	0.385	0.727
J-831	6.85	5.49	2	11:16	0.060	0.245
J-836	6.56	5.89	3	03:49	0.045	0.180
J-838	2.93	3.28	2	11:49	0.017	0.011
J-83A	0.00	17.82	2	16:19	0.000	0.000
J-84	15.57	7.18	2	12:02	0.052	0.730
J-841	2.77	5.21	2	11:15	0.023	0.020
J-844	3.42	4.90	2	14:42	0.062	0.132
J-848	0.79	4.99	2	11:16	0.012	0.003
J-850	0.30	8.60	2	12:24	0.014	0.004
J-851	0.19	10.51	2	16:30	0.006	0.007
J-87	13.67	3.94	2	11:02	0.034	0.694
J-879	0.37	5.10	3	03:14	0.012	0.000
J-88	13.49	5.47	2	11:53	0.045	0.650
J-880	21.24	10.11	2	11:35	0.455	0.381
J-881	0.45	9.29	1	22:45	0.030	0.002
J-882	20.19	9.84	2	14:40	0.419	0.040
J-883	19.35	14.60	2	13:51	0.516	0.339
J-884	4.46	37.36	2	12:13	0.448	0.767
J-888	17.64	5.15	3	04:56	0.044	1.063
J-889	18.12	4.34	3	04:27	0.047	0.981
J-891	18.08	6.52	3	04:27	0.041	0.901
J-892	17.70	6.31	2	12:02	0.045	0.784
J-894	18.88	5.10	3	05:03	0.052	1.106
J-896	18.96	5.09	3	04:58	0.069	1.213
J-899	16.80	18.99	3	04:37	0.265	0.894
J-902	0.00	26.28	2	23:57	0.001	0.045
J-903	14.92	25.70	3	01:47	1.479	0.381
J-917	0.00	4.40	2	08:43	0.000	0.000
J-918	0.14	4.20	2	20:40	0.004	0.000
J-934	16.71	18.36	3	04:34	0.282	0.743
J-951	2.34	9.03	2	19:07	0.067	0.004
J-953	2.00	11.02	2	10:48	0.073	0.028
J-954	2.12	25.11	2	09:26	0.095	0.035
J-958	23.17	48.91	2	10:44	1.604	2.654
J-96	5.79	6.19	2	11:35	0.030	0.072
J-963	19.21	11.91	3	02:05	0.511	2.944
J-99	13.78	4.80	3	01:02	0.031	1.031
JCT-24	1.17	37.09	3	02:06	0.194	0.224
JCT-26	2.79	85.31	2	13:35	0.171	0.219
JCT-26-WEIR	0.90	32.47	2	13:52	0.043	0.491
JCT-30	17.05	46.23	2	11:55	0.160	2.821
JCT-46	18.53	50.31	0	00:00	1.953	1.160
JCT-64	15.73	9.93	3	03:57	0.112	0.570

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
J-856-STORAGE-NEW	1.137	30.58	0.0	0.0	1.543	41	2 12:59	16.00

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
J-171	15.63	3.89	11.44	1.957
J-263	18.05	2.84	7.37	1.624
J-279	50.80	2.18	7.59	2.614
J-33A	44.12	1.46	2.82	1.557
J-386	16.56	1.54	1.70	0.752
J-442	48.63	4.54	12.46	5.455
J-561A	32.34	3.43	19.49	2.745
J-567A	19.36	1.65	2.82	1.005
J-582	12.68	2.16	5.07	0.966
J-605	15.26	1.21	7.02	0.700
J-671	37.13	2.44	6.93	2.641
J-694	3.29	0.39	4.05	0.064
J-703	1.07	1.53	4.69	0.079
J-909	95.58	0.15	3.46	0.346
J-911	95.39	0.29	6.19	0.698
J-913	0.00	0.00	0.00	0.000
J-919	51.96	0.32	9.83	0.463
J-920A	4.44	0.41	4.88	0.032
J-963A	26.79	0.08	8.08	0.098
J575A	27.54	0.61	48.43	0.657
OFALL-10	33.39	2.79	4.62	2.395
OFALL-12	21.72	2.04	2.84	1.276
OFALL-14	22.49	1.00	1.41	0.635
OFALL-16	17.62	3.12	3.85	1.636
OFALL-18	15.07	1.84	2.06	0.838
OFALL-20	32.53	0.86	1.44	0.733
OFALL-22	8.38	1.86	1.95	0.514
OFALL-24	0.00	0.00	0.00	0.000
OFALL-26	56.47	1.27	2.27	1.540
OFALL-28	18.32	2.86	3.79	1.559
OFALL-30	53.35	1.00	1.90	1.189
OFALL-32	38.72	1.19	2.27	1.143
OFALL-34	19.23	0.56	0.63	0.294
OFALL-36	27.85	0.95	1.21	0.653
OFALL-38	97.69	0.25	1.28	0.561
OFALL-40	82.79	0.23	1.28	0.492
OFALL-42	82.78	0.28	1.28	0.580
OFALL-44	90.96	0.44	3.30	0.909
OFALL-46	50.62	0.45	1.90	0.486
OFALL-48	57.28	0.58	2.84	0.689
OFALL-50	86.74	0.33	1.28	0.561
OFALL-52	83.19	1.22	1.28	1.729
OFALL-54	90.28	0.71	2.84	1.135
OFALL-66	55.11	1.63	3.79	2.143
WELL-2E	36.94	4.37	55.33	3.609
WELL-3	51.93	0.82	4.87	1.031
WELL-4	52.90	2.32	12.40	3.010
WELL-W-ENID-DR	75.33	1.81	3.79	2.793
System	41.17	67.91	189.55	58.588

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Link Flow Summary
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Link	Type	Maximum |Run Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Output Flow| CFS	Time of Max Occurrence days hr:min	Max/ Full Flow	Maximum |Veloc| ft/sec	Time of Max Occurrence days hr:min	Max/ Full Depth	Time of Max Occurrence days hr:min	Maximum Top Width ft
C-WELL3W	CONDUIT	4.87	0 00:00	2.75	2 12:15	1.00	5.66	0 00:00	1.00	0 00:00	0.42
C-WELL4E	CONDUIT	12.40	0 00:00	8.21	2 12:15	0.36	5.19	0 00:00	0.98	2 12:15	0.94
CDT-101	CONDUIT	27.77	3 01:33	20.24	3 01:57	5.43	3.93	3 01:33	1.00	2 09:56	3.00
CDT-103	CONDUIT	18.00	2 11:34	14.53	2 11:35	3.52	2.55	2 11:34	1.00	2 10:08	3.00
CDT-105	CONDUIT	17.96	2 11:32	13.52	2 11:33	3.51	2.54	2 11:32	1.00	2 10:12	3.00
CDT-107	CONDUIT	14.56	2 10:43	10.44	3 05:22	2.85	2.06	2 10:43	1.00	2 09:15	3.00
CDT-109	CONDUIT	15.25	2 10:34	10.60	3 04:57	2.98	2.16	2 10:34	1.00	2 08:50	3.00
CDT-11	CONDUIT	4.06	2 15:27	3.73	2 18:42	1.46	4.54	2 15:27	1.00	0 22:54	1.07
CDT-111	CONDUIT	20.98	3 03:28	11.87	3 04:37	4.11	2.97	3 03:28	1.00	1 18:25	3.00
CDT-113	CONDUIT	13.68	2 11:43	4.19	2 11:42	2.68	1.93	2 11:43	1.00	2 11:04	3.00
CDT-115	CONDUIT	19.55	2 11:39	16.05	2 11:40	1.78	1.56	2 11:39	1.00	2 08:00	4.00
CDT-121	CONDUIT	55.33	0 00:00	21.37	2 12:15	0.14	9.23	0 00:00	1.00	0 00:01	1.71
CDT-123	CONDUIT	85.92	3 01:47	66.14	2 17:39	16.82	12.15	3 01:47	1.00	1 08:25	3.00
CDT-125	CONDUIT	21.96	3 02:58	15.33	3 03:03	2.00	1.75	3 02:58	1.00	1 10:50	4.00
CDT-171	CONDUIT	17.10	1 20:48	15.94	1 20:49	0.17	1.47	1 20:48	1.00	1 18:34	4.00
CDT-173	CONDUIT	29.53	2 18:29	23.74	2 15:33	1.90	7.01	1 09:05	1.00	2 11:47	4.00
CDT-175	CONDUIT	4.17	2 14:33	2.91	3 04:20	0.27	0.58	1 15:09	1.00	2 11:37	4.00
CDT-177	CONDUIT	3.36	2 11:23	2.91	3 04:20	0.22	0.58	1 15:09	1.00	2 11:37	4.00
CDT-179	CONDUIT	5.37	2 11:57	3.83	3 00:46	0.01	0.50	3 00:46	1.00	2 11:55	4.00
CDT-181	CONDUIT	1.61	2 21:02	1.20	1 14:12	0.10	0.29	1 14:10	1.00	2 20:42	4.00
CDT-183	CONDUIT	26.16	2 16:46	14.83	2 18:06	1.68	2.08	2 16:46	1.00	2 10:59	4.00
CDT-185	CONDUIT	1.61	2 21:02	1.20	1 14:12	0.10	0.29	1 14:10	1.00	2 20:42	4.00
CDT-187	CONDUIT	19.71	2 18:21	11.43	2 14:12	1.27	1.57	2 18:21	1.00	1 17:06	4.00
CDT-189	CONDUIT	19.71	2 18:21	11.57	2 14:12	1.27	1.57	2 18:21	1.00	1 17:06	4.00
CDT-191	CONDUIT	16.40	2 11:57	13.31	2 11:57	1.05	1.30	2 11:57	1.00	2 11:46	4.00
CDT-193	CONDUIT	25.75	3 03:01	20.66	3 01:03	1.65	2.05	3 03:01	1.00	2 07:44	4.00
CDT-195	CONDUIT	10.63	1 09:47	9.26	1 10:00	0.68	1.75	1 09:47	1.00	1 11:59	4.00
CDT-197	CONDUIT	30.78	3 00:26	19.76	3 01:01	1.98	2.45	3 00:26	1.00	2 10:48	4.00
CDT-199	CONDUIT	25.72	3 00:31	13.64	3 01:16	1.65	2.05	3 00:31	1.00	2 11:24	4.00
CDT-201	CONDUIT	25.54	3 01:02	18.15	3 00:45	1.64	2.03	3 01:02	1.00	2 11:24	4.00
CDT-205	CONDUIT	27.68	3 01:01	20.09	2 11:53	1.78	2.20	3 01:01	1.00	2 10:51	4.00
CDT-207	CONDUIT	32.09	2 22:45	24.40	2 23:03	2.06	2.55	2 22:45	1.00	2 10:41	4.00
CDT-209	CONDUIT	30.05	2 16:19	16.83	2 14:50	1.93	2.39	2 16:19	1.00	1 08:24	4.00
CDT-211	CONDUIT	30.93	2 16:19	15.70	2 18:37	1.99	2.46	2 16:19	1.00	1 08:24	4.00
CDT-213	CONDUIT	29.87	2 22:17	20.72	1 08:33	1.92	2.38	2 22:17	1.00	1 08:31	4.00
CDT-215	CONDUIT	28.31	2 20:38	17.44	2 19:16	1.82	2.25	2 20:38	1.00	2 08:03	4.00
CDT-217	CONDUIT	13.08	3 00:41	9.11	3 00:50	0.04	1.04	3 00:41	1.00	2 11:24	4.00
CDT-219	CONDUIT	20.53	3 01:22	7.74	3 00:52	1.32	1.63	3 01:22	1.00	2 11:24	4.00
CDT-221	CONDUIT	22.88	2 20:25	13.20	2 20:39	1.47	1.82	2 20:25	1.00	2 11:37	4.00
CDT-223	CONDUIT	24.23	3 00:55	13.06	2 11:54	1.56	1.93	3 00:55	1.00	2 11:24	4.00
CDT-225	CONDUIT	29.19	2 21:36	8.36	2 21:37	1.88	2.32	2 21:36	1.00	2 11:36	4.00
CDT-227	CONDUIT	30.98	3 03:41	22.41	2 20:11	1.99	2.47	3 03:41	1.00	2 10:52	4.00
CDT-229	CONDUIT	23.94	3 02:35	12.97	3 03:24	1.54	1.91	3 02:35	1.00	2 10:48	4.00
CDT-231	CONDUIT	23.10	3 02:15	14.21	3 03:24	1.48	1.84	3 02:15	1.00	2 10:48	4.00
CDT-233	CONDUIT	23.32	3 05:10	20.35	3 05:11	1.50	1.86	3 05:10	1.00	2 10:46	4.00
CDT-235	CONDUIT	38.66	2 11:54	37.20	2 12:57	2.48	3.08	2 11:54	1.00	2 10:53	4.00
CDT-237	CONDUIT	27.95	2 11:54	15.08	3 02:37	0.05	2.22	2 11:54	1.00	2 10:52	4.00
CDT-239	CONDUIT	22.16	2 11:23	13.15	2 11:18	1.42	1.76	2 11:23	1.00	2 09:12	4.00
CDT-241	CONDUIT	24.07	3 02:35	12.98	3 03:24	1.55	1.92	3 02:35	1.00	2 10:48	4.00
CDT-243	CONDUIT	8.62	2 12:27	8.10	2 12:15	0.02	0.69	2 12:27	1.00	2 11:15	4.00
CDT-245	CONDUIT	7.40	2 11:37	5.71	2 11:42	0.01	0.59	2 11:37	1.00	2 11:15	4.00

CDT-247	CONDUIT	24.02	3	02:21	14.80	3	03:29	1.54	1.91	3	02:21	1.00	2	10:47	4.00
CDT-249	CONDUIT	19.95	3	04:37	13.24	3	04:24	1.28	1.59	3	04:37	1.00	2	10:47	4.00
CDT-251	CONDUIT	20.16	2	21:48	9.38	2	21:48	1.30	1.60	2	21:48	1.00	2	11:36	4.00
CDT-253	CONDUIT	25.06	3	01:21	18.25	3	01:23	1.61	1.99	3	01:21	1.00	2	11:24	4.00
CDT-255	CONDUIT	12.11	2	11:23	8.02	2	11:24	2.47	0.96	2	11:23	1.00	2	09:12	4.00
CDT-257	CONDUIT	20.25	2	11:43	14.67	2	11:44	3.53	1.61	2	11:43	1.00	2	09:12	4.00
CDT-259	CONDUIT	26.12	2	15:29	18.82	3	02:00	1.68	2.08	2	15:29	1.00	2	11:14	4.00
CDT-261	CONDUIT	36.38	3	02:01	19.01	3	00:02	2.34	2.90	3	02:01	1.00	2	10:52	4.00
CDT-263	CONDUIT	28.01	2	18:24	16.29	2	17:39	1.80	2.23	2	18:24	1.00	2	11:36	4.00
CDT-265	CONDUIT	25.36	2	01:32	20.07	1	18:47	1.63	2.02	2	01:32	1.00	0	23:34	4.00
CDT-267	CONDUIT	25.36	2	01:32	20.07	1	18:47	1.63	2.02	2	01:32	1.00	0	23:34	4.00
CDT-269	CONDUIT	18.38	3	01:04	10.75	3	00:46	1.18	1.46	3	01:04	1.00	2	12:02	4.00
CDT-271	CONDUIT	21.54	3	01:09	11.93	3	01:02	1.38	1.71	3	01:09	1.00	2	11:35	4.00
CDT-273	CONDUIT	19.48	3	01:22	15.14	1	12:17	1.25	3.42	0	20:24	1.00	1	09:57	4.00
CDT-275	CONDUIT	24.81	3	03:16	20.45	3	02:59	1.59	1.97	3	03:16	1.00	2	11:19	4.00
CDT-277	CONDUIT	20.79	2	22:54	10.95	3	00:28	1.34	2.53	0	15:40	1.00	2	11:28	4.00
CDT-279	CONDUIT	19.55	3	01:22	15.14	1	12:17	1.26	3.42	0	20:24	1.00	1	09:57	4.00
CDT-281	CONDUIT	20.80	2	22:54	10.95	3	00:28	1.34	2.77	0	15:39	1.00	2	11:28	4.00
CDT-283	CONDUIT	19.83	3	03:16	7.09	3	03:30	1.27	1.58	3	03:16	1.00	2	11:14	4.00
CDT-285	CONDUIT	18.52	3	00:19	10.99	2	22:55	1.19	1.47	3	00:19	1.00	2	11:28	4.00
CDT-287	CONDUIT	33.98	3	02:15	11.86	3	01:42	2.18	2.70	3	02:15	1.00	2	11:27	4.00
CDT-289	CONDUIT	41.70	2	22:25	18.74	3	00:20	2.68	3.32	2	22:25	1.00	2	11:57	4.00
CDT-291	CONDUIT	27.90	1	21:42	21.07	2	10:08	1.79	2.22	1	21:42	1.00	1	08:47	4.00
CDT-293	CONDUIT	34.01	3	02:26	29.30	2	23:34	2.19	2.71	3	02:26	1.00	2	11:34	4.00
CDT-295	CONDUIT	21.66	3	04:40	18.16	2	11:51	1.39	2.70	0	17:58	1.00	2	09:15	4.00
CDT-297	CONDUIT	19.38	2	11:40	14.31	3	04:31	1.25	1.54	2	11:40	1.00	2	10:47	4.00
CDT-299	CONDUIT	15.98	3	02:17	8.27	3	04:20	6.52	5.09	3	02:17	1.00	1	00:22	2.00
CDT-439	CONDUIT	12.62	3	03:53	8.78	3	03:57	18.89	4.02	3	03:53	1.00	0	17:30	2.00
CDT-493	CONDUIT	13.78	1	21:40	12.37	3	05:58	18.69	2.81	1	21:40	1.00	0	19:15	2.50
CDT-495	CONDUIT	20.59	1	06:22	17.64	3	05:42	15.18	4.19	1	06:22	1.00	0	19:15	2.50
CDT-525	CONDUIT	50.74	2	12:09	40.31	2	12:14	3.26	4.04	2	12:09	1.00	1	01:37	4.00
CDT-539	CONDUIT	34.06	3	02:58	33.56	3	02:59	1.25	4.82	3	02:58	1.00	1	08:25	3.00
CDT-87	CONDUIT	13.35	2	12:15	13.35	2	12:16	1.04	5.26	2	12:16	0.39	2	12:15	3.00
CDT-91	CONDUIT	5.88	3	02:53	2.33	2	11:52	1.15	0.83	3	02:53	1.00	0	17:32	3.00
CDT-93	CONDUIT	35.84	1	19:45	29.81	3	05:28	7.01	5.20	1	19:45	1.00	0	20:22	3.00
CDT-95	CONDUIT	14.65	2	11:34	10.71	2	11:25	2.87	2.07	2	11:34	1.00	2	10:58	3.00
CDT-97	CONDUIT	18.26	2	11:48	10.46	3	00:36	3.57	2.58	2	11:48	1.00	2	11:01	3.00
CDT-99	CONDUIT	15.88	3	03:09	6.29	3	03:47	3.11	2.25	3	03:09	1.00	0	20:22	3.00
J-963_OUTFALL	CONDUIT	8.08	0	00:00	3.26	2	12:27	23.25	8.04	0	00:00	1.00	0	00:00	0.31
J561_OUTFALL	CONDUIT	19.49	2	12:20	16.03	2	13:26	5.99	4.31	2	12:20	1.00	1	02:27	2.39
J575_OUTFALL	CONDUIT	48.43	0	00:00	7.61	2	12:16	14.88	11.16	0	00:00	1.00	0	00:00	0.94
J920_OUTFALL	CONDUIT	4.88	2	08:35	1.29	1	06:07	1.50	1.08	2	08:35	1.00	1	02:27	2.39
LINK-WELL-2	CONDUIT	15.00	2	16:50	10.98	2	12:15	7.14	2.12	2	16:50	1.00	0	21:02	2.95
U-1	CONDUIT	14.28	2	23:43	13.08	2	12:16	16.05	3.16	2	23:43	1.00	0	23:55	2.40
U-100	CONDUIT	2.99	2	19:02	2.04	2	11:56	16.85	2.14	2	19:02	1.00	0	22:18	1.33
U-101	CONDUIT	6.67	2	14:52	6.09	2	14:45	25.68	4.78	2	14:52	1.00	0	22:18	1.33
U-102	CONDUIT	3.45	2	12:01	3.09	2	12:15	18.48	2.47	2	12:01	1.00	0	22:18	1.33
U-103	CONDUIT	7.04	2	14:30	6.94	2	14:30	35.11	5.05	2	14:30	1.00	0	22:18	1.33
U-104	CONDUIT	3.77	2	11:57	3.09	2	12:15	28.99	6.92	2	11:57	1.00	0	20:38	0.83
U-105	CONDUIT	10.79	2	13:11	7.96	2	12:19	21.34	6.11	2	13:11	1.00	1	07:21	1.50
U-106	CONDUIT	11.44	2	12:18	10.47	2	12:15	1.96	5.69	2	12:18	1.00	1	18:44	1.20
U-11	CONDUIT	15.01	3	00:47	11.66	2	17:07	8.50	4.78	3	00:47	1.00	1	00:12	2.00
U-110	CONDUIT	10.68	1	21:25	7.50	1	20:58	17.04	5.31	1	21:25	1.00	0	20:35	1.60
U-112	CONDUIT	11.21	3	03:16	7.48	2	11:38	14.63	5.58	3	03:16	1.00	0	20:47	1.60
U-113	CONDUIT	2.89	3	01:01	2.38	0	20:59	28.85	3.13	3	01:01	1.00	0	19:58	1.20
U-114	CONDUIT	6.39	3	03:17	4.83	3	03:18	25.84	3.18	3	03:17	1.00	0	21:16	1.60
U-118	CONDUIT	5.67	2	11:54	3.68	0	23:11	18.78	5.01	2	11:54	1.00	0	21:54	1.20
U-121	CONDUIT	4.04	2	11:49	3.23	0	22:47	15.09	2.01	2	11:49	1.00	0	22:32	1.60
U-122	CONDUIT	5.40	2	11:47	4.29	2	18:27	11.42	2.69	2	11:47	1.00	0	22:32	1.60
U-125	CONDUIT	6.10	2	03:11	5.37	0	22:46	11.40	3.18	0	22:37	1.00	2	08:09	2.00

U-129	CONDUIT	5.06	3	01:02	4.22	2	11:29	13.20	4.47	3	01:02	1.00	0	21:58	1.20
U-13	CONDUIT	7.66	3	00:42	6.55	3	00:43	27.15	3.81	3	00:42	1.00	0	22:38	1.60
U-131	CONDUIT	3.40	2	11:31	2.82	2	03:12	25.65	3.00	2	11:31	1.00	0	21:58	1.20
U-141	CONDUIT	3.46	2	09:10	2.63	0	21:26	22.23	3.06	2	09:10	1.00	0	17:19	1.20
U-142	CONDUIT	3.28	1	01:24	2.14	3	03:59	21.64	2.90	1	01:24	1.00	0	17:19	1.20
U-147	CONDUIT	3.53	2	08:28	2.30	2	07:09	28.82	3.12	2	08:28	1.00	0	17:20	1.20
U-15	CONDUIT	4.14	3	00:47	3.72	3	03:46	1.38	3.66	3	00:47	1.00	0	23:07	1.20
U-150	CONDUIT	3.94	3	04:42	3.41	3	04:44	29.94	3.49	3	04:42	1.00	0	17:20	1.20
U-153	CONDUIT	4.31	1	07:08	3.86	1	07:08	18.56	3.81	1	07:08	1.00	0	17:18	1.20
U-155	CONDUIT	5.75	2	10:48	4.40	1	17:51	12.88	5.09	2	10:48	1.00	0	17:18	1.20
U-156	CONDUIT	5.51	3	04:04	4.74	3	04:22	38.87	4.87	3	04:04	1.00	0	17:19	1.20
U-158	CONDUIT	8.50	3	04:17	4.88	3	03:31	30.86	7.52	3	04:17	1.00	0	17:18	1.20
U-16	CONDUIT	5.41	3	00:45	4.65	2	23:52	19.71	2.69	3	00:45	1.00	1	09:30	1.60
U-160	CONDUIT	3.46	2	07:45	2.91	2	09:08	16.04	1.96	2	07:45	1.00	0	17:21	1.50
U-161	CONDUIT	13.44	3	05:09	10.75	3	05:26	58.37	11.88	3	05:09	1.00	0	16:26	1.20
U-165	CONDUIT	2.82	2	22:30	2.08	2	10:06	19.00	2.50	2	22:30	1.00	0	17:09	1.20
U-167	CONDUIT	3.44	2	21:37	2.25	3	05:47	27.41	3.04	2	21:37	1.00	0	17:09	1.20
U-17	CONDUIT	17.82	3	00:46	11.47	2	23:13	0.25	2.52	3	00:46	1.00	2	09:44	3.00
U-171	CONDUIT	2.58	2	11:43	2.01	2	11:32	20.95	2.28	2	11:43	1.00	0	17:09	1.20
U-172	CONDUIT	3.82	2	11:43	3.65	3	03:13	30.42	3.38	2	11:43	1.00	0	17:09	1.20
U-176	CONDUIT	4.15	2	11:20	3.45	2	11:20	27.51	3.67	2	11:20	1.00	0	17:08	1.20
U-177	CONDUIT	11.51	2	09:10	6.44	2	10:59	26.47	5.74	2	09:10	1.00	0	17:55	1.60
U-18	CONDUIT	5.67	3	00:42	4.62	3	01:24	16.67	5.01	3	00:42	1.00	1	00:35	1.20
U-181	CONDUIT	7.89	2	09:10	6.15	2	10:59	31.45	4.22	3	04:16	1.00	0	17:55	1.60
U-184	CONDUIT	20.74	2	09:07	8.29	3	04:16	47.09	10.32	2	09:07	1.00	0	17:55	1.60
U-186	CONDUIT	11.31	2	09:05	7.80	1	18:29	67.19	10.00	2	09:05	1.00	0	17:07	1.20
U-191	CONDUIT	6.29	2	07:44	6.00	2	08:25	42.51	5.56	2	07:44	1.00	0	17:07	1.20
U-193	CONDUIT	6.89	3	01:45	5.58	2	08:25	19.92	6.10	3	01:45	1.00	0	17:07	1.20
U-195	CONDUIT	7.20	2	08:25	5.54	2	08:25	23.87	6.37	2	08:25	1.00	0	17:06	1.20
U-196	CONDUIT	6.28	2	07:44	5.29	2	08:25	43.36	5.55	2	07:44	1.00	0	17:06	1.20
U-197	CONDUIT	22.03	2	06:47	10.47	2	07:26	26.20	11.34	2	06:47	1.00	0	17:12	1.60
U-199	CONDUIT	20.91	1	21:39	11.49	3	04:04	28.12	10.40	1	21:39	1.00	0	17:10	1.60
U-20	CONDUIT	3.89	3	00:58	3.54	3	01:12	27.90	3.44	3	00:58	1.00	1	00:35	1.20
U-200	CONDUIT	15.18	3	05:41	10.81	1	10:25	35.21	7.55	3	05:41	1.00	0	17:09	1.60
U-201	CONDUIT	22.03	2	08:24	18.60	3	04:04	31.24	7.01	2	08:24	1.00	0	17:16	2.00
U-202	CONDUIT	30.83	3	05:58	24.30	1	08:32	32.62	9.81	3	05:58	1.00	0	17:16	2.00
U-203	CONDUIT	15.74	1	02:14	15.00	1	00:52	62.00	13.92	1	02:14	1.00	0	17:03	1.20
U-204	CONDUIT	7.28	3	02:23	5.92	2	21:32	20.72	6.44	3	02:23	1.00	0	17:03	1.20
U-206	CONDUIT	4.30	2	04:42	4.19	3	05:42	22.31	3.80	2	04:42	1.00	0	17:03	1.20
U-207	CONDUIT	6.86	2	14:22	6.00	2	14:23	31.11	6.06	2	14:22	1.00	0	17:03	1.20
U-208	CONDUIT	7.49	2	15:30	6.58	2	14:23	28.77	6.62	2	15:30	1.00	0	17:03	1.20
U-211	CONDUIT	6.51	2	14:44	6.12	2	14:32	45.01	5.76	2	14:44	1.00	0	17:03	1.20
U-213	CONDUIT	6.55	2	15:23	6.03	2	15:22	31.39	5.34	2	15:23	1.00	0	17:05	1.25
U-214	CONDUIT	7.59	2	16:02	6.34	2	14:41	0.46	2.41	2	16:02	1.00	0	17:13	1.89
U-22	CONDUIT	5.78	3	03:31	5.28	3	03:31	31.05	5.11	3	03:31	1.00	1	00:32	1.20
U-220	CONDUIT	22.24	2	08:24	16.07	3	05:08	38.81	7.08	2	08:24	1.00	0	16:51	2.00
U-221	CONDUIT	9.12	1	19:52	7.55	3	03:19	18.89	8.06	1	19:52	1.00	0	13:41	1.20
U-227	CONDUIT	5.19	2	09:09	3.32	1	15:57	23.89	4.59	2	09:09	1.00	0	17:00	1.20
U-228	CONDUIT	4.52	2	09:18	4.39	3	05:10	33.99	4.00	2	09:18	1.00	0	17:01	1.20
U-231	CONDUIT	13.87	2	07:44	8.13	2	11:16	9.90	4.46	2	07:44	1.00	0	17:24	2.00
U-232	CONDUIT	7.75	2	08:24	6.00	3	02:19	0.98	3.86	2	08:24	1.00	0	17:10	1.60
U-233	CONDUIT	4.92	1	02:18	4.60	0	22:54	40.97	4.36	1	02:18	1.00	0	17:12	1.20
U-237	CONDUIT	7.47	2	08:24	7.44	2	08:25	17.53	2.38	2	08:24	1.00	0	17:30	2.00
U-239	CONDUIT	7.85	2	08:24	6.77	2	08:25	32.63	3.90	2	08:24	1.00	0	17:20	1.60
U-240	CONDUIT	6.70	2	08:25	5.87	3	04:03	36.71	5.93	2	08:25	1.00	0	17:11	1.20
U-242	CONDUIT	8.85	2	12:02	6.00	2	23:09	9.68	4.40	2	12:02	1.00	0	17:22	1.60
U-244	CONDUIT	5.30	3	04:03	5.26	3	04:03	42.12	4.68	3	04:03	1.00	0	17:18	1.20
U-245	CONDUIT	4.47	3	04:49	3.55	3	04:50	28.41	3.95	3	04:49	1.00	0	17:11	1.20
U-249	CONDUIT	4.71	3	04:49	4.62	3	04:49	28.50	4.16	3	04:49	1.00	0	17:16	1.20
U-25	CONDUIT	9.11	3	03:07	5.70	3	03:31	17.79	8.05	3	03:07	1.00	1	00:32	1.20

U-251	CONDUIT	4.98	3	02:10	3.59	2	11:55	17.68	4.40	3	02:10	1.00	0	16:56	1.20
U-253	CONDUIT	4.13	3	04:51	3.86	3	05:09	47.90	5.26	3	04:51	1.00	0	16:25	1.00
U-254	CONDUIT	5.83	1	03:07	4.90	1	03:03	47.61	5.15	1	03:07	1.00	0	16:26	1.20
U-256	CONDUIT	40.20	1	04:10	35.33	2	01:22	12.01	8.89	1	04:10	1.00	0	19:01	2.40
U-259	CONDUIT	8.91	3	03:51	6.13	2	05:07	31.66	7.88	3	03:51	1.00	0	17:12	1.20
U-26	CONDUIT	3.79	2	12:04	3.48	2	12:01	28.11	3.36	2	12:04	1.00	1	00:33	1.20
U-260	CONDUIT	4.07	1	08:26	3.85	1	11:04	55.67	5.18	1	08:26	1.00	0	17:12	1.00
U-261	CONDUIT	7.75	2	16:01	6.46	2	16:49	12.99	4.73	2	03:12	1.00	2	11:52	1.50
U-262-NEW	CONDUIT	10.85	2	13:12	8.17	2	14:05	36.97	13.81	2	13:12	1.00	2	11:24	0.96
U-263	CONDUIT	7.37	2	16:03	7.30	2	16:03	0.97	9.38	2	16:03	1.00	2	09:05	0.39
U-265	CONDUIT	5.18	2	12:01	4.09	2	11:53	0.27	4.58	2	12:01	1.00	2	07:51	1.20
U-267	CONDUIT	3.44	2	23:44	2.93	1	20:37	23.58	3.04	2	23:44	1.00	0	17:54	1.20
U-270	CONDUIT	3.82	1	19:58	2.78	2	04:47	22.35	3.38	1	19:58	1.00	0	17:54	1.20
U-271	CONDUIT	4.52	2	11:51	3.69	2	11:53	30.72	3.99	2	11:51	1.00	0	17:54	1.20
U-274	CONDUIT	6.15	3	00:41	4.33	3	00:40	18.88	5.43	3	00:41	1.00	1	00:35	1.20
U-277	CONDUIT	2.21	3	00:42	1.75	3	00:46	16.25	1.95	3	00:42	1.00	1	00:35	1.20
U-28	CONDUIT	4.69	3	01:13	3.64	3	01:26	24.35	4.15	3	01:13	1.00	1	00:33	1.20
U-280	CONDUIT	3.25	3	03:27	2.69	3	03:27	32.98	2.87	3	03:27	1.00	0	21:41	1.20
U-286	CONDUIT	4.39	3	03:34	4.02	3	03:35	38.82	3.89	3	03:34	1.00	0	21:34	1.20
U-289	CONDUIT	4.21	3	03:31	4.09	3	03:31	36.99	3.72	3	03:31	1.00	0	21:34	1.20
U-29	CONDUIT	3.78	3	00:56	3.47	3	01:14	26.59	3.34	3	00:56	1.00	1	00:34	1.20
U-290	CONDUIT	3.72	3	03:26	3.57	3	03:18	24.44	3.29	3	03:26	1.00	0	21:33	1.20
U-291	CONDUIT	3.71	3	03:18	3.29	3	03:19	23.65	3.28	3	03:18	1.00	0	21:33	1.20
U-293	CONDUIT	7.45	3	03:31	5.02	3	03:32	21.28	6.58	3	03:31	1.00	0	21:34	1.20
U-294	CONDUIT	4.35	3	03:27	3.80	3	03:34	31.35	3.84	3	03:27	1.00	0	21:40	1.20
U-295	CONDUIT	6.02	3	01:02	4.41	3	00:44	17.81	5.32	3	01:02	1.00	0	21:33	1.20
U-298	CONDUIT	7.04	3	01:27	4.56	3	01:18	22.40	6.23	3	01:27	1.00	0	21:33	1.20
U-299	CONDUIT	6.40	3	03:07	4.32	3	00:52	19.20	5.66	3	03:07	1.00	0	21:33	1.20
U-300	CONDUIT	6.99	3	03:28	4.02	2	09:28	17.90	6.18	3	03:28	1.00	0	21:29	1.20
U-304	CONDUIT	3.06	2	11:32	2.69	2	11:31	64.16	6.09	2	11:32	1.00	0	20:58	0.80
U-308	CONDUIT	4.89	2	11:33	4.43	2	11:34	37.61	4.32	2	11:33	1.00	0	21:37	1.20
U-308A	CONDUIT	6.62	2	11:33	4.43	2	11:25	27.03	5.86	2	11:33	1.00	0	21:40	1.20
U-309	CONDUIT	4.44	3	03:27	3.83	3	03:26	30.74	3.92	3	03:27	1.00	0	21:33	1.20
U-312	CONDUIT	5.14	2	11:46	4.64	2	11:47	44.92	4.54	2	11:46	1.00	0	21:37	1.20
U-315	CONDUIT	5.45	2	11:46	5.08	2	11:56	31.69	4.82	2	11:46	1.00	0	21:27	1.20
U-316	CONDUIT	8.20	2	11:55	6.57	2	11:56	34.32	7.25	2	11:55	1.00	0	21:27	1.20
U-319	CONDUIT	7.20	2	11:57	6.06	2	11:57	25.28	3.58	2	11:57	1.00	2	11:24	1.60
U-322	CONDUIT	6.84	2	11:55	5.77	2	11:25	23.88	3.40	2	11:55	1.00	1	12:13	1.60
U-325	CONDUIT	10.64	2	11:57	6.28	2	11:57	40.83	5.29	2	11:57	1.00	1	10:47	1.60
U-327	CONDUIT	10.65	2	11:57	7.33	2	11:57	39.62	5.30	2	11:57	1.00	2	11:56	1.60
U-328	CONDUIT	25.97	2	11:42	15.89	2	11:42	60.88	8.45	2	11:42	1.00	1	01:03	2.00
U-330	CONDUIT	14.70	3	03:52	11.43	2	11:28	0.75	4.68	3	03:52	1.00	0	22:58	2.00
U-332	CONDUIT	12.80	3	03:52	10.20	3	03:53	1.21	6.37	3	03:52	1.00	0	21:24	1.60
U-335	CONDUIT	6.26	3	03:13	4.91	3	03:13	20.11	3.12	3	03:13	1.00	0	20:43	1.60
U-337	CONDUIT	8.53	3	02:24	5.76	3	01:14	0.36	2.72	3	02:24	1.00	0	21:24	2.00
U-34	CONDUIT	2.91	3	03:08	2.74	3	03:17	27.18	2.57	3	03:08	1.00	1	00:37	1.20
U-341	CONDUIT	11.53	2	11:21	10.74	2	11:21	42.68	5.73	2	11:21	1.00	0	19:22	1.60
U-344	CONDUIT	3.96	3	03:14	3.11	3	03:22	36.42	3.50	3	03:14	1.00	0	19:35	1.20
U-345	CONDUIT	3.76	3	03:52	3.02	3	03:25	1.50	3.33	3	03:52	1.00	0	21:29	1.20
U-346	CONDUIT	7.00	3	01:47	4.70	2	11:49	17.98	6.19	3	01:47	1.00	0	21:31	1.20
U-347	CONDUIT	4.92	2	11:55	4.13	2	11:48	46.82	4.35	2	11:55	1.00	0	21:40	1.20
U-348	CONDUIT	7.26	2	11:48	6.43	2	11:53	25.69	3.61	2	11:48	1.00	0	22:02	1.60
U-35	CONDUIT	3.61	3	04:17	3.31	3	04:35	31.82	3.19	3	04:17	1.00	1	00:37	1.20
U-351	CONDUIT	6.99	2	11:55	6.18	2	11:56	53.59	5.69	2	11:55	1.00	0	21:30	1.25
U-352	CONDUIT	2.15	2	11:25	1.57	3	03:25	16.86	1.90	2	11:25	1.00	0	22:10	1.20
U-353	CONDUIT	5.63	3	03:02	3.79	2	11:42	18.18	4.98	3	03:02	1.00	0	22:09	1.20
U-354	CONDUIT	5.36	3	03:18	4.18	3	03:28	15.66	2.67	3	03:18	1.00	2	04:35	1.60
U-357	CONDUIT	5.00	3	03:21	4.34	3	03:18	17.50	2.49	3	03:21	1.00	2	07:14	1.60
U-358	CONDUIT	8.34	2	10:17	6.44	2	09:58	26.70	7.38	2	10:17	1.00	0	21:34	1.20
U-364	CONDUIT	4.02	3	02:57	3.94	3	02:51	35.55	3.55	3	02:57	1.00	1	00:09	1.20

U-364A	CONDUIT	20.13	2	17:48	18.68	2	17:48	6.47	1.60	2	17:48	1.00	1	10:50	4.00
U-366	CONDUIT	3.78	2	11:48	2.41	2	11:48	36.56	3.34	2	11:48	1.00	0	21:41	1.20
U-37	CONDUIT	6.06	2	11:43	4.26	2	11:48	13.52	5.36	2	11:43	1.00	1	00:37	1.20
U-372	CONDUIT	3.31	2	11:48	2.09	2	11:48	29.69	2.92	2	11:48	1.00	0	21:40	1.20
U-373	CONDUIT	3.78	2	11:47	2.84	2	13:30	21.92	3.34	2	11:47	1.00	0	20:21	1.20
U-376	CONDUIT	4.35	2	06:21	3.47	2	02:29	0.56	3.86	2	06:21	1.00	0	21:36	1.20
U-379	CONDUIT	2.82	2	11:47	2.23	2	12:32	25.21	2.50	2	11:47	1.00	0	21:33	1.20
U-38	CONDUIT	14.42	3	04:48	9.67	2	07:53	8.63	4.59	3	04:48	1.00	2	06:09	2.00
U-382	CONDUIT	3.26	2	23:53	2.23	2	23:48	11.28	1.62	2	23:53	1.00	0	22:51	1.60
U-385	CONDUIT	4.17	2	11:50	2.02	2	23:55	15.42	2.08	2	11:50	1.00	0	22:35	1.60
U-386	CONDUIT	6.59	3	00:19	5.03	2	21:58	11.76	3.73	3	00:19	1.00	0	20:43	1.50
U-388	CONDUIT	6.78	3	01:40	4.74	3	00:17	18.38	3.84	3	01:40	1.00	0	22:12	1.50
U-390	CONDUIT	11.01	2	21:36	5.65	3	01:53	16.60	6.23	2	21:36	1.00	0	22:12	1.50
U-391	CONDUIT	4.61	3	03:01	3.60	3	00:32	0.45	2.29	3	03:01	1.00	0	22:35	1.60
U-392	CONDUIT	6.99	3	01:27	4.28	3	02:26	0.43	3.48	3	01:27	1.00	0	22:35	1.60
U-394	CONDUIT	4.80	3	00:36	4.16	3	01:17	1.25	4.24	3	00:36	1.00	0	21:32	1.20
U-397	CONDUIT	4.27	3	00:31	3.86	3	01:01	40.75	3.77	3	00:31	1.00	0	21:29	1.20
U-398	CONDUIT	13.58	3	03:52	10.34	2	11:49	13.83	3.00	3	03:52	1.00	2	09:01	2.40
U-399	CONDUIT	6.46	2	11:48	6.39	2	11:38	49.74	5.83	2	11:13	1.00	0	15:38	1.20
U-402	CONDUIT	3.98	3	00:48	3.22	3	01:02	30.80	3.52	3	00:48	1.00	0	20:40	1.20
U-404	CONDUIT	4.38	3	02:16	3.44	2	23:40	16.59	3.88	3	02:16	1.00	0	20:39	1.20
U-406	CONDUIT	3.44	3	01:03	2.87	3	01:36	25.57	2.80	3	01:03	1.00	0	20:41	1.25
U-407	CONDUIT	28.82	0	21:26	10.23	0	20:58	68.92	23.49	0	21:26	1.00	0	19:32	1.25
U-408	CONDUIT	7.20	0	20:38	5.36	0	20:39	10.59	5.87	0	20:38	1.00	0	19:38	1.25
U-409	CONDUIT	9.27	0	20:24	4.75	0	19:59	3.49	5.25	0	20:24	1.00	0	19:45	1.50
U-411	CONDUIT	9.02	0	20:38	5.66	0	20:35	34.46	5.15	0	20:38	1.00	0	19:46	1.50
U-412	CONDUIT	8.06	0	20:38	6.42	0	20:39	30.79	4.62	0	20:38	1.00	0	19:46	1.50
U-413	CONDUIT	8.30	0	21:15	6.93	3	00:56	15.21	4.74	0	21:15	1.00	0	19:46	1.50
U-414	CONDUIT	4.92	3	01:48	3.76	0	20:40	34.43	4.35	3	01:48	1.00	0	19:33	1.20
U-415	CONDUIT	5.81	1	20:51	4.76	2	07:18	29.14	6.31	1	20:51	1.00	0	19:22	1.08
U-416	CONDUIT	4.17	0	20:39	3.86	0	20:40	61.28	4.53	0	20:39	1.00	0	19:23	1.08
U-417	CONDUIT	14.08	2	15:56	9.94	1	20:42	2.56	3.17	1	03:49	1.00	2	11:58	3.83
U-418	CONDUIT	16.40	2	14:10	13.52	2	17:36	12.51	2.04	2	14:10	1.00	1	01:41	3.20
U-419	CONDUIT	12.46	2	14:34	12.35	2	15:41	1.89	15.86	2	14:34	1.00	0	20:01	0.39
U-420	CONDUIT	6.92	2	17:44	5.92	2	18:09	24.27	6.12	2	17:44	1.00	1	04:10	1.20
U-421	CONDUIT	12.49	2	19:53	10.91	2	19:53	8.81	2.76	2	19:53	1.00	2	06:14	2.40
U-423	CONDUIT	7.47	3	01:08	6.26	3	01:08	8.70	1.65	3	01:08	1.00	2	06:14	2.40
U-428	CONDUIT	8.13	2	16:05	6.39	3	01:10	11.12	1.80	2	16:05	1.00	2	06:14	2.40
U-430	CONDUIT	6.60	3	00:54	5.88	2	12:13	11.05	1.46	3	00:54	1.00	2	06:38	2.40
U-434	CONDUIT	7.55	2	17:35	6.42	2	21:20	9.70	1.67	2	17:35	1.00	2	06:38	2.40
U-437	CONDUIT	5.29	2	11:51	4.69	2	12:50	20.60	2.63	2	11:51	1.00	1	06:28	1.60
U-439	CONDUIT	11.37	2	14:54	8.86	2	12:25	30.35	5.66	2	14:54	1.00	1	06:28	1.60
U-44	CONDUIT	16.64	2	23:18	14.62	2	14:17	3.22	5.30	2	23:18	1.00	1	00:14	2.00
U-440	CONDUIT	10.67	2	20:08	10.29	2	19:42	1.56	5.31	2	20:08	1.00	1	00:26	1.60
U-441	CONDUIT	10.00	2	19:37	9.45	2	16:47	1.65	4.97	2	19:37	1.00	1	00:33	1.60
U-443	CONDUIT	13.18	3	05:10	10.15	2	21:56	3.67	6.56	3	05:10	1.00	1	08:16	1.60
U-445	CONDUIT	18.35	1	21:48	15.55	2	06:45	1.87	6.16	1	21:48	1.00	1	08:19	2.00
U-447	CONDUIT	16.55	1	21:48	12.13	1	21:08	0.84	5.27	1	21:48	1.00	0	21:41	2.00
U-448	CONDUIT	19.30	2	10:11	11.83	2	08:33	1.78	9.62	2	10:11	1.00	0	21:42	1.60
U-449	CONDUIT	19.12	1	18:09	16.02	1	21:08	1.62	6.31	1	18:09	1.00	1	07:52	2.00
U-45	CONDUIT	8.03	2	10:46	6.32	3	03:58	1.55	2.56	2	10:46	1.00	1	00:18	2.00
U-450	CONDUIT	30.91	3	04:24	24.77	3	03:54	1.57	9.94	3	04:24	1.00	1	07:52	2.00
U-451	CONDUIT	23.57	1	14:17	22.49	1	18:28	2.93	7.50	1	14:17	1.00	1	08:36	2.00
U-452	CONDUIT	25.52	2	10:14	21.00	1	11:06	4.95	8.14	3	04:51	1.00	1	08:14	2.00
U-454	CONDUIT	44.44	1	21:28	33.20	2	10:45	3.44	9.95	1	21:28	1.00	1	08:18	2.40
U-456	CONDUIT	68.20	1	21:07	65.26	1	21:50	2.87	9.65	1	21:07	1.00	1	09:47	3.00
U-463	CONDUIT	58.14	3	02:58	53.07	3	04:57	1.01	9.44	3	02:58	1.00	1	18:32	2.80
U-464	CONDUIT	115.74	2	10:44	77.75	2	09:03	1.98	9.68	2	10:44	1.00	1	10:10	4.00
U-466	CONDUIT	17.83	1	14:31	16.84	1	20:54	1.66	8.87	1	14:31	1.00	1	07:57	1.60
U-468	CONDUIT	18.20	2	09:44	17.91	1	14:32	0.76	9.14	2	09:44	1.00	1	09:53	1.60

U-468-NEW	CONDUIT	17.43	1	12:10	17.35	1	20:37	3.03	4.67	1	12:10	1.00	1	10:09	2.40
U-469	CONDUIT	48.17	1	14:43	47.59	2	08:57	1.11	15.33	1	14:43	1.00	1	09:48	2.00
U-47	CONDUIT	4.52	3	03:20	4.17	3	03:16	4.74	4.90	3	03:20	1.00	0	23:45	1.08
U-48	CONDUIT	2.72	2	11:38	1.41	2	11:45	12.17	2.95	2	11:38	1.00	0	18:18	1.08
U-481	CONDUIT	4.13	3	02:31	4.10	3	02:43	48.33	5.26	3	02:31	1.00	0	17:31	1.00
U-483	CONDUIT	3.26	1	22:53	3.12	2	12:12	36.03	4.15	1	22:53	1.00	0	17:31	1.00
U-486	CONDUIT	8.92	1	18:15	8.40	2	08:42	2.54	2.87	1	18:15	1.00	1	10:03	2.00
U-489	CONDUIT	7.83	2	06:32	7.23	1	18:31	0.91	3.89	2	06:32	1.00	1	10:08	1.60
U-492	CONDUIT	9.07	2	15:29	8.18	2	14:06	10.81	2.89	2	15:29	1.00	1	00:21	2.00
U-495	CONDUIT	27.73	2	12:20	25.27	2	13:26	1.41	8.83	2	12:20	1.00	1	02:46	2.00
U-496	CONDUIT	32.85	2	05:52	28.66	1	20:45	20.70	7.26	2	05:52	1.00	1	03:52	2.40
U-497	CONDUIT	18.11	2	17:38	16.06	2	21:18	11.29	4.84	2	17:38	0.93	2	17:38	2.40
U-498	CONDUIT	16.27	2	12:38	15.31	2	20:40	16.60	4.67	2	12:38	0.96	2	17:38	2.40
U-5	CONDUIT	13.95	3	02:10	9.90	3	00:52	0.36	3.08	3	02:10	1.00	1	00:35	2.40
U-50	CONDUIT	3.65	3	05:42	3.59	3	05:54	37.68	3.96	3	05:42	1.00	0	18:20	1.08
U-500	CONDUIT	40.07	3	05:37	30.67	1	11:13	1.31	12.75	3	05:37	1.00	1	01:34	2.00
U-501	CONDUIT	27.80	3	04:43	24.09	2	23:36	28.33	6.15	3	04:43	1.00	1	03:52	2.40
U-502	CONDUIT	22.53	3	04:22	14.19	3	05:07	0.88	4.98	3	04:22	1.00	1	02:29	2.40
U-503	CONDUIT	14.53	2	17:01	12.59	2	13:01	0.72	4.81	1	22:13	1.00	2	09:15	2.00
U-507	CONDUIT	21.09	2	16:58	19.39	2	23:33	7.29	6.71	2	16:58	1.00	2	10:32	2.00
U-509	CONDUIT	28.75	2	17:01	26.46	2	17:01	0.33	3.57	2	17:01	1.00	2	10:35	3.20
U-513	CONDUIT	13.84	3	02:51	11.48	3	02:36	5.07	1.10	3	02:51	1.00	1	09:55	4.00
U-514	CONDUIT	8.64	3	02:46	8.31	3	02:46	1.74	6.19	3	02:46	1.00	1	08:42	1.33
U-518-NEW	CONDUIT	13.54	1	09:50	10.73	1	08:47	31.71	4.85	1	09:50	1.00	1	08:19	2.00
U-519-NEW	CONDUIT	27.55	1	20:48	23.63	1	21:04	0.50	2.44	1	00:11	1.00	1	14:43	4.00
U-522	CONDUIT	6.64	2	13:35	6.47	2	13:36	42.16	6.84	3	04:03	1.00	2	11:51	1.20
U-523	CONDUIT	43.69	2	12:14	41.45	2	12:14	31.58	8.90	2	12:14	1.00	2	07:25	2.50
U-524-NEW	CONDUIT	52.79	2	12:41	48.44	2	12:12	1.60	26.25	2	12:41	1.00	2	11:50	1.59
U-525	CONDUIT	28.27	2	13:35	27.88	2	12:42	76.81	20.26	2	13:35	1.00	2	11:52	1.33
U-526	CONDUIT	7.84	2	12:09	5.08	3	00:13	30.26	4.44	2	12:09	1.00	2	11:52	1.40
U-527	CONDUIT	4.81	2	12:09	3.09	3	00:13	33.76	4.25	2	12:09	1.00	2	11:51	1.18
U-53	CONDUIT	5.77	3	04:59	5.44	3	05:01	36.58	4.70	3	04:59	1.00	0	18:54	1.25
U-530	CONDUIT	11.48	2	12:42	7.57	2	13:37	0.34	2.54	2	12:42	1.00	2	07:11	2.40
U-531	CONDUIT	12.20	2	13:36	12.00	2	13:36	38.28	6.07	2	13:36	1.00	0	19:00	1.60
U-533	CONDUIT	11.88	2	15:41	10.02	2	18:47	2.05	5.91	2	15:41	1.00	0	21:41	1.60
U-534-NEW	CONDUIT	5.07	2	14:20	5.04	2	14:21	55.70	6.45	2	14:20	1.00	2	10:33	0.39
U-537	CONDUIT	4.28	2	14:07	4.05	2	12:40	1.37	3.78	2	14:07	1.00	0	21:37	1.20
U-538	CONDUIT	3.62	2	14:33	3.52	2	14:31	0.99	3.20	2	14:33	1.00	1	10:01	1.20
U-54	CONDUIT	3.49	3	04:38	3.12	3	04:39	25.43	2.85	3	04:38	1.00	0	18:55	1.25
U-543	CONDUIT	5.33	2	15:33	3.40	2	14:57	0.96	2.65	2	15:33	1.00	1	09:44	1.60
U-545	CONDUIT	2.11	2	14:22	1.96	2	14:23	26.67	2.69	2	14:22	1.00	0	18:20	1.00
U-547	CONDUIT	7.62	2	12:15	7.61	2	12:16	1.07	3.79	2	12:15	1.00	2	11:39	1.20
U-548	CONDUIT	3.86	2	16:50	2.74	2	22:17	0.06	2.00	2	16:50	1.00	2	11:56	1.60
U-549	CONDUIT	5.39	2	18:21	4.23	2	13:04	0.08	2.70	2	18:21	1.00	2	11:56	1.60
U-55	CONDUIT	7.51	3	04:44	6.32	3	04:31	19.21	6.12	3	04:44	1.00	0	18:54	1.25
U-550	CONDUIT	3.86	2	15:33	3.61	2	18:23	0.86	3.41	2	15:33	1.00	1	09:04	1.20
U-555	CONDUIT	2.24	2	16:46	1.69	2	06:29	0.72	1.98	2	16:46	1.00	0	23:50	1.20
U-557	CONDUIT	5.04	2	15:20	4.49	2	14:55	38.63	4.46	2	15:20	1.00	0	23:09	1.20
U-559	CONDUIT	5.27	2	16:46	4.65	2	15:20	20.71	4.66	2	16:46	1.00	0	23:09	1.20
U-56	CONDUIT	3.07	3	04:22	2.54	3	04:59	22.19	2.50	3	04:22	1.00	0	18:55	1.25
U-562	CONDUIT	4.79	2	15:09	4.54	2	15:20	38.78	4.24	2	15:09	1.00	0	23:09	1.20
U-565	CONDUIT	5.52	2	14:10	5.25	2	14:23	38.63	4.88	2	14:10	1.00	0	23:09	1.20
U-568	CONDUIT	5.13	2	14:09	4.67	2	13:20	16.98	2.55	2	14:09	1.00	1	14:23	1.60
U-569	CONDUIT	6.70	2	13:02	4.48	2	14:10	11.97	3.33	2	13:02	1.00	1	14:16	1.60
U-570	CONDUIT	8.80	2	14:07	7.22	2	13:13	1.38	4.38	2	14:07	1.00	1	00:39	1.60
U-572	CONDUIT	13.80	2	15:19	8.70	2	14:11	16.61	6.86	2	15:19	1.00	0	22:42	1.60
U-573	CONDUIT	8.61	2	12:37	7.73	2	13:05	0.65	7.62	2	12:37	1.00	2	11:26	1.20
U-574	CONDUIT	7.52	2	14:19	6.46	2	14:07	0.89	6.65	2	14:19	1.00	2	11:26	1.20
U-575	CONDUIT	7.02	2	14:05	6.35	2	12:20	0.73	8.93	2	14:05	1.00	2	08:39	0.39
U-580	CONDUIT	3.03	3	03:23	2.27	3	03:33	26.31	2.68	3	03:23	1.00	1	00:37	1.20

U-583	CONDUIT	5.35	3	05:57	4.44	1	20:14	17.30	4.73	3	05:57	1.00	1	00:36	1.20
U-584	CONDUIT	3.27	3	05:00	3.04	3	04:25	29.49	2.89	3	05:00	1.00	1	00:37	1.20
U-587	CONDUIT	10.36	3	02:46	7.80	2	11:56	12.43	5.15	3	02:46	1.00	1	01:59	1.60
U-589	CONDUIT	4.56	3	03:52	3.84	3	02:24	17.55	2.27	3	03:52	1.00	1	02:38	1.60
U-59	CONDUIT	11.84	3	01:55	8.31	2	12:06	0.35	3.77	3	01:55	1.00	0	22:00	2.00
U-590	CONDUIT	4.27	3	03:38	3.91	3	03:23	34.83	3.78	3	03:38	1.00	1	00:36	1.20
U-591	CONDUIT	3.79	3	05:33	3.18	3	03:55	32.56	3.35	3	05:33	1.00	1	00:33	1.20
U-596	CONDUIT	4.01	3	03:59	3.61	3	05:28	34.03	3.55	3	03:59	1.00	1	00:35	1.20
U-599	CONDUIT	12.38	3	03:42	7.82	3	03:17	17.80	6.16	3	03:42	1.00	1	01:53	1.60
U-60	CONDUIT	4.32	2	11:38	2.67	2	11:51	10.90	1.38	2	11:38	1.00	0	21:21	2.00
U-601	CONDUIT	5.87	3	04:00	5.23	3	03:41	48.11	5.19	3	04:00	1.00	1	00:35	1.20
U-604	CONDUIT	3.16	3	00:35	2.50	3	00:36	22.31	2.80	3	00:35	1.00	1	00:35	1.20
U-608	CONDUIT	3.93	3	01:56	3.91	3	01:56	15.80	1.95	3	01:56	1.00	1	03:41	1.60
U-609	CONDUIT	8.51	2	11:47	5.12	2	11:57	16.57	2.71	2	11:47	1.00	2	05:38	2.00
U-612	CONDUIT	12.34	2	11:16	8.76	2	02:36	9.89	3.93	2	11:16	1.00	2	05:32	2.00
U-614	CONDUIT	7.42	3	01:22	6.85	3	01:22	0.58	2.36	3	01:22	1.00	1	21:11	2.00
U-616	CONDUIT	9.89	3	04:11	7.75	2	11:55	18.75	3.15	3	04:11	1.00	1	00:11	2.00
U-618	CONDUIT	12.31	2	11:53	10.77	2	11:54	30.18	6.12	2	11:53	1.00	0	22:40	1.60
U-62	CONDUIT	4.53	2	11:39	3.56	0	22:52	21.99	4.00	2	11:39	1.00	0	17:22	1.20
U-620	CONDUIT	6.93	2	15:00	6.93	2	15:00	2.12	6.13	2	15:00	1.00	0	21:28	0.47
U-621	CONDUIT	6.22	2	15:10	6.22	2	15:10	33.94	5.50	2	15:10	1.00	0	21:28	1.20
U-623	CONDUIT	8.66	2	11:53	7.79	2	11:53	19.65	2.76	2	11:53	1.00	1	00:12	2.00
U-624	CONDUIT	11.60	1	10:05	8.80	1	10:35	11.01	3.69	1	10:05	1.00	1	00:12	2.00
U-625	CONDUIT	6.92	3	04:52	4.76	3	00:44	14.76	2.20	3	04:52	1.00	1	00:12	2.00
U-628	CONDUIT	8.52	2	10:58	8.31	2	10:58	14.68	2.71	2	10:58	1.00	1	00:12	2.00
U-629	CONDUIT	13.66	3	01:23	11.22	3	00:15	6.33	1.93	3	01:23	1.00	2	05:44	3.00
U-632	CONDUIT	8.07	2	14:12	5.29	2	16:20	7.47	4.01	2	14:12	1.00	2	11:54	1.60
U-633	CONDUIT	5.82	2	17:39	3.60	2	12:19	16.71	2.90	2	17:39	1.00	2	11:54	1.60
U-637	CONDUIT	2.86	2	11:54	2.16	2	13:33	22.52	2.53	2	11:54	1.00	2	11:53	1.20
U-64	CONDUIT	7.76	2	11:53	5.44	3	03:41	20.13	6.86	2	11:53	1.00	0	22:10	1.20
U-640	CONDUIT	2.98	2	17:57	2.30	2	14:33	24.75	2.63	2	17:57	1.00	2	11:52	1.20
U-643	CONDUIT	2.89	2	17:18	2.29	2	18:07	26.42	2.55	2	17:18	1.00	2	11:52	1.20
U-646	CONDUIT	4.32	2	12:18	4.20	2	12:15	22.65	3.82	2	12:18	1.00	2	06:27	1.20
U-648	CONDUIT	6.05	2	12:30	4.20	2	12:15	26.81	5.35	2	12:30	1.00	2	06:28	1.20
U-649	CONDUIT	4.58	2	12:37	4.20	2	12:15	28.28	4.05	2	12:37	1.00	2	06:30	1.20
U-651	CONDUIT	10.22	2	13:22	8.75	2	13:03	16.54	9.04	2	13:22	1.00	2	06:31	1.20
U-652	CONDUIT	4.69	2	12:37	3.91	2	12:20	15.35	4.14	2	12:37	1.00	2	06:31	0.47
U-653	CONDUIT	3.71	2	12:19	3.00	2	12:27	29.14	3.28	2	12:19	1.00	2	06:30	1.20
U-656	CONDUIT	1.84	2	11:50	1.50	2	11:38	15.50	1.63	2	11:50	1.00	2	06:24	1.20
U-657	CONDUIT	2.23	2	13:21	1.66	2	13:15	19.84	1.97	2	13:21	1.00	2	06:22	1.20
U-659-NEW	CONDUIT	4.05	2	12:15	4.02	2	12:15	14.63	2.29	2	12:15	1.00	2	11:57	0.95
U-66	CONDUIT	4.55	3	02:18	3.76	3	02:14	37.10	4.02	3	02:18	1.00	0	22:10	1.20
U-663	CONDUIT	7.32	3	01:28	5.62	3	00:47	58.23	6.47	3	01:28	1.00	1	06:44	1.20
U-668	CONDUIT	6.25	2	12:00	5.77	2	14:15	49.77	5.59	2	14:20	1.00	1	09:06	1.20
U-671	CONDUIT	5.68	2	14:22	5.17	2	14:18	48.60	5.27	2	14:22	1.00	1	02:22	1.20
U-674	CONDUIT	5.54	2	14:22	4.46	2	14:21	19.96	3.17	2	09:47	1.00	2	11:58	1.60
U-675	CONDUIT	13.70	3	00:44	10.74	2	13:16	35.31	7.01	3	00:44	1.00	1	10:59	1.60
U-678	CONDUIT	12.72	3	01:28	11.76	3	00:45	39.00	6.33	3	01:28	1.00	1	09:04	1.60
U-68	CONDUIT	4.15	3	02:18	3.75	3	02:49	36.00	3.67	3	02:18	1.00	0	22:03	1.20
U-681	CONDUIT	33.92	3	00:44	26.07	3	05:38	52.89	16.87	3	00:44	1.00	0	22:01	1.60
U-682	CONDUIT	33.24	3	00:44	30.31	3	00:45	63.25	27.09	3	00:44	1.00	0	21:55	1.25
U-684	CONDUIT	8.03	2	11:01	6.88	2	11:01	2.57	6.54	2	11:01	1.00	0	14:41	1.25
U-685	CONDUIT	7.66	2	11:01	7.57	2	11:01	26.11	6.24	2	11:01	1.00	0	17:52	1.25
U-686	CONDUIT	5.15	3	02:58	4.80	3	02:59	34.94	4.20	3	02:58	1.00	0	18:41	1.25
U-687	CONDUIT	13.55	2	11:42	11.01	3	03:48	9.31	2.99	2	11:42	1.00	0	23:56	2.40
U-688	CONDUIT	10.40	2	11:34	7.57	3	04:00	10.02	2.30	2	11:34	1.00	0	23:57	2.40
U-690	CONDUIT	3.25	3	02:57	3.05	3	02:58	38.13	4.14	3	02:57	1.00	0	17:58	1.00
U-694	CONDUIT	2.99	2	11:29	2.84	2	11:29	34.62	3.80	2	11:29	1.00	0	17:59	1.00
U-695	CONDUIT	7.11	3	04:56	5.50	3	03:57	6.88	1.57	3	04:56	1.00	1	00:06	2.40
U-696	CONDUIT	7.73	2	10:37	5.73	3	05:40	12.73	3.84	2	10:37	1.00	0	21:26	1.60

U-70	CONDUIT	4.26	3	03:27	3.57	3	01:37	21.70	3.77	3	03:27	1.00	0	22:03	1.20
U-701	CONDUIT	8.95	2	15:15	5.64	2	11:11	0.14	2.85	2	15:15	1.00	2	04:03	2.00
U-704	CONDUIT	4.78	3	00:58	4.37	3	01:20	21.90	2.70	3	00:58	1.00	0	18:47	1.50
U-706	CONDUIT	9.45	2	11:49	5.43	3	01:20	13.82	7.70	2	11:49	1.00	0	17:37	1.25
U-707	CONDUIT	7.06	3	01:20	6.31	3	01:20	9.14	2.25	3	01:20	1.00	0	21:19	2.00
U-708	CONDUIT	11.77	3	00:40	10.25	3	00:48	23.27	3.75	3	00:40	1.00	0	21:25	2.00
U-71	CONDUIT	4.45	3	01:48	3.71	3	01:37	26.07	3.94	3	01:48	1.00	0	22:02	1.20
U-710	CONDUIT	21.76	2	13:49	16.42	2	13:48	8.66	6.93	2	13:49	1.00	0	21:25	2.00
U-711	CONDUIT	17.94	3	00:50	13.31	2	16:54	11.67	3.97	3	00:50	1.00	0	22:34	2.40
U-717	CONDUIT	23.08	3	00:45	17.72	2	17:48	14.50	5.10	3	00:45	1.00	0	19:38	2.40
U-718	CONDUIT	16.10	3	00:27	15.20	2	18:26	17.54	3.56	3	00:27	1.00	0	19:39	2.40
U-719	CONDUIT	32.47	2	17:26	26.44	2	18:34	5.75	2.81	2	17:26	1.00	1	02:47	3.83
U-720	CONDUIT	8.29	3	03:03	7.38	3	03:13	62.61	10.55	3	03:03	1.00	1	00:54	1.00
U-721-NEW	CONDUIT	14.53	2	16:09	12.14	2	14:35	28.23	7.22	2	16:09	1.00	0	20:31	1.60
U-725	CONDUIT	12.88	2	23:52	9.33	2	12:43	21.42	6.41	2	23:52	1.00	0	19:00	1.60
U-727	CONDUIT	5.40	3	01:05	5.01	3	00:57	25.86	4.78	3	01:05	1.00	2	12:03	1.20
U-729	CONDUIT	5.23	3	00:54	4.74	2	12:38	37.69	6.66	3	00:54	1.00	2	11:38	1.00
U-73	CONDUIT	5.49	3	03:26	4.85	3	02:56	23.98	4.86	3	03:26	1.00	0	22:03	1.20
U-731	CONDUIT	4.40	2	13:14	3.90	3	00:47	44.20	5.61	2	13:14	1.00	1	06:29	1.00
U-732	CONDUIT	7.79	2	03:24	4.26	3	00:55	32.77	10.20	2	13:15	1.00	1	09:42	1.00
U-734	CONDUIT	5.53	3	04:19	4.82	3	05:52	47.67	7.04	3	04:19	1.00	1	07:16	1.00
U-736	CONDUIT	6.15	3	05:52	4.58	3	05:22	51.70	7.82	3	05:52	1.00	1	09:42	1.00
U-738	CONDUIT	5.02	3	04:30	3.94	2	15:09	50.06	6.39	3	04:30	1.00	2	03:24	1.00
U-74	CONDUIT	4.68	2	11:09	3.93	2	11:54	15.94	4.13	2	11:09	1.00	0	22:02	1.20
U-740	CONDUIT	4.99	2	21:07	3.61	2	12:34	32.81	6.44	2	21:07	1.00	2	07:08	1.00
U-741	CONDUIT	2.91	2	12:24	1.82	2	12:18	28.37	3.70	2	12:24	1.00	2	11:51	1.00
U-743	CONDUIT	2.70	2	12:24	2.29	2	12:18	23.54	3.44	2	12:24	1.00	2	11:58	1.00
U-745	CONDUIT	2.68	2	12:29	2.68	2	12:29	24.04	3.44	2	15:09	1.00	2	12:00	1.00
U-747	CONDUIT	2.41	2	12:03	2.37	2	12:29	25.26	3.14	2	12:30	1.00	2	12:03	1.00
U-749	CONDUIT	2.57	2	12:32	2.27	2	12:05	24.28	3.27	2	12:32	1.00	2	12:04	1.00
U-75	CONDUIT	5.15	3	03:27	4.53	3	02:58	27.41	4.55	3	03:27	1.00	0	22:02	1.20
U-751	CONDUIT	4.20	3	04:25	2.26	2	12:06	26.73	5.39	3	04:25	1.00	2	12:06	1.00
U-753	CONDUIT	3.16	2	12:30	2.42	3	00:48	23.10	4.29	2	12:30	1.00	0	21:57	1.00
U-755	CONDUIT	11.14	2	12:05	3.97	2	12:05	60.06	9.85	2	12:05	1.00	2	11:46	1.20
U-763	CONDUIT	2.80	2	12:15	2.80	2	12:15	16.99	2.47	2	12:15	1.00	2	11:55	1.20
U-766	CONDUIT	2.80	2	12:15	2.79	2	12:15	8.47	1.39	2	12:15	1.00	2	12:11	1.60
U-769	CONDUIT	5.09	2	12:15	5.08	2	12:15	17.02	2.58	2	12:15	0.95	2	12:15	1.60
U-77	CONDUIT	5.23	3	01:50	5.05	3	01:50	34.37	4.63	3	01:50	1.00	0	22:03	1.20
U-772	CONDUIT	5.09	2	12:15	5.05	2	12:16	14.49	2.83	2	12:15	0.84	2	12:15	1.60
U-775	CONDUIT	5.74	2	12:15	5.72	2	12:16	4.06	2.53	2	12:15	0.50	2	12:15	2.40
U-778	CONDUIT	8.70	2	13:08	8.54	2	11:59	76.04	7.77	2	13:08	0.99	2	12:15	1.20
U-783	CONDUIT	3.92	2	15:02	3.29	2	15:02	22.06	3.47	2	15:02	1.00	2	09:27	1.20
U-786	CONDUIT	3.99	2	14:40	2.97	2	11:36	14.89	1.99	2	14:40	1.00	2	10:38	1.60
U-789	CONDUIT	8.20	2	13:34	6.59	2	13:35	21.33	4.08	2	13:34	1.00	2	10:37	1.60
U-792	CONDUIT	7.71	2	13:34	6.42	2	13:35	27.85	3.84	2	13:34	1.00	2	11:14	1.60
U-795	CONDUIT	16.50	2	13:15	14.51	2	13:15	6.27	3.65	2	13:15	1.00	2	11:49	2.40
U-796	CONDUIT	6.62	2	17:15	6.42	2	14:49	57.77	5.85	2	17:15	1.00	2	09:33	1.20
U-8	CONDUIT	10.84	3	01:28	7.91	3	00:45	0.46	3.45	3	01:28	1.00	1	00:10	2.00
U-801	CONDUIT	3.88	3	04:16	3.18	2	11:07	21.43	3.43	3	04:16	1.00	2	08:53	1.20
U-804	CONDUIT	3.37	2	11:37	2.85	3	04:24	12.37	1.67	2	11:37	1.00	2	09:44	1.60
U-807	CONDUIT	6.33	2	16:50	4.32	2	17:32	18.84	3.15	2	16:50	1.00	2	09:44	1.60
U-81	CONDUIT	4.83	3	02:47	4.39	3	02:48	24.38	4.27	3	02:47	1.00	0	22:01	1.20
U-810	CONDUIT	5.45	2	17:13	3.93	2	16:44	18.15	2.71	2	17:13	1.00	2	09:43	1.60
U-811	CONDUIT	17.01	2	14:55	13.57	2	11:57	12.25	5.41	2	14:55	1.00	2	10:33	2.00
U-815	CONDUIT	7.38	2	17:42	6.04	2	18:33	12.60	2.35	2	17:42	1.00	2	10:34	2.00
U-816	CONDUIT	7.31	2	17:42	5.51	2	18:40	41.11	6.46	2	17:42	1.00	2	08:50	1.20
U-82	CONDUIT	3.56	3	02:57	3.19	3	02:59	28.68	3.15	3	02:57	1.00	0	22:01	1.20
U-820	CONDUIT	6.87	2	18:09	5.64	2	18:10	35.41	6.08	2	18:09	1.00	2	06:48	1.20
U-823	CONDUIT	6.07	2	18:09	5.69	2	18:10	20.31	3.02	2	18:09	1.00	2	09:36	1.60
U-826	CONDUIT	7.10	2	17:59	6.33	2	17:42	24.39	3.53	2	17:59	1.00	2	09:35	1.60

U-829	CONDUIT	7.88	2	17:13	6.38	2	17:42	26.45	3.92	2	17:13	1.00	2	09:32	1.60
U-83	CONDUIT	3.90	3	00:18	3.65	3	02:34	26.09	3.45	3	00:18	1.00	0	22:01	1.20
U-832	CONDUIT	12.24	2	18:35	6.92	2	20:19	13.73	6.09	2	18:35	1.00	2	09:32	1.60
U-833	CONDUIT	8.08	2	11:31	5.74	2	18:47	6.56	2.15	1	14:09	1.00	2	11:17	2.40
U-834-EAC	CONDUIT	19.78	1	14:30	11.42	2	06:07	5.05	2.80	1	14:30	1.00	1	07:52	3.00
U-835	CONDUIT	13.87	3	01:51	13.34	3	01:25	1.32	4.42	3	01:51	1.00	1	00:21	2.00
U-837	CONDUIT	19.29	2	14:31	15.05	2	18:23	1.87	6.14	2	14:31	1.00	1	00:22	2.00
U-838	CONDUIT	18.07	2	13:51	16.53	2	13:52	18.54	5.75	2	13:51	1.00	0	19:50	2.00
U-839	CONDUIT	11.16	2	13:53	11.03	2	13:53	17.01	3.55	2	13:53	1.00	0	19:50	2.00
U-840	CONDUIT	10.45	2	14:33	9.81	2	12:07	14.58	3.33	2	14:33	1.00	0	19:50	2.00
U-841	CONDUIT	18.17	3	03:01	11.67	2	21:39	7.29	4.02	3	03:01	1.00	0	20:23	2.40
U-842	CONDUIT	7.38	2	16:50	7.08	3	00:28	35.68	6.02	2	16:50	1.00	0	17:28	1.25
U-846	CONDUIT	5.03	3	01:40	4.80	3	01:48	1.88	4.48	3	01:40	1.00	2	11:30	1.25
U-847	CONDUIT	8.30	2	11:46	7.81	2	11:46	1.56	6.76	2	11:46	1.00	2	11:32	1.25
U-848	CONDUIT	6.79	2	11:37	5.81	3	01:06	48.90	6.17	2	11:37	1.00	0	21:59	1.20
U-851	CONDUIT	2.63	2	11:34	2.40	2	11:56	23.13	2.33	2	11:34	1.00	1	00:37	1.20
U-852	CONDUIT	3.54	2	11:55	2.52	2	11:57	21.51	3.13	2	11:55	1.00	1	00:37	1.20
U-854	CONDUIT	4.94	3	05:09	3.08	3	04:27	10.21	2.46	3	05:09	1.00	1	03:46	1.60
U-856	CONDUIT	5.77	3	04:27	4.49	2	11:16	8.85	2.87	3	04:27	1.00	1	03:48	1.60
U-858	CONDUIT	4.46	3	05:15	2.69	3	04:54	13.16	2.22	3	05:15	1.00	1	03:48	1.60
U-860	CONDUIT	3.02	2	13:14	3.02	2	13:14	12.18	1.50	2	13:14	1.00	1	03:55	1.60
U-863	CONDUIT	4.47	3	05:06	3.25	2	11:11	14.56	2.53	3	05:06	1.00	1	01:12	1.50
U-864	CONDUIT	36.16	3	01:47	28.62	2	22:19	2.02	7.99	3	01:47	1.00	1	00:10	2.40
U-865	CONDUIT	11.77	2	11:57	9.38	2	11:58	0.66	2.60	2	11:57	1.00	1	00:10	2.40
U-866	CONDUIT	6.09	3	05:26	5.11	2	12:01	34.69	5.39	3	05:26	1.00	0	18:41	1.20
U-867	CONDUIT	3.46	2	12:15	3.46	2	12:15	1.51	4.41	2	12:15	1.00	0	13:16	0.39
U-868	CONDUIT	6.19	2	12:15	6.18	2	12:15	1.90	5.47	2	12:15	1.00	0	14:01	0.47
U-869	CONDUIT	0.00	0	00:00	0.00	0	00:00	0.00	0.00	0	00:00	0.50	0	00:00	1.20
U-871	CONDUIT	9.83	2	12:02	6.74	2	13:13	1.29	4.89	2	12:02	1.00	0	16:05	1.19
U-872	CONDUIT	13.46	2	13:16	7.67	2	18:46	5.92	2.97	2	13:16	1.00	0	17:23	2.40
U-874-NEW	CONDUIT	3.39	2	14:24	3.20	2	12:27	10.78	3.00	2	14:24	1.00	2	11:56	1.20
U-875	CONDUIT	13.17	2	20:38	13.00	2	20:47	1.21	6.55	2	20:38	1.00	1	05:48	1.60
U-878	CONDUIT	9.49	2	19:07	6.74	2	19:33	33.02	4.76	2	19:07	1.00	1	03:50	1.60
U-879	CONDUIT	9.66	2	17:20	7.92	2	15:54	34.63	4.81	2	17:20	1.00	1	04:45	1.60
U-88	CONDUIT	6.23	2	21:56	6.13	2	21:56	20.32	4.47	2	21:56	1.00	0	22:21	1.33
U-880	CONDUIT	34.76	2	09:26	18.44	3	05:41	0.92	8.27	2	09:26	1.00	1	05:10	2.40
U-885	CONDUIT	15.81	2	08:35	14.61	2	21:56	21.98	7.87	2	08:35	1.00	1	00:21	1.60
U-90	CONDUIT	6.79	2	16:02	5.86	2	16:05	28.36	4.86	2	16:02	1.00	0	22:21	1.33
U-91	CONDUIT	5.37	3	00:41	4.37	2	11:30	31.14	4.75	3	00:41	1.00	0	22:00	1.20
U-92	CONDUIT	13.60	2	12:18	9.59	2	14:17	12.56	4.33	2	12:18	1.00	2	07:40	2.00
U-96	CONDUIT	6.72	2	14:00	6.23	2	14:00	31.49	4.82	2	14:00	1.00	0	22:21	1.33
U-97	CONDUIT	6.09	2	17:22	5.76	2	16:51	38.50	5.38	2	17:22	1.00	0	22:01	1.20
U-98	CONDUIT	11.11	2	13:27	10.77	2	13:27	17.79	9.82	2	13:27	1.00	0	22:02	1.20
U-99	CONDUIT	7.21	2	14:24	6.11	2	14:57	33.10	5.17	2	14:24	1.00	0	22:20	1.33
PS-HC1-LAG	PUMP	8.00	0	19:10	8.00	0	19:11	1.00							
PS-HC1-LEAD	PUMP	8.00	0	19:10	8.00	0	19:11	1.00							
W-WELL3D-NEW	WEIR	247.35	2	12:21	117.99	2	15:52					1.00	2	11:55	
W-WELL4-11-NEW	WEIR	6.43	2	14:12	2.42	2	12:33					0.20	2	14:12	
W-WELL6A-NEW	WEIR	36.61	2	12:28	5.87	2	12:21					0.81	2	12:28	
W-WELL6D-NEW	WEIR	0.00	0	00:00	0.00	0	00:00					0.00	0	00:00	
W-WELL7D-NEW	WEIR	50.69	2	12:38	32.15	2	14:25					1.00	2	12:17	
W1-10-NEW	WEIR	7.60	2	12:15	7.58	2	12:16					0.36	2	21:02	
W1-26-NEW	WEIR	118.99	2	18:22	67.49	2	13:30					1.00	2	11:53	
W3-56-NEW	WEIR	65.28	2	11:55	29.60	2	11:56					1.00	2	10:58	
W5-2-NEW	WEIR	4.03	2	12:15	4.03	2	12:15					0.09	2	12:15	
W6A-26-NEW	WEIR	71.22	2	17:53	53.56	2	16:57					1.00	2	11:53	
WA-10	WEIR	58.87	2	16:55	41.65	2	14:34					1.00	2	11:53	
WA-4-NEW	WEIR	122.80	2	11:35	58.86	2	12:10					1.00	1	14:53	
WEIR-11	WEIR	3.18	2	12:52	3.18	2	12:53					0.17	2	15:45	
WEIR-13	WEIR	3.49	2	13:37	3.49	2	13:38					0.14	2	13:55	

WEIR-15	WEIR	6.05	3	02:16	3.28	2	12:43	0.23	3	02:16
WEIR-17	WEIR	60.97	3	01:46	34.59	3	00:55	1.00	2	17:35
WEIR-19	WEIR	5.36	2	17:28	4.31	2	18:51	0.37	2	18:26
WEIR-21	WEIR	4.04	2	14:15	3.26	2	14:33	0.23	2	14:15
WEIR-23	WEIR	0.76	2	13:32	0.76	2	13:33	0.05	2	13:18
WEIR-25	WEIR	1.17	2	13:00	1.17	2	13:00	0.09	2	18:04
WEIR-27	WEIR	0.30	2	18:30	0.06	2	16:13	0.04	2	18:30
WEIR-29	WEIR	0.07	2	18:30	0.00	0	00:00	0.02	2	18:30
WEIR-3	WEIR	9.50	3	05:28	3.48	2	14:25	0.27	3	05:28
WEIR-31	WEIR	2.67	2	14:07	2.67	2	14:12	0.15	2	14:30
WEIR-33	WEIR	10.02	2	23:43	3.86	2	23:43	0.31	2	23:43
WEIR-35	WEIR	4.32	3	00:37	1.71	3	00:37	0.20	3	00:37
WEIR-37	WEIR	6.76	2	14:51	5.16	2	15:34	0.26	2	18:08
WEIR-39	WEIR	9.65	2	18:08	5.59	2	18:08	0.33	2	18:08
WEIR-41	WEIR	4.06	2	20:38	1.93	2	12:34	0.20	2	20:38
WEIR-43	WEIR	0.57	2	21:01	0.50	2	14:27	0.06	2	21:01
WEIR-45	WEIR	2.51	2	11:51	1.19	2	12:29	0.15	2	21:27
WEIR-47	WEIR	7.97	2	16:42	6.92	2	22:05	0.30	2	14:09
WEIR-49	WEIR	6.57	3	02:35	4.59	2	12:15	0.33	2	16:46
WEIR-5	WEIR	3.60	2	16:18	3.25	2	14:25	0.25	2	14:29
WEIR-51	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-53	WEIR	50.34	3	02:04	26.24	3	03:51	1.00	2	10:52
WEIR-55	WEIR	0.00	3	01:54	0.00	0	00:00	0.00	3	01:54
WEIR-57	WEIR	7.82	3	01:15	5.09	3	01:14	0.34	3	01:15
WEIR-59	WEIR	3.92	2	14:25	2.74	2	14:51	0.27	2	14:29
WEIR-61	WEIR	2.24	2	11:51	2.07	2	12:45	0.12	2	15:07
WEIR-63	WEIR	11.97	2	16:19	6.81	2	18:51	1.00	2	10:16
WEIR-65	WEIR	0.92	2	12:53	0.90	2	12:54	0.08	3	01:05
WEIR-67	WEIR	16.98	2	12:54	13.11	2	12:03	0.63	2	12:29
WEIR-69	WEIR	6.82	3	00:04	4.98	2	14:25	0.32	2	13:16
WEIR-7	WEIR	4.52	2	13:28	3.83	2	14:25	0.25	2	14:24
WEIR-71	WEIR	1.22	2	15:06	1.22	2	15:06	0.08	2	14:37
WEIR-73	WEIR	0.44	2	13:54	0.44	2	13:54	0.03	2	13:54
WEIR-75	WEIR	0.58	2	12:51	0.58	2	12:52	0.23	2	12:55
WEIR-77	WEIR	4.92	2	16:19	4.55	2	16:49	0.31	2	14:22
WEIR-79	WEIR	3.85	2	21:36	3.03	2	16:56	0.20	2	18:23
WEIR-81	WEIR	3.31	3	00:19	1.23	2	11:58	0.20	3	00:19
WEIR-83	WEIR	5.17	2	20:48	2.97	2	18:51	0.31	2	18:45
WEIR-85	WEIR	7.83	2	22:20	3.15	2	23:16	0.40	2	18:34
WEIR-87	WEIR	8.00	2	22:20	5.00	2	18:51	0.40	2	18:34
WEIR-9	WEIR	14.33	3	01:36	9.31	3	02:02	0.57	2	12:36
WEIR-J-748	WEIR	50.62	2	10:25	31.09	2	09:36	1.00	1	01:18
WEIR-J-754-STANTECT	WEIR	93.98	2	11:54	53.95	3	04:40	1.00	1	01:18
WEIR-J-799-EAC	WEIR	2.13	3	04:14	2.13	3	03:24	1.00	1	07:52
CDT-19	DUMMY	4.62	2	10:01	4.62	2	11:14			
CDT-21	DUMMY	2.84	2	07:47	2.84	2	11:27			
CDT-23	DUMMY	1.41	1	04:57	1.41	2	09:15			
CDT-25	DUMMY	3.85	2	05:01	3.85	2	10:54			
CDT-27	DUMMY	2.06	2	03:09	2.06	2	10:17			
CDT-29	DUMMY	1.44	0	22:31	1.44	2	08:58			
CDT-31	DUMMY	2.27	0	20:22	2.27	1	18:41			
CDT-33	DUMMY	1.95	2	11:55	1.95	2	11:56			
CDT-35	DUMMY	0.00	0	00:00	0.00	0	00:00			
CDT-37	DUMMY	3.79	1	10:52	3.80	2	11:17			
CDT-39	DUMMY	2.27	1	09:08	2.27	2	07:29			
CDT-41	DUMMY	1.90	2	07:10	1.90	2	07:25			
CDT-43	DUMMY	0.63	2	06:08	0.63	2	09:49			
CDT-45	DUMMY	1.21	1	02:00	1.21	2	04:24			
CDT-47	DUMMY	1.28	2	11:52	1.28	2	11:53			
CDT-49	DUMMY	1.28	2	11:16	1.28	2	11:37			

CDT-51	DUMMY	1.28	2	11:49	1.28	2	11:50
CDT-53	DUMMY	3.30	2	11:31	3.30	2	11:42
CDT-55	DUMMY	1.90	1	22:53	1.90	2	11:46
CDT-57	DUMMY	1.28	0	21:50	1.28	1	06:56
CDT-59	DUMMY	2.84	2	09:10	2.84	2	12:04
CDT-61	DUMMY	1.28	0	21:55	1.28	0	21:58
CDT-63	DUMMY	2.84	1	13:29	2.84	2	10:54
J33A_OUTFALL	DUMMY	2.82	1	23:33	2.82	2	10:48
J567_OUTFALL	DUMMY	2.82	2	11:50	2.82	2	11:51
U-331	DUMMY	1.70	1	05:59	1.70	2	10:48
W-ENID-DRIVE	DUMMY	3.79	1	08:21	3.80	1	10:24
WELL-W-MCINTYRE	DUMMY	3.79	2	09:04	3.80	2	10:28

Flow Classification Summary

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C-WELL3W	1.25	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C-WELL4E	1.41	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-101	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-103	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-105	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-107	2.11	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
CDT-109	2.11	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.01	0.00
CDT-11	1.00	0.02	0.04	0.00	0.94	0.00	0.00	0.00	0.00	0.00
CDT-111	2.11	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
CDT-113	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-115	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-121	70.04	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-123	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-125	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-171	1.00	0.02	0.07	0.00	0.91	0.00	0.00	0.00	0.00	0.00
CDT-173	5.03	0.13	0.00	0.00	0.85	0.00	0.01	0.01	0.00	0.00
CDT-175	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-177	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-179	22.55	0.00	0.12	0.00	0.88	0.00	0.00	0.00	0.00	0.00
CDT-181	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-183	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-185	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-187	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-189	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-191	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-193	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-195	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-197	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-199	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-201	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-205	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-207	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-209	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-211	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-213	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-215	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-217	15.62	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.00	0.00
CDT-219	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-221	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-223	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-225	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-227	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-229	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-231	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-233	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-235	5.03	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.00	0.00
CDT-237	21.76	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.23	0.00
CDT-239	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-241	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-243	21.76	0.00	0.06	0.00	0.93	0.00	0.00	0.00	0.00	0.00
CDT-245	21.76	0.00	0.06	0.00	0.93	0.00	0.00	0.00	0.00	0.00
CDT-247	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-249	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-251	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-253	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-255	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-257	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-259	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
CDT-261	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-263	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-265	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-267	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-269	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-271	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-273	5.03	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-275	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-277	5.03	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.01	0.00
CDT-279	5.03	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-281	5.03	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.01	0.00
CDT-283	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-285	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

CDT-287	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-289	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-291	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-293	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-295	5.03	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
CDT-297	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-299	3.52	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
CDT-439	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-493	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-495	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
CDT-525	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-539	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.15	0.00
CDT-87	14.60	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
CDT-91	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-93	2.11	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.00
CDT-95	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-97	2.11	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-99	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J-963_OUTFALL	1.45	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J561_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J575_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J920_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
LINK-WELL-2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
U-1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-102	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-104	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-105	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-11	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-113	1.00	0.04	0.00	0.00	0.90	0.00	0.00	0.06	0.00	0.00
U-114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-118	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-122	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-125	1.00	0.05	0.00	0.00	0.89	0.00	0.00	0.06	0.00	0.00
U-129	1.00	0.00	0.00	0.00	0.95	0.00	0.05	0.00	0.00	0.00
U-13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-141	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.18
U-150	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-153	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-155	1.34	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-161	1.00	0.03	0.00	0.00	0.84	0.00	0.00	0.12	0.00	0.02
U-165	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-167	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-17	1.62	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.23
U-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-172	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-176	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-177	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-181	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-184	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
U-186	1.00	0.02	0.00	0.00	0.51	0.00	0.00	0.47	0.00	0.03
U-191	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-193	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-195	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-197	1.18	0.01	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-199	1.00	0.02	0.00	0.00	0.86	0.00	0.00	0.12	0.00	0.04
U-20	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-200	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.01
U-201	1.00	0.03	0.00	0.00	0.79	0.00	0.00	0.19	0.00	0.05
U-202	1.00	0.03	0.00	0.00	0.87	0.00	0.01	0.09	0.00	0.04
U-203	1.00	0.00	0.00	0.00	0.97	0.00	0.02	0.00	0.00	0.00
U-204	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-206	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-207	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-208	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-211	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-213	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-214	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-220	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-221	1.57	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-227	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-228	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-231	1.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-232	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.14
U-233	1.00	0.02	0.00	0.00	0.92	0.00	0.00	0.06	0.00	0.00
U-237	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-239	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-240	1.00	0.00	0.00	0.00	0.96	0.00	0.00	0.04	0.00	0.00
U-242	1.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-244	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-245	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-249	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-25	1.78	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-253	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-254	1.00	0.03	0.00	0.00	0.96	0.00	0.01	0.01	0.00	0.00
U-256	2.69	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.00
U-259	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-260	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-261	1.00	0.06	0.00	0.00	0.25	0.00	0.00	0.69	0.00	0.16
U-262-NEW	1.40	0.76	0.00	0.00	0.09	0.00	0.00	0.14	0.01	0.00
U-263	1.00	0.00	0.37	0.00	0.24	0.00	0.39	0.00	0.00	0.17
U-265	2.65	0.00	0.06	0.00	0.92	0.00	0.01	0.00	0.00	0.31
U-267	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-270	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-271	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-274	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-277	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-280	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-286	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-289	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-290	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-291	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-293	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-294	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-295	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-298	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-299	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-300	1.02	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-304	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-309	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-312	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-315	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-316	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-319	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-322	1.00	0.01	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-325	1.00	0.02	0.00	0.00	0.95	0.00	0.00	0.03	0.00	0.00
U-327	1.00	0.04	0.00	0.00	0.23	0.00	0.00	0.73	0.00	0.00
U-328	1.00	0.03	0.00	0.00	0.94	0.00	0.00	0.03	0.00	0.00
U-330	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-332	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.05
U-335	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-337	1.13	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.14
U-34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-344	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-345	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.18
U-346	1.01	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-347	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-348	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-35	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-351	1.00	0.00	0.00	0.00	0.97	0.00	0.02	0.00	0.00	0.00
U-352	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-353	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-354	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-357	1.00	0.01	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-358	1.00	0.00	0.00	0.00	0.66	0.00	0.01	0.33	0.00	0.17
U-364	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-364A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-366	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-37	1.35	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-372	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-373	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-376	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.11
U-379	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-38	1.59	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-382	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-385	1.00	0.01	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-386	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-388	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-390	1.00	0.03	0.00	0.00	0.96	0.00	0.02	0.00	0.00	0.00
U-391	1.00	0.03	0.01	0.00	0.97	0.00	0.00	0.00	0.00	0.04
U-392	1.79	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-394	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.07
U-397	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-398	1.00	0.00	0.00	0.00	0.95	0.00	0.05	0.00	0.00	0.00
U-399	1.00	0.00	0.00	0.00	0.86	0.00	0.00	0.13	0.00	0.00
U-402	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-404	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-406	1.00	0.01	0.00	0.00	0.95	0.00	0.04	0.00	0.00	0.00
U-407	1.00	0.03	0.00	0.00	0.94	0.00	0.00	0.03	0.00	0.02
U-408	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.00
U-409	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-411	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-412	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-413	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-414	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-415	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-417	1.00	0.14	0.00	0.00	0.83	0.00	0.02	0.01	0.00	0.00
U-418	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-419	1.55	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-421	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-428	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-430	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-434	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-437	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-439	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-44	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.06
U-440	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.00	0.08
U-441	1.00	0.05	0.00	0.00	0.74	0.00	0.00	0.21	0.00	0.01
U-443	1.00	0.03	0.00	0.00	0.49	0.00	0.00	0.49	0.00	0.14
U-445	1.00	0.02	0.00	0.00	0.94	0.00	0.00	0.03	0.00	0.10
U-447	2.20	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.01
U-448	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.06
U-449	1.00	0.02	0.00	0.00	0.92	0.00	0.00	0.05	0.00	0.09
U-45	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.03
U-450	1.00	0.03	0.00	0.00	0.79	0.00	0.00	0.18	0.00	0.18
U-451	1.00	0.03	0.00	0.00	0.89	0.00	0.01	0.07	0.00	0.18
U-452	1.00	0.03	0.00	0.00	0.92	0.00	0.00	0.05	0.00	0.03
U-454	1.00	0.03	0.00	0.00	0.77	0.00	0.02	0.17	0.00	0.30
U-456	1.62	0.03	0.01	0.00	0.57	0.00	0.01	0.38	0.00	0.30
U-463	1.00	0.05	0.08	0.00	0.42	0.00	0.09	0.36	0.00	0.42
U-464	1.00	0.02	0.02	0.00	0.90	0.00	0.00	0.05	0.00	0.02
U-466	1.00	0.00	0.10	0.00	0.89	0.00	0.00	0.00	0.00	0.02
U-468	2.01	0.00	0.34	0.00	0.65	0.00	0.01	0.00	0.00	0.22
U-468-NEW	1.00	0.19	0.00	0.00	0.62	0.00	0.00	0.19	0.00	0.00
U-469	1.32	0.00	0.00	0.00	0.98	0.00	0.00	0.02	0.00	0.26
U-47	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.02
U-48	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-483	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-486	1.00	0.08	0.00	0.00	0.86	0.00	0.00	0.06	0.00	0.00
U-489	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.47
U-492	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-495	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.17
U-496	1.00	0.02	0.00	0.00	0.73	0.00	0.04	0.21	0.00	0.08
U-497	1.00	0.05	0.00	0.00	0.20	0.00	0.00	0.76	0.00	0.49
U-498	1.00	0.06	0.00	0.00	0.04	0.00	0.01	0.89	0.00	0.49
U-5	2.12	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.10
U-50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-500	3.06	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-501	1.00	0.06	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00
U-502	1.29	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-503	1.00	0.04	0.00	0.00	0.95	0.00	0.01	0.00	0.00	0.31
U-507	1.00	0.04	0.00	0.00	0.60	0.00	0.00	0.36	0.00	0.05

U-509	1.00	0.00	0.13	0.00	0.87	0.00	0.00	0.00	0.00	0.09
U-513	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00
U-514	1.00	0.10	0.03	0.00	0.71	0.00	0.11	0.05	0.00	0.02
U-518-NEW	1.00	0.06	0.00	0.00	0.93	0.00	0.01	0.00	0.00	0.00
U-519-NEW	1.00	0.07	0.03	0.00	0.90	0.00	0.01	0.00	0.00	0.00
U-522	1.00	0.67	0.00	0.00	0.13	0.00	0.00	0.20	0.00	0.19
U-523	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
U-524-NEW	3.72	0.80	0.00	0.00	0.19	0.00	0.00	0.01	0.00	0.00
U-525	1.00	0.81	0.00	0.00	0.16	0.00	0.00	0.03	0.00	0.01
U-526	1.00	0.81	0.00	0.00	0.11	0.00	0.08	0.00	0.00	0.00
U-527	1.00	0.81	0.00	0.00	0.11	0.00	0.08	0.00	0.00	0.00
U-53	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-530	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.23
U-531	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-533	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-534-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-537	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.16
U-538	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.00	0.00
U-54	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.16
U-545	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-547	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-548	13.18	0.00	0.15	0.00	0.82	0.00	0.03	0.00	0.00	0.18
U-549	13.50	0.10	0.05	0.00	0.84	0.00	0.00	0.00	0.00	0.39
U-55	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-550	1.00	0.06	0.04	0.00	0.90	0.00	0.00	0.00	0.00	0.00
U-555	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.00	0.00
U-557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-559	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-56	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-562	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-565	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-568	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-569	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-570	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.09
U-572	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-573	1.03	0.00	0.16	0.00	0.73	0.00	0.11	0.00	0.00	0.38
U-574	1.43	0.16	0.01	0.00	0.66	0.00	0.10	0.07	0.00	0.31
U-575	1.93	0.00	0.00	0.00	0.77	0.00	0.23	0.00	0.00	0.00
U-580	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-583	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-584	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-587	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-589	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-59	3.20	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.15
U-590	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-591	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-596	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-599	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-60	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-601	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-604	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-608	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-609	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-612	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-614	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.24
U-616	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-618	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-620	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-621	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-623	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-625	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-628	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-629	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-632	1.97	0.00	0.00	0.00	0.95	0.04	0.00	0.00	0.00	0.63
U-633	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-637	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-64	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-640	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-643	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-646	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-648	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-649	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-651	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-652	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-653	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-656	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-657	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-659-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-66	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-663	1.00	0.04	0.00	0.00	0.88	0.00	0.00	0.08	0.00	0.00
U-668	1.00	0.03	0.00	0.00	0.47	0.00	0.00	0.50	0.00	0.00
U-671	1.00	0.03	0.00	0.00	0.43	0.00	0.00	0.54	0.00	0.00
U-674	1.00	0.03	0.00	0.00	0.34	0.00	0.00	0.63	0.00	0.00
U-675	1.00	0.03	0.00	0.00	0.65	0.00	0.01	0.30	0.00	0.02
U-678	1.00	0.03	0.00	0.00	0.42	0.00	0.00	0.54	0.00	0.03
U-68	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-681	1.00	0.06	0.00	0.00	0.73	0.02	0.05	0.14	0.00	0.07
U-682	1.53	0.07	0.00	0.00	0.12	0.01	0.02	0.79	0.00	0.57
U-684	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-685	1.00	0.03	0.00	0.00	0.96	0.00	0.01	0.00	0.00	0.00
U-686	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.00	0.00
U-687	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-688	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-690	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-694	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-695	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-696	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-70	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-701	3.71	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.00	0.08
U-704	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-706	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-707	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-708	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-71	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-710	3.71	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-711	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-717	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-718	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-719	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-720	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00
U-721-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-725	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-727	1.00	0.06	0.00	0.00	0.68	0.00	0.02	0.24	0.00	0.02
U-729	1.00	0.06	0.00	0.00	0.57	0.00	0.00	0.37	0.00	0.11
U-73	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-731	1.00	0.05	0.00	0.00	0.88	0.00	0.00	0.07	0.00	0.00
U-732	1.00	0.05	0.00	0.00	0.65	0.00	0.00	0.29	0.00	0.17
U-734	1.00	0.05	0.00	0.00	0.91	0.00	0.00	0.05	0.00	0.00
U-736	1.00	0.03	0.00	0.00	0.48	0.00	0.00	0.48	0.00	0.01
U-738	1.00	0.03	0.00	0.00	0.53	0.00	0.01	0.43	0.00	0.00
U-74	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-740	1.00	0.04	0.00	0.00	0.88	0.00	0.00	0.07	0.00	0.00
U-741	1.00	0.04	0.00	0.00	0.73	0.00	0.00	0.24	0.00	0.00
U-743	1.00	0.03	0.00	0.00	0.34	0.00	0.00	0.63	0.00	0.01
U-745	1.00	0.03	0.00	0.00	0.90	0.00	0.00	0.08	0.00	0.00
U-747	1.00	0.04	0.00	0.00	0.78	0.00	0.00	0.19	0.00	0.00
U-749	1.00	0.05	0.00	0.00	0.77	0.00	0.00	0.18	0.00	0.00
U-75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-751	1.00	0.05	0.00	0.00	0.90	0.00	0.00	0.05	0.00	0.00
U-753	1.00	0.05	0.00	0.00	0.78	0.00	0.00	0.17	0.00	0.05
U-755	1.00	0.04	0.00	0.00	0.86	0.00	0.00	0.10	0.00	0.00
U-763	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-766	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-769	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-77	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-772	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-775	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-778	1.00	0.00	0.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00
U-783	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-786	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-789	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-792	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-795	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-796	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-8	3.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.00	0.06
U-801	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-804	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-807	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-810	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-811	1.09	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-815	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-816	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-820	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-823	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-826	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-829	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-83	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-832	1.33	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-833	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-834-EAC	1.22	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-835	1.00	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.00	0.07
U-837	1.21	0.00	0.02	0.00	0.93	0.00	0.04	0.00	0.00	0.00
U-838	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-839	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-840	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-841	1.46	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-842	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-846	1.00	0.06	0.00	0.00	0.64	0.00	0.00	0.30	0.00	0.43
U-847	1.02	0.06	0.00	0.00	0.13	0.00	0.80	0.00	0.00	0.00
U-848	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-851	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-852	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-854	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-856	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-858	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-860	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-863	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-864	1.14	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.04
U-865	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.18
U-866	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-867	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-868	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-869	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-871	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-872	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-874-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-875	1.00	0.03	0.02	0.00	0.95	0.00	0.00	0.00	0.00	0.07
U-878	1.00	0.03	0.00	0.00	0.91	0.00	0.00	0.06	0.00	0.01
U-879	1.00	0.03	0.00	0.00	0.50	0.00	0.00	0.46	0.00	0.04
U-88	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-880	1.42	0.04	0.00	0.00	0.82	0.00	0.00	0.14	0.00	0.08
U-885	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-90	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-91	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-92	1.00	0.00	0.00	0.00	0.94	0.00	0.05	0.00	0.00	0.00
U-96	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-97	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-98	2.68	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-99	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
C-WELL3W	77.99	77.99	78.00	0.00	0.00
C-WELL4E	0.00	0.00	0.50	0.00	0.00
CDT-101	17.36	17.37	17.39	1.04	6.09
CDT-103	17.17	17.27	17.37	0.08	0.74
CDT-105	17.06	17.11	17.18	0.07	0.64
CDT-107	19.27	19.47	19.95	0.61	1.77
CDT-109	19.65	19.91	19.98	2.46	2.52
CDT-11	55.09	55.09	58.60	6.08	11.16
CDT-111	20.16	20.31	20.63	1.03	3.73
CDT-113	16.25	16.33	16.27	0.06	0.87
CDT-115	19.31	19.39	19.33	0.07	6.25
CDT-121	18.60	18.87	76.93	0.00	0.11
CDT-123	45.55	45.55	45.58	9.94	11.53
CDT-125	43.14	43.15	43.14	0.05	4.68
CDT-171	20.34	20.35	25.09	0.00	0.02
CDT-173	10.10	10.18	10.13	0.09	3.76
CDT-175	5.99	6.40	6.18	0.00	1.58
CDT-177	5.99	6.40	6.18	0.00	1.24
CDT-179	2.60	2.60	4.35	0.00	0.00
CDT-181	0.16	0.21	0.21	0.00	0.05
CDT-183	12.65	12.74	12.69	0.02	3.67
CDT-185	0.16	0.21	0.21	0.00	0.05
CDT-187	29.04	29.09	29.07	0.01	12.88
CDT-189	29.04	29.07	29.09	0.01	12.40
CDT-191	4.24	4.50	4.35	0.00	0.97

CDT-193	19.28	19.53	20.12	0.12	3.62
CDT-195	32.50	32.58	32.57	0.00	4.01
CDT-197	16.41	16.50	16.57	0.06	7.71
CDT-199	15.88	15.95	15.90	0.08	6.88
CDT-201	15.93	16.03	15.95	0.02	4.64
CDT-205	16.48	16.54	16.61	0.03	5.15
CDT-207	13.88	13.97	14.09	0.20	5.10
CDT-209	17.28	17.33	17.32	0.09	6.68
CDT-211	17.28	17.32	17.33	0.06	7.27
CDT-213	16.19	16.82	16.49	0.08	6.04
CDT-215	15.93	16.09	16.27	0.03	4.86
CDT-217	15.94	15.96	17.32	0.00	0.67
CDT-219	16.04	16.04	16.04	0.00	1.85
CDT-221	12.13	12.18	12.15	0.01	1.74
CDT-223	16.18	16.19	16.18	0.02	3.90
CDT-225	12.34	12.38	12.35	0.01	2.30
CDT-227	17.37	17.41	17.60	0.29	9.44
CDT-229	18.13	18.17	18.14	0.01	8.54
CDT-231	18.13	18.14	18.17	0.01	8.78
CDT-233	18.24	18.39	18.29	0.02	0.82
CDT-235	16.85	17.41	17.00	1.03	8.58
CDT-237	17.03	17.04	20.59	0.00	4.38
CDT-239	20.73	20.77	20.73	0.01	1.38
CDT-241	18.13	18.17	18.14	0.01	6.55
CDT-243	18.60	18.61	20.74	0.00	0.02
CDT-245	18.60	18.61	20.74	0.00	0.02
CDT-247	17.93	17.98	18.14	0.07	9.09
CDT-249	18.34	18.38	18.35	0.00	7.76
CDT-251	12.50	12.59	12.54	0.00	2.83
CDT-253	16.70	16.76	16.72	0.02	3.28
CDT-255	20.73	20.77	20.73	0.11	6.63
CDT-257	20.73	20.77	20.73	0.20	3.74
CDT-259	16.19	16.22	16.27	0.28	7.78
CDT-261	16.57	16.63	16.60	0.20	7.99
CDT-263	13.93	14.07	13.97	0.06	3.65
CDT-265	3.41	3.61	3.99	0.13	0.98
CDT-267	3.41	3.61	3.99	0.14	1.29
CDT-269	2.34	2.34	2.34	0.00	0.74
CDT-271	15.75	15.79	15.77	0.02	5.78
CDT-273	18.93	19.15	19.37	0.02	8.66
CDT-275	16.13	16.14	16.18	0.01	1.09
CDT-277	15.82	15.85	15.83	0.00	2.29
CDT-279	18.93	19.15	19.37	0.02	7.49
CDT-281	15.82	15.85	15.83	0.00	2.36
CDT-283	16.24	16.27	16.30	0.00	6.74
CDT-285	15.85	15.86	15.85	0.01	4.81
CDT-287	15.86	15.87	15.88	0.03	5.72
CDT-289	15.37	15.39	15.40	0.07	6.45
CDT-291	24.96	25.09	25.23	0.08	7.70
CDT-293	15.49	15.53	15.61	0.42	8.68
CDT-295	18.35	18.40	18.70	0.04	9.84
CDT-297	18.29	18.31	18.41	0.01	8.06
CDT-299	52.87	52.93	53.52	3.90	24.49
CDT-439	41.66	48.60	43.43	41.52	20.09
CDT-493	43.72	45.30	44.55	42.07	22.97
CDT-495	41.92	44.55	43.01	38.23	22.80
CDT-525	52.38	52.38	52.38	1.84	21.59
CDT-539	7.66	7.66	37.64	0.05	2.06
CDT-87	0.00	0.00	0.00	0.16	0.00
CDT-91	60.46	60.46	60.46	0.00	5.61
CDT-93	22.32	22.89	23.90	5.40	8.68
CDT-95	15.79	15.81	15.83	0.09	6.30
CDT-97	15.74	15.77	15.80	0.10	6.23
CDT-99	21.64	22.32	21.83	0.32	7.80
J-963_OUTFALL	78.00	78.00	78.00	3.69	15.61
J561_OUTFALL	51.54	51.54	78.00	13.26	10.90
J575_OUTFALL	77.99	77.99	78.00	2.45	3.83
J920_OUTFALL	51.45	51.45	78.00	0.00	2.22
LINK-WELL-2	32.22	32.22	77.99	22.97	18.91
U-1	52.12	54.09	52.15	28.21	32.55
U-100	40.35	43.53	46.43	15.93	21.07
U-101	39.67	44.06	44.97	25.50	19.84
U-102	43.61	46.42	48.15	17.24	21.88
U-103	44.01	44.96	51.56	28.70	21.48
U-104	57.36	57.36	57.36	23.55	24.58
U-105	20.22	20.68	23.27	19.56	10.80
U-106	18.84	18.84	78.00	3.38	8.16
U-11	53.59	53.79	53.60	12.89	28.49
U-110	55.88	56.11	56.66	40.53	19.27
U-112	53.37	53.46	56.65	17.01	23.51

U-113	55.61	58.04	55.67	55.12	24.73
U-114	53.34	56.64	53.46	32.38	32.40
U-118	55.28	55.28	55.32	25.59	32.48
U-121	52.78	54.83	52.80	27.23	33.89
U-122	53.01	53.03	54.75	20.80	28.84
U-125	16.98	17.64	17.96	27.27	14.35
U-129	54.20	55.53	54.25	24.89	18.64
U-13	55.36	55.36	55.36	43.98	34.82
U-131	54.17	55.57	54.25	38.22	31.86
U-141	52.38	60.56	52.42	48.22	23.43
U-142	52.39	52.39	60.65	46.93	20.70
U-147	45.55	60.63	45.57	52.19	30.85
U-15	54.87	54.87	58.49	0.75	10.22
U-150	39.82	45.58	50.11	51.55	27.18
U-153	43.64	50.13	49.12	45.72	31.56
U-155	45.19	49.17	51.27	37.29	28.03
U-156	46.45	51.25	53.79	51.28	28.60
U-158	53.76	53.77	60.68	45.36	27.80
U-16	40.73	42.01	41.57	47.72	27.01
U-160	40.50	46.17	50.60	44.39	20.30
U-161	40.78	46.14	47.51	51.03	21.40
U-165	28.55	35.29	28.93	46.32	18.77
U-167	25.17	28.92	29.32	53.89	14.76
U-17	19.21	19.21	21.26	0.00	0.70
U-171	28.99	35.83	29.32	50.68	20.84
U-172	28.40	29.33	37.83	58.20	17.93
U-176	36.82	37.46	37.83	44.46	24.20
U-177	24.80	26.31	26.07	56.79	8.72
U-18	50.76	50.77	53.41	34.12	21.65
U-181	24.32	26.58	26.04	58.67	15.30
U-184	24.40	26.58	25.80	51.08	9.61
U-186	33.46	36.64	35.52	55.99	10.30
U-191	51.66	60.60	51.78	52.19	31.46
U-193	43.99	51.78	47.16	41.58	21.52
U-195	42.37	47.16	49.08	43.08	25.39
U-196	47.82	49.08	58.51	51.59	27.14
U-197	35.87	40.46	38.27	34.37	11.49
U-199	37.44	40.46	41.26	51.35	20.43
U-20	50.77	53.43	50.77	49.75	29.09
U-200	42.45	43.65	51.59	55.35	22.19
U-201	30.06	33.32	38.83	53.46	17.01
U-202	39.87	44.93	43.09	43.69	20.13
U-203	60.89	60.91	60.94	56.96	29.75
U-204	58.64	58.64	60.94	49.40	22.81
U-206	60.94	60.94	60.94	47.67	33.78
U-207	52.52	58.54	54.17	50.36	28.90
U-208	48.20	54.10	52.21	46.79	29.03
U-211	52.19	52.23	60.88	50.72	29.62
U-213	55.91	55.91	60.91	48.59	28.64
U-214	49.33	49.33	78.00	0.00	5.37
U-22	51.17	53.48	51.17	51.34	32.30
U-220	60.74	61.00	60.87	50.48	22.62
U-221	64.31	64.31	64.31	51.19	34.50
U-227	39.57	42.64	51.40	45.15	29.37
U-228	51.39	51.41	60.94	51.03	29.90
U-231	36.77	40.16	43.19	15.37	11.18
U-232	59.25	59.59	61.13	0.00	9.64
U-233	43.19	43.89	58.49	55.69	19.46
U-237	34.71	48.60	36.29	24.38	13.88
U-239	59.53	60.63	59.59	54.64	39.61
U-240	59.74	60.49	59.81	54.46	30.36
U-242	55.28	56.67	57.39	25.07	30.33
U-244	60.44	60.49	60.68	54.80	31.82
U-245	55.28	55.47	60.46	51.38	25.00
U-249	48.34	52.12	55.48	50.77	24.93
U-25	49.05	51.18	51.04	38.18	28.29
U-251	47.99	53.86	52.13	44.52	24.14
U-253	61.44	61.63	61.44	56.36	40.04
U-254	52.12	52.44	61.09	55.21	29.98
U-256	35.69	41.42	37.59	12.35	15.30
U-259	36.34	43.83	40.12	44.79	27.34
U-26	50.97	50.99	53.45	51.57	18.77
U-260	59.61	59.90	59.96	56.40	30.02
U-261	6.92	7.67	7.07	18.04	5.19
U-262-NEW	7.00	9.81	7.12	15.13	6.23
U-263	10.18	10.18	78.00	0.00	0.05
U-265	14.14	14.19	55.38	0.00	0.20
U-267	44.56	50.16	52.54	37.70	19.86
U-270	45.47	52.53	51.09	37.03	17.17
U-271	47.60	51.11	55.33	38.61	30.41

U-274	49.95	49.95	53.41	19.09	22.18
U-277	49.95	53.41	49.95	24.03	30.50
U-28	47.65	53.45	47.65	47.55	24.99
U-280	42.09	56.34	42.12	46.35	22.32
U-286	38.93	56.35	38.96	41.29	17.00
U-289	34.69	38.96	47.74	40.37	9.29
U-29	47.64	47.65	53.43	49.29	19.56
U-290	33.66	42.13	41.76	38.99	12.07
U-291	38.02	41.76	49.48	39.69	11.34
U-293	47.74	47.75	56.36	33.30	17.63
U-294	48.21	56.36	48.24	50.01	34.82
U-295	43.65	48.25	49.51	38.19	27.11
U-298	41.50	45.22	49.50	38.99	25.28
U-299	40.68	49.52	43.99	40.15	13.96
U-300	37.43	43.99	43.73	28.61	14.28
U-304	57.02	57.57	57.02	57.83	27.40
U-308	31.04	45.20	35.76	56.63	13.99
U-308A	41.05	45.19	49.09	53.40	19.77
U-309	32.95	38.50	45.19	46.60	20.59
U-312	19.53	35.76	22.26	57.78	3.44
U-315	18.83	22.25	20.68	56.90	4.63
U-316	19.99	20.67	22.93	52.78	3.17
U-319	15.77	16.13	16.09	48.77	7.09
U-322	15.94	16.20	16.09	48.97	4.52
U-325	15.82	16.20	15.84	57.18	8.34
U-327	15.83	15.92	16.30	57.04	12.16
U-328	19.21	20.69	20.77	45.26	4.93
U-330	21.47	21.47	57.06	0.00	1.32
U-332	46.79	46.79	58.57	0.01	2.81
U-335	42.81	42.86	56.54	40.13	14.55
U-337	31.05	31.83	54.60	0.00	6.07
U-34	38.11	53.38	38.11	42.21	26.98
U-341	58.48	58.57	58.53	49.53	19.70
U-344	39.81	39.89	58.27	50.16	21.75
U-345	28.25	38.47	39.88	0.06	5.68
U-346	48.30	55.73	48.38	49.20	32.40
U-347	42.72	48.36	49.09	57.73	29.34
U-348	24.13	28.42	30.00	48.91	8.10
U-35	40.84	53.37	40.84	42.08	20.19
U-351	54.87	55.65	55.31	53.46	37.12
U-352	47.47	49.29	52.49	12.99	18.61
U-353	52.49	52.50	55.82	11.16	14.69
U-354	18.75	20.70	19.41	23.32	7.16
U-357	18.02	21.55	19.41	45.13	6.20
U-358	28.03	36.93	37.77	47.74	11.47
U-364	53.84	53.84	53.84	24.27	2.54
U-364A	43.02	43.12	43.05	8.32	8.81
U-366	40.43	56.04	40.53	43.66	19.30
U-37	53.37	53.37	53.37	15.35	26.50
U-372	36.70	40.54	49.09	41.49	10.77
U-373	51.28	57.14	51.28	36.17	24.57
U-376	33.11	35.72	51.27	0.00	4.32
U-379	56.35	56.39	56.41	44.94	38.86
U-38	22.57	22.74	23.49	3.70	4.04
U-382	35.75	40.87	40.77	30.75	24.05
U-385	37.93	43.76	40.76	33.20	13.96
U-386	57.09	57.11	57.12	26.42	31.43
U-388	49.95	52.60	50.33	31.35	31.87
U-390	49.17	50.86	50.33	19.79	19.98
U-391	44.38	44.38	58.60	0.00	3.14
U-392	42.81	44.38	54.41	0.00	8.05
U-394	56.43	56.43	62.37	0.06	2.42
U-397	56.25	56.43	56.40	52.44	32.55
U-398	16.43	17.12	16.87	41.41	11.13
U-399	56.58	62.37	56.58	56.50	25.41
U-402	47.20	56.67	47.27	52.31	34.17
U-404	46.74	47.28	55.82	44.92	28.63
U-406	43.38	56.58	43.47	51.72	25.84
U-407	55.44	57.54	55.54	39.47	31.80
U-408	55.94	57.82	56.20	24.82	16.49
U-409	40.42	46.17	44.30	1.12	11.46
U-411	36.94	44.28	42.58	43.16	15.00
U-412	35.02	42.57	40.71	43.34	23.54
U-413	35.35	40.72	40.12	31.50	20.75
U-414	48.54	58.22	48.59	53.45	30.96
U-415	42.06	42.09	58.45	44.78	21.84
U-416	58.19	58.45	58.32	56.66	30.13
U-417	12.14	12.15	12.15	0.77	5.94
U-418	46.97	46.97	52.31	34.27	24.42
U-419	57.95	78.00	57.95	15.14	9.85

U-420	49.82	49.82	49.82	25.24	23.70
U-421	19.91	21.06	20.89	9.20	12.48
U-423	19.21	20.89	20.51	12.56	14.07
U-428	18.97	20.51	20.55	13.54	9.45
U-430	18.32	20.55	19.93	20.77	12.95
U-434	17.47	19.93	19.20	19.48	7.51
U-437	40.27	47.53	40.27	32.66	30.23
U-439	40.30	40.30	53.84	19.40	10.04
U-44	40.45	40.45	53.80	1.64	15.53
U-440	43.89	43.89	53.84	13.50	7.67
U-441	27.74	30.92	43.85	15.36	7.11
U-443	24.25	28.08	28.94	28.86	12.26
U-445	16.53	17.96	23.48	0.36	5.26
U-447	52.95	52.97	55.26	0.00	14.08
U-448	51.27	51.27	56.15	0.03	10.77
U-449	22.87	23.83	34.73	0.15	8.29
U-45	27.96	36.14	40.45	0.13	14.30
U-450	5.44	6.50	31.74	0.10	0.69
U-451	4.67	6.50	8.11	8.70	1.11
U-452	5.79	9.88	8.16	26.58	1.45
U-454	4.83	5.47	8.35	3.78	2.50
U-456	3.89	4.77	4.61	1.98	2.01
U-463	3.08	3.13	11.98	0.00	0.20
U-464	18.87	19.41	21.02	0.15	2.15
U-466	35.72	35.72	53.94	0.95	1.64
U-468	22.62	22.70	26.72	0.00	0.20
U-468-NEW	18.78	22.14	19.43	0.93	4.04
U-469	23.70	23.70	53.62	0.27	0.70
U-47	54.24	54.24	54.71	24.33	27.03
U-48	59.68	59.68	59.69	3.37	13.95
U-481	60.38	60.38	60.47	43.33	43.90
U-483	60.38	60.47	60.38	30.63	32.21
U-486	26.57	26.71	27.21	0.75	1.12
U-489	21.10	21.20	26.72	0.00	0.20
U-492	37.78	39.50	50.80	31.68	16.09
U-495	44.63	44.63	51.99	1.56	6.04
U-496	14.82	18.20	17.40	53.41	7.54
U-497	0.00	0.00	0.00	53.42	0.00
U-498	0.00	0.00	1.33	54.15	0.00
U-5	49.27	49.27	54.09	0.00	10.21
U-50	59.66	59.69	59.68	37.30	35.54
U-500	52.16	52.17	54.09	0.03	9.53
U-501	15.50	20.42	18.15	54.16	9.11
U-502	47.25	47.27	51.03	0.00	12.67
U-503	6.99	6.99	51.63	0.00	0.71
U-507	6.61	6.98	9.50	16.78	2.69
U-509	2.11	2.19	25.97	0.00	0.07
U-513	23.84	24.32	24.04	25.28	12.08
U-514	28.18	28.42	38.45	4.80	0.69
U-518-NEW	34.13	34.79	34.32	46.36	25.73
U-519-NEW	20.32	20.79	21.36	0.00	0.06
U-522	12.19	12.90	12.51	19.84	5.29
U-523	20.08	20.20	20.20	14.44	10.97
U-524-NEW	12.68	12.81	14.65	0.08	1.57
U-525	12.77	12.85	12.79	12.76	6.86
U-526	12.55	12.57	12.81	13.34	4.95
U-527	12.85	12.85	12.87	13.36	4.98
U-53	59.08	59.09	59.09	35.08	34.15
U-530	20.65	20.75	52.15	0.00	2.30
U-531	57.69	57.69	58.99	32.88	26.60
U-533	56.30	56.30	56.77	1.33	3.36
U-534-NEW	19.45	19.45	78.00	13.16	11.02
U-537	56.38	56.38	58.54	2.30	3.54
U-538	38.40	38.40	48.00	0.00	6.84
U-54	58.94	59.08	58.95	30.76	25.40
U-543	34.96	41.97	37.18	0.00	8.96
U-545	59.66	59.66	59.66	41.99	17.54
U-547	18.34	18.34	78.00	0.15	0.15
U-548	2.47	2.47	56.04	0.00	0.00
U-549	2.47	2.47	38.31	0.00	0.00
U-55	58.95	58.95	59.09	17.45	23.51
U-550	43.01	44.88	50.15	0.00	11.60
U-555	48.99	48.99	56.38	0.00	2.93
U-557	44.79	54.84	44.79	40.85	29.50
U-559	38.35	44.79	43.58	26.91	18.23
U-56	52.04	59.09	52.06	54.73	18.14
U-562	43.58	43.58	54.84	36.60	17.75
U-565	54.84	54.84	54.84	35.96	34.21
U-568	21.57	26.95	26.33	23.76	12.16
U-569	22.40	26.34	27.77	19.62	11.32

U-570	26.79	27.77	52.35	0.70	9.45
U-572	48.43	52.35	50.46	16.12	24.25
U-573	3.28	3.28	58.09	0.00	0.02
U-574	2.87	3.28	10.27	0.00	0.18
U-575	13.69	13.69	78.00	0.00	0.04
U-580	34.44	38.11	46.61	41.28	20.29
U-583	46.61	46.61	53.38	36.02	25.14
U-584	40.84	40.84	53.39	39.67	13.12
U-587	41.75	42.34	47.70	12.08	13.48
U-589	35.89	47.70	36.71	32.87	22.55
U-59	22.12	22.49	54.53	0.00	2.56
U-590	53.38	53.40	53.38	43.12	24.91
U-591	34.76	34.76	53.48	51.68	12.91
U-596	34.72	34.76	53.40	50.50	11.23
U-599	31.36	40.38	34.92	19.90	11.44
U-60	47.80	49.04	54.89	43.11	29.31
U-601	53.40	53.40	53.40	49.02	26.16
U-604	53.40	53.40	53.40	36.45	31.81
U-608	45.44	46.79	46.33	29.58	25.86
U-609	20.07	21.69	21.84	29.95	16.67
U-612	20.70	21.83	22.08	33.51	15.79
U-614	20.23	22.08	37.02	0.00	2.05
U-616	28.91	37.02	36.99	42.40	22.84
U-618	55.33	55.33	55.34	44.90	26.73
U-62	60.59	60.59	60.60	45.50	46.74
U-620	54.36	78.00	54.36	16.09	20.46
U-621	54.39	54.39	56.53	27.17	7.73
U-623	46.52	53.79	46.53	43.07	22.02
U-624	40.61	46.53	43.65	20.39	17.04
U-625	35.66	43.65	42.17	31.92	17.29
U-628	42.16	42.16	53.79	37.31	18.84
U-629	21.53	22.25	22.57	19.17	7.65
U-632	6.87	6.88	6.88	5.66	4.95
U-633	6.87	6.87	6.88	17.56	5.35
U-637	6.93	6.94	6.95	25.34	5.45
U-64	55.80	55.82	55.81	27.59	22.38
U-640	6.92	6.96	6.94	25.85	5.65
U-643	6.93	6.97	6.96	20.29	1.68
U-646	20.10	20.56	20.70	20.65	17.68
U-648	20.31	20.70	20.84	18.27	15.51
U-649	20.70	20.84	21.20	23.57	18.11
U-651	21.14	21.20	21.15	17.49	14.56
U-652	21.15	21.15	78.00	1.59	1.27
U-653	20.47	20.89	21.20	37.31	18.03
U-656	20.46	21.09	20.89	21.09	17.81
U-657	21.10	21.83	21.10	22.22	19.25
U-659-NEW	18.04	18.04	78.00	1.20	1.05
U-66	47.09	55.81	47.11	38.72	36.73
U-663	2.35	3.30	6.88	55.31	1.16
U-668	2.71	4.14	2.92	55.13	2.02
U-671	3.05	3.98	3.21	55.18	2.45
U-674	2.85	2.89	2.88	37.84	2.24
U-675	1.62	2.03	2.03	49.63	0.35
U-678	1.88	2.19	4.39	54.12	1.07
U-68	42.05	47.11	47.66	37.50	27.06
U-681	4.14	6.88	5.35	55.86	1.95
U-682	5.57	9.81	6.12	55.15	2.24
U-684	62.62	62.63	62.96	1.09	4.50
U-685	59.10	59.35	59.24	33.14	29.62
U-686	58.97	59.16	59.22	54.31	37.12
U-687	53.89	53.90	54.06	19.63	17.95
U-688	52.11	54.04	52.12	37.49	21.46
U-690	59.89	59.94	59.96	59.58	20.11
U-694	59.85	59.93	59.93	59.15	18.20
U-695	45.91	47.60	51.75	21.94	15.34
U-696	56.46	56.47	56.47	39.25	16.12
U-70	42.04	47.67	46.11	31.08	26.30
U-701	22.75	22.75	53.86	0.00	0.95
U-704	59.19	59.22	59.23	41.22	33.02
U-706	60.31	60.31	60.31	17.66	21.11
U-707	43.90	48.39	48.79	11.51	17.01
U-708	53.33	54.53	55.19	25.14	29.80
U-71	41.30	46.11	46.48	33.39	26.97
U-710	55.18	55.19	56.50	12.14	20.80
U-711	24.50	28.09	34.18	18.64	11.24
U-717	57.34	57.72	57.39	28.39	31.95
U-718	57.27	57.39	57.73	35.58	29.47
U-719	19.97	20.01	20.08	11.29	13.31
U-720	53.09	53.09	53.09	51.46	10.67
U-721-NEW	57.35	57.35	57.35	37.22	25.46

U-725	57.66	58.99	57.66	30.43	30.56
U-727	2.40	2.51	2.41	40.50	2.25
U-729	2.54	3.08	2.73	48.40	2.27
U-73	42.95	46.48	48.06	28.81	27.94
U-731	4.07	5.38	4.44	52.26	3.62
U-732	4.03	4.52	4.58	46.50	3.14
U-734	5.57	7.76	7.58	53.98	1.41
U-736	4.89	5.70	6.35	54.22	1.29
U-738	4.29	5.05	5.68	54.85	0.58
U-74	42.28	45.57	48.06	12.52	13.74
U-740	3.75	5.05	4.99	50.13	3.26
U-741	2.20	2.30	3.87	53.16	0.75
U-743	2.02	2.09	2.23	53.45	0.75
U-745	1.25	2.09	1.28	51.84	1.10
U-747	1.18	1.29	1.30	52.12	0.95
U-749	1.19	1.35	1.50	48.73	0.93
U-75	43.85	48.05	48.16	31.55	28.46
U-751	1.27	1.65	1.64	38.45	0.95
U-753	1.38	1.73	2.70	36.39	0.97
U-755	2.27	2.76	2.67	30.17	1.62
U-763	1.08	1.25	1.08	16.87	1.08
U-766	0.11	0.18	0.11	6.37	0.11
U-769	0.00	0.11	0.00	16.43	0.00
U-77	45.28	48.16	50.68	31.50	29.42
U-772	0.00	0.00	0.00	14.87	0.00
U-775	0.00	0.00	0.00	2.35	0.00
U-778	0.00	0.00	16.82	57.72	0.00
U-783	16.08	16.13	17.25	17.53	11.54
U-786	6.48	6.85	7.05	12.52	4.70
U-789	6.77	7.05	7.25	19.36	3.84
U-792	7.16	7.25	7.64	21.89	3.92
U-795	6.56	6.65	6.74	3.12	3.43
U-796	16.82	19.57	16.82	54.53	15.72
U-8	50.70	50.70	54.48	0.00	12.21
U-801	17.28	17.31	19.64	20.02	13.25
U-804	10.36	11.04	11.56	15.83	8.40
U-807	10.80	11.56	12.02	21.49	8.11
U-81	48.77	50.71	52.57	29.75	26.39
U-810	11.88	12.02	13.83	21.83	9.20
U-811	7.31	7.50	7.52	6.66	2.32
U-815	7.32	7.55	7.52	30.44	2.72
U-816	19.64	20.31	19.66	45.89	17.36
U-82	47.28	52.58	49.56	36.11	28.23
U-820	17.66	17.70	20.46	18.15	12.40
U-823	10.59	11.55	11.80	14.94	8.19
U-826	10.87	11.80	12.41	22.71	7.87
U-829	11.92	12.41	14.10	26.67	8.62
U-83	49.50	49.55	55.58	36.72	22.19
U-832	14.00	14.10	15.07	11.74	6.25
U-833	7.19	7.41	7.23	6.77	3.66
U-834-EAC	23.05	23.24	31.21	0.74	6.26
U-835	53.17	53.17	54.06	0.34	7.90
U-837	45.93	47.90	50.81	1.77	21.98
U-838	57.67	57.67	58.16	37.76	26.56
U-839	50.31	57.67	50.63	38.66	29.54
U-840	50.63	50.63	58.16	39.49	25.80
U-841	44.87	49.34	48.34	22.99	21.05
U-842	60.53	60.53	60.53	49.16	30.93
U-846	14.08	15.32	14.15	2.01	1.25
U-847	14.32	14.39	15.21	0.08	0.04
U-848	54.85	55.49	55.11	42.05	36.36
U-851	53.37	53.37	53.37	30.39	35.94
U-852	53.37	53.37	53.37	34.04	29.04
U-854	45.65	47.69	46.83	13.13	21.43
U-856	46.44	47.84	47.32	17.35	25.83
U-858	45.59	47.31	47.09	20.42	30.04
U-860	45.00	47.09	46.68	21.06	30.26
U-863	52.80	52.80	52.80	21.71	30.26
U-864	53.83	53.83	53.87	2.72	15.44
U-865	53.83	53.83	54.06	0.00	6.46
U-866	59.24	59.31	59.33	58.61	17.24
U-867	64.73	64.73	78.00	0.60	0.60
U-868	63.98	63.98	78.00	1.17	1.17
U-869	0.00	0.00	78.00	0.00	0.00
U-871	61.91	61.91	78.00	0.00	3.48
U-872	50.83	51.52	52.05	2.46	16.71
U-874-NEW	12.05	12.05	77.99	3.29	2.73
U-875	11.51	11.51	53.65	6.17	0.00
U-878	4.05	6.12	6.12	45.64	2.77
U-879	5.07	6.11	17.12	50.68	3.17

U-88	34.16	39.27	41.74	24.96	14.79
U-880	9.28	9.90	18.04	0.00	3.35
U-885	53.65	53.68	53.65	54.76	49.90
U-90	35.06	41.01	41.74	30.27	17.52
U-91	55.45	55.62	55.52	36.64	19.41
U-92	17.09	18.03	17.65	16.68	11.38
U-96	37.64	43.98	42.27	29.77	16.95
U-97	55.49	55.68	55.61	38.05	26.72
U-98	55.65	55.70	55.70	18.10	27.92
U-99	39.84	45.21	44.08	27.75	20.44

****
Pumping Summary
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Pump	Percent Utilized	Number of Start-Ups	Min Flow CFS	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal	Power Usage Kw-hr	% Time Off Pump Curve Low	% Time Off Pump Curve High
PS-HC1-LAG	10.49	515	8.00	8.00	8.00	1.763	71.30	0.0	100.0
PS-HC1-LEAD	10.49	515	8.00	8.00	8.00	1.763	71.30	0.0	100.0

Analysis begun on: Wed Nov 18 08:31:49 2015
Analysis ended on: Wed Nov 18 08:38:05 2015
Total elapsed time: 00:06:16

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    US-EPA Storm Water Management Model - Version 5.1 (Build 5.1.007)
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-101
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-103
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-105
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-107
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-109
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-111
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-113
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-115
Warning 03: negative offset -1.060 ignored for Link CDT-121
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-123
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-125
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-173
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-175
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-177
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-181
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-183
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-185
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-187
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-189
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-191
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-193
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-195
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-197
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-199
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-201
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-205
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-207
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-209
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-211
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-213
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-215
Warning 03: negative offset -0.500 ignored for Link CDT-217
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-219
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-221
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-223
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-225
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-227
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-229
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-231
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-233
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-235
Warning 03: negative offset -1.200 ignored for Link CDT-237
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-239
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-241
Warning 03: negative offset -1.200 ignored for Link CDT-243
Warning 03: negative offset -1.200 ignored for Link CDT-245
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-247
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-249
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-251
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-253
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-255
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-257
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-259
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-261
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-263
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-265
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-267
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-269
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-271
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-273
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-275
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-277
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-279
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-281
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-283
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-285
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-287
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-289
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-291
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-293
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-295
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-297
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-299
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-439
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-493
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-495
```

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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-525
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-87
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-91
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-93
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-95
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-97
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-99
Warning 04: minimum elevation drop 0.001 used for Conduit J-963_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J561_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J575_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J920_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit LINK-WELL-2
Warning 04: minimum elevation drop 0.001 used for Conduit U-1
Warning 04: minimum elevation drop 0.001 used for Conduit U-100
Warning 04: minimum elevation drop 0.001 used for Conduit U-101
Warning 04: minimum elevation drop 0.001 used for Conduit U-102
Warning 04: minimum elevation drop 0.001 used for Conduit U-103
Warning 04: minimum elevation drop 0.001 used for Conduit U-104
Warning 04: minimum elevation drop 0.001 used for Conduit U-105
Warning 04: minimum elevation drop 0.001 used for Conduit U-11
Warning 04: minimum elevation drop 0.001 used for Conduit U-110
Warning 04: minimum elevation drop 0.001 used for Conduit U-112
Warning 04: minimum elevation drop 0.001 used for Conduit U-113
Warning 04: minimum elevation drop 0.001 used for Conduit U-114
Warning 04: minimum elevation drop 0.001 used for Conduit U-118
Warning 04: minimum elevation drop 0.001 used for Conduit U-121
Warning 04: minimum elevation drop 0.001 used for Conduit U-122
Warning 04: minimum elevation drop 0.001 used for Conduit U-125
Warning 04: minimum elevation drop 0.001 used for Conduit U-129
Warning 04: minimum elevation drop 0.001 used for Conduit U-13
Warning 04: minimum elevation drop 0.001 used for Conduit U-131
Warning 04: minimum elevation drop 0.001 used for Conduit U-141
Warning 04: minimum elevation drop 0.001 used for Conduit U-142
Warning 04: minimum elevation drop 0.001 used for Conduit U-147
Warning 03: negative offset -0.500 ignored for Link U-15
Warning 04: minimum elevation drop 0.001 used for Conduit U-150
Warning 04: minimum elevation drop 0.001 used for Conduit U-153
Warning 04: minimum elevation drop 0.001 used for Conduit U-155
Warning 04: minimum elevation drop 0.001 used for Conduit U-156
Warning 04: minimum elevation drop 0.001 used for Conduit U-158
Warning 04: minimum elevation drop 0.001 used for Conduit U-16
Warning 04: minimum elevation drop 0.001 used for Conduit U-160
Warning 04: minimum elevation drop 0.001 used for Conduit U-161
Warning 04: minimum elevation drop 0.001 used for Conduit U-165
Warning 04: minimum elevation drop 0.001 used for Conduit U-167
Warning 04: minimum elevation drop 0.001 used for Conduit U-171
Warning 04: minimum elevation drop 0.001 used for Conduit U-172
Warning 04: minimum elevation drop 0.001 used for Conduit U-176
Warning 04: minimum elevation drop 0.001 used for Conduit U-177
Warning 04: minimum elevation drop 0.001 used for Conduit U-18
Warning 04: minimum elevation drop 0.001 used for Conduit U-181
Warning 04: minimum elevation drop 0.001 used for Conduit U-184
Warning 04: minimum elevation drop 0.001 used for Conduit U-186
Warning 04: minimum elevation drop 0.001 used for Conduit U-191
Warning 04: minimum elevation drop 0.001 used for Conduit U-193
Warning 04: minimum elevation drop 0.001 used for Conduit U-195
Warning 04: minimum elevation drop 0.001 used for Conduit U-196
Warning 04: minimum elevation drop 0.001 used for Conduit U-197
Warning 04: minimum elevation drop 0.001 used for Conduit U-199
Warning 04: minimum elevation drop 0.001 used for Conduit U-20
Warning 04: minimum elevation drop 0.001 used for Conduit U-200
Warning 04: minimum elevation drop 0.001 used for Conduit U-201
Warning 04: minimum elevation drop 0.001 used for Conduit U-202
Warning 04: minimum elevation drop 0.001 used for Conduit U-203
Warning 04: minimum elevation drop 0.001 used for Conduit U-204
Warning 04: minimum elevation drop 0.001 used for Conduit U-206
Warning 04: minimum elevation drop 0.001 used for Conduit U-207
Warning 04: minimum elevation drop 0.001 used for Conduit U-208
Warning 04: minimum elevation drop 0.001 used for Conduit U-211
Warning 04: minimum elevation drop 0.001 used for Conduit U-213
Warning 04: minimum elevation drop 0.001 used for Conduit U-22
Warning 04: minimum elevation drop 0.001 used for Conduit U-220
Warning 04: minimum elevation drop 0.001 used for Conduit U-221
Warning 04: minimum elevation drop 0.001 used for Conduit U-227
Warning 04: minimum elevation drop 0.001 used for Conduit U-228
Warning 04: minimum elevation drop 0.001 used for Conduit U-231
Warning 04: minimum elevation drop 0.001 used for Conduit U-233
Warning 04: minimum elevation drop 0.001 used for Conduit U-237
Warning 04: minimum elevation drop 0.001 used for Conduit U-239
Warning 04: minimum elevation drop 0.001 used for Conduit U-240
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-242
Warning 04: minimum elevation drop 0.001 used for Conduit U-244
Warning 04: minimum elevation drop 0.001 used for Conduit U-245
Warning 04: minimum elevation drop 0.001 used for Conduit U-249
Warning 04: minimum elevation drop 0.001 used for Conduit U-25
Warning 04: minimum elevation drop 0.001 used for Conduit U-251
Warning 04: minimum elevation drop 0.001 used for Conduit U-253
Warning 04: minimum elevation drop 0.001 used for Conduit U-254
Warning 04: minimum elevation drop 0.001 used for Conduit U-256
Warning 04: minimum elevation drop 0.001 used for Conduit U-259
Warning 04: minimum elevation drop 0.001 used for Conduit U-26
Warning 04: minimum elevation drop 0.001 used for Conduit U-260
Warning 04: minimum elevation drop 0.001 used for Conduit U-261
Warning 04: minimum elevation drop 0.001 used for Conduit U-262-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-267
Warning 04: minimum elevation drop 0.001 used for Conduit U-270
Warning 04: minimum elevation drop 0.001 used for Conduit U-271
Warning 04: minimum elevation drop 0.001 used for Conduit U-274
Warning 04: minimum elevation drop 0.001 used for Conduit U-277
Warning 04: minimum elevation drop 0.001 used for Conduit U-28
Warning 04: minimum elevation drop 0.001 used for Conduit U-280
Warning 04: minimum elevation drop 0.001 used for Conduit U-286
Warning 04: minimum elevation drop 0.001 used for Conduit U-289
Warning 04: minimum elevation drop 0.001 used for Conduit U-29
Warning 04: minimum elevation drop 0.001 used for Conduit U-290
Warning 04: minimum elevation drop 0.001 used for Conduit U-291
Warning 04: minimum elevation drop 0.001 used for Conduit U-293
Warning 04: minimum elevation drop 0.001 used for Conduit U-294
Warning 04: minimum elevation drop 0.001 used for Conduit U-295
Warning 04: minimum elevation drop 0.001 used for Conduit U-298
Warning 04: minimum elevation drop 0.001 used for Conduit U-299
Warning 04: minimum elevation drop 0.001 used for Conduit U-300
Warning 04: minimum elevation drop 0.001 used for Conduit U-304
Warning 04: minimum elevation drop 0.001 used for Conduit U-308
Warning 04: minimum elevation drop 0.001 used for Conduit U-308A
Warning 04: minimum elevation drop 0.001 used for Conduit U-309
Warning 04: minimum elevation drop 0.001 used for Conduit U-312
Warning 04: minimum elevation drop 0.001 used for Conduit U-315
Warning 04: minimum elevation drop 0.001 used for Conduit U-316
Warning 04: minimum elevation drop 0.001 used for Conduit U-319
Warning 04: minimum elevation drop 0.001 used for Conduit U-322
Warning 04: minimum elevation drop 0.001 used for Conduit U-325
Warning 04: minimum elevation drop 0.001 used for Conduit U-327
Warning 04: minimum elevation drop 0.001 used for Conduit U-328
Warning 03: negative offset -1.000 ignored for Link U-330
Warning 03: negative offset -1.000 ignored for Link U-332
Warning 04: minimum elevation drop 0.001 used for Conduit U-335
Warning 04: minimum elevation drop 0.001 used for Conduit U-34
Warning 04: minimum elevation drop 0.001 used for Conduit U-341
Warning 04: minimum elevation drop 0.001 used for Conduit U-344
Warning 04: minimum elevation drop 0.001 used for Conduit U-346
Warning 04: minimum elevation drop 0.001 used for Conduit U-347
Warning 04: minimum elevation drop 0.001 used for Conduit U-348
Warning 04: minimum elevation drop 0.001 used for Conduit U-35
Warning 04: minimum elevation drop 0.001 used for Conduit U-351
Warning 04: minimum elevation drop 0.001 used for Conduit U-352
Warning 04: minimum elevation drop 0.001 used for Conduit U-353
Warning 04: minimum elevation drop 0.001 used for Conduit U-354
Warning 04: minimum elevation drop 0.001 used for Conduit U-357
Warning 04: minimum elevation drop 0.001 used for Conduit U-358
Warning 04: minimum elevation drop 0.001 used for Conduit U-364
Warning 04: minimum elevation drop 0.001 used for Conduit U-364A
Warning 04: minimum elevation drop 0.001 used for Conduit U-366
Warning 04: minimum elevation drop 0.001 used for Conduit U-37
Warning 04: minimum elevation drop 0.001 used for Conduit U-372
Warning 04: minimum elevation drop 0.001 used for Conduit U-373
Warning 04: minimum elevation drop 0.001 used for Conduit U-379
Warning 04: minimum elevation drop 0.001 used for Conduit U-38
Warning 04: minimum elevation drop 0.001 used for Conduit U-382
Warning 04: minimum elevation drop 0.001 used for Conduit U-385
Warning 04: minimum elevation drop 0.001 used for Conduit U-386
Warning 04: minimum elevation drop 0.001 used for Conduit U-388
Warning 04: minimum elevation drop 0.001 used for Conduit U-390
Warning 03: negative offset -1.000 ignored for Link U-391
Warning 03: negative offset -0.500 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-394
Warning 04: minimum elevation drop 0.001 used for Conduit U-397
Warning 04: minimum elevation drop 0.001 used for Conduit U-398
Warning 04: minimum elevation drop 0.001 used for Conduit U-399
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-402
Warning 04: minimum elevation drop 0.001 used for Conduit U-404
Warning 04: minimum elevation drop 0.001 used for Conduit U-406
Warning 04: minimum elevation drop 0.001 used for Conduit U-407
Warning 03: negative offset -0.030 ignored for Link U-408
Warning 03: negative offset -0.030 ignored for Link U-409
Warning 04: minimum elevation drop 0.001 used for Conduit U-411
Warning 04: minimum elevation drop 0.001 used for Conduit U-412
Warning 04: minimum elevation drop 0.001 used for Conduit U-413
Warning 04: minimum elevation drop 0.001 used for Conduit U-414
Warning 04: minimum elevation drop 0.001 used for Conduit U-415
Warning 04: minimum elevation drop 0.001 used for Conduit U-416
Warning 04: minimum elevation drop 0.001 used for Conduit U-417
Warning 04: minimum elevation drop 0.001 used for Conduit U-418
Warning 03: negative offset -1.060 ignored for Link U-419
Warning 04: minimum elevation drop 0.001 used for Conduit U-420
Warning 04: minimum elevation drop 0.001 used for Conduit U-421
Warning 04: minimum elevation drop 0.001 used for Conduit U-423
Warning 04: minimum elevation drop 0.001 used for Conduit U-428
Warning 04: minimum elevation drop 0.001 used for Conduit U-430
Warning 04: minimum elevation drop 0.001 used for Conduit U-434
Warning 04: minimum elevation drop 0.001 used for Conduit U-437
Warning 04: minimum elevation drop 0.001 used for Conduit U-439
Warning 04: minimum elevation drop 0.001 used for Conduit U-48
Warning 04: minimum elevation drop 0.001 used for Conduit U-481
Warning 04: minimum elevation drop 0.001 used for Conduit U-483
Warning 04: minimum elevation drop 0.001 used for Conduit U-496
Warning 04: minimum elevation drop 0.001 used for Conduit U-497
Warning 04: minimum elevation drop 0.001 used for Conduit U-498
Warning 04: minimum elevation drop 0.001 used for Conduit U-50
Warning 04: minimum elevation drop 0.001 used for Conduit U-501
Warning 04: minimum elevation drop 0.001 used for Conduit U-513
Warning 04: minimum elevation drop 0.001 used for Conduit U-518-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-522
Warning 04: minimum elevation drop 0.001 used for Conduit U-523
Warning 04: minimum elevation drop 0.001 used for Conduit U-525
Warning 04: minimum elevation drop 0.001 used for Conduit U-526
Warning 04: minimum elevation drop 0.001 used for Conduit U-527
Warning 04: minimum elevation drop 0.001 used for Conduit U-53
Warning 04: minimum elevation drop 0.001 used for Conduit U-531
Warning 04: minimum elevation drop 0.001 used for Conduit U-534-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-54
Warning 04: minimum elevation drop 0.001 used for Conduit U-545
Warning 04: minimum elevation drop 0.001 used for Conduit U-55
Warning 04: minimum elevation drop 0.001 used for Conduit U-557
Warning 04: minimum elevation drop 0.001 used for Conduit U-559
Warning 04: minimum elevation drop 0.001 used for Conduit U-56
Warning 04: minimum elevation drop 0.001 used for Conduit U-562
Warning 04: minimum elevation drop 0.001 used for Conduit U-565
Warning 04: minimum elevation drop 0.001 used for Conduit U-568
Warning 04: minimum elevation drop 0.001 used for Conduit U-569
Warning 04: minimum elevation drop 0.001 used for Conduit U-572
Warning 04: minimum elevation drop 0.001 used for Conduit U-580
Warning 04: minimum elevation drop 0.001 used for Conduit U-583
Warning 04: minimum elevation drop 0.001 used for Conduit U-584
Warning 04: minimum elevation drop 0.001 used for Conduit U-587
Warning 04: minimum elevation drop 0.001 used for Conduit U-589
Warning 04: minimum elevation drop 0.001 used for Conduit U-590
Warning 04: minimum elevation drop 0.001 used for Conduit U-591
Warning 04: minimum elevation drop 0.001 used for Conduit U-596
Warning 04: minimum elevation drop 0.001 used for Conduit U-599
Warning 04: minimum elevation drop 0.001 used for Conduit U-60
Warning 04: minimum elevation drop 0.001 used for Conduit U-601
Warning 04: minimum elevation drop 0.001 used for Conduit U-604
Warning 04: minimum elevation drop 0.001 used for Conduit U-608
Warning 04: minimum elevation drop 0.001 used for Conduit U-609
Warning 04: minimum elevation drop 0.001 used for Conduit U-612
Warning 03: negative offset -1.000 ignored for Link U-614
Warning 04: minimum elevation drop 0.001 used for Conduit U-616
Warning 04: minimum elevation drop 0.001 used for Conduit U-618
Warning 04: minimum elevation drop 0.001 used for Conduit U-62
Warning 04: minimum elevation drop 0.001 used for Conduit U-621
Warning 04: minimum elevation drop 0.001 used for Conduit U-623
Warning 04: minimum elevation drop 0.001 used for Conduit U-624
Warning 04: minimum elevation drop 0.001 used for Conduit U-625
Warning 04: minimum elevation drop 0.001 used for Conduit U-628
Warning 04: minimum elevation drop 0.001 used for Conduit U-629
Warning 04: minimum elevation drop 0.001 used for Conduit U-632
Warning 03: negative offset -1.000 ignored for Link U-633
Warning 03: negative offset -1.000 ignored for Link U-633
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-637
Warning 04: minimum elevation drop 0.001 used for Conduit U-64
Warning 04: minimum elevation drop 0.001 used for Conduit U-640
Warning 04: minimum elevation drop 0.001 used for Conduit U-643
Warning 04: minimum elevation drop 0.001 used for Conduit U-646
Warning 04: minimum elevation drop 0.001 used for Conduit U-648
Warning 04: minimum elevation drop 0.001 used for Conduit U-649
Warning 04: minimum elevation drop 0.001 used for Conduit U-651
Warning 04: minimum elevation drop 0.001 used for Conduit U-652
Warning 04: minimum elevation drop 0.001 used for Conduit U-653
Warning 04: minimum elevation drop 0.001 used for Conduit U-656
Warning 04: minimum elevation drop 0.001 used for Conduit U-657
Warning 04: minimum elevation drop 0.001 used for Conduit U-659-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-66
Warning 04: minimum elevation drop 0.001 used for Conduit U-663
Warning 04: minimum elevation drop 0.001 used for Conduit U-668
Warning 04: minimum elevation drop 0.001 used for Conduit U-671
Warning 04: minimum elevation drop 0.001 used for Conduit U-674
Warning 04: minimum elevation drop 0.001 used for Conduit U-675
Warning 04: minimum elevation drop 0.001 used for Conduit U-678
Warning 04: minimum elevation drop 0.001 used for Conduit U-68
Warning 04: minimum elevation drop 0.001 used for Conduit U-681
Warning 04: minimum elevation drop 0.001 used for Conduit U-682
Warning 04: minimum elevation drop 0.001 used for Conduit U-685
Warning 04: minimum elevation drop 0.001 used for Conduit U-686
Warning 04: minimum elevation drop 0.001 used for Conduit U-687
Warning 04: minimum elevation drop 0.001 used for Conduit U-688
Warning 04: minimum elevation drop 0.001 used for Conduit U-690
Warning 04: minimum elevation drop 0.001 used for Conduit U-694
Warning 04: minimum elevation drop 0.001 used for Conduit U-695
Warning 04: minimum elevation drop 0.001 used for Conduit U-696
Warning 04: minimum elevation drop 0.001 used for Conduit U-70
Warning 04: minimum elevation drop 0.001 used for Conduit U-704
Warning 04: minimum elevation drop 0.001 used for Conduit U-706
Warning 04: minimum elevation drop 0.001 used for Conduit U-707
Warning 04: minimum elevation drop 0.001 used for Conduit U-708
Warning 04: minimum elevation drop 0.001 used for Conduit U-71
Warning 04: minimum elevation drop 0.001 used for Conduit U-710
Warning 04: minimum elevation drop 0.001 used for Conduit U-711
Warning 04: minimum elevation drop 0.001 used for Conduit U-717
Warning 04: minimum elevation drop 0.001 used for Conduit U-718
Warning 04: minimum elevation drop 0.001 used for Conduit U-719
Warning 04: minimum elevation drop 0.001 used for Conduit U-720
Warning 04: minimum elevation drop 0.001 used for Conduit U-721-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-725
Warning 04: minimum elevation drop 0.001 used for Conduit U-727
Warning 04: minimum elevation drop 0.001 used for Conduit U-729
Warning 04: minimum elevation drop 0.001 used for Conduit U-73
Warning 04: minimum elevation drop 0.001 used for Conduit U-731
Warning 04: minimum elevation drop 0.001 used for Conduit U-732
Warning 04: minimum elevation drop 0.001 used for Conduit U-734
Warning 04: minimum elevation drop 0.001 used for Conduit U-736
Warning 04: minimum elevation drop 0.001 used for Conduit U-738
Warning 04: minimum elevation drop 0.001 used for Conduit U-74
Warning 04: minimum elevation drop 0.001 used for Conduit U-740
Warning 04: minimum elevation drop 0.001 used for Conduit U-741
Warning 04: minimum elevation drop 0.001 used for Conduit U-743
Warning 04: minimum elevation drop 0.001 used for Conduit U-745
Warning 04: minimum elevation drop 0.001 used for Conduit U-747
Warning 04: minimum elevation drop 0.001 used for Conduit U-749
Warning 04: minimum elevation drop 0.001 used for Conduit U-75
Warning 04: minimum elevation drop 0.001 used for Conduit U-751
Warning 04: minimum elevation drop 0.001 used for Conduit U-753
Warning 04: minimum elevation drop 0.001 used for Conduit U-755
Warning 04: minimum elevation drop 0.001 used for Conduit U-763
Warning 04: minimum elevation drop 0.001 used for Conduit U-766
Warning 04: minimum elevation drop 0.001 used for Conduit U-769
Warning 04: minimum elevation drop 0.001 used for Conduit U-77
Warning 04: minimum elevation drop 0.001 used for Conduit U-772
Warning 04: minimum elevation drop 0.001 used for Conduit U-775
Warning 04: minimum elevation drop 0.001 used for Conduit U-778
Warning 04: minimum elevation drop 0.001 used for Conduit U-783
Warning 04: minimum elevation drop 0.001 used for Conduit U-786
Warning 04: minimum elevation drop 0.001 used for Conduit U-789
Warning 04: minimum elevation drop 0.001 used for Conduit U-792
Warning 04: minimum elevation drop 0.001 used for Conduit U-795
Warning 04: minimum elevation drop 0.001 used for Conduit U-796
Warning 04: minimum elevation drop 0.001 used for Conduit U-801
Warning 04: minimum elevation drop 0.001 used for Conduit U-804
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-807
Warning 04: minimum elevation drop 0.001 used for Conduit U-81
Warning 04: minimum elevation drop 0.001 used for Conduit U-810
Warning 04: minimum elevation drop 0.001 used for Conduit U-811
Warning 04: minimum elevation drop 0.001 used for Conduit U-815
Warning 04: minimum elevation drop 0.001 used for Conduit U-816
Warning 04: minimum elevation drop 0.001 used for Conduit U-82
Warning 04: minimum elevation drop 0.001 used for Conduit U-820
Warning 04: minimum elevation drop 0.001 used for Conduit U-823
Warning 04: minimum elevation drop 0.001 used for Conduit U-826
Warning 04: minimum elevation drop 0.001 used for Conduit U-829
Warning 04: minimum elevation drop 0.001 used for Conduit U-83
Warning 04: minimum elevation drop 0.001 used for Conduit U-832
Warning 04: minimum elevation drop 0.001 used for Conduit U-833
Warning 04: minimum elevation drop 0.001 used for Conduit U-834-EAC
Warning 03: negative offset -0.388 ignored for Link U-835
Warning 03: negative offset -1.200 ignored for Link U-835
Warning 04: minimum elevation drop 0.001 used for Conduit U-838
Warning 04: minimum elevation drop 0.001 used for Conduit U-839
Warning 04: minimum elevation drop 0.001 used for Conduit U-840
Warning 04: minimum elevation drop 0.001 used for Conduit U-841
Warning 04: minimum elevation drop 0.001 used for Conduit U-842
Warning 04: minimum elevation drop 0.001 used for Conduit U-848
Warning 04: minimum elevation drop 0.001 used for Conduit U-851
Warning 04: minimum elevation drop 0.001 used for Conduit U-852
Warning 04: minimum elevation drop 0.001 used for Conduit U-854
Warning 04: minimum elevation drop 0.001 used for Conduit U-856
Warning 04: minimum elevation drop 0.001 used for Conduit U-858
Warning 04: minimum elevation drop 0.001 used for Conduit U-860
Warning 04: minimum elevation drop 0.001 used for Conduit U-863
Warning 03: negative offset -0.298 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-865
Warning 04: minimum elevation drop 0.001 used for Conduit U-866
Warning 03: negative offset -0.060 ignored for Link U-869
Warning 04: minimum elevation drop 0.001 used for Conduit U-872
Warning 04: minimum elevation drop 0.001 used for Conduit U-874-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-878
Warning 04: minimum elevation drop 0.001 used for Conduit U-879
Warning 04: minimum elevation drop 0.001 used for Conduit U-88
Warning 04: minimum elevation drop 0.001 used for Conduit U-885
Warning 04: minimum elevation drop 0.001 used for Conduit U-90
Warning 04: minimum elevation drop 0.001 used for Conduit U-91
Warning 04: minimum elevation drop 0.001 used for Conduit U-92
Warning 04: minimum elevation drop 0.001 used for Conduit U-96
Warning 04: minimum elevation drop 0.001 used for Conduit U-97
Warning 04: minimum elevation drop 0.001 used for Conduit U-98
Warning 04: minimum elevation drop 0.001 used for Conduit U-99
  WARNING 10: crest elevation is below downstream invert for regulator Link WEIR-63
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-19
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-21
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-23
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-25
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-27
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-29
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-31
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-33
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-35
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-37
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-39
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-41
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-43
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-45
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-49
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-51
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-53
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-55
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-57
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-59
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-61
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-63
  WARNING 10: crest elevation is below downstream invert for regulator Link J33A_OUTFALL
  WARNING 10: crest elevation is below downstream invert for regulator Link U-331
  WARNING 10: crest elevation is below downstream invert for regulator Link W-ENID-DRIVE
  WARNING 10: crest elevation is below downstream invert for regulator Link WELL-W-MCINTYRE
Warning 02: maximum depth 10.000 increased for Node J-180A
Warning 02: maximum depth 10.000 increased for Node J-195A
Warning 02: maximum depth 10.000 increased for Node J-223A
Warning 02: maximum depth 8.950 increased for Node J-268
Warning 02: maximum depth 8.950 increased for Node J-284
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Warning 02: maximum depth 9.500 increased for Node J-355A
Warning 02: maximum depth 8.950 increased for Node J-444-WEIR
Warning 02: maximum depth 7.950 increased for Node J-692-WEIR
Warning 02: maximum depth 10.000 increased for Node J-745A
Warning 02: maximum depth 10.000 increased for Node J-748A
Warning 02: maximum depth 10.000 increased for Node J-750A
Warning 02: maximum depth 9.500 increased for Node J-902

  ************************************************************
    NOTE: The summary statistics displayed in this report are
    based on results found at every computational time step,
    not just on results from each reporting time step.
  ************************************************************

  ********************
    Analysis Options
  ********************
  Flow Units ............... CFS
  Process Models:
    Rainfall/Runoff ........ YES
    RDII ................... NO
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Ponding Allowed ........ YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ JAN-01-2002 00:00:00
  Ending Date .............. JAN-04-2002 06:00:00
  Antecedent Dry Days ...... 5.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 00:05:00
  Routing Time Step ........ 4.00 sec
  Variable Time Step ....... YES
  Maximum Trials ........... 5
  Head Tolerance ........... 1.000000 ft


  *************************        Volume         Depth
  Runoff Quantity Continuity     acre-feet        inches
  *************************     ---------       -------
  Total Precipitation ......       326.903         9.510
  Evaporation Loss .........         0.000         0.000
  Infiltration Loss ........        48.600         1.414
  Surface Runoff ...........       223.928         6.514
  Final Surface Storage ....        54.530         1.586
  Continuity Error (%) .....        -0.048


  *************************        Volume        Volume
  Flow Routing Continuity        acre-feet      10^6 gal
  *************************     ---------     ---------
  Dry Weather Inflow .......         0.000         0.000
  Wet Weather Inflow .......       223.673        72.887
  Groundwater Inflow .......         0.000         0.000
  RDII Inflow ..............         0.000         0.000
  External Inflow ..........         0.000         0.000
  External Outflow .........       201.570        65.685
  Internal Outflow .........         0.000         0.000
  Evaporation Loss .........         0.000         0.000
  Exfiltration Loss ........         0.000         0.000
  Initial Stored Volume ....         0.033         0.011
  Final Stored Volume ......        19.842         6.466
  Continuity Error (%) .....         1.025


  ****************************
    Highest Continuity Errors
  ****************************
  Node JCT-26-WEIR                          -255.03%    -1.5005
  Node J-566-WEIR                            -96.37%    -2.1755
  Node J-354B                                -53.57%    -2.2181
  Node J-444-WEIR                            -50.23%    -1.2382
  Node J-884                                 -43.97%    -1.0390
  Node J-792                                 -27.59%    -0.2232
  Node J-82                                   26.69%     0.2476
  Node J-261-WEIR                            -25.67%    -0.4853
  Node J-54A                                  23.36%     0.1053
```

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Node J-588                                20.73%     0.2037
Node J-618                                19.76%     0.1276
Node JCT-24                               18.63%     0.3973
Node J-327                                17.05%     0.0803
Node J-256                               -16.65%    -0.2342
Node JCT-26                               16.58%     0.3628
Node J-242                                16.55%     0.1133
Node J-953                               -16.31%    -0.4247
Node J-268-WEIR                          -16.07%    -0.1105
Node J-185A                              -15.80%    -0.0865
Node J-393                                15.74%     0.1897
                                                  -7.9081 Mgal


*******************************
  Time-Step Critical Elements
*******************************
Link U-346 (10.31%)
Link U-300 (4.93%)
Link U-837 (4.34%)
Link U-155 (4.15%)
Link U-193 (3.78%)
Link U-262-NEW (3.18%)
Link U-295 (2.78%)
Link U-25 (2.57%)
Link U-199 (2.51%)
Link U-231 (2.26%)
Link U-407 (2.14%)
Link U-308A (2.10%)
Link U-682 (1.75%)
Link U-298 (1.73%)
Link U-587 (1.67%)
Link U-251 (1.66%)
Link U-841 (1.62%)
Link U-293 (1.57%)
Link U-732 (1.46%)
Link U-112 (1.33%)


***********************************
  Highest Flow Instability Indexes
***********************************
Link WEIR-53 (82)
Link WA-4-NEW (66)
Link U-221 (62)
Link WEIR-J-754-STANTECT (54)
Link U-725 (52)
Link U-11 (48)
Link U-25 (47)
Link U-204 (45)
Link U-386 (43)
Link U-531 (43)
Link U-112 (42)
Link U-392 (41)
Link U-407 (41)
Link U-572 (39)
Link U-242 (39)
Link U-15 (39)
Link U-841 (39)
Link U-22 (36)
Link U-717 (36)
Link U-685 (34)

*****************************
  Routing Time Step Summary
*****************************
Minimum Time Step           :     0.10 sec
Average Time Step           :     0.64 sec
Maximum Time Step           :     4.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     4.65
Percent Not Converging      :    84.89
Total Steps                 :   439481
Total Iterations            :  2042508
```

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
SUB-11856	9.51	0.00	0.00	1.36	7.04	0.36	4.07	0.740
SUB-11868	9.51	0.00	0.00	0.87	6.57	0.44	3.91	0.690
SUB-11924	9.51	0.00	0.00	1.55	6.85	0.53	5.98	0.720
SUB-11926	9.51	0.00	0.00	1.55	6.05	1.13	9.99	0.636
SUB-11930	9.51	0.00	0.00	1.55	6.88	0.38	4.31	0.724
SUB-11932	9.51	0.00	0.00	1.99	7.10	0.29	3.58	0.746
SUB-11936	9.51	0.00	0.00	1.13	6.25	0.25	2.45	0.657
SUB-11944	9.51	0.00	0.00	1.55	6.94	0.68	7.89	0.730
SUB-11948	9.51	0.00	0.00	1.55	6.75	0.61	6.67	0.709
SUB-11950	9.51	0.00	0.00	1.24	6.70	0.27	2.86	0.704
SUB-11954	9.51	0.00	0.00	1.55	7.24	0.30	3.74	0.761
SUB-11958	9.51	0.00	0.00	1.55	6.53	0.66	6.82	0.686
SUB-11968	9.51	0.00	0.00	2.01	7.13	0.44	5.60	0.749
SUB-11970	9.51	0.00	0.00	1.37	6.73	0.35	3.83	0.708
SUB-11972	9.51	0.00	0.00	1.55	6.92	0.54	6.25	0.727
SUB-11978	9.51	0.00	0.00	1.55	7.03	0.52	6.14	0.739
SUB-11984	9.51	0.00	0.00	1.55	6.73	0.42	4.62	0.708
SUB-11986	9.51	0.00	0.00	1.49	6.57	0.42	4.45	0.691
SUB-11988	9.51	0.00	0.00	1.52	6.68	0.80	8.69	0.703
SUB-11990	9.51	0.00	0.00	1.55	7.12	0.37	4.52	0.748
SUB-11994	9.51	0.00	0.00	1.55	7.25	0.35	4.44	0.763
SUB-11998	9.51	0.00	0.00	1.55	6.51	0.75	7.68	0.684
SUB-12004	9.51	0.00	0.00	1.55	7.19	0.32	4.01	0.756
SUB-12010	9.51	0.00	0.00	1.55	7.19	0.29	3.54	0.756
SUB-12014	9.51	0.00	0.00	0.87	6.64	0.18	1.61	0.698
SUB-12016	9.51	0.00	0.00	1.55	6.99	0.52	6.12	0.735
SUB-12024	9.51	0.00	0.00	1.53	6.77	0.39	4.27	0.712
SUB-12036	9.51	0.00	0.00	1.52	6.88	0.42	4.84	0.723
SUB-12044	9.51	0.00	0.00	0.87	6.64	0.41	3.66	0.698
SUB-12046	9.51	0.00	0.00	1.55	6.87	0.41	4.61	0.722
SUB-12048	9.51	0.00	0.00	1.42	7.33	0.25	3.04	0.771
SUB-12052	9.51	0.00	0.00	1.55	7.14	0.60	7.42	0.751
SUB-12060	9.51	0.00	0.00	1.55	6.75	0.38	4.18	0.710
SUB-12062	9.51	0.00	0.00	1.55	6.58	0.25	2.63	0.692
SUB-12068	9.51	0.00	0.00	1.54	7.07	0.26	3.08	0.743
SUB-12072	9.51	0.00	0.00	1.55	6.37	1.11	10.90	0.669
SUB-12084	9.51	0.00	0.00	1.55	6.79	0.74	8.22	0.714
SUB-12086	9.51	0.00	0.00	1.55	6.88	0.81	9.24	0.724
SUB-12088	9.51	0.00	0.00	1.55	6.79	0.65	7.19	0.714
SUB-12100	9.51	0.00	0.00	1.55	6.37	0.60	5.92	0.670
SUB-12110	9.51	0.00	0.00	1.55	6.77	0.27	3.01	0.712
SUB-12112	9.51	0.00	0.00	1.55	6.51	0.46	4.77	0.684
SUB-12116	9.51	0.00	0.00	1.55	6.56	0.42	4.41	0.689
SUB-12122	9.51	0.00	0.00	1.55	7.45	0.04	0.53	0.784
SUB-12128	9.51	0.00	0.00	1.55	6.69	0.32	3.51	0.703
SUB-12132	9.51	0.00	0.00	1.55	6.43	0.53	5.37	0.677
SUB-12136	9.51	0.00	0.00	1.55	6.54	0.44	4.55	0.687
SUB-12138	9.51	0.00	0.00	1.55	6.64	0.36	3.80	0.698
SUB-12142	9.51	0.00	0.00	1.55	6.18	0.86	7.94	0.650
SUB-12144	9.51	0.00	0.00	1.55	6.10	0.98	8.90	0.642
SUB-12150	9.51	0.00	0.00	1.55	6.95	0.41	4.79	0.731
SUB-12152	9.51	0.00	0.00	1.55	6.66	0.64	6.82	0.700
SUB-12154	9.51	0.00	0.00	1.55	6.51	1.04	10.74	0.685
SUB-12158	9.51	0.00	0.00	1.55	6.96	0.35	4.09	0.732
SUB-12160	9.51	0.00	0.00	1.55	7.05	0.71	8.57	0.742
SUB-12162	9.51	0.00	0.00	1.55	7.01	0.53	6.27	0.737
SUB-12164	9.51	0.00	0.00	1.55	6.92	0.42	4.81	0.728
SUB-12166	9.51	0.00	0.00	1.55	6.69	0.27	2.93	0.703
SUB-12168	9.51	0.00	0.00	1.55	6.83	0.39	4.39	0.719
SUB-12170	9.51	0.00	0.00	1.55	7.60	0.12	1.69	0.799
SUB-12172	9.51	0.00	0.00	1.55	7.31	0.22	2.87	0.769
SUB-12174	9.51	0.00	0.00	1.55	6.98	0.50	5.84	0.734
SUB-12176	9.51	0.00	0.00	1.55	7.01	0.33	3.86	0.737
SUB-12180	9.51	0.00	0.00	1.55	6.91	0.46	5.24	0.726
SUB-12182	9.51	0.00	0.00	1.55	6.88	0.21	2.43	0.724
SUB-12184	9.51	0.00	0.00	1.55	7.15	0.11	1.32	0.752
SUB-12186	9.51	0.00	0.00	1.55	6.72	0.31	3.33	0.706
SUB-12188	9.51	0.00	0.00	1.55	6.47	0.50	5.05	0.681
SUB-12190	9.51	0.00	0.00	1.55	6.62	0.37	3.94	0.696
SUB-12192	9.51	0.00	0.00	1.55	6.48	0.49	4.95	0.682
SUB-12194	9.51	0.00	0.00	1.55	7.03	0.27	3.21	0.739

SUB-12196	9.51	0.00	0.00	1.55	6.63	0.30	3.19	0.697
SUB-12198	9.51	0.00	0.00	1.55	6.86	0.34	3.83	0.722
SUB-12200	9.51	0.00	0.00	1.55	6.72	0.30	3.31	0.707
SUB-12202	9.51	0.00	0.00	1.55	6.47	0.50	5.07	0.680
SUB-12204	9.51	0.00	0.00	1.55	6.80	0.26	2.87	0.715
SUB-12206	9.51	0.00	0.00	1.54	6.44	0.50	5.10	0.677
SUB-12208	9.51	0.00	0.00	1.49	6.81	0.22	2.47	0.716
SUB-12210	9.51	0.00	0.00	1.55	6.63	0.36	3.86	0.697
SUB-12212	9.51	0.00	0.00	1.45	6.65	0.28	2.98	0.699
SUB-12214	9.51	0.00	0.00	1.51	6.43	0.49	4.94	0.676
SUB-12216	9.51	0.00	0.00	1.26	6.57	0.20	2.14	0.691
SUB-12218	9.51	0.00	0.00	1.28	6.77	0.15	1.66	0.712
SUB-12222	9.51	0.00	0.00	1.55	6.73	0.30	3.25	0.708
SUB-12224	9.51	0.00	0.00	1.55	6.88	0.22	2.46	0.723
SUB-12226	9.51	0.00	0.00	1.55	7.10	0.33	4.01	0.746
SUB-12228	9.51	0.00	0.00	1.55	7.04	0.35	4.14	0.740
SUB-12230	9.51	0.00	0.00	1.55	7.09	0.13	1.53	0.746
SUB-12232	9.51	0.00	0.00	1.55	7.09	0.13	1.54	0.746
SUB-12234	9.51	0.00	0.00	1.55	6.87	0.22	2.48	0.723
SUB-12238	9.51	0.00	0.00	1.55	7.19	0.30	3.75	0.756
SUB-12240	9.51	0.00	0.00	1.55	7.46	0.23	3.03	0.785
SUB-12242	9.51	0.00	0.00	1.55	6.57	0.41	4.26	0.691
SUB-12244	9.51	0.00	0.00	1.55	6.74	0.29	3.21	0.708
SUB-12246	9.51	0.00	0.00	1.55	6.88	0.21	2.45	0.723
SUB-12248	9.51	0.00	0.00	1.55	6.86	0.22	2.51	0.722
SUB-12250	9.51	0.00	0.00	1.55	6.64	0.35	3.78	0.699
SUB-12252	9.51	0.00	0.00	1.55	6.33	1.03	10.03	0.665
SUB-12256	9.51	0.00	0.00	1.55	6.94	0.38	4.41	0.730
SUB-12258	9.51	0.00	0.00	1.55	7.05	0.42	5.00	0.741
SUB-12260	9.51	0.00	0.00	1.55	6.87	0.40	4.56	0.723
SUB-12262	9.51	0.00	0.00	1.55	7.10	0.28	3.39	0.746
SUB-12264	9.51	0.00	0.00	1.55	7.13	0.36	4.36	0.750
SUB-12266	9.51	0.00	0.00	1.55	6.65	0.35	3.72	0.700
SUB-12268	9.51	0.00	0.00	1.55	6.77	0.54	6.03	0.712
SUB-12272	9.51	0.00	0.00	1.55	6.98	0.55	6.44	0.734
SUB-12274	9.51	0.00	0.00	1.55	6.59	0.36	3.83	0.693
SUB-12276	9.51	0.00	0.00	1.55	6.47	0.63	6.36	0.681
SUB-12278	9.51	0.00	0.00	1.55	6.49	0.50	5.08	0.682
SUB-12280	9.51	0.00	0.00	1.55	6.34	0.66	6.41	0.667
SUB-12284	9.51	0.00	0.00	1.34	6.46	0.39	4.09	0.680
SUB-12286	9.51	0.00	0.00	1.73	6.53	0.38	3.69	0.686
SUB-12288	9.51	0.00	0.00	2.12	7.03	0.77	8.68	0.740
SUB-12290	9.51	0.00	0.00	1.55	6.77	0.37	4.09	0.712
SUB-12292	9.51	0.00	0.00	1.55	6.77	0.44	4.88	0.712
SUB-12294	9.51	0.00	0.00	1.55	6.56	0.50	5.22	0.690
SUB-12296	9.51	0.00	0.00	1.55	6.90	0.31	3.58	0.726
SUB-12300	9.51	0.00	0.00	1.55	6.53	0.61	6.32	0.687
SUB-12302	9.51	0.00	0.00	1.55	6.28	0.65	6.18	0.660
SUB-12304	9.51	0.00	0.00	1.45	6.62	0.28	3.04	0.696
SUB-12306	9.51	0.00	0.00	1.55	6.69	0.60	6.47	0.704
SUB-12308	9.51	0.00	0.00	1.55	6.64	0.94	10.07	0.698
SUB-12310	9.51	0.00	0.00	1.11	5.95	0.77	7.49	0.626
SUB-12312	9.51	0.00	0.00	1.55	7.46	0.11	1.53	0.784
SUB-12314	9.51	0.00	0.00	1.23	6.19	0.59	5.86	0.651
SUB-12316	9.51	0.00	0.00	1.14	6.37	0.49	4.97	0.670
SUB-12318	9.51	0.00	0.00	1.55	6.80	0.64	7.11	0.715
SUB-12320	9.51	0.00	0.00	1.55	6.87	0.39	4.47	0.723
SUB-12322	9.51	0.00	0.00	1.55	6.45	0.52	5.24	0.678
SUB-12324	9.51	0.00	0.00	1.55	6.82	0.54	6.10	0.717
SUB-12326	9.51	0.00	0.00	1.55	7.38	0.14	1.82	0.776
SUB-12328	9.51	0.00	0.00	1.55	6.81	0.25	2.79	0.716
SUB-12330	9.51	0.00	0.00	1.55	7.02	0.15	1.80	0.738
SUB-12332	9.51	0.00	0.00	1.55	7.29	0.16	2.00	0.766
SUB-12334	9.51	0.00	0.00	1.55	6.77	0.27	3.00	0.712
SUB-12336	9.51	0.00	0.00	1.55	7.08	0.13	1.57	0.745
SUB-12340	9.51	0.00	0.00	1.48	6.50	0.39	4.07	0.683
SUB-12344	9.51	0.00	0.00	1.55	6.69	0.32	3.47	0.704
SUB-12346	9.51	0.00	0.00	1.55	6.67	0.33	3.58	0.702
SUB-12348	9.51	0.00	0.00	1.51	6.49	0.43	4.39	0.682
SUB-12350	9.51	0.00	0.00	1.51	6.50	0.41	4.30	0.684
SUB-12352	9.51	0.00	0.00	1.55	6.48	0.49	4.98	0.682
SUB-12354	9.51	0.00	0.00	1.55	6.41	0.56	5.61	0.674
SUB-12356	9.51	0.00	0.00	1.50	6.61	0.33	3.54	0.695
SUB-12358	9.51	0.00	0.00	1.55	6.79	0.26	2.89	0.714
SUB-12362	9.51	0.00	0.00	1.55	7.33	0.06	0.81	0.771
SUB-12364	9.51	0.00	0.00	1.29	7.15	0.08	0.87	0.752
SUB-12366	9.51	0.00	0.00	1.43	7.17	0.09	1.04	0.754
SUB-12368	9.51	0.00	0.00	0.29	4.43	0.17	0.88	0.466
SUB-12372	9.51	0.00	0.00	0.80	5.04	0.19	1.62	0.530
SUB-12374	9.51	0.00	0.00	0.87	5.80	0.49	4.39	0.609

SUB-12376	9.51	0.00	0.00	0.87	7.43	0.32	2.83	0.781
SUB-12380	9.51	0.00	0.00	0.87	6.65	0.69	6.19	0.699
SUB-12382	9.51	0.00	0.00	0.28	5.64	0.21	0.96	0.593
SUB-12386	9.51	0.00	0.00	0.31	4.89	0.18	0.95	0.514
SUB-12388	9.51	0.00	0.00	0.32	4.47	0.25	1.35	0.470
SUB-12394	9.51	0.00	0.00	0.87	5.94	0.21	1.88	0.624
SUB-12396	9.51	0.00	0.00	0.87	5.12	0.49	4.39	0.538
SUB-12398	9.51	0.00	0.00	0.87	6.04	0.19	1.69	0.635
SUB-12400	9.51	0.00	0.00	0.87	6.33	0.14	1.22	0.665
SUB-12402	9.51	0.00	0.00	0.87	5.27	0.42	3.78	0.554
SUB-12404	9.51	0.00	0.00	0.87	5.58	0.31	2.74	0.587
SUB-12408	9.51	0.00	0.00	0.87	4.70	0.78	6.80	0.494
SUB-12410	9.51	0.00	0.00	0.87	5.76	0.25	2.27	0.606
SUB-12414	9.51	0.00	0.00	0.87	5.34	0.39	3.50	0.562
SUB-12418	9.51	0.00	0.00	0.87	5.08	0.51	4.56	0.534
SUB-12420	9.51	0.00	0.00	0.87	5.83	0.23	2.11	0.613
SUB-12422	9.51	0.00	0.00	0.87	5.73	0.26	2.35	0.602
SUB-12424	9.51	0.00	0.00	0.35	4.68	0.23	1.31	0.492
SUB-12428	9.51	0.00	0.00	0.36	5.25	0.15	0.84	0.552
SUB-12430	9.51	0.00	0.00	0.81	5.07	0.44	3.82	0.533
SUB-12432	9.51	0.00	0.00	1.55	6.98	0.17	1.97	0.734
SUB-12434	9.51	0.00	0.00	0.85	5.50	0.31	2.78	0.578
SUB-12438	9.51	0.00	0.00	1.55	6.64	0.73	7.83	0.698
SUB-12442	9.51	0.00	0.00	1.55	7.54	0.09	1.24	0.793
SUB-12444	9.51	0.00	0.00	0.30	5.28	0.17	0.85	0.555
SUB-12446	9.51	0.00	0.00	0.39	4.98	0.19	1.15	0.523
SUB-12448	9.51	0.00	0.00	1.55	7.14	0.37	4.55	0.750
SUB-12450	9.51	0.00	0.00	1.55	6.87	0.22	2.46	0.723
SUB-12452	9.51	0.00	0.00	1.55	6.79	0.26	2.92	0.714
SUB-12454	9.51	0.00	0.00	1.44	6.63	0.27	2.92	0.698
SUB-12456	9.51	0.00	0.00	1.45	6.82	0.19	2.18	0.717
SUB-12458	9.51	0.00	0.00	1.27	6.55	0.22	2.29	0.689
SUB-12460	9.51	0.00	0.00	0.00	7.46	0.33	3.25	0.784

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Node Depth Summary
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Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum Run HGL Feet	Time of Max Occurrence days hr:min	Maximum Output HGL Feet	Time of Max Occurrence days hr:min
J-102	JUNCTION	3.18	7.95	3.39	2 16:06	3.39	2 16:07
J-104	JUNCTION	3.21	7.89	3.33	2 15:52	3.33	2 15:52
J-106	JUNCTION	3.19	7.88	3.32	2 15:44	3.32	2 15:44
J-109	JUNCTION	3.18	7.73	3.17	2 15:33	3.17	2 15:33
J-11	JUNCTION	3.34	7.72	3.16	2 21:04	3.16	2 21:05
J-110	JUNCTION	2.71	7.29	3.17	2 15:33	3.17	2 15:33
J-113	JUNCTION	3.16	7.64	3.08	2 15:15	3.08	2 15:16
J-114	JUNCTION	3.12	7.64	3.08	2 15:15	3.08	2 15:15
J-118	JUNCTION	3.11	7.63	3.07	2 15:14	3.07	2 15:15
J-12	JUNCTION	3.31	7.72	3.16	2 21:04	3.16	2 21:05
J-121	JUNCTION	3.17	7.88	3.32	2 15:42	3.32	2 15:42
J-126	JUNCTION	4.04	7.04	3.48	2 14:18	3.47	2 14:21
J-126A	JUNCTION	4.04	7.59	4.03	2 14:03	3.84	3 04:09
J-127	JUNCTION	3.82	6.88	3.32	2 15:39	3.32	2 15:40
J-128	JUNCTION	2.19	6.86	3.30	2 15:40	3.30	2 15:41
J-129	JUNCTION	2.14	6.63	3.07	2 15:14	3.07	2 15:14
J-130	JUNCTION	2.14	6.56	3.00	2 13:08	3.00	2 13:08
J-131	JUNCTION	2.10	7.05	3.49	3 01:15	3.49	2 22:36
J-132	JUNCTION	2.16	6.64	3.08	2 12:59	3.08	2 13:00
J-137	JUNCTION	2.18	6.66	3.10	2 13:15	3.10	2 13:15
J-139	JUNCTION	2.18	6.71	3.15	2 14:09	3.15	2 14:09
J-140	JUNCTION	2.24	6.87	3.31	2 15:05	3.31	2 15:06
J-147	JUNCTION	2.30	7.17	3.61	2 15:54	3.61	2 15:54
J-148	JUNCTION	2.31	7.25	3.69	2 15:52	3.69	2 15:53
J-149	JUNCTION	2.30	7.25	3.69	2 15:52	3.69	2 15:53
J-15	JUNCTION	2.87	7.31	3.25	2 15:42	3.25	2 15:43
J-152	JUNCTION	2.33	7.30	3.74	2 15:46	3.74	2 15:47
J-153	JUNCTION	2.34	7.33	3.77	2 15:34	3.77	2 15:35
J-155	JUNCTION	2.33	7.35	3.79	2 15:22	3.79	2 15:22
J-156	JUNCTION	2.35	7.41	3.85	2 14:50	3.85	2 14:51
J-158	JUNCTION	2.33	7.48	3.92	2 14:18	3.92	2 14:18
J-158A	JUNCTION	2.33	7.48	3.92	2 14:18	3.92	2 14:19
J-15A	JUNCTION	2.38	6.82	3.26	2 15:04	3.25	2 15:47
J-160	JUNCTION	2.33	7.49	3.93	2 14:24	3.93	2 14:24
J-161	JUNCTION	2.01	6.56	3.00	2 21:20	3.00	2 21:21
J-162	JUNCTION	1.94	7.31	3.75	3 00:12	3.75	2 11:42

J-163	JUNCTION	1.93	6.22	2.66	2	12:22	2.66	2	12:23
J-164	JUNCTION	1.88	6.51	2.95	2	22:53	2.95	2	11:47
J-165	JUNCTION	1.84	6.60	3.04	2	11:35	3.04	2	23:30
J-166	JUNCTION	1.75	6.37	2.81	2	11:32	2.81	2	11:22
J-167	JUNCTION	1.73	6.02	2.46	2	22:27	2.46	2	22:39
J-168	JUNCTION	1.75	6.16	2.60	2	11:49	2.60	2	21:01
J-169	JUNCTION	1.76	6.31	2.75	2	11:33	2.75	2	22:24
J-170	JUNCTION	1.75	6.41	2.85	2	22:03	2.85	2	22:04
J-174	JUNCTION	2.36	7.49	3.93	2	14:24	3.93	2	14:24
J-175	JUNCTION	2.34	7.49	3.93	2	14:23	3.93	2	14:23
J-176	JUNCTION	2.33	7.49	3.93	2	14:21	3.93	2	14:22
J-179	JUNCTION	2.81	7.99	3.93	2	14:28	3.93	2	14:29
J-18	JUNCTION	2.38	6.81	3.25	2	15:41	3.25	2	15:45
J-180	JUNCTION	2.23	7.02	3.46	2	16:03	3.46	2	16:19
J-180A	JUNCTION	2.23	7.62	4.06	2	14:17	3.76	3	04:14
J-185	JUNCTION	2.63	7.58	3.52	2	16:15	3.52	2	16:15
J-185A	JUNCTION	2.14	7.32	3.76	2	14:59	3.71	2	15:46
J-188	JUNCTION	3.05	8.01	3.95	2	14:30	3.95	2	14:30
J-188A	JUNCTION	2.55	7.51	3.95	2	14:29	3.95	2	14:29
J-191	JUNCTION	2.50	7.08	3.52	2	18:59	3.52	2	19:00
J-191A	JUNCTION	2.49	7.37	3.81	3	04:28	3.72	3	03:52
J-195	JUNCTION	3.09	7.51	3.95	2	14:45	3.95	2	14:41
J-195A	JUNCTION	3.09	7.57	4.01	2	14:58	3.97	2	14:52
J-198	JUNCTION	3.16	7.50	3.94	2	14:28	3.94	2	14:29
J-199	JUNCTION	3.14	7.36	3.80	2	15:51	3.80	2	15:51
J-19A	JUNCTION	2.38	6.92	3.36	3	04:20	3.33	2	13:43
J-203	JUNCTION	3.09	7.31	3.75	2	16:07	3.75	2	16:07
J-204	JUNCTION	3.10	7.32	3.76	2	16:03	3.76	2	16:03
J-206	JUNCTION	3.10	7.18	3.62	2	16:13	3.62	2	16:14
J-208	JUNCTION	3.06	7.14	3.58	2	16:12	3.58	2	16:13
J-209	JUNCTION	3.07	7.14	3.58	2	16:09	3.58	2	16:09
J-212	JUNCTION	3.11	7.12	3.56	2	16:08	3.56	2	16:08
J-213	JUNCTION	3.00	7.10	3.54	2	16:06	3.54	2	16:07
J-213A	JUNCTION	3.00	7.37	3.81	2	15:01	3.75	2	16:49
J-217	JUNCTION	6.98	11.19	3.50	2	16:35	3.50	2	16:35
J-218	JUNCTION	6.81	10.63	3.49	2	16:41	3.49	2	16:42
J-222	JUNCTION	4.80	8.64	3.48	2	16:15	3.48	2	16:16
J-223	JUNCTION	4.66	8.54	3.48	2	16:14	3.48	2	16:15
J-223A	JUNCTION	3.15	7.55	3.99	2	14:04	3.87	2	14:04
J-225	JUNCTION	3.13	6.99	3.43	2	16:30	3.43	2	16:31
J-226	JUNCTION	3.11	6.98	3.42	2	16:18	3.42	2	16:18
J-232	JUNCTION	3.12	6.95	3.39	2	16:32	3.39	2	16:32
J-233	JUNCTION	3.05	6.92	3.36	2	16:27	3.36	2	16:28
J-235	JUNCTION	2.96	6.92	3.36	2	16:27	3.36	2	16:27
J-238	JUNCTION	4.06	7.89	3.33	2	16:19	3.33	2	16:19
J-24	JUNCTION	2.43	6.82	3.26	2	16:04	3.26	2	16:04
J-242	JUNCTION	3.08	6.89	3.33	2	16:19	3.33	2	16:19
J-244	JUNCTION	3.14	6.89	3.33	2	16:15	3.33	2	16:15
J-247	JUNCTION	3.17	6.89	3.33	2	16:15	3.33	2	16:15
J-248	JUNCTION	3.10	6.85	3.29	2	16:15	3.29	2	16:15
J-249	JUNCTION	3.09	6.85	3.29	2	16:14	3.29	2	16:15
J-25	JUNCTION	2.39	6.82	3.26	2	16:03	3.26	2	16:03
J-253	JUNCTION	3.23	6.24	2.68	2	13:27	2.68	2	13:28
J-254	JUNCTION	3.25	6.20	2.64	2	13:24	2.64	2	13:24
J-256	JUNCTION	3.24	6.16	2.60	2	13:21	2.60	2	13:21
J-259	JUNCTION	3.18	5.89	2.33	2	19:58	2.33	2	19:58
J-25A	JUNCTION	2.39	6.86	3.30	2	13:58	3.28	2	14:59
J-260	JUNCTION	3.74	6.57	3.01	2	20:38	3.01	2	20:38
J-261	JUNCTION	2.96	5.92	2.36	2	19:55	2.34	2	19:56
J-261-WEIR	JUNCTION	1.05	6.12	2.56	2	19:55	2.34	2	19:56
J-262	JUNCTION	1.02	6.57	3.01	2	10:25	3.00	2	11:46
J-266	JUNCTION	3.10	6.52	2.96	2	16:19	2.96	2	16:20
J-267	JUNCTION	3.58	7.06	3.00	2	16:16	3.00	2	16:16
J-268	JUNCTION	4.05	7.71	3.15	2	15:39	3.12	2	14:59
J-268-WEIR	JUNCTION	1.24	7.66	3.10	2	15:31	3.10	2	15:32
J-269	JUNCTION	4.10	7.70	3.14	2	15:33	3.14	2	15:33
J-27	JUNCTION	2.41	6.84	3.28	2	16:24	3.28	2	16:25
J-271	JUNCTION	0.00	0.00	-3.50	0	00:00	-3.50	0	00:00
J-275	JUNCTION	4.08	7.66	3.10	2	21:01	3.10	2	21:02
J-278	JUNCTION	2.70	5.40	1.84	2	10:58	1.84	1	15:43
J-27A	JUNCTION	2.41	6.89	3.33	2	16:35	3.30	2	16:15
J-280	JUNCTION	2.92	5.60	2.04	2	09:39	2.04	2	10:45
J-281	JUNCTION	3.16	5.75	2.19	2	21:17	2.19	2	21:18
J-282	JUNCTION	3.28	6.09	2.53	2	21:22	2.53	2	21:22
J-283	JUNCTION	3.33	6.50	2.94	2	21:03	2.94	2	21:03
J-284	JUNCTION	3.35	6.67	3.11	2	20:57	3.11	2	20:58
J-284-WEIR	JUNCTION	0.00	0.00	-3.56	0	00:00	-3.56	0	00:00
J-285	JUNCTION	4.58	7.66	3.10	2	21:02	3.10	2	21:02
J-286	JUNCTION	3.43	7.16	3.10	2	15:31	3.10	2	15:31
J-288	JUNCTION	3.36	6.68	3.12	2	20:57	3.12	2	20:57

J-288A	JUNCTION	3.35	6.84	3.28	2	22:41	3.14	2	15:04
J-290	JUNCTION	2.73	6.85	3.29	2	12:46	3.29	2	12:46
J-290A	JUNCTION	2.73	6.85	3.29	2	12:46	3.29	2	12:46
J-293	JUNCTION	2.75	6.77	3.21	2	13:50	3.21	2	13:51
J-295	JUNCTION	2.74	6.76	3.20	2	13:55	3.20	2	13:56
J-296	JUNCTION	2.75	6.75	3.19	2	14:02	3.19	2	14:02
J-297	JUNCTION	2.71	6.68	3.12	2	15:34	3.12	2	15:34
J-30	JUNCTION	2.48	6.85	3.29	2	16:37	3.29	2	16:38
J-300	JUNCTION	3.21	7.18	3.12	2	15:33	3.12	2	15:34
J-301	JUNCTION	3.42	7.18	3.12	2	15:16	3.12	2	15:17
J-304	JUNCTION	2.28	7.18	3.12	2	15:34	3.12	2	15:35
J-305	JUNCTION	2.27	7.18	3.12	2	15:37	3.12	2	15:37
J-31	JUNCTION	2.43	6.85	3.29	2	16:46	3.29	2	16:47
J-310	JUNCTION	1.78	6.68	3.12	2	15:27	3.12	2	15:28
J-312	JUNCTION	1.78	6.68	3.12	2	15:42	3.12	2	15:43
J-314	JUNCTION	1.78	6.79	3.23	2	13:55	3.23	2	13:56
J-314A	JUNCTION	1.78	6.79	3.23	2	13:55	3.23	2	13:56
J-317	JUNCTION	1.82	6.82	3.26	2	16:22	3.26	2	16:22
J-31A	JUNCTION	2.43	6.91	3.35	2	18:31	3.33	2	18:42
J-321	JUNCTION	1.80	6.84	3.28	2	16:14	3.28	2	16:17
J-321A	JUNCTION	1.80	6.87	3.31	2	16:35	3.30	2	16:23
J-323	JUNCTION	1.82	6.84	3.28	2	16:20	3.28	2	16:20
J-324	JUNCTION	1.81	6.86	3.30	2	16:40	3.30	2	16:51
J-324A	JUNCTION	1.80	6.89	3.33	2	16:23	3.31	2	16:32
J-327	JUNCTION	2.44	6.82	3.26	2	14:04	3.26	2	14:05
J-328	JUNCTION	2.40	6.82	3.26	2	14:07	3.26	2	14:07
J-328A	JUNCTION	2.40	6.82	3.26	2	14:07	3.26	2	14:07
J-33	JUNCTION	2.41	6.77	3.21	2	17:34	3.21	2	17:34
J-333	JUNCTION	2.55	7.17	3.61	2	16:34	3.61	2	16:35
J-334	JUNCTION	2.50	7.16	3.60	2	14:26	3.60	2	14:26
J-335	JUNCTION	2.50	7.05	3.49	2	18:14	3.49	2	18:14
J-341	JUNCTION	2.44	6.90	3.34	2	19:49	3.34	2	19:50
J-341A	JUNCTION	2.43	7.00	3.44	2	19:48	3.36	2	19:10
J-342	JUNCTION	2.21	7.23	3.67	2	17:37	3.67	2	17:38
J-343	JUNCTION	2.79	7.72	3.66	2	17:49	3.66	2	17:50
J-348	JUNCTION	2.33	7.11	3.55	2	19:37	3.55	2	19:37
J-351	JUNCTION	2.28	7.06	3.50	2	19:34	3.50	2	19:34
J-351A	JUNCTION	2.27	7.19	3.63	2	20:10	3.57	2	20:01
J-354	JUNCTION	4.23	7.23	3.67	2	16:13	3.67	2	16:13
J-354A	JUNCTION	4.23	7.56	4.00	2	18:58	3.90	2	16:09
J-354B	JUNCTION	4.22	7.91	4.35	2	18:57	4.25	2	21:31
J-355	JUNCTION	4.26	7.18	3.62	2	19:41	3.62	2	19:41
J-355A	JUNCTION	4.26	7.26	3.70	2	19:02	3.68	2	18:32
J-359	JUNCTION	2.67	7.70	3.64	2	18:30	3.63	2	19:32
J-36	JUNCTION	2.51	6.78	3.22	2	18:03	3.22	2	17:35
J-362	JUNCTION	2.06	7.26	3.70	2	17:38	3.70	2	17:38
J-363	JUNCTION	2.00	7.27	3.71	2	17:34	3.71	2	17:34
J-364	JUNCTION	1.93	7.27	3.71	2	17:32	3.71	2	17:33
J-367	JUNCTION	2.43	7.29	3.73	2	13:55	3.73	2	13:55
J-368	JUNCTION	2.40	7.30	3.74	2	13:51	3.74	2	13:52
J-369	JUNCTION	2.43	7.30	3.74	2	13:51	3.74	2	13:51
J-374	JUNCTION	1.89	7.27	3.71	2	17:32	3.71	2	17:33
J-375	JUNCTION	2.96	7.78	3.72	2	13:48	3.72	2	13:48
J-380	JUNCTION	2.33	7.77	3.71	2	17:30	3.71	2	17:30
J-380A	JUNCTION	1.83	7.51	3.95	3	02:52	3.72	2	16:25
J-381	JUNCTION	3.22	8.76	3.70	2	17:06	3.70	2	17:06
J-384	JUNCTION	3.50	8.28	3.72	2	13:47	3.72	2	13:47
J-385	JUNCTION	2.50	7.57	4.01	3	05:15	4.00	3	05:41
J-388	JUNCTION	3.55	8.28	3.72	2	13:44	3.72	2	13:45
J-389	JUNCTION	2.99	7.78	3.72	2	13:45	3.72	2	13:46
J-393	JUNCTION	3.04	7.79	3.73	2	13:43	3.73	2	13:43
J-396	JUNCTION	3.06	7.86	3.80	2	13:20	3.80	2	13:21
J-399	JUNCTION	2.50	7.42	3.86	3	01:57	3.85	3	02:22
J-40	JUNCTION	2.51	6.89	3.33	2	18:42	3.33	2	18:42
J-402	JUNCTION	2.46	7.86	4.30	2	12:53	4.30	2	12:53
J-402A	JUNCTION	2.46	7.87	4.31	2	12:53	4.31	2	12:53
J-405	JUNCTION	2.47	7.45	3.89	2	13:28	3.89	2	13:28
J-407	JUNCTION	2.46	7.41	3.85	2	13:36	3.85	2	13:37
J-409	JUNCTION	2.93	7.87	3.81	2	13:47	3.81	2	13:47
J-40A	JUNCTION	2.51	6.89	3.33	2	18:41	3.33	2	18:42
J-40B	JUNCTION	2.51	7.36	3.80	3	01:43	3.52	3	01:44
J-40C	JUNCTION	2.51	6.96	3.40	2	20:17	3.37	2	19:56
J-410	JUNCTION	3.02	7.86	3.80	2	13:49	3.80	2	13:50
J-412	JUNCTION	2.44	7.35	3.79	2	13:53	3.79	2	13:53
J-414	JUNCTION	2.46	7.37	3.81	2	14:06	3.81	2	14:06
J-415	JUNCTION	4.02	8.99	3.83	2	14:11	3.83	2	14:12
J-415A	JUNCTION	2.44	7.39	3.83	2	14:11	3.83	2	14:12
J-415B	JUNCTION	2.44	7.39	3.83	2	14:10	3.83	2	14:11
J-416	JUNCTION	3.42	8.37	3.81	2	14:04	3.81	2	14:05
J-417	JUNCTION	3.44	8.26	3.70	2	13:43	3.70	2	13:43

J-42	JUNCTION	2.49	6.92	3.36	2	19:53	3.36	2	19:53
J-421	JUNCTION	2.46	7.26	3.70	2	13:44	3.70	2	13:45
J-422	JUNCTION	2.48	7.28	3.72	2	18:04	3.72	2	18:04
J-422A	JUNCTION	2.48	7.30	3.74	2	16:39	3.73	2	16:31
J-423	JUNCTION	4.01	8.40	3.34	2	23:36	3.34	2	21:13
J-423A	JUNCTION	2.54	7.39	3.83	2	23:47	3.47	3	00:38
J-424	JUNCTION	2.62	6.99	3.43	2	16:40	3.43	2	16:41
J-427	JUNCTION	2.63	7.03	3.47	2	16:24	3.47	2	16:25
J-42A	JUNCTION	2.49	6.92	3.36	2	19:53	3.36	2	19:53
J-430	JUNCTION	2.60	7.23	3.67	2	14:50	3.67	2	14:50
J-430A	JUNCTION	2.60	7.37	3.81	2	13:56	3.76	2	14:49
J-431	JUNCTION	4.92	9.22	3.68	2	15:03	3.68	2	15:04
J-431A	JUNCTION	2.96	7.42	3.86	2	14:07	3.84	2	14:27
J-432	JUNCTION	4.89	9.05	3.67	2	15:04	3.67	2	15:01
J-432B	JUNCTION	2.96	7.24	3.68	2	14:39	3.68	2	14:39
J-433	JUNCTION	3.00	7.10	3.57	2	16:52	3.57	2	16:53
J-434	JUNCTION	3.06	7.13	3.57	2	16:53	3.57	2	16:54
J-435	JUNCTION	3.09	7.12	3.56	2	17:27	3.56	2	17:27
J-436	JUNCTION	3.07	7.11	3.55	2	17:38	3.55	2	17:38
J-437	JUNCTION	3.09	7.11	3.55	2	17:43	3.55	2	17:44
J-438	JUNCTION	3.15	7.04	3.48	2	19:36	3.48	2	19:36
J-439	JUNCTION	3.12	7.04	3.48	2	19:24	3.48	2	19:24
J-440	JUNCTION	4.30	8.10	3.04	2	20:47	3.04	2	20:48
J-441	JUNCTION	2.95	7.45	3.89	3	00:46	3.11	3	00:30
J-444	JUNCTION	3.98	8.30	3.24	2	21:09	3.23	2	21:09
J-444-WEIR	JUNCTION	4.31	8.95	3.89	2	12:25	3.82	2	13:14
J-445	JUNCTION	3.98	8.29	3.23	2	21:09	3.23	2	21:10
J-448	JUNCTION	3.07	7.07	3.51	2	20:50	3.51	2	20:51
J-450	JUNCTION	4.03	8.37	3.31	2	21:10	3.31	2	21:10
J-454	JUNCTION	3.06	7.07	3.51	2	20:47	3.51	2	20:47
J-455	JUNCTION	3.28	7.30	3.74	2	20:23	3.74	2	20:23
J-459	JUNCTION	3.74	7.73	3.74	2	20:24	3.74	2	20:24
J-459A	JUNCTION	3.31	7.44	3.88	2	23:47	3.75	2	20:56
J-460-NEW	JUNCTION	3.36	7.73	4.17	2	21:02	4.17	2	21:02
J-463	JUNCTION	3.34	7.74	4.18	2	21:03	4.18	2	21:01
J-466	JUNCTION	3.51	8.89	5.33	2	20:57	5.21	2	21:00
J-468	JUNCTION	2.88	8.66	5.10	2	19:47	5.10	2	19:47
J-47	JUNCTION	3.11	6.44	2.59	2	23:32	2.58	2	23:44
J-470	JUNCTION	2.86	6.74	3.18	2	10:05	3.18	2	10:06
J-471	JUNCTION	3.42	8.77	5.21	2	21:01	5.18	2	20:59
J-478	JUNCTION	2.41	6.36	2.80	2	09:58	2.72	2	09:11
J-479	JUNCTION	2.90	6.21	2.65	2	11:54	2.64	2	11:54
J-480	JUNCTION	2.42	6.52	2.96	2	11:39	2.96	2	11:39
J-481	JUNCTION	2.55	6.53	2.97	2	09:11	2.96	2	04:57
J-482	JUNCTION	2.43	6.59	3.03	2	11:45	3.03	2	11:45
J-484	JUNCTION	2.65	6.78	3.05	2	09:12	3.04	2	11:40
J-485	JUNCTION	2.54	6.60	3.03	2	09:42	3.01	2	11:46
J-486	JUNCTION	2.51	6.36	2.80	2	09:12	2.77	2	11:46
J-487	JUNCTION	2.50	6.64	3.08	2	08:45	3.08	2	11:48
J-489	JUNCTION	2.47	6.51	2.95	2	11:45	2.95	2	11:46
J-491	JUNCTION	2.70	6.20	2.64	2	09:12	2.62	2	11:48
J-492	JUNCTION	2.90	6.64	3.08	2	11:52	3.08	2	11:52
J-493	JUNCTION	2.92	6.52	2.96	2	22:31	2.96	2	22:32
J-495	JUNCTION	2.88	7.00	3.44	2	23:36	3.44	2	23:11
J-497	JUNCTION	2.38	6.43	2.87	2	20:13	2.87	2	20:13
J-498	JUNCTION	2.37	6.70	3.14	2	13:44	3.14	2	13:44
J-498A	JUNCTION	2.37	6.94	3.38	3	01:53	3.24	2	13:23
J-499	JUNCTION	2.37	6.63	3.07	2	13:49	3.07	2	13:49
J-5	JUNCTION	3.77	8.24	3.18	2	20:55	3.18	2	20:55
J-50	JUNCTION	2.95	7.18	3.47	3	05:48	3.46	3	05:33
J-500	JUNCTION	2.37	6.63	3.07	2	13:50	3.07	2	13:50
J-505	JUNCTION	2.37	6.62	3.06	2	13:53	3.06	2	13:54
J-508	JUNCTION	2.37	6.62	3.06	2	13:59	3.06	2	13:59
J-51	JUNCTION	3.15	6.99	3.03	2	23:00	3.01	2	23:00
J-512	JUNCTION	2.37	6.58	3.02	2	13:57	3.02	2	13:57
J-518	JUNCTION	2.36	6.55	2.99	2	13:54	2.99	2	13:55
J-53	JUNCTION	3.66	8.10	3.34	2	18:52	3.34	2	18:53
J-534	JUNCTION	4.71	7.35	3.79	2	21:20	3.79	2	21:20
J-537	JUNCTION	4.91	8.59	5.03	2	19:42	5.03	2	19:43
J-539	JUNCTION	4.84	8.63	5.07	2	20:01	5.06	2	19:41
J-539-WEIR	JUNCTION	4.49	8.69	5.13	2	20:41	5.11	2	20:41
J-539A	JUNCTION	4.84	11.01	7.45	2	12:58	5.39	2	20:41
J-54	JUNCTION	3.66	8.10	3.34	2	18:36	3.34	2	18:36
J-541	JUNCTION	4.58	8.65	5.09	2	19:53	5.09	2	19:53
J-544	JUNCTION	2.91	6.38	2.82	2	20:17	2.82	2	20:17
J-548	JUNCTION	2.78	6.75	3.19	2	22:59	3.19	2	22:59
J-54A	JUNCTION	2.49	6.93	3.37	2	18:34	3.36	2	20:16
J-54B	JUNCTION	2.49	6.90	3.34	2	18:35	3.34	2	18:36
J-550	JUNCTION	2.91	6.69	3.13	2	23:04	3.12	2	22:58
J-553	JUNCTION	3.08	7.13	3.28	2	23:01	3.28	2	23:01

J-554	JUNCTION	3.21	7.92	3.89	2	09:21	3.88	2	07:08
J-555	JUNCTION	3.62	8.29	3.89	2	11:10	3.89	2	07:15
J-557	JUNCTION	6.15	7.25	-0.70	2	21:19	-0.81	2	20:54
J-558	JUNCTION	5.15	6.19	-0.79	2	21:19	-0.84	2	21:19
J-559	JUNCTION	2.73	6.40	2.84	2	08:53	2.84	2	10:54
J-560	JUNCTION	2.63	6.32	2.76	1	22:01	2.75	2	11:29
J-561	JUNCTION	2.90	6.98	2.98	2	08:13	0.98	2	09:28
J-563	JUNCTION	2.30	6.76	3.20	2	20:48	3.20	2	20:49
J-563A	JUNCTION	2.30	6.89	3.33	2	22:41	3.24	2	22:47
J-565	JUNCTION	3.80	8.27	3.21	2	21:08	3.21	2	20:52
J-566	JUNCTION	3.74	9.17	4.11	2	20:23	3.93	2	20:23
J-566-WEIR	JUNCTION	0.91	12.39	8.83	2	20:15	8.11	2	19:56
J-567	JUNCTION	0.96	8.01	4.01	2	12:35	4.01	2	23:02
J-568	JUNCTION	1.82	12.62	3.99	2	20:19	3.99	2	20:19
J-569	JUNCTION	1.41	10.40	4.15	2	20:17	4.11	2	20:17
J-570	JUNCTION	2.27	7.49	3.93	2	20:24	3.85	2	20:24
J-571	JUNCTION	3.36	6.71	3.15	2	20:54	3.15	2	20:54
J-571A	JUNCTION	3.36	7.08	3.52	2	22:41	3.15	2	20:54
J-571B	JUNCTION	3.36	6.87	3.31	2	22:41	3.18	2	14:59
J-572A	JUNCTION	2.18	4.24	0.68	2	21:04	0.67	2	21:22
J-572B	JUNCTION	2.18	4.24	0.68	2	21:04	0.67	2	21:22
J-575	JUNCTION	3.75	8.00	4.00	0	00:00	0.61	2	21:00
J-576	JUNCTION	2.72	7.10	3.04	2	11:13	3.04	2	11:12
J-577	JUNCTION	2.55	6.56	3.00	2	21:20	1.14	2	21:06
J-578	JUNCTION	1.93	7.10	3.04	2	11:13	3.04	2	11:35
J-58	JUNCTION	3.65	8.10	3.34	2	19:15	3.34	2	19:15
J-581	JUNCTION	3.01	8.10	3.04	2	11:12	3.04	2	22:34
J-585	JUNCTION	2.09	7.30	3.24	2	13:00	3.24	2	13:00
J-585B	JUNCTION	2.09	7.30	3.24	2	13:00	3.24	2	13:00
J-588	JUNCTION	2.65	7.77	3.21	2	12:57	3.21	2	12:57
J-58A	JUNCTION	3.65	8.10	3.34	2	19:15	3.34	2	19:16
J-59	JUNCTION	3.65	8.06	3.30	2	16:49	3.30	2	16:43
J-591	JUNCTION	3.95	8.90	2.84	2	21:12	2.84	2	21:12
J-591A	JUNCTION	3.95	8.72	2.66	2	11:52	2.56	2	12:18
J-591B	JUNCTION	3.95	8.72	2.66	2	11:52	2.56	2	12:18
J-596	JUNCTION	2.87	7.97	3.10	2	22:25	3.10	2	21:17
J-596A	JUNCTION	3.39	9.05	3.49	2	11:56	3.29	2	11:54
J-598	JUNCTION	1.86	6.56	3.00	2	13:02	3.00	2	13:02
J-598A	JUNCTION	1.86	6.73	3.17	2	11:55	3.17	2	11:55
J-598B	JUNCTION	1.81	6.56	3.00	2	13:02	3.00	2	13:02
J-59A	JUNCTION	3.65	8.12	3.36	2	17:23	3.34	2	17:26
J-59B	JUNCTION	3.65	8.08	3.32	2	16:27	3.32	2	16:26
J-5A	JUNCTION	3.77	8.24	3.18	2	20:55	3.18	2	20:55
J-6	JUNCTION	3.50	7.94	3.18	2	20:56	3.18	2	20:56
J-60	JUNCTION	3.65	8.09	3.33	2	18:25	3.33	2	18:25
J-601	JUNCTION	1.86	6.21	2.65	2	11:58	2.64	2	11:25
J-602	JUNCTION	1.85	6.08	2.52	2	12:21	2.52	2	12:21
J-603	JUNCTION	2.43	6.56	3.00	2	20:57	1.78	2	21:22
J-604	JUNCTION	1.97	5.56	2.00	2	21:39	2.00	2	22:32
J-606	JUNCTION	2.33	6.33	2.27	2	12:16	2.27	2	12:17
J-607	JUNCTION	2.35	6.50	2.44	2	11:50	2.44	2	11:50
J-609	JUNCTION	1.84	6.20	2.64	2	12:03	2.64	2	12:03
J-61	JUNCTION	3.65	8.10	3.34	2	19:09	3.34	2	19:09
J-611	JUNCTION	1.90	6.64	3.08	2	13:29	3.08	2	13:29
J-611A	JUNCTION	1.90	6.64	3.08	2	13:29	3.08	2	13:29
J-611B	JUNCTION	1.90	6.64	3.08	2	13:29	3.08	2	13:29
J-613	JUNCTION	1.92	6.31	2.75	2	12:27	2.75	2	12:27
J-615	JUNCTION	1.90	6.30	2.74	2	11:36	2.74	2	11:50
J-618	JUNCTION	2.54	6.92	3.36	2	19:53	3.36	2	19:54
J-61A	JUNCTION	2.49	13.56	10.00	3	00:29	6.50	3	01:21
J-623	JUNCTION	2.51	6.91	3.35	2	20:10	3.35	2	20:07
J-624	JUNCTION	2.49	6.91	3.35	2	20:08	3.35	2	20:09
J-624A	JUNCTION	2.48	6.98	3.42	2	21:00	3.40	2	21:01
J-626	JUNCTION	2.50	6.88	3.32	2	20:09	3.32	2	20:10
J-629	JUNCTION	2.58	6.89	3.33	2	20:05	3.33	2	20:05
J-63	JUNCTION	2.49	7.32	3.76	2	14:17	3.76	2	14:17
J-632	JUNCTION	2.56	6.89	3.33	2	18:43	3.33	2	18:44
J-633	JUNCTION	2.98	7.36	3.30	2	18:27	3.30	2	18:28
J-637	JUNCTION	2.50	6.86	3.30	2	18:29	3.30	2	18:29
J-64	JUNCTION	2.46	7.32	3.76	2	14:17	3.76	2	14:18
J-640	JUNCTION	2.52	6.87	3.31	2	18:40	3.31	2	18:40
J-647	JUNCTION	2.48	6.87	3.31	2	18:36	3.31	2	18:36
J-647A	JUNCTION	2.48	7.39	3.83	3	01:43	3.51	3	01:44
J-647B	JUNCTION	2.49	13.55	9.99	2	23:50	7.40	2	23:55
J-650	JUNCTION	2.44	6.79	3.23	2	16:28	3.23	2	16:28
J-653	JUNCTION	2.45	6.82	3.26	2	16:10	3.26	2	15:56
J-653A	JUNCTION	2.45	6.86	3.30	2	13:57	3.29	2	14:01
J-654	JUNCTION	2.45	6.81	3.25	2	16:33	3.25	2	16:33
J-654A	JUNCTION	2.44	6.88	3.32	2	13:56	3.29	2	13:48
J-657	JUNCTION	2.45	6.80	3.24	2	16:25	3.24	2	16:26

J-659	JUNCTION	2.44	6.79	3.23	2	16:16	3.23	2	16:16
J-663	JUNCTION	3.45	7.77	3.21	2	16:15	3.21	2	16:15
J-665	JUNCTION	3.44	7.75	3.19	2	21:14	3.19	2	21:14
J-666	JUNCTION	3.39	7.72	3.16	2	21:07	3.16	2	21:08
J-67	JUNCTION	2.35	7.22	3.66	2	17:07	3.66	2	17:07
J-670	JUNCTION	3.39	7.72	3.16	2	21:07	3.16	2	21:07
J-672	JUNCTION	4.12	7.56	3.00	3	05:59	2.30	2	21:00
J-673	JUNCTION	4.28	7.69	3.13	2	21:07	3.13	2	21:07
J-673A	JUNCTION	4.28	7.69	3.13	2	21:06	3.13	2	21:06
J-678	JUNCTION	3.39	7.72	3.16	2	21:06	3.16	2	21:06
J-67A	JUNCTION	2.31	7.22	3.66	2	17:08	3.66	2	17:08
J-682	JUNCTION	0.66	6.35	3.79	2	13:22	3.79	2	13:23
J-684	JUNCTION	0.65	6.27	3.71	2	11:55	3.71	2	11:56
J-686	JUNCTION	0.62	6.21	3.65	2	11:52	3.65	2	11:53
J-687	JUNCTION	0.58	6.01	3.45	2	11:58	3.44	2	11:59
J-691	JUNCTION	0.53	5.87	3.31	2	12:16	3.31	2	12:17
J-692	JUNCTION	0.44	5.86	3.30	2	11:59	3.29	2	12:17
J-692-WEIR	JUNCTION	0.26	2.84	0.28	2	11:59	-0.05	2	11:57
J-693	JUNCTION	2.31	6.56	4.00	0	00:00	0.61	1	20:59
J-697	JUNCTION	1.20	7.56	4.00	2	11:40	4.00	2	10:59
J-7	JUNCTION	3.35	7.74	3.18	2	20:56	3.18	2	20:56
J-700	JUNCTION	1.19	6.85	3.29	2	11:53	3.29	2	11:53
J-701	JUNCTION	1.18	6.80	3.24	2	11:11	2.59	2	11:05
J-702	JUNCTION	1.18	6.81	3.25	2	11:49	0.83	2	11:58
J-705	JUNCTION	1.19	7.05	3.49	2	10:55	3.49	2	10:55
J-707	JUNCTION	1.19	6.75	3.19	2	11:11	3.19	2	11:28
J-710	JUNCTION	1.20	6.85	3.29	2	11:51	3.29	2	11:40
J-712	JUNCTION	2.56	7.00	3.44	2	12:46	3.44	2	12:46
J-714	JUNCTION	2.76	6.96	3.40	2	12:41	3.40	2	12:42
J-719	JUNCTION	2.82	6.87	3.31	2	14:33	3.31	2	14:34
J-72	JUNCTION	2.46	7.31	3.75	2	14:17	3.75	2	14:18
J-721	JUNCTION	2.77	6.87	3.31	3	02:37	3.31	3	02:37
J-725	JUNCTION	2.76	7.01	3.45	2	14:05	3.45	2	14:05
J-728	JUNCTION	2.86	7.03	3.47	2	14:03	3.47	2	14:04
J-73	JUNCTION	2.51	7.32	3.76	2	14:20	3.76	2	14:20
J-734	JUNCTION	2.98	7.41	3.85	2	12:58	3.85	2	12:59
J-734A	JUNCTION	2.98	7.75	4.19	2	13:01	4.19	2	13:01
J-734B	JUNCTION	2.98	7.41	3.85	2	12:59	3.85	2	12:59
J-735	JUNCTION	3.03	8.20	4.64	3	02:32	4.64	3	02:32
J-736	JUNCTION	6.40	14.29	10.73	3	01:42	10.73	3	01:42
J-74	JUNCTION	2.52	7.33	3.77	2	14:10	3.77	2	14:11
J-740	JUNCTION	3.79	8.14	3.38	2	19:08	3.38	2	19:09
J-741	JUNCTION	3.87	8.24	3.48	2	19:04	3.48	2	19:05
J-744	JUNCTION	3.87	8.24	3.48	2	19:05	3.48	2	19:06
J-745	JUNCTION	3.81	8.24	3.48	2	19:06	3.48	2	19:07
J-745A	JUNCTION	2.64	7.66	4.10	3	04:29	3.78	3	04:29
J-748	JUNCTION	3.96	8.09	3.33	2	19:47	3.33	2	19:47
J-748-WEIR-STANTEC	JUNCTION	3.94	8.08	3.32	2	19:47	3.32	2	19:47
J-748A	JUNCTION	2.79	6.93	3.37	2	19:48	3.33	2	19:54
J-749	JUNCTION	4.06	8.09	3.33	2	19:45	3.33	2	19:46
J-750	JUNCTION	4.05	8.15	3.39	2	19:35	3.39	2	19:36
J-750A	JUNCTION	2.88	7.47	3.91	2	19:03	3.57	2	20:22
J-751	JUNCTION	4.21	8.30	3.39	2	19:36	3.39	2	19:37
J-752	JUNCTION	4.60	8.60	3.24	2	19:47	3.24	2	19:48
J-753	JUNCTION	4.71	8.77	3.30	2	19:46	3.30	2	19:46
J-754	JUNCTION	4.81	8.92	3.35	2	19:44	3.35	2	19:45
J-754-WEIR-STANTEC	JUNCTION	4.54	8.60	3.24	2	19:47	3.24	2	19:48
J-754A	JUNCTION	2.85	7.25	3.69	2	20:17	3.50	2	20:03
J-755	JUNCTION	1.59	6.63	3.07	2	12:44	3.07	2	12:44
J-757	JUNCTION	3.48	8.62	3.06	2	12:46	3.06	2	12:46
J-760	JUNCTION	2.49	6.92	3.36	2	19:53	3.36	2	19:53
J-761	JUNCTION	3.18	7.88	3.32	2	15:45	3.32	2	15:45
J-763	JUNCTION	4.36	8.14	3.08	2	20:45	3.08	2	20:46
J-764	JUNCTION	3.90	8.40	3.34	2	20:24	3.33	2	20:24
J-766	JUNCTION	2.57	7.39	3.83	2	13:02	3.83	2	13:03
J-766A	JUNCTION	2.57	7.66	4.10	2	13:24	3.99	2	13:13
J-768	JUNCTION	2.58	7.29	3.73	2	12:49	3.73	2	12:49
J-769	JUNCTION	2.68	7.13	3.57	2	12:48	3.57	2	12:48
J-77	JUNCTION	2.50	7.40	3.84	2	14:28	3.84	2	14:29
J-771	JUNCTION	2.66	6.89	3.33	2	12:30	3.33	2	12:31
J-772	JUNCTION	2.79	6.89	3.33	2	10:25	3.32	3	00:11
J-774	JUNCTION	2.75	6.86	3.30	2	10:25	3.29	2	12:26
J-776	JUNCTION	2.64	6.86	3.30	2	12:19	3.30	2	12:19
J-778	JUNCTION	2.58	6.85	3.29	2	12:03	3.29	2	23:28
J-77A	JUNCTION	2.49	13.56	10.00	3	02:53	7.14	3	01:00
J-77B	JUNCTION	2.50	7.40	3.84	2	14:28	3.84	2	14:29
J-780	JUNCTION	2.61	6.86	3.30	2	10:26	3.30	2	12:02
J-782	JUNCTION	2.57	6.85	3.29	2	12:04	3.29	2	12:04
J-784	JUNCTION	2.50	6.93	3.37	2	12:23	3.37	2	12:23
J-786	JUNCTION	2.51	6.87	3.31	2	12:17	3.31	2	12:18

J-788	JUNCTION	2.52	6.87	3.31	2	12:01	3.31	2	12:01
J-790	JUNCTION	2.54	6.86	3.30	2	12:01	3.30	2	12:01
J-792	JUNCTION	2.63	6.88	3.32	2	11:59	3.31	2	11:59
J-793	JUNCTION	2.61	6.88	3.32	2	11:59	3.32	2	12:00
J-795	JUNCTION	2.57	6.86	3.30	2	12:02	3.30	2	12:03
J-799	JUNCTION	1.13	7.04	3.44	2	11:52	3.44	2	20:54
J-799-WEIR-EAC	JUNCTION	2.91	7.04	3.44	2	08:40	3.44	2	06:08
J-80	JUNCTION	2.59	7.39	3.83	2	14:33	3.83	2	14:33
J-800	JUNCTION	1.13	6.40	2.80	2	15:04	2.80	2	15:04
J-802	JUNCTION	1.13	6.41	2.81	2	15:05	2.81	2	15:05
J-806	JUNCTION	1.10	6.32	2.72	2	14:34	2.72	2	14:34
J-809	JUNCTION	1.10	6.31	2.71	2	14:31	2.71	2	14:32
J-810	JUNCTION	1.10	6.32	2.72	2	14:32	2.72	2	14:32
J-813	JUNCTION	1.11	6.36	2.76	2	14:30	2.76	2	14:31
J-816	JUNCTION	1.11	6.39	2.79	2	14:28	2.79	2	14:29
J-819	JUNCTION	1.12	6.40	2.80	2	14:29	2.80	2	14:29
J-82	JUNCTION	3.12	7.99	3.93	2	14:31	3.93	2	14:31
J-822	JUNCTION	1.13	6.43	2.83	2	14:28	2.83	2	14:28
J-826	JUNCTION	1.16	6.46	2.86	2	15:26	2.86	2	15:26
J-829	JUNCTION	1.15	6.45	2.85	2	15:17	2.85	2	15:17
J-83	JUNCTION	3.05	7.99	3.93	2	14:32	3.93	2	14:32
J-831	JUNCTION	1.15	6.45	2.85	2	15:15	2.85	2	15:15
J-836	JUNCTION	1.14	6.44	2.84	2	15:09	2.84	2	15:10
J-838	JUNCTION	0.94	6.00	2.40	2	12:45	2.40	2	12:46
J-83A	JUNCTION	3.05	14.06	10.00	2	21:15	5.98	3	05:14
J-84	JUNCTION	3.08	7.99	3.93	2	14:23	3.93	2	14:24
J-841	JUNCTION	0.93	5.83	2.23	2	13:08	2.23	2	13:08
J-844	JUNCTION	0.93	5.76	2.16	2	13:17	2.16	2	13:18
J-848	JUNCTION	0.93	6.04	2.44	2	11:52	2.44	2	11:50
J-850	JUNCTION	0.91	6.60	3.00	2	11:56	3.00	2	11:56
J-851	JUNCTION	0.91	6.29	2.69	2	11:55	2.69	2	11:56
J-856	JUNCTION	5.66	6.63	-2.37	2	12:15	-2.37	2	12:15
J-860	JUNCTION	0.36	1.32	-2.28	2	12:15	-2.29	2	12:15
J-863	JUNCTION	0.38	1.61	-1.99	2	12:15	-1.99	2	12:15
J-865	JUNCTION	0.40	2.09	-1.51	2	12:14	-1.52	2	12:15
J-868	JUNCTION	0.40	2.20	-1.40	2	12:14	-1.40	2	12:15
J-87	JUNCTION	2.64	7.52	3.46	2	15:52	3.46	2	15:53
J-870	JUNCTION	0.41	2.67	-0.93	2	12:14	-0.93	2	12:15
J-879	JUNCTION	3.07	7.06	3.50	3	02:34	3.50	2	11:31
J-88	JUNCTION	2.63	7.48	3.42	2	15:53	3.42	2	15:53
J-880	JUNCTION	3.67	6.07	2.01	2	12:26	2.01	2	12:27
J-881	JUNCTION	3.22	8.23	4.67	3	05:18	4.67	3	05:17
J-882	JUNCTION	3.26	5.62	2.06	2	12:27	2.06	2	12:28
J-883	JUNCTION	5.20	7.77	2.21	2	14:01	2.19	2	14:01
J-884	JUNCTION	3.19	6.02	2.46	2	13:59	2.45	2	14:00
J-888	JUNCTION	2.50	6.91	3.35	2	19:51	3.35	2	19:52
J-889	JUNCTION	2.50	6.92	3.36	2	19:49	3.36	2	19:50
J-891	JUNCTION	2.50	6.92	3.36	2	19:41	3.36	2	19:42
J-892	JUNCTION	2.50	6.92	3.36	2	19:41	3.36	2	19:42
J-894	JUNCTION	2.49	6.92	3.36	2	19:42	3.36	2	19:42
J-896	JUNCTION	2.49	6.92	3.36	2	19:38	3.36	2	19:38
J-899	JUNCTION	2.50	6.91	3.35	2	19:58	3.35	2	19:58
J-899A	JUNCTION	2.50	6.99	3.43	2	21:04	3.39	2	19:52
J-902	JUNCTION	3.77	9.60	5.13	2	15:01	4.57	2	15:49
J-903	JUNCTION	3.72	7.78	3.41	2	19:41	3.40	2	19:41
J-903A	JUNCTION	2.89	7.59	4.03	2	17:14	3.78	2	21:32
J-910	JUNCTION	3.24	4.91	1.35	2	12:14	1.34	2	12:15
J-912	JUNCTION	3.25	5.92	2.36	2	12:14	2.36	2	12:15
J-917	JUNCTION	2.73	9.50	6.00	2	07:46	6.00	2	09:09
J-918	JUNCTION	2.74	6.54	3.04	2	11:52	3.04	2	20:54
J-920	JUNCTION	2.77	7.13	3.13	2	10:07	1.02	2	08:51
J-934	JUNCTION	2.47	6.93	3.37	2	19:39	3.37	2	19:40
J-934A	JUNCTION	2.47	7.29	3.73	2	20:18	3.67	2	20:53
J-951	JUNCTION	2.24	8.18	4.62	2	12:21	4.62	2	12:22
J-953	JUNCTION	2.26	7.63	4.07	2	21:20	4.06	2	22:08
J-954	JUNCTION	2.57	7.03	3.47	2	23:35	3.46	2	23:35
J-958	JUNCTION	1.45	6.46	5.10	2	19:48	5.10	2	19:49
J-96	JUNCTION	2.62	7.47	3.41	2	16:08	3.41	2	16:08
J-963	JUNCTION	3.32	7.72	3.16	2	21:03	3.16	2	21:04
J-99	JUNCTION	2.23	6.97	3.41	2	16:05	3.41	2	16:06
JCT-24	JUNCTION	4.40	6.15	2.59	2	14:30	2.46	2	14:50
JCT-26	JUNCTION	3.83	8.27	2.33	2	12:23	2.33	2	12:24
JCT-26-WEIR	JUNCTION	0.97	7.85	2.36	2	14:19	2.33	2	12:24
JCT-28	JUNCTION	2.67	4.78	0.72	2	20:56	0.71	2	20:57
JCT-28-WEIR	JUNCTION	0.44	4.31	0.75	2	20:51	0.68	2	21:00
JCT-30	JUNCTION	3.33	7.70	3.14	2	21:07	3.14	2	21:07
JCT-32	JUNCTION	1.20	3.83	0.27	2	12:15	0.27	2	12:15
JCT-32-WEIR	JUNCTION	0.38	3.72	0.16	2	11:55	0.15	2	11:56
JCT-36	JUNCTION	3.67	4.75	1.19	2	12:15	1.19	2	12:15
JCT-46	JUNCTION	4.32	7.72	4.16	2	12:14	4.16	2	12:15

JCT-64	JUNCTION	3.48	7.33	3.33	2	16:20	3.33	2	16:21
J-171	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-263	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-279	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-33A	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-386	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-442	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-561A	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-567A	OUTFALL	0.00	0.00	-4.00	0	00:00	-4.00	0	00:00
J-582	OUTFALL	5.24	6.10	0.60	1	21:00	0.61	1	21:00
J-605	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-671	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-694	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-703	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-909	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-911	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-913	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-919	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-920A	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
J-963A	OUTFALL	2.31	3.16	0.60	1	21:00	0.60	1	21:00
J575A	OUTFALL	3.75	4.60	0.60	1	21:00	0.61	1	21:00
OFALL-10	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-12	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-14	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-16	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-18	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-20	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-22	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-24	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-26	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-28	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-30	OUTFALL	0.00	0.00	-2.00	0	00:00	-2.00	0	00:00
OFALL-32	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-34	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-36	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-38	OUTFALL	0.00	0.00	-2.56	0	00:00	-2.56	0	00:00
OFALL-40	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-42	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-44	OUTFALL	0.00	0.00	-2.50	0	00:00	-2.50	0	00:00
OFALL-46	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-48	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-50	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-52	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-54	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-66	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
WELL-2E	OUTFALL	3.25	6.50	4.00	2	12:00	4.00	2	12:01
WELL-3	OUTFALL	1.60	2.55	1.05	2	12:15	1.05	2	12:15
WELL-4	OUTFALL	1.61	2.66	1.16	2	12:15	1.16	2	12:15
WELL-W-ENID-DR	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-856-STORAGE-NEW	STORAGE	6.29	8.16	-7.84	2	12:06	-7.91	2	12:47

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error gal or %
J-102	JUNCTION	0.00	7.48	2	11:12	0	2.78	-1.703 %
J-104	JUNCTION	3.72	7.27	2	11:31	0.347	2.55	12.973 %
J-106	JUNCTION	0.00	11.58	2	11:28	0	1.02	9.835 %
J-109	JUNCTION	0.00	12.88	2	11:32	0	3.5	8.241 %
J-11	JUNCTION	0.00	14.83	2	11:59	0	3.04	8.172 %
J-110	JUNCTION	4.41	10.25	2	11:32	0.379	1.87	0.352 %
J-113	JUNCTION	0.00	12.07	2	12:03	0	3.16	6.177 %
J-114	JUNCTION	0.00	15.65	3	03:49	0	3.27	0.223 %
J-118	JUNCTION	0.00	15.13	2	22:55	0	3.48	1.128 %
J-12	JUNCTION	0.00	17.25	3	01:02	0	2.14	1.062 %
J-121	JUNCTION	4.36	7.63	2	11:22	0.356	0.657	11.679 %
J-126	JUNCTION	10.03	80.85	3	03:55	1.03	2.07	0.146 %
J-126A	JUNCTION	0.00	70.22	3	04:09	0	0.938	0.000 %
J-127	JUNCTION	0.00	6.18	2	11:33	0	1.17	0.022 %
J-128	JUNCTION	0.00	9.77	2	11:30	0	1.27	-0.117 %
J-129	JUNCTION	7.89	9.37	2	12:14	0.678	1.83	-3.339 %
J-130	JUNCTION	0.00	9.62	2	22:58	0	2.53	1.537 %
J-131	JUNCTION	0.00	7.23	3	05:23	0	2.22	1.224 %

J-132	JUNCTION	5.98	5.98	2	12:15	0.528	1.42	0.532 %
J-137	JUNCTION	0.00	3.67	2	11:26	0	0.931	6.925 %
J-139	JUNCTION	0.00	4.89	3	03:11	0	1.67	2.903 %
J-140	JUNCTION	0.00	4.94	3	03:11	0	1.67	2.580 %
J-147	JUNCTION	7.11	7.87	2	12:15	0.635	1.73	-1.101 %
J-148	JUNCTION	0.00	6.38	3	05:38	0	1.42	2.823 %
J-149	JUNCTION	0.00	5.71	2	04:35	0	0.205	7.115 %
J-15	JUNCTION	1.24	23.44	3	04:54	0.0907	1.87	1.344 %
J-152	JUNCTION	6.10	6.10	2	12:15	0.543	1.26	-1.205 %
J-153	JUNCTION	0.00	5.39	2	09:01	0	0.808	4.635 %
J-155	JUNCTION	0.00	4.85	2	05:08	0	0.807	6.830 %
J-156	JUNCTION	0.00	3.53	2	07:51	0	0.817	8.095 %
J-158	JUNCTION	9.99	21.57	2	11:46	1.12	2.3	0.212 %
J-158A	JUNCTION	0.00	18.15	2	10:35	0	0.997	0.334 %
J-15A	JUNCTION	0.00	9.97	2	11:51	0	0.362	2.774 %
J-160	JUNCTION	0.00	9.88	2	11:32	0	1.12	2.168 %
J-161	JUNCTION	2.79	6.58	3	00:33	0.248	2.4	-0.933 %
J-162	JUNCTION	0.00	8.18	2	10:22	0	2.41	0.331 %
J-163	JUNCTION	1.80	12.08	3	04:24	0.152	2.55	1.720 %
J-164	JUNCTION	0.00	6.94	3	00:51	0	2.48	1.458 %
J-165	JUNCTION	1.57	7.46	3	00:45	0.13	2.58	1.093 %
J-166	JUNCTION	3.00	7.78	2	12:20	0.271	2.8	-0.098 %
J-167	JUNCTION	0.00	11.62	2	12:00	0	3.01	1.478 %
J-168	JUNCTION	0.00	6.08	2	08:40	0	0.587	6.483 %
J-169	JUNCTION	2.00	5.48	2	11:42	0.157	0.571	6.619 %
J-170	JUNCTION	1.82	3.15	2	11:33	0.139	0.291	11.010 %
J-174	JUNCTION	0.00	5.81	2	11:16	0	0.39	16.868 %
J-175	JUNCTION	0.00	2.49	2	11:10	0	0.153	26.812 %
J-176	JUNCTION	0.00	10.09	2	10:28	0	1.15	0.029 %
J-179	JUNCTION	0.00	12.29	2	09:22	0	2.38	-6.990 %
J-18	JUNCTION	3.86	36.43	3	04:49	0.325	1.87	1.045 %
J-180	JUNCTION	3.39	17.01	3	03:55	0.28	1.32	0.236 %
J-180A	JUNCTION	0.00	24.09	2	14:06	0	1.25	-2.732 %
J-185	JUNCTION	6.03	21.17	2	11:50	0.544	1.27	1.018 %
J-185A	JUNCTION	0.00	18.90	2	11:50	0	0.548	-13.641 %
J-188	JUNCTION	6.25	22.00	2	12:26	0.541	1.05	1.379 %
J-188A	JUNCTION	0.00	16.81	2	12:26	0	0.557	-12.821 %
J-191	JUNCTION	4.52	49.96	3	04:28	0.37	2.08	0.320 %
J-191A	JUNCTION	0.00	51.19	3	04:28	0	1.85	-0.013 %
J-195	JUNCTION	0.00	17.25	2	11:08	0	1.91	0.429 %
J-195A	JUNCTION	0.00	15.29	2	11:08	0	1.6	-1.840 %
J-198	JUNCTION	7.68	8.80	2	12:15	0.747	1.56	6.350 %
J-199	JUNCTION	0.00	6.70	2	08:40	0	1.46	6.817 %
J-19A	JUNCTION	0.00	25.57	3	04:49	0	0.443	-1.954 %
J-203	JUNCTION	2.92	7.34	2	11:17	0.263	1.62	-2.733 %
J-204	JUNCTION	0.00	7.84	1	20:30	0	1.46	1.804 %
J-206	JUNCTION	0.00	6.21	2	10:14	0	1.63	6.304 %
J-208	JUNCTION	2.46	8.36	2	11:22	0.215	2.38	-0.337 %
J-209	JUNCTION	4.26	5.62	2	09:39	0.407	1.21	15.670 %
J-212	JUNCTION	0.00	5.14	2	10:30	0	1.03	12.816 %
J-213	JUNCTION	3.21	10.05	2	06:53	0.292	1.81	0.485 %
J-213A	JUNCTION	0.00	9.79	2	11:03	0	1.39	6.484 %
J-217	JUNCTION	5.00	7.78	1	15:05	0.418	1.1	-16.964 %
J-218	JUNCTION	0.00	9.16	2	10:57	0	1.68	-2.128 %
J-222	JUNCTION	0.00	27.41	2	03:38	0	2.51	-4.124 %
J-223	JUNCTION	4.56	43.27	2	03:37	0.4	4.54	-0.274 %
J-223A	JUNCTION	0.00	37.87	1	17:09	0	2.14	-0.848 %
J-225	JUNCTION	0.00	5.34	2	10:28	0	1.28	7.110 %
J-226	JUNCTION	3.03	5.69	3	05:41	0.226	1.4	4.993 %
J-232	JUNCTION	0.00	5.01	3	04:22	0	1.31	10.109 %
J-233	JUNCTION	3.74	5.76	2	11:20	0.301	1.58	5.313 %
J-235	JUNCTION	0.00	12.64	3	04:33	0	3.41	3.001 %
J-238	JUNCTION	3.54	17.01	3	05:12	0.285	3.2	15.134 %
J-24	JUNCTION	0.00	5.49	2	11:51	0	0.817	8.533 %
J-242	JUNCTION	2.45	6.57	2	08:47	0.215	0.685	19.837 %
J-244	JUNCTION	2.51	5.73	1	08:20	0.221	0.572	2.125 %
J-247	JUNCTION	4.55	5.85	2	09:45	0.371	1.25	3.554 %
J-248	JUNCTION	0.00	19.94	2	06:59	0	1.63	4.373 %
J-249	JUNCTION	6.12	17.41	2	11:33	0.519	4.24	2.307 %
J-25	JUNCTION	4.95	21.92	2	11:52	0.486	1.89	0.333 %
J-253	JUNCTION	4.44	4.44	2	12:15	0.351	0.689	-5.153 %
J-254	JUNCTION	0.00	6.02	2	09:42	0	1.15	8.751 %
J-256	JUNCTION	6.14	6.14	2	12:15	0.515	1.41	-14.272 %
J-259	JUNCTION	0.00	5.55	2	09:58	0	1.41	6.056 %
J-25A	JUNCTION	0.00	17.42	2	11:52	0	0.432	-3.600 %
J-260	JUNCTION	0.00	7.35	2	20:37	0	1.26	-0.901 %
J-261	JUNCTION	0.00	52.00	2	22:32	0	2.57	-1.040 %
J-261-WEIR	JUNCTION	0.00	60.35	2	22:06	0	1.89	-20.428 %
J-262	JUNCTION	0.00	8.44	2	22:09	0	2.2	-0.169 %
J-266	JUNCTION	4.01	9.32	2	10:02	0.323	2.14	-3.420 %

J-267	JUNCTION	3.78	9.50	2	10:27	0.354	2.12	0.806 %
J-268	JUNCTION	0.00	27.43	2	08:14	0	4.92	-0.619 %
J-268-WEIR	JUNCTION	0.00	14.80	2	10:23	0	0.688	-13.843 %
J-269	JUNCTION	0.00	10.16	2	10:03	0	3.52	3.925 %
J-27	JUNCTION	3.94	26.49	2	11:51	0.371	1.42	0.654 %
J-271	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J-275	JUNCTION	0.00	34.90	2	08:38	0	4.43	0.741 %
J-278	JUNCTION	0.00	6.70	3	01:33	0	3.57	2.131 %
J-27A	JUNCTION	0.00	22.51	2	11:51	0	0.521	5.414 %
J-280	JUNCTION	0.00	6.46	3	00:02	0	3.75	4.087 %
J-281	JUNCTION	0.00	7.56	3	01:11	0	3.8	2.335 %
J-282	JUNCTION	4.27	7.12	3	00:14	0.385	3.8	-1.886 %
J-283	JUNCTION	0.00	8.42	3	02:30	0	3.61	2.608 %
J-284	JUNCTION	0.00	28.78	2	02:43	0	7.48	0.029 %
J-284-WEIR	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J-285	JUNCTION	0.00	36.45	2	06:59	0	7.76	-2.423 %
J-286	JUNCTION	0.00	26.08	2	10:22	0	4.99	-5.327 %
J-288	JUNCTION	2.48	31.38	3	02:55	0.217	6.86	0.764 %
J-288A	JUNCTION	0.00	30.43	2	05:08	0	1.89	-1.413 %
J-290	JUNCTION	7.83	29.91	3	02:26	0.732	2.72	0.663 %
J-290A	JUNCTION	0.00	27.51	3	02:36	0	1.63	0.000 %
J-293	JUNCTION	0.00	7.51	2	10:02	0	1.65	5.788 %
J-295	JUNCTION	0.00	7.43	2	08:47	0	1.59	1.787 %
J-296	JUNCTION	1.53	6.59	2	09:43	0.126	1.67	3.236 %
J-297	JUNCTION	0.00	23.67	1	20:38	0	1.93	2.521 %
J-30	JUNCTION	0.00	3.99	3	05:48	0	0.865	9.111 %
J-300	JUNCTION	1.54	22.91	2	05:46	0.127	4.61	-4.455 %
J-301	JUNCTION	0.00	16.62	2	05:46	0	4.42	-0.758 %
J-304	JUNCTION	0.00	12.25	3	05:11	0	2.63	-0.688 %
J-305	JUNCTION	4.14	14.92	3	05:56	0.347	2.61	0.384 %
J-31	JUNCTION	4.18	18.83	2	11:52	0.379	1.98	0.537 %
J-310	JUNCTION	4.01	9.51	2	11:52	0.33	2.4	0.382 %
J-312	JUNCTION	0.00	10.03	2	11:52	0	3.38	1.081 %
J-314	JUNCTION	3.83	24.93	3	02:51	0.336	1.07	0.603 %
J-314A	JUNCTION	0.00	22.11	3	02:51	0	0.565	0.322 %
J-317	JUNCTION	3.25	5.61	2	11:53	0.296	1.84	1.949 %
J-31A	JUNCTION	0.00	14.13	2	11:52	0	0.968	-4.645 %
J-321	JUNCTION	3.21	19.30	3	03:10	0.269	1.03	0.479 %
J-321A	JUNCTION	0.00	17.00	3	03:10	0	0.591	-3.544 %
J-323	JUNCTION	0.00	4.07	3	04:04	0	0.794	3.475 %
J-324	JUNCTION	4.84	16.31	3	03:24	0.424	1.22	0.254 %
J-324A	JUNCTION	0.00	13.31	3	03:18	0	0.736	-1.332 %
J-327	JUNCTION	0.00	4.42	3	05:56	0	0.471	20.549 %
J-328	JUNCTION	3.19	23.38	3	05:36	0.299	0.602	1.612 %
J-328A	JUNCTION	0.00	22.75	3	05:36	0	0.421	0.707 %
J-33	JUNCTION	0.00	6.06	2	12:01	0	2.13	4.308 %
J-333	JUNCTION	0.00	3.16	2	11:11	0	0.902	11.908 %
J-334	JUNCTION	0.00	5.54	2	11:16	0	1.09	7.083 %
J-335	JUNCTION	0.00	3.77	2	11:26	0	1.06	11.537 %
J-341	JUNCTION	8.69	17.71	2	11:31	0.801	1.9	0.386 %
J-341A	JUNCTION	0.00	17.86	2	11:31	0	1.56	0.000 %
J-342	JUNCTION	8.68	12.55	2	12:15	0.766	2.99	-0.055 %
J-343	JUNCTION	0.00	7.36	2	10:11	0	1.26	10.696 %
J-348	JUNCTION	0.00	3.63	2	11:47	0	1.02	9.278 %
J-351	JUNCTION	4.62	16.93	2	19:02	0.422	1.69	0.354 %
J-351A	JUNCTION	0.00	18.46	2	20:10	0	1.45	-5.076 %
J-354	JUNCTION	4.44	25.84	2	21:31	0.42	1.78	1.033 %
J-354A	JUNCTION	0.00	81.54	2	14:59	0	4.22	0.495 %
J-354B	JUNCTION	0.00	79.21	2	15:33	0	4.14	-34.882 %
J-355	JUNCTION	5.60	18.61	2	11:54	0.44	1.01	-2.213 %
J-355A	JUNCTION	0.00	17.26	2	11:53	0	0.513	-14.487 %
J-359	JUNCTION	0.00	6.78	2	22:29	0	0.86	0.159 %
J-36	JUNCTION	0.00	4.32	3	05:58	0	1.46	8.100 %
J-362	JUNCTION	0.00	5.37	2	11:46	0	2.07	1.088 %
J-363	JUNCTION	3.69	6.32	2	11:53	0.384	2.21	-0.807 %
J-364	JUNCTION	0.00	8.29	2	11:45	0	2	0.256 %
J-367	JUNCTION	0.00	8.26	2	10:49	0	1.75	10.856 %
J-368	JUNCTION	6.41	12.17	3	05:23	0.657	2	0.301 %
J-369	JUNCTION	0.00	8.26	2	11:16	0	1.58	3.320 %
J-374	JUNCTION	0.00	7.30	2	11:53	0	2.03	0.432 %
J-375	JUNCTION	0.00	25.25	2	11:43	0	1.7	2.817 %
J-380	JUNCTION	4.09	31.47	3	04:18	0.391	2.99	0.172 %
J-380A	JUNCTION	0.00	27.58	3	04:18	0	0.601	0.706 %
J-381	JUNCTION	0.00	12.29	2	11:54	0	2.72	-1.545 %
J-384	JUNCTION	6.32	23.18	2	11:46	0.611	3.96	0.298 %
J-385	JUNCTION	0.00	15.24	2	11:29	0	2.71	1.150 %
J-388	JUNCTION	3.58	17.84	2	11:27	0.311	3.12	12.052 %
J-389	JUNCTION	0.00	13.21	3	05:36	0	1.56	4.946 %
J-393	JUNCTION	0.00	8.46	3	05:13	0	1.21	18.678 %
J-396	JUNCTION	5.08	5.08	2	12:15	0.498	1.24	9.758 %

J-399	JUNCTION	0.00	5.47	3	05:14	0	0.993	16.337 %
J-40	JUNCTION	3.86	47.49	2	11:52	0.362	2.32	0.546 %
J-402	JUNCTION	6.36	16.57	3	03:54	0.626	1.12	0.991 %
J-402A	JUNCTION	0.00	15.81	3	04:21	0	0.484	0.712 %
J-405	JUNCTION	0.00	5.09	2	11:36	0	0.778	11.076 %
J-407	JUNCTION	0.00	6.72	3	05:14	0	0.819	11.428 %
J-409	JUNCTION	0.00	6.77	3	05:14	0	0.887	5.311 %
J-40A	JUNCTION	0.00	12.89	2	11:52	0	0.506	0.711 %
J-40B	JUNCTION	0.00	15.35	3	01:43	0	0.944	0.376 %
J-40C	JUNCTION	0.00	14.64	2	11:52	0	0.767	-10.763 %
J-410	JUNCTION	4.09	7.54	3	05:04	0.368	1.32	11.200 %
J-412	JUNCTION	0.00	8.13	3	04:02	0	2.39	2.625 %
J-414	JUNCTION	0.00	8.43	3	04:27	0	1.06	4.623 %
J-415	JUNCTION	4.88	37.39	2	11:52	0.44	1.76	0.436 %
J-415A	JUNCTION	0.00	17.19	2	11:52	0	0.758	0.233 %
J-415B	JUNCTION	0.00	17.08	2	11:53	0	0.551	-0.015 %
J-416	JUNCTION	0.00	7.78	3	02:50	0	1.03	3.716 %
J-417	JUNCTION	0.00	20.31	2	11:36	0	4.49	-1.845 %
J-42	JUNCTION	3.08	24.39	2	10:32	0.257	1.37	-0.048 %
J-421	JUNCTION	6.18	13.20	3	05:12	0.646	2.41	0.972 %
J-422	JUNCTION	3.04	25.55	3	04:54	0.283	1.14	0.683 %
J-422A	JUNCTION	0.00	19.21	3	04:54	0	1.01	0.180 %
J-423	JUNCTION	10.07	34.51	3	01:52	0.943	7.69	-0.921 %
J-423A	JUNCTION	0.00	25.98	3	05:17	0	2.87	0.155 %
J-424	JUNCTION	0.00	5.46	2	11:58	0	1.51	7.390 %
J-427	JUNCTION	0.00	4.73	2	10:34	0	1.52	7.299 %
J-42A	JUNCTION	0.00	19.09	2	10:32	0	0.455	0.685 %
J-430	JUNCTION	6.47	21.07	3	03:00	0.596	2.09	-0.052 %
J-430A	JUNCTION	0.00	16.24	3	03:44	0	1.13	-9.300 %
J-431	JUNCTION	5.22	51.63	3	03:22	0.5	4.47	-0.185 %
J-431A	JUNCTION	0.00	23.79	3	04:08	0	1.92	6.937 %
J-432	JUNCTION	0.00	9.15	3	05:22	0	1.46	12.734 %
J-432B	JUNCTION	0.00	25.05	3	04:08	0	1.76	0.179 %
J-433	JUNCTION	0.00	7.99	1	23:14	0	1.3	13.675 %
J-434	JUNCTION	0.00	11.82	0	19:08	0	1.36	8.751 %
J-435	JUNCTION	0.00	7.88	0	18:45	0	1.37	11.644 %
J-436	JUNCTION	0.00	9.64	1	12:39	0	1.48	5.611 %
J-437	JUNCTION	5.24	9.91	2	11:58	0.519	1.76	-2.623 %
J-438	JUNCTION	4.47	5.05	2	12:18	0.391	0.779	-20.221 %
J-439	JUNCTION	0.00	7.53	2	06:09	0	2.25	9.316 %
J-440	JUNCTION	4.97	20.68	3	00:14	0.493	6.96	0.228 %
J-441	JUNCTION	0.00	8.27	3	00:46	0	1.64	-5.244 %
J-444	JUNCTION	0.00	63.23	2	13:09	0	5.38	0.047 %
J-444-WEIR	JUNCTION	0.00	52.47	2	21:29	0	2.46	-33.435 %
J-445	JUNCTION	1.53	23.85	3	01:08	0.114	5.9	0.175 %
J-448	JUNCTION	0.00	17.16	2	11:14	0	2.73	1.126 %
J-450	JUNCTION	0.00	19.89	3	02:13	0	6.23	2.422 %
J-454	JUNCTION	0.00	15.92	2	09:01	0	2.7	1.147 %
J-455	JUNCTION	0.00	19.77	2	11:13	0	2.71	0.475 %
J-459	JUNCTION	7.49	27.03	2	11:21	0.773	6	0.320 %
J-459A	JUNCTION	0.00	25.69	2	11:20	0	2.8	0.000 %
J-460-NEW	JUNCTION	0.00	30.16	2	11:26	0	5.07	0.349 %
J-463	JUNCTION	0.00	25.82	2	11:28	0	5.24	0.301 %
J-466	JUNCTION	0.00	116.01	2	12:01	0	7.8	-0.855 %
J-468	JUNCTION	0.00	18.57	2	11:12	0	1.14	3.184 %
J-47	JUNCTION	1.31	16.13	3	05:27	0.227	3.37	10.631 %
J-470	JUNCTION	0.96	49.66	2	09:25	0.207	7	-1.066 %
J-471	JUNCTION	0.00	62.76	2	09:30	0	7.04	-3.835 %
J-478	JUNCTION	0.00	71.67	2	09:58	0	10.2	-5.566 %
J-479	JUNCTION	0.85	61.10	2	09:41	0.173	9.46	-1.903 %
J-480	JUNCTION	1.15	47.26	2	09:11	0.193	7.94	-10.739 %
J-481	JUNCTION	3.58	30.76	2	09:41	0.29	7.12	-7.390 %
J-482	JUNCTION	2.44	26.86	2	11:21	0.246	6.96	-4.921 %
J-484	JUNCTION	0.00	14.24	2	04:57	0	0.646	-1.249 %
J-485	JUNCTION	0.00	16.35	2	09:12	0	1.09	12.704 %
J-486	JUNCTION	0.00	29.41	2	11:33	0	7.52	0.780 %
J-487	JUNCTION	2.86	21.91	2	10:27	0.269	6.99	-0.472 %
J-489	JUNCTION	3.83	20.25	2	08:45	0.35	6.76	-1.820 %
J-491	JUNCTION	0.00	15.48	2	09:12	0	6.59	1.161 %
J-492	JUNCTION	0.00	11.86	3	05:14	0	6.6	2.356 %
J-493	JUNCTION	0.95	27.83	3	05:11	0.181	8.74	4.116 %
J-495	JUNCTION	0.00	22.32	2	09:47	0	6.52	5.309 %
J-497	JUNCTION	1.88	6.81	2	11:52	0.209	1.8	6.315 %
J-498	JUNCTION	4.56	22.81	3	02:44	0.513	1.01	-0.556 %
J-498A	JUNCTION	0.00	21.67	3	02:45	0	0.397	0.529 %
J-499	JUNCTION	0.00	11.30	3	01:37	0	0.796	1.090 %
J-5	JUNCTION	9.24	28.45	3	05:18	0.807	4.09	-1.565 %
J-50	JUNCTION	0.00	11.80	3	05:32	0	2.61	13.238 %
J-500	JUNCTION	0.00	8.26	3	02:05	0	0.814	3.177 %
J-505	JUNCTION	0.00	9.30	2	11:53	0	0.93	4.251 %

J-508	JUNCTION	6.80	12.38	3	00:28	0.78	1.65	2.599 %
J-51	JUNCTION	0.00	33.78	2	22:46	0	3.32	7.470 %
J-512	JUNCTION	1.61	10.88	3	03:13	0.18	1.64	3.280 %
J-518	JUNCTION	1.69	9.66	2	11:48	0.187	1.74	1.969 %
J-53	JUNCTION	0.00	3.53	2	11:38	0	0.0447	-1.605 %
J-534	JUNCTION	3.91	6.80	2	12:14	0.437	2.12	-0.047 %
J-537	JUNCTION	0.00	8.59	2	08:46	0	1.72	0.277 %
J-539	JUNCTION	1.62	49.50	2	12:03	0.186	2.1	0.280 %
J-539-WEIR	JUNCTION	0.00	85.51	2	12:01	0	1.17	-0.167 %
J-539A	JUNCTION	0.00	121.52	2	12:03	0	1.27	0.000 %
J-54	JUNCTION	4.94	16.19	2	12:15	0.488	0.942	2.910 %
J-541	JUNCTION	4.07	7.46	2	12:15	0.355	0.501	0.129 %
J-544	JUNCTION	1.35	9.34	3	02:37	0.245	2.44	15.524 %
J-548	JUNCTION	0.00	33.49	2	23:00	0	3.07	-3.835 %
J-54A	JUNCTION	0.00	7.74	2	11:46	0	0.451	30.482 %
J-54B	JUNCTION	0.00	7.74	2	11:46	0	0.145	10.392 %
J-550	JUNCTION	0.84	23.82	2	23:08	0.151	3.08	-13.873 %
J-553	JUNCTION	0.00	29.54	1	16:14	0	4.13	14.904 %
J-554	JUNCTION	0.00	42.75	2	10:42	0	18.1	0.795 %
J-555	JUNCTION	3.82	33.78	2	11:29	0.438	17.3	-2.342 %
J-557	JUNCTION	3.01	13.46	2	20:55	0.272	13.3	-0.236 %
J-558	JUNCTION	0.00	16.88	2	22:02	0	13.3	-0.113 %
J-559	JUNCTION	1.97	31.98	2	08:53	0.167	16.1	0.241 %
J-560	JUNCTION	0.00	28.82	1	17:32	0	15.9	-0.051 %
J-561	JUNCTION	0.00	26.96	2	22:48	0	16.1	0.059 %
J-563	JUNCTION	4.79	36.97	3	04:59	0.41	1.72	2.774 %
J-563A	JUNCTION	0.00	31.82	3	04:59	0	1.07	0.000 %
J-565	JUNCTION	0.00	18.61	3	04:44	0	3.61	14.974 %
J-566	JUNCTION	0.00	227.76	2	13:30	0	5.42	0.694 %
J-566-WEIR	JUNCTION	0.00	179.47	2	20:18	0	2.26	-49.076 %
J-567	JUNCTION	0.00	11.41	2	12:35	0	1.46	1.702 %
J-568	JUNCTION	0.00	26.71	2	13:01	0	1.51	1.984 %
J-569	JUNCTION	0.00	18.55	2	20:16	0	1.61	0.419 %
J-570	JUNCTION	0.00	28.74	2	12:34	0	1.65	0.171 %
J-571	JUNCTION	10.90	52.52	3	00:19	1.11	4.22	0.501 %
J-571A	JUNCTION	0.00	20.71	2	23:17	0	0.757	0.271 %
J-571B	JUNCTION	0.00	19.82	3	00:51	0	0.791	2.591 %
J-572A	JUNCTION	0.00	2.68	2	11:15	0	0.276	0.208 %
J-572B	JUNCTION	0.00	2.68	2	11:15	0	0.179	0.000 %
J-575	JUNCTION	0.00	54.79	0	00:00	0	0.944	0.373 %
J-576	JUNCTION	0.00	4.79	2	11:13	0	0.741	14.143 %
J-577	JUNCTION	0.00	7.36	2	11:22	0	1.14	-1.164 %
J-578	JUNCTION	0.00	6.04	2	11:13	0	1.19	9.888 %
J-58	JUNCTION	2.98	23.37	2	11:44	0.275	0.792	1.644 %
J-581	JUNCTION	0.00	4.08	2	22:33	0	1.28	0.000 %
J-585	JUNCTION	8.22	21.81	2	21:28	0.737	1.82	-0.146 %
J-585B	JUNCTION	0.00	17.56	2	23:43	0	0.993	0.095 %
J-588	JUNCTION	0.00	5.12	2	21:56	0	0.982	26.158 %
J-58A	JUNCTION	0.00	21.01	2	11:44	0	0.141	2.694 %
J-59	JUNCTION	4.61	22.33	2	11:24	0.405	1.11	2.292 %
J-591	JUNCTION	6.27	32.59	2	22:24	0.529	1.65	0.642 %
J-591A	JUNCTION	0.00	12.86	2	10:49	0	0.147	1.888 %
J-591B	JUNCTION	0.00	12.86	2	10:49	0	0.139	1.992 %
J-596	JUNCTION	0.00	2.28	2	11:16	0	0.313	33.373 %
J-596A	JUNCTION	0.00	19.11	2	21:29	0	0.648	-0.798 %
J-598	JUNCTION	8.57	18.85	2	11:54	0.714	1.38	0.411 %
J-598A	JUNCTION	0.00	14.71	2	11:54	0	0.323	0.162 %
J-598B	JUNCTION	0.00	6.82	2	11:52	0	0.311	0.261 %
J-59A	JUNCTION	0.00	10.81	2	11:25	0	0.58	10.535 %
J-59B	JUNCTION	0.00	13.10	2	11:24	0	0.311	5.658 %
J-5A	JUNCTION	0.00	24.20	3	05:18	0	1.75	0.006 %
J-6	JUNCTION	0.00	15.49	2	10:02	0	1.69	6.761 %
J-60	JUNCTION	0.00	5.98	2	10:40	0	0.675	0.842 %
J-601	JUNCTION	0.00	5.48	2	11:23	0	0.906	7.797 %
J-602	JUNCTION	0.00	6.54	2	11:23	0	0.998	5.958 %
J-603	JUNCTION	0.00	8.23	2	13:59	0	1.42	-2.508 %
J-604	JUNCTION	0.00	7.26	2	13:54	0	0.91	0.112 %
J-606	JUNCTION	4.03	11.43	2	13:59	0.363	1.71	5.109 %
J-607	JUNCTION	0.00	7.05	2	13:58	0	1.6	12.701 %
J-609	JUNCTION	0.00	9.42	2	11:47	0	1.74	5.282 %
J-61	JUNCTION	3.04	22.30	2	12:01	0.248	2.26	1.034 %
J-611	JUNCTION	8.90	17.73	2	11:51	0.984	2.21	0.111 %
J-611A	JUNCTION	0.00	7.20	2	11:19	0	0.59	0.152 %
J-611B	JUNCTION	0.00	7.20	2	11:19	0	0.677	0.133 %
J-613	JUNCTION	0.00	4.38	2	11:21	0	1.01	10.674 %
J-615	JUNCTION	0.00	4.25	2	11:31	0	0.95	11.749 %
J-618	JUNCTION	2.87	3.44	2	11:37	0.256	0.646	24.627 %
J-61A	JUNCTION	0.00	52.12	3	01:36	0	2.34	11.048 %
J-623	JUNCTION	0.00	10.73	2	11:50	0	0.602	15.391 %
J-624	JUNCTION	5.07	29.15	3	05:09	0.499	1.82	0.313 %

J-624A	JUNCTION	0.00	17.34	3	05:09	0	0.803	-3.910 %
J-626	JUNCTION	0.00	9.06	2	10:28	0	1.91	4.263 %
J-629	JUNCTION	5.24	5.80	2	12:15	0.455	1.2	-1.247 %
J-63	JUNCTION	6.82	6.82	2	12:15	0.66	1.33	0.210 %
J-632	JUNCTION	2.43	3.70	2	11:08	0.212	0.691	18.644 %
J-633	JUNCTION	4.39	12.43	2	11:15	0.389	1.71	4.616 %
J-637	JUNCTION	1.32	11.53	2	10:18	0.107	1.02	5.291 %
J-64	JUNCTION	0.00	8.11	2	11:16	0	0.805	6.969 %
J-640	JUNCTION	3.33	4.97	2	10:29	0.306	1.03	13.841 %
J-647	JUNCTION	2.63	43.04	3	01:59	0.251	3.95	1.010 %
J-647A	JUNCTION	0.00	24.40	3	05:11	0	1.56	0.603 %
J-647B	JUNCTION	0.00	49.32	2	23:01	0	2.75	4.639 %
J-650	JUNCTION	0.00	16.36	2	11:42	0	3.3	1.355 %
J-653	JUNCTION	5.05	29.04	3	04:42	0.496	0.886	1.056 %
J-653A	JUNCTION	0.00	28.08	3	04:42	0	0.38	0.000 %
J-654	JUNCTION	5.84	35.71	3	05:04	0.497	0.974	2.281 %
J-654A	JUNCTION	0.00	28.20	3	05:04	0	0.506	0.000 %
J-657	JUNCTION	2.87	11.32	2	11:19	0.223	1.4	4.670 %
J-659	JUNCTION	1.68	13.48	2	10:39	0.122	2.21	0.731 %
J-663	JUNCTION	10.74	13.70	2	12:15	1.04	3.35	4.489 %
J-665	JUNCTION	4.09	13.54	2	05:56	0.35	3.59	1.252 %
J-666	JUNCTION	0.00	17.42	2	11:49	0	4.3	7.500 %
J-67	JUNCTION	3.73	8.76	2	11:47	0.296	2.81	0.000 %
J-670	JUNCTION	0.00	17.82	2	10:07	0	1.81	12.816 %
J-672	JUNCTION	4.77	7.15	2	15:00	0.464	3.4	0.043 %
J-673	JUNCTION	5.92	75.41	3	05:59	0.601	3.23	-3.606 %
J-673A	JUNCTION	0.00	9.89	3	05:59	0	0.65	0.369 %
J-678	JUNCTION	6.82	11.35	2	11:45	0.635	2.27	10.625 %
J-67A	JUNCTION	0.00	6.52	2	10:43	0	1.93	4.345 %
J-682	JUNCTION	3.31	4.81	2	12:15	0.303	0.323	0.187 %
J-684	JUNCTION	2.46	3.16	2	11:50	0.216	0.538	0.111 %
J-686	JUNCTION	0.00	3.06	2	11:50	0	0.518	0.182 %
J-687	JUNCTION	2.93	4.19	2	11:51	0.271	0.788	0.077 %
J-691	JUNCTION	0.00	5.84	2	11:51	0	0.787	-0.032 %
J-692	JUNCTION	0.00	6.63	2	11:58	0	0.787	0.009 %
J-692-WEIR	JUNCTION	0.00	3.27	2	11:59	0	0.135	0.212 %
J-693	JUNCTION	0.00	8.25	0	00:00	0	0.136	0.261 %
J-697	JUNCTION	0.00	4.04	2	11:29	0	0.3	2.751 %
J-7	JUNCTION	0.00	12.62	2	10:02	0	1.66	16.505 %
J-700	JUNCTION	4.55	4.55	2	12:15	0.439	0.71	0.639 %
J-701	JUNCTION	0.00	8.27	2	12:15	0	1.21	0.399 %
J-702	JUNCTION	0.00	8.66	2	11:58	0	1.21	0.277 %
J-705	JUNCTION	0.00	5.37	2	12:15	0	0.536	0.588 %
J-707	JUNCTION	0.00	5.37	2	12:15	0	0.538	0.393 %
J-710	JUNCTION	5.37	5.37	2	12:15	0.534	0.535	-0.215 %
J-712	JUNCTION	3.78	4.14	2	13:48	0.423	0.578	-20.603 %
J-714	JUNCTION	4.39	8.20	2	13:34	0.494	1.45	-2.350 %
J-719	JUNCTION	2.74	6.28	2	11:56	0.304	1.87	-3.538 %
J-72	JUNCTION	0.00	9.26	3	04:42	0	2.71	2.844 %
J-721	JUNCTION	0.00	7.72	2	10:38	0	2.44	0.527 %
J-725	JUNCTION	0.00	16.18	2	10:37	0	1.76	-11.311 %
J-728	JUNCTION	3.50	12.93	2	10:37	0.391	2.58	-6.754 %
J-73	JUNCTION	0.00	6.19	2	09:36	0	1.13	10.152 %
J-734	JUNCTION	2.35	40.44	0	23:32	0.261	8.49	-3.753 %
J-734A	JUNCTION	0.00	22.18	1	18:00	0	2.41	2.241 %
J-734B	JUNCTION	0.00	22.18	1	18:00	0	2.21	-0.607 %
J-735	JUNCTION	0.00	45.19	3	02:26	0	4.85	-5.543 %
J-736	JUNCTION	0.00	29.37	1	10:26	0	3.2	-5.277 %
J-74	JUNCTION	4.31	6.40	3	05:33	0.377	1.26	4.017 %
J-740	JUNCTION	0.00	3.76	2	11:37	0	1.45	10.939 %
J-741	JUNCTION	0.00	7.32	2	09:42	0	1.78	17.419 %
J-744	JUNCTION	0.00	9.65	2	09:13	0	2.19	13.311 %
J-745	JUNCTION	0.00	17.25	3	05:50	0	3.77	0.114 %
J-745A	JUNCTION	0.00	21.08	3	03:52	0	2.23	-0.162 %
J-748	JUNCTION	0.00	47.54	2	11:36	0	5	1.576 %
J-748-WEIR-STANTEC	JUNCTION	0.00	52.30	2	11:50	0	1.98	-3.212 %
J-748A	JUNCTION	0.00	11.11	2	12:00	0	2.42	-0.443 %
J-749	JUNCTION	0.00	6.90	2	11:36	0	2.31	16.406 %
J-750	JUNCTION	2.18	23.65	3	05:50	0.194	4.66	0.220 %
J-750A	JUNCTION	0.00	14.42	3	05:52	0	1.47	-0.326 %
J-751	JUNCTION	0.00	12.83	2	10:03	0	1.75	4.822 %
J-752	JUNCTION	0.00	69.73	2	11:46	0	2.75	10.793 %
J-753	JUNCTION	0.00	5.31	2	10:24	0	1.36	-0.081 %
J-754	JUNCTION	2.92	14.58	2	11:57	0.271	1.6	0.202 %
J-754-WEIR-STANTEC	JUNCTION	0.00	92.33	2	11:59	0	2.27	-7.948 %
J-754A	JUNCTION	0.00	18.12	2	21:58	0	1.12	-12.787 %
J-755	JUNCTION	0.00	8.71	2	11:24	0	0.903	8.612 %
J-757	JUNCTION	4.81	27.77	2	21:29	0.416	2.04	0.760 %
J-760	JUNCTION	0.00	14.21	2	10:46	0	0.726	4.523 %
J-761	JUNCTION	0.00	14.84	2	11:36	0	3.02	13.851 %

J-763	JUNCTION	5.86	23.40	3	01:32	0.584	7.43	11.772 %
J-764	JUNCTION	0.00	13.56	3	05:11	0	2.74	9.583 %
J-766	JUNCTION	2.27	15.94	2	11:58	0.253	0.958	-1.561 %
J-766A	JUNCTION	0.00	16.28	2	11:58	0	0.412	-13.461 %
J-768	JUNCTION	0.00	6.30	3	02:36	0	1.02	-3.527 %
J-769	JUNCTION	0.00	5.13	2	13:53	0	1.15	-0.100 %
J-77	JUNCTION	3.25	21.26	2	11:17	0.333	3.27	0.196 %
J-771	JUNCTION	0.00	9.22	2	03:35	0	1.24	-1.516 %
J-772	JUNCTION	0.00	8.95	1	22:56	0	1.45	-4.619 %
J-774	JUNCTION	0.00	6.06	3	00:11	0	1.05	-1.333 %
J-776	JUNCTION	2.11	6.64	2	10:25	0.234	1.17	-1.814 %
J-778	JUNCTION	0.00	4.90	2	23:27	0	0.997	-4.610 %
J-77A	JUNCTION	0.00	22.19	2	23:38	0	2.13	0.321 %
J-77B	JUNCTION	0.00	14.90	2	11:28	0	0.722	0.000 %
J-780	JUNCTION	0.00	5.38	2	23:28	0	1.23	-5.649 %
J-782	JUNCTION	0.00	2.64	2	12:03	0	0.715	-1.332 %
J-784	JUNCTION	3.66	3.66	2	12:14	0.408	0.866	-5.722 %
J-786	JUNCTION	0.00	3.12	2	11:59	0	0.643	-3.027 %
J-788	JUNCTION	0.00	3.25	2	11:59	0	0.631	-8.435 %
J-790	JUNCTION	0.00	3.00	2	11:48	0	0.68	-7.702 %
J-792	JUNCTION	0.00	5.70	2	10:34	0	0.809	-21.625 %
J-793	JUNCTION	1.22	5.47	2	10:34	0.136	0.319	-9.185 %
J-795	JUNCTION	0.00	4.03	2	11:49	0	0.69	-6.017 %
J-799	JUNCTION	0.00	5.97	2	20:51	0	0.393	0.475 %
J-799-WEIR-EAC	JUNCTION	0.00	16.79	2	11:16	0	0.269	0.000 %
J-80	JUNCTION	6.44	6.95	2	12:15	0.547	1.38	3.336 %
J-800	JUNCTION	0.00	11.48	2	11:46	0	1.45	0.146 %
J-802	JUNCTION	0.00	7.37	2	19:52	0	1.12	2.156 %
J-806	JUNCTION	0.00	7.46	2	19:52	0	1.28	0.559 %
J-809	JUNCTION	0.87	16.78	2	11:51	0.0762	2.3	0.195 %
J-810	JUNCTION	0.00	11.65	2	11:51	0	0.977	0.923 %
J-813	JUNCTION	0.00	6.86	2	11:42	0	0.948	1.521 %
J-816	JUNCTION	4.97	5.83	2	11:38	0.488	0.969	0.116 %
J-819	JUNCTION	0.00	5.87	2	20:57	0	0.515	2.316 %
J-82	JUNCTION	0.00	8.06	2	11:47	0	0.928	36.404 %
J-822	JUNCTION	4.39	4.39	2	12:15	0.425	0.465	-2.422 %
J-826	JUNCTION	4.07	5.00	2	12:15	0.391	0.453	-2.888 %
J-829	JUNCTION	0.00	8.12	2	10:21	0	0.546	1.794 %
J-83	JUNCTION	3.83	22.67	3	03:45	0.363	4.02	-0.516 %
J-831	JUNCTION	3.47	7.81	2	20:49	0.32	0.839	0.209 %
J-836	JUNCTION	3.58	7.31	2	20:49	0.332	1.11	0.312 %
J-838	JUNCTION	4.30	4.30	2	12:15	0.414	0.435	-0.858 %
J-83A	JUNCTION	0.00	27.96	3	04:42	0	2.61	4.390 %
J-84	JUNCTION	0.00	12.84	2	11:43	0	3.39	1.128 %
J-841	JUNCTION	0.00	5.76	2	11:27	0	0.461	1.856 %
J-844	JUNCTION	5.61	8.36	2	12:15	0.563	1.01	-0.070 %
J-848	JUNCTION	0.00	8.12	2	11:34	0	0.997	1.123 %
J-850	JUNCTION	0.00	9.94	2	11:37	0	1.02	1.154 %
J-851	JUNCTION	1.04	16.47	2	11:53	0.0866	3.32	0.185 %
J-856	JUNCTION	0.00	14.64	2	12:15	0	3.91	0.020 %
J-860	JUNCTION	0.81	7.25	2	12:15	0.0628	0.652	0.063 %
J-863	JUNCTION	0.00	6.44	2	12:15	0	0.59	0.098 %
J-865	JUNCTION	2.89	6.44	2	12:15	0.259	0.59	0.107 %
J-868	JUNCTION	0.00	3.54	2	12:15	0	0.332	0.152 %
J-87	JUNCTION	0.00	5.37	2	10:43	0	1.22	3.620 %
J-870	JUNCTION	3.54	3.54	2	12:15	0.332	0.332	0.071 %
J-879	JUNCTION	6.19	11.94	2	12:14	0.691	3.97	1.469 %
J-88	JUNCTION	0.00	5.62	2	11:40	0	1.25	2.039 %
J-880	JUNCTION	2.83	16.59	2	12:02	0.317	4.08	1.125 %
J-881	JUNCTION	0.00	11.38	2	03:26	0	4.19	4.873 %
J-882	JUNCTION	4.39	11.46	2	21:43	0.487	3.93	0.509 %
J-883	JUNCTION	0.00	14.70	2	14:00	0	3.71	5.987 %
J-884	JUNCTION	0.00	54.86	2	22:01	0	2.36	-30.543 %
J-888	JUNCTION	0.00	8.14	2	10:37	0	0.635	2.928 %
J-889	JUNCTION	0.00	7.54	2	10:44	0	0.593	3.976 %
J-891	JUNCTION	2.47	8.63	2	10:30	0.221	1.08	4.117 %
J-892	JUNCTION	0.00	7.82	2	10:43	0	0.909	2.980 %
J-894	JUNCTION	1.66	6.44	2	10:26	0.153	1	4.828 %
J-896	JUNCTION	0.00	7.34	2	10:31	0	0.974	4.280 %
J-899	JUNCTION	5.10	15.51	3	05:09	0.504	0.859	0.885 %
J-899A	JUNCTION	0.00	15.65	3	05:09	0	0.458	9.345 %
J-902	JUNCTION	0.00	61.58	2	14:59	0	4.78	-1.773 %
J-903	JUNCTION	2.29	35.56	3	05:38	0.218	8.42	5.443 %
J-903A	JUNCTION	0.00	20.65	2	22:30	0	1.08	8.996 %
J-910	JUNCTION	4.41	4.41	2	12:15	0.423	0.423	0.122 %
J-912	JUNCTION	7.94	7.94	2	12:15	0.856	0.856	0.102 %
J-917	JUNCTION	0.00	9.58	2	07:29	0	0.243	17.105 %
J-918	JUNCTION	7.42	11.83	2	12:00	0.604	0.812	7.754 %
J-920	JUNCTION	0.00	14.23	2	21:17	0	13.1	0.083 %
J-934	JUNCTION	2.14	17.63	2	11:55	0.203	1.47	0.504 %

J-934A	JUNCTION	0.00	16.38	2	11:55	0	1.36	5.959	%
J-951	JUNCTION	2.78	10.28	2	12:00	0.313	1.01	-5.786	%
J-953	JUNCTION	0.00	11.44	2	11:47	0	2.6	-14.021	%
J-954	JUNCTION	0.00	24.93	2	10:40	0	4.46	-11.193	%
J-958	JUNCTION	0.88	50.66	2	11:40	0.168	2.43	0.284	%
J-96	JUNCTION	0.00	6.89	2	11:47	0	1.39	-0.906	%
J-963	JUNCTION	0.00	12.84	2	11:50	0	2.52	0.290	%
J-99	JUNCTION	6.67	6.67	2	12:15	0.606	1.53	2.465	%
JCT-24	JUNCTION	0.00	45.19	2	19:30	0	2.13	22.901	%
JCT-26	JUNCTION	0.00	91.63	2	21:14	0	2.19	19.871	%
JCT-26-WEIR	JUNCTION	0.00	92.85	2	20:41	0	0.588	-71.833	%
JCT-28	JUNCTION	7.19	14.94	2	21:13	0.645	1.56	4.478	%
JCT-28-WEIR	JUNCTION	0.00	17.86	2	21:06	0	0.881	-6.197	%
JCT-30	JUNCTION	0.00	68.71	2	11:40	0	2.6	0.234	%
JCT-32	JUNCTION	3.80	5.45	2	12:15	0.355	0.378	0.378	%
JCT-32-WEIR	JUNCTION	0.00	5.44	2	12:15	0	0.1	1.617	%
JCT-36	JUNCTION	0.00	17.30	0	00:00	0	3.59	-0.049	%
JCT-46	JUNCTION	0.00	55.95	0	00:00	0	4.03	2.283	%
JCT-64	JUNCTION	0.00	13.31	2	10:03	0	2.03	0.000	%
J-171	OUTFALL	0.00	11.54	2	12:15	0	2.57	0.000	%
J-263	OUTFALL	0.00	6.73	2	23:49	0	2.19	0.000	%
J-279	OUTFALL	0.00	7.05	3	01:48	0	3.39	0.000	%
J-33A	OUTFALL	0.00	2.82	1	02:06	0	1.62	0.000	%
J-386	OUTFALL	0.00	1.70	1	08:10	0	0.865	0.000	%
J-442	OUTFALL	0.00	12.93	3	01:33	0	5.7	0.000	%
J-561A	OUTFALL	0.00	16.58	2	13:34	0	2.99	0.000	%
J-567A	OUTFALL	0.00	2.82	2	11:28	0	1.44	0.000	%
J-582	OUTFALL	0.00	5.03	2	14:47	0	1.26	0.000	%
J-605	OUTFALL	0.00	6.79	2	13:54	0	0.896	0.000	%
J-671	OUTFALL	0.00	7.15	2	15:00	0	3.32	0.000	%
J-694	OUTFALL	0.00	5.46	2	12:15	0	0.0987	0.000	%
J-703	OUTFALL	0.00	5.84	2	11:58	0	0.118	0.000	%
J-909	OUTFALL	0.00	4.41	2	12:15	0	0.422	0.000	%
J-911	OUTFALL	0.00	7.94	2	12:15	0	0.855	0.000	%
J-913	OUTFALL	0.00	0.00	0	00:00	0	0	0.000	gal
J-919	OUTFALL	0.00	8.67	2	12:00	0	0.511	0.000	%
J-920A	OUTFALL	0.00	2.80	2	09:53	0	0.017	0.000	%
J-963A	OUTFALL	0.00	8.25	0	00:00	0	0.137	0.000	%
J575A	OUTFALL	0.00	54.79	0	00:00	0	0.946	0.000	%
OFALL-10	OUTFALL	0.00	4.62	2	09:47	0	2.77	0.000	%
OFALL-12	OUTFALL	0.00	2.84	2	00:01	0	1.46	0.000	%
OFALL-14	OUTFALL	0.00	1.41	0	23:12	0	0.763	0.000	%
OFALL-16	OUTFALL	0.00	3.85	2	06:30	0	1.97	0.000	%
OFALL-18	OUTFALL	0.00	2.06	2	03:18	0	1.04	0.000	%
OFALL-20	OUTFALL	0.00	1.44	0	19:59	0	0.859	0.000	%
OFALL-22	OUTFALL	0.00	1.95	2	09:43	0	0.792	0.000	%
OFALL-24	OUTFALL	0.00	0.00	0	00:00	0	0	0.000	gal
OFALL-26	OUTFALL	0.00	2.27	0	19:33	0	1.63	0.000	%
OFALL-28	OUTFALL	0.00	3.79	0	23:57	0	1.76	0.000	%
OFALL-30	OUTFALL	0.00	1.90	2	07:00	0	1.2	0.000	%
OFALL-32	OUTFALL	0.00	2.27	1	04:52	0	1.3	0.000	%
OFALL-34	OUTFALL	0.00	0.63	2	05:27	0	0.331	0.000	%
OFALL-36	OUTFALL	0.00	1.21	1	01:52	0	0.69	0.000	%
OFALL-38	OUTFALL	0.00	1.28	2	11:47	0	0.651	0.000	%
OFALL-40	OUTFALL	0.00	1.28	2	11:24	0	0.512	0.000	%
OFALL-42	OUTFALL	0.00	1.28	2	11:48	0	0.576	0.000	%
OFALL-44	OUTFALL	0.00	3.30	2	10:43	0	1.08	0.000	%
OFALL-46	OUTFALL	0.00	1.90	1	15:34	0	0.625	0.000	%
OFALL-48	OUTFALL	0.00	2.84	2	02:20	0	0.822	0.000	%
OFALL-50	OUTFALL	0.00	1.28	0	19:32	0	0.62	0.000	%
OFALL-52	OUTFALL	0.00	1.28	0	20:11	0	1.81	0.000	%
OFALL-54	OUTFALL	0.00	2.84	1	20:54	0	1.24	0.000	%
OFALL-66	OUTFALL	0.00	3.79	2	11:34	0	2.01	0.000	%
WELL-2E	OUTFALL	0.00	55.95	0	00:00	0	4.06	0.000	%
WELL-3	OUTFALL	0.00	4.86	0	00:00	0	0.915	0.000	%
WELL-4	OUTFALL	0.00	12.49	0	00:00	0	2.68	0.000	%
WELL-W-ENID-DR	OUTFALL	0.00	3.79	1	07:28	0	2.42	0.000	%
J-856-STORAGE-NEW	STORAGE	0.00	14.64	2	12:15	0	3.91	0.000	%

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
J-102	JUNCTION	20.38	4.953	0.000
J-104	JUNCTION	43.83	5.894	0.000
J-106	JUNCTION	47.51	5.877	0.000
J-109	JUNCTION	55.07	5.729	0.000
J-11	JUNCTION	57.21	5.721	0.000
J-110	JUNCTION	22.98	5.292	0.000
J-113	JUNCTION	57.04	5.639	0.000
J-114	JUNCTION	28.11	5.236	0.000
J-118	JUNCTION	20.54	4.626	0.000
J-12	JUNCTION	22.46	4.721	0.000
J-121	JUNCTION	47.12	5.877	0.000
J-126	JUNCTION	18.48	2.387	0.000
J-127	JUNCTION	18.48	2.601	0.000
J-128	JUNCTION	18.43	2.340	0.000
J-129	JUNCTION	20.11	4.625	0.000
J-130	JUNCTION	34.82	5.224	0.000
J-131	JUNCTION	33.61	5.721	0.000
J-132	JUNCTION	32.78	5.307	0.000
J-137	JUNCTION	45.97	5.458	0.000
J-139	JUNCTION	50.44	5.507	0.000
J-140	JUNCTION	45.41	5.671	0.000
J-147	JUNCTION	42.52	5.968	0.000
J-148	JUNCTION	43.64	6.048	0.000
J-149	JUNCTION	41.30	6.048	0.000
J-15	JUNCTION	20.12	3.309	0.000
J-152	JUNCTION	41.69	6.102	0.000
J-153	JUNCTION	41.52	6.127	0.000
J-155	JUNCTION	42.90	6.147	0.000
J-156	JUNCTION	42.78	6.213	0.000
J-158	JUNCTION	18.63	3.484	0.000
J-160	JUNCTION	23.10	5.885	0.000
J-161	JUNCTION	34.80	5.228	0.000
J-162	JUNCTION	36.56	5.979	0.000
J-163	JUNCTION	38.60	4.883	0.000
J-164	JUNCTION	36.61	5.177	0.000
J-165	JUNCTION	37.41	5.270	0.000
J-166	JUNCTION	21.51	4.874	0.000
J-167	JUNCTION	20.82	4.420	0.000
J-168	JUNCTION	39.95	4.830	0.000
J-169	JUNCTION	37.73	4.973	0.000
J-170	JUNCTION	35.92	5.078	0.000
J-174	JUNCTION	51.40	6.286	0.000
J-175	JUNCTION	44.52	6.286	0.000
J-176	JUNCTION	20.15	5.887	0.000
J-179	JUNCTION	22.24	5.888	0.000
J-18	JUNCTION	19.66	2.809	0.000
J-180	JUNCTION	18.79	4.022	0.000
J-185	JUNCTION	18.72	4.076	0.000
J-188	JUNCTION	20.91	4.507	0.000
J-191	JUNCTION	20.85	4.079	0.000
J-195	JUNCTION	20.16	3.511	0.000
J-198	JUNCTION	39.16	6.297	0.000
J-199	JUNCTION	44.28	6.155	0.000
J-203	JUNCTION	46.55	6.115	0.000
J-204	JUNCTION	44.88	6.123	0.000
J-206	JUNCTION	48.11	5.978	0.000
J-208	JUNCTION	45.66	5.641	0.000
J-209	JUNCTION	40.29	5.641	0.000
J-212	JUNCTION	42.93	5.921	0.000
J-213	JUNCTION	22.60	4.105	0.000
J-217	JUNCTION	42.60	5.855	0.000
J-218	JUNCTION	48.37	5.850	0.000
J-222	JUNCTION	39.54	4.638	0.000
J-223	JUNCTION	24.32	4.036	0.000
J-225	JUNCTION	49.35	5.786	0.000
J-226	JUNCTION	47.88	5.781	0.000
J-232	JUNCTION	49.07	5.752	0.000
J-233	JUNCTION	53.76	5.320	0.000
J-235	JUNCTION	55.88	5.318	0.000
J-238	JUNCTION	46.76	4.892	0.000

J-24	JUNCTION	52.58	5.624	0.000
J-242	JUNCTION	33.73	4.893	0.000
J-244	JUNCTION	39.64	5.693	0.000
J-247	JUNCTION	48.01	5.691	0.000
J-248	JUNCTION	36.58	4.849	0.000
J-249	JUNCTION	39.82	4.848	0.000
J-25	JUNCTION	19.62	2.821	0.000
J-253	JUNCTION	49.42	5.044	0.000
J-254	JUNCTION	50.88	4.996	0.000
J-256	JUNCTION	49.99	4.962	0.000
J-259	JUNCTION	52.31	4.693	0.000
J-260	JUNCTION	11.51	1.767	0.000
J-261	JUNCTION	10.28	0.218	0.000
J-261-WEIR	JUNCTION	10.09	0.419	0.000
J-262	JUNCTION	14.55	2.265	0.000
J-266	JUNCTION	38.34	5.323	0.000
J-267	JUNCTION	41.09	5.355	0.000
J-269	JUNCTION	61.41	6.098	0.000
J-27	JUNCTION	19.46	2.842	0.000
J-275	JUNCTION	40.21	4.661	0.000
J-278	JUNCTION	47.72	3.401	0.000
J-280	JUNCTION	50.51	4.353	0.000
J-281	JUNCTION	49.49	4.553	0.000
J-282	JUNCTION	51.44	4.886	0.000
J-283	JUNCTION	57.01	5.303	0.000
J-285	JUNCTION	44.10	4.662	0.000
J-286	JUNCTION	30.70	4.664	0.000
J-288	JUNCTION	22.26	2.685	0.000
J-290	JUNCTION	19.98	2.851	0.000
J-293	JUNCTION	49.46	5.570	0.000
J-295	JUNCTION	44.05	5.560	0.000
J-296	JUNCTION	45.35	5.548	0.000
J-297	JUNCTION	34.47	5.082	0.000
J-30	JUNCTION	45.23	5.649	0.000
J-300	JUNCTION	35.99	5.081	0.000
J-301	JUNCTION	39.39	5.076	0.000
J-304	JUNCTION	22.10	5.082	0.000
J-305	JUNCTION	22.39	5.082	0.000
J-31	JUNCTION	18.96	2.854	0.000
J-310	JUNCTION	21.46	5.080	0.000
J-312	JUNCTION	22.19	5.076	0.000
J-314	JUNCTION	16.42	2.791	0.000
J-317	JUNCTION	24.79	5.622	0.000
J-321	JUNCTION	16.47	2.844	0.000
J-323	JUNCTION	24.38	5.645	0.000
J-324	JUNCTION	16.56	2.865	0.000
J-327	JUNCTION	50.74	5.620	0.000
J-328	JUNCTION	19.65	2.818	0.000
J-33	JUNCTION	55.82	5.569	0.000
J-333	JUNCTION	35.01	5.966	0.000
J-334	JUNCTION	38.44	5.962	0.000
J-335	JUNCTION	39.05	5.853	0.000
J-341	JUNCTION	20.41	3.904	0.000
J-342	JUNCTION	30.93	6.027	0.000
J-343	JUNCTION	49.88	6.519	0.000
J-348	JUNCTION	35.95	5.914	0.000
J-351	JUNCTION	18.80	4.058	0.000
J-354	JUNCTION	46.57	3.234	0.000
J-354A	JUNCTION	46.57	3.559	0.000
J-355	JUNCTION	46.57	3.182	0.000
J-36	JUNCTION	54.27	5.579	0.000
J-362	JUNCTION	23.57	6.057	0.000
J-363	JUNCTION	23.14	6.071	0.000
J-364	JUNCTION	18.36	5.671	0.000
J-367	JUNCTION	49.98	6.092	0.000
J-368	JUNCTION	28.68	5.703	0.000
J-369	JUNCTION	28.23	5.698	0.000
J-374	JUNCTION	18.25	5.672	0.000
J-375	JUNCTION	21.51	5.278	0.000
J-380	JUNCTION	18.08	3.272	0.000
J-381	JUNCTION	18.00	5.661	0.000
J-384	JUNCTION	21.90	5.276	0.000
J-385	JUNCTION	23.15	5.570	0.000
J-388	JUNCTION	53.73	6.276	0.000
J-389	JUNCTION	29.93	5.776	0.000
J-393	JUNCTION	36.81	6.185	0.000
J-396	JUNCTION	37.04	6.663	0.000
J-399	JUNCTION	34.87	6.216	0.000
J-40	JUNCTION	19.73	2.893	0.000
J-402	JUNCTION	18.40	3.860	0.000

J-405	JUNCTION	39.16	5.853	0.000
J-407	JUNCTION	39.51	5.812	0.000
J-409	JUNCTION	44.04	5.770	0.000
J-410	JUNCTION	56.39	6.261	0.000
J-412	JUNCTION	45.78	5.748	0.000
J-414	JUNCTION	51.32	5.874	0.000
J-415	JUNCTION	18.33	3.392	0.000
J-416	JUNCTION	51.80	5.869	0.000
J-417	JUNCTION	19.10	4.857	0.000
J-42	JUNCTION	19.62	2.916	0.000
J-421	JUNCTION	18.89	4.858	0.000
J-422	JUNCTION	18.48	3.281	0.000
J-423	JUNCTION	18.32	2.902	0.000
J-424	JUNCTION	42.69	5.744	0.000
J-427	JUNCTION	46.95	5.833	0.000
J-430	JUNCTION	18.40	3.227	0.000
J-431	JUNCTION	20.47	3.238	0.000
J-432	JUNCTION	56.60	5.977	0.000
J-433	JUNCTION	43.91	5.603	0.000
J-434	JUNCTION	42.47	5.630	0.000
J-435	JUNCTION	38.74	5.619	0.000
J-436	JUNCTION	39.22	5.610	0.000
J-437	JUNCTION	38.23	5.608	0.000
J-438	JUNCTION	40.40	5.958	0.000
J-439	JUNCTION	45.12	5.837	0.000
J-440	JUNCTION	15.47	1.063	0.000
J-441	JUNCTION	15.44	1.920	0.000
J-445	JUNCTION	22.98	4.455	0.000
J-448	JUNCTION	20.42	3.070	0.000
J-450	JUNCTION	59.51	5.973	0.000
J-454	JUNCTION	20.52	3.071	0.000
J-455	JUNCTION	19.83	1.993	0.000
J-459	JUNCTION	20.63	3.304	0.000
J-460-NEW	JUNCTION	19.97	2.700	0.000
J-463	JUNCTION	19.81	2.382	0.000
J-466	JUNCTION	20.01	4.784	0.000
J-468	JUNCTION	19.11	2.859	0.000
J-47	JUNCTION	33.84	4.445	0.000
J-470	JUNCTION	0.39	1.481	0.000
J-471	JUNCTION	18.22	4.334	0.000
J-478	JUNCTION	0.96	2.258	0.000
J-479	JUNCTION	5.75	2.148	0.000
J-480	JUNCTION	1.21	2.874	0.000
J-481	JUNCTION	5.46	3.394	0.000
J-482	JUNCTION	6.49	3.189	0.000
J-484	JUNCTION	18.84	3.649	0.000
J-485	JUNCTION	50.65	4.596	0.000
J-486	JUNCTION	25.39	3.821	0.000
J-487	JUNCTION	18.92	3.730	0.000
J-489	JUNCTION	16.15	3.209	0.000
J-491	JUNCTION	22.56	3.378	0.000
J-492	JUNCTION	32.66	4.390	0.000
J-493	JUNCTION	46.93	4.525	0.000
J-495	JUNCTION	43.06	4.935	0.000
J-497	JUNCTION	38.40	4.833	0.000
J-498	JUNCTION	15.54	2.703	0.000
J-499	JUNCTION	19.95	4.232	0.000
J-5	JUNCTION	20.86	4.244	0.000
J-50	JUNCTION	31.17	5.177	0.000
J-500	JUNCTION	19.86	4.230	0.000
J-505	JUNCTION	19.38	4.224	0.000
J-508	JUNCTION	19.23	4.216	0.000
J-51	JUNCTION	21.01	3.788	0.000
J-512	JUNCTION	19.01	4.175	0.000
J-518	JUNCTION	18.59	4.146	0.000
J-53	JUNCTION	61.51	7.016	0.000
J-534	JUNCTION	62.46	6.352	0.000
J-537	JUNCTION	20.97	3.106	0.000
J-539	JUNCTION	21.05	3.192	0.000
J-539-WEIR	JUNCTION	18.00	2.185	0.000
J-539A	JUNCTION	17.95	4.515	2.545
J-54	JUNCTION	21.03	4.096	0.000
J-541	JUNCTION	19.96	3.294	0.000
J-544	JUNCTION	34.88	4.373	0.000
J-548	JUNCTION	2.22	1.419	0.000
J-550	JUNCTION	7.79	2.533	0.000
J-553	JUNCTION	44.61	4.725	0.000
J-554	JUNCTION	19.11	4.486	0.000
J-555	JUNCTION	19.17	4.491	0.000
J-559	JUNCTION	16.89	3.443	0.000

J-560	JUNCTION	17.28	3.363	0.000
J-561	JUNCTION	54.78	4.577	1.023
J-563	JUNCTION	19.25	2.764	0.000
J-565	JUNCTION	54.21	5.872	0.000
J-566	JUNCTION	10.30	1.222	0.000
J-566-WEIR	JUNCTION	1.35	4.442	1.168
J-567	JUNCTION	17.70	6.073	0.000
J-568	JUNCTION	18.07	6.052	0.000
J-569	JUNCTION	18.11	6.380	0.000
J-570	JUNCTION	17.63	2.957	0.000
J-571	JUNCTION	19.16	2.175	0.000
J-575	JUNCTION	77.99	5.602	0.000
J-576	JUNCTION	55.97	5.503	0.000
J-577	JUNCTION	6.65	2.400	0.000
J-578	JUNCTION	35.36	5.503	0.000
J-58	JUNCTION	21.01	4.098	0.000
J-581	JUNCTION	46.77	6.903	0.000
J-585	JUNCTION	12.33	3.301	0.000
J-588	JUNCTION	30.81	6.167	0.000
J-59	JUNCTION	20.96	4.063	0.000
J-591	JUNCTION	25.17	4.901	0.000
J-596	JUNCTION	38.20	6.769	0.000
J-598	JUNCTION	6.88	2.558	0.000
J-6	JUNCTION	52.65	5.538	0.000
J-60	JUNCTION	60.90	6.842	0.000
J-601	JUNCTION	24.17	4.606	0.000
J-602	JUNCTION	24.29	4.481	0.000
J-603	JUNCTION	6.76	2.801	0.000
J-604	JUNCTION	12.67	2.502	0.000
J-606	JUNCTION	53.94	4.732	0.000
J-607	JUNCTION	55.09	4.903	0.000
J-609	JUNCTION	25.72	4.605	0.000
J-61	JUNCTION	20.69	4.099	0.000
J-611	JUNCTION	8.00	2.636	0.000
J-613	JUNCTION	43.36	5.113	0.000
J-615	JUNCTION	42.21	5.104	0.000
J-618	JUNCTION	37.38	5.716	0.000
J-61A	JUNCTION	18.75	9.560	0.000
J-623	JUNCTION	39.66	5.311	0.000
J-624	JUNCTION	19.58	2.908	0.000
J-626	JUNCTION	31.26	5.284	0.000
J-629	JUNCTION	42.42	5.688	0.000
J-63	JUNCTION	44.22	6.119	0.000
J-632	JUNCTION	34.65	5.693	0.000
J-633	JUNCTION	36.08	5.264	0.000
J-637	JUNCTION	31.23	5.264	0.000
J-64	JUNCTION	43.84	6.116	0.000
J-640	JUNCTION	32.54	5.668	0.000
J-647	JUNCTION	18.78	2.868	0.000
J-647B	JUNCTION	18.53	9.549	0.011
J-650	JUNCTION	22.24	4.793	0.000
J-653	JUNCTION	19.64	2.823	0.000
J-654	JUNCTION	19.57	2.814	0.000
J-657	JUNCTION	21.42	4.805	0.000
J-659	JUNCTION	22.02	4.795	0.000
J-663	JUNCTION	36.41	5.774	0.000
J-665	JUNCTION	35.40	5.746	0.000
J-666	JUNCTION	45.19	5.722	0.000
J-67	JUNCTION	46.17	6.018	0.000
J-670	JUNCTION	41.86	5.722	0.000
J-672	JUNCTION	62.26	6.360	0.000
J-673	JUNCTION	19.65	2.695	0.000
J-678	JUNCTION	37.31	5.722	0.000
J-67A	JUNCTION	40.54	6.020	0.000
J-682	JUNCTION	8.54	5.149	0.000
J-684	JUNCTION	8.52	5.072	0.000
J-686	JUNCTION	8.51	5.011	0.000
J-687	JUNCTION	8.47	4.405	0.000
J-691	JUNCTION	8.47	4.265	0.000
J-693	JUNCTION	78.00	5.360	0.000
J-697	JUNCTION	23.60	6.362	0.000
J-7	JUNCTION	53.96	5.744	0.000
J-700	JUNCTION	23.42	5.650	0.000
J-701	JUNCTION	23.78	5.600	0.000
J-702	JUNCTION	23.74	5.610	0.000
J-705	JUNCTION	23.47	5.851	0.000
J-707	JUNCTION	23.38	5.551	0.000
J-710	JUNCTION	23.44	5.650	0.000
J-712	JUNCTION	3.79	3.403	0.000
J-714	JUNCTION	3.81	3.358	0.000

J-719	JUNCTION	4.81	3.667	0.000
J-72	JUNCTION	51.33	6.111	0.000
J-721	JUNCTION	4.19	3.674	0.000
J-725	JUNCTION	2.28	3.406	0.000
J-728	JUNCTION	2.35	3.428	0.000
J-73	JUNCTION	49.48	6.123	0.000
J-734	JUNCTION	4.58	3.405	0.000
J-735	JUNCTION	6.88	4.598	0.000
J-736	JUNCTION	51.14	11.038	0.000
J-74	JUNCTION	44.77	6.126	0.000
J-740	JUNCTION	48.48	6.885	0.000
J-741	JUNCTION	45.42	5.840	0.000
J-744	JUNCTION	51.66	5.839	0.000
J-745	JUNCTION	19.28	4.038	0.000
J-748	JUNCTION	18.22	3.087	0.000
J-748-WEIR-STANTEC	JUNCTION	18.21	3.085	0.000
J-749	JUNCTION	48.11	5.688	0.000
J-750	JUNCTION	19.13	3.946	0.000
J-751	JUNCTION	57.03	5.746	0.000
J-752	JUNCTION	18.18	2.603	0.000
J-753	JUNCTION	61.21	6.809	0.000
J-754	JUNCTION	18.19	2.911	0.000
J-754-WEIR-STANTEC	JUNCTION	18.17	2.602	0.000
J-755	JUNCTION	19.03	4.626	0.000
J-757	JUNCTION	10.82	2.623	0.000
J-760	JUNCTION	22.68	4.916	0.000
J-761	JUNCTION	55.40	5.876	0.000
J-763	JUNCTION	37.32	4.935	0.000
J-764	JUNCTION	58.01	6.796	0.000
J-766	JUNCTION	3.85	3.386	0.000
J-768	JUNCTION	3.92	4.094	0.000
J-769	JUNCTION	7.03	4.127	0.000
J-77	JUNCTION	18.75	3.401	0.000
J-771	JUNCTION	6.52	3.886	0.000
J-772	JUNCTION	9.70	3.891	0.000
J-774	JUNCTION	9.98	3.856	0.000
J-776	JUNCTION	7.49	3.858	0.000
J-778	JUNCTION	6.85	3.854	0.000
J-77A	JUNCTION	18.50	9.560	0.000
J-780	JUNCTION	7.20	3.861	0.000
J-782	JUNCTION	3.58	3.854	0.000
J-784	JUNCTION	3.29	3.932	0.000
J-786	JUNCTION	3.26	3.870	0.000
J-788	JUNCTION	3.36	3.870	0.000
J-790	JUNCTION	3.78	3.860	0.000
J-792	JUNCTION	2.41	3.677	0.000
J-793	JUNCTION	2.46	3.682	0.000
J-795	JUNCTION	4.02	3.858	0.000
J-799	JUNCTION	9.38	3.542	0.000
J-799-WEIR-EAC	JUNCTION	10.90	3.544	0.000
J-80	JUNCTION	44.98	6.194	0.000
J-800	JUNCTION	9.72	4.002	0.000
J-802	JUNCTION	14.32	4.805	0.000
J-806	JUNCTION	10.17	4.321	0.000
J-809	JUNCTION	10.31	4.314	0.000
J-810	JUNCTION	10.20	4.316	0.000
J-813	JUNCTION	12.28	4.758	0.000
J-816	JUNCTION	11.93	4.792	0.000
J-819	JUNCTION	11.65	4.803	0.000
J-82	JUNCTION	55.07	6.391	0.000
J-822	JUNCTION	15.45	5.228	0.000
J-826	JUNCTION	16.22	5.265	0.000
J-829	JUNCTION	11.40	4.855	0.000
J-83	JUNCTION	19.48	3.990	0.000
J-831	JUNCTION	11.60	4.850	0.000
J-836	JUNCTION	12.06	4.836	0.000
J-838	JUNCTION	14.41	4.802	0.000
J-83A	JUNCTION	19.57	10.060	0.000
J-84	JUNCTION	54.85	6.289	0.000
J-841	JUNCTION	9.52	4.230	0.000
J-844	JUNCTION	9.71	4.163	0.000
J-848	JUNCTION	9.73	4.445	0.000
J-850	JUNCTION	9.18	4.203	0.000
J-851	JUNCTION	9.26	3.894	0.000
J-863	JUNCTION	0.01	0.015	4.075
J-865	JUNCTION	0.38	0.485	4.055
J-868	JUNCTION	0.45	0.604	3.836
J-87	JUNCTION	51.46	5.923	0.000
J-870	JUNCTION	1.55	1.472	3.518
J-879	JUNCTION	28.67	4.060	0.000

J-88	JUNCTION	52.17	5.882	0.000
J-880	JUNCTION	45.18	3.167	0.000
J-881	JUNCTION	44.13	5.831	0.000
J-882	JUNCTION	47.69	3.622	0.000
J-883	JUNCTION	58.91	3.765	0.000
J-884	JUNCTION	10.66	0.517	0.000
J-888	JUNCTION	46.91	5.315	0.000
J-889	JUNCTION	45.46	5.315	0.000
J-891	JUNCTION	46.93	5.318	0.000
J-892	JUNCTION	46.32	5.319	0.000
J-894	JUNCTION	45.75	5.320	0.000
J-896	JUNCTION	44.97	5.324	0.000
J-899	JUNCTION	19.76	2.913	0.000
J-902	JUNCTION	0.00	0.097	0.000
J-903	JUNCTION	50.81	4.967	0.000
J-910	JUNCTION	66.11	3.907	2.653
J-912	JUNCTION	65.56	4.723	1.637
J-917	JUNCTION	52.80	7.101	0.000
J-918	JUNCTION	53.66	4.140	0.000
J-920	JUNCTION	54.68	4.730	0.870
J-934	JUNCTION	19.73	2.929	0.000
J-951	JUNCTION	10.46	5.585	0.000
J-953	JUNCTION	10.06	5.028	0.000
J-954	JUNCTION	12.05	3.629	0.000
J-958	JUNCTION	20.48	4.457	0.000
J-96	JUNCTION	19.67	4.966	0.000
J-963	JUNCTION	22.45	4.721	0.000
J-99	JUNCTION	55.19	5.775	0.000
JCT-24	JUNCTION	10.95	0.652	0.000
JCT-26	JUNCTION	10.65	0.917	0.000
JCT-26-WEIR	JUNCTION	9.65	0.499	0.000
JCT-30	JUNCTION	19.65	2.696	0.000
JCT-46	JUNCTION	76.19	4.720	0.000
JCT-64	JUNCTION	38.31	4.894	0.000

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate CFS	Time of Max Occurrence days hr:min	Total Flood Volume 10^6 gal	Maximum Ponded Depth Feet
J-102	18.59	6.21	2 09:51	0.042	1.393
J-104	20.86	7.06	2 11:35	0.140	1.194
J-106	20.13	11.10	2 11:50	0.108	1.627
J-109	19.57	11.52	2 11:32	0.113	1.130
J-11	13.34	9.74	3 00:28	0.118	0.161
J-110	19.18	10.17	2 11:32	0.152	1.059
J-113	18.72	9.08	2 22:10	0.237	0.805
J-114	11.95	12.99	2 22:07	0.152	0.076
J-118	12.00	11.12	2 22:55	0.154	0.066
J-12	13.03	17.09	3 01:02	0.123	0.161
J-121	12.65	7.18	2 11:22	0.045	0.177
J-126	18.44	78.10	3 03:55	1.148	1.837
J-126A	7.28	67.10	3 04:09	0.339	0.588
J-127	18.46	6.15	2 11:33	0.050	1.691
J-128	18.42	8.65	2 11:30	0.039	1.690
J-129	14.56	7.62	2 12:00	0.160	0.125
J-130	15.59	5.73	2 22:58	0.080	0.157
J-131	3.44	4.48	2 11:33	0.032	0.004
J-132	17.80	4.83	2 12:03	0.116	0.540
J-137	19.21	3.64	2 11:26	0.061	0.658
J-139	13.42	3.69	1 19:12	0.017	0.147
J-140	17.45	3.71	2 10:52	0.036	0.391
J-147	18.44	5.79	2 12:15	0.164	0.668
J-148	18.33	6.34	2 09:23	0.041	0.708
J-149	20.06	5.59	2 04:36	0.061	1.248
J-15	17.66	20.31	3 04:54	0.129	0.609
J-152	18.81	4.78	2 10:22	0.139	0.702
J-153	19.06	5.07	2 09:01	0.043	0.627
J-155	19.70	4.50	2 10:33	0.047	0.727
J-156	20.15	3.49	2 11:43	0.046	0.943
J-158	18.35	19.04	2 11:46	0.159	0.884
J-160	18.36	8.83	2 11:32	0.028	0.785
J-161	3.89	5.07	2 11:29	0.036	0.001

J-162	0.80	6.93	2	10:22	0.011	0.002
J-163	5.13	5.72	3	00:47	0.067	0.172
J-164	2.79	4.75	2	11:20	0.032	0.004
J-165	2.23	4.56	2	11:28	0.026	0.002
J-166	1.15	5.42	2	09:27	0.017	0.001
J-167	1.27	7.41	2	11:01	0.026	0.004
J-168	2.18	5.13	2	08:40	0.031	0.004
J-169	3.03	5.13	2	11:42	0.040	0.001
J-170	3.65	3.12	2	11:33	0.034	0.002
J-174	19.52	5.20	2	11:16	0.053	1.486
J-175	20.18	2.36	2	11:10	0.040	1.236
J-176	19.13	8.90	2	10:30	0.064	0.767
J-179	20.36	12.29	2	09:22	0.130	1.138
J-18	17.26	27.07	3	04:20	0.203	0.579
J-180	18.34	14.53	3	03:55	0.499	1.072
J-185	18.24	18.85	2	11:50	0.211	1.006
J-188	18.69	20.01	2	12:26	0.250	1.687
J-188A	15.44	16.53	2	12:26	0.150	0.512
J-191	18.50	49.08	3	04:28	0.649	1.129
J-191A	6.46	50.34	3	04:28	0.305	0.372
J-195	18.92	15.93	2	11:08	0.265	1.751
J-198	28.86	5.99	2	12:15	0.248	1.797
J-199	26.65	5.89	2	08:40	0.160	1.605
J-203	24.15	5.69	2	12:15	0.295	1.615
J-204	25.30	7.31	2	10:25	0.137	1.673
J-206	25.98	5.91	2	11:04	0.151	1.428
J-208	24.69	6.61	2	09:35	0.171	1.391
J-209	26.06	5.61	2	09:39	0.159	1.291
J-212	26.61	4.97	2	10:30	0.165	1.071
J-213	19.13	8.75	2	11:23	0.189	1.355
J-217	28.56	7.65	1	15:05	0.486	2.085
J-218	31.24	8.82	2	10:57	0.360	1.660
J-222	22.70	27.23	2	03:38	0.394	2.308
J-223	19.06	31.61	1	17:09	0.536	1.236
J-225	24.79	4.67	2	10:28	0.092	0.936
J-226	24.35	4.25	2	09:08	0.091	0.931
J-232	24.97	4.02	2	10:33	0.109	0.852
J-233	18.45	4.84	3	04:08	0.121	0.720
J-235	18.65	6.85	0	20:32	0.048	0.758
J-238	21.16	15.96	3	05:19	0.220	0.792
J-24	18.40	5.35	2	11:51	0.031	0.824
J-242	23.48	6.57	2	08:47	0.158	0.993
J-244	28.28	5.45	1	08:20	0.163	0.993
J-247	26.52	5.45	1	06:57	0.192	1.031
J-248	22.86	18.64	2	06:59	0.230	1.049
J-249	21.36	14.99	2	09:43	0.334	0.998
J-25	17.89	21.53	2	11:52	0.211	0.781
J-253	26.43	4.43	2	12:10	0.255	0.394
J-254	26.58	5.90	2	09:42	0.341	0.296
J-256	19.89	5.57	2	10:17	0.280	0.162
J-259	22.60	5.15	2	09:58	0.281	0.093
J-260	0.34	6.32	2	20:38	0.014	0.007
J-261	9.22	48.78	2	19:55	0.227	0.218
J-261-WEIR	0.44	18.77	2	22:22	0.008	0.419
J-262	0.59	3.35	2	10:37	0.008	0.005
J-266	27.67	7.44	2	08:33	0.362	0.673
J-267	26.40	7.75	2	10:27	0.333	0.605
J-268-WEIR	5.80	12.02	2	10:23	0.077	0.496
J-269	19.06	7.66	2	10:03	0.138	0.798
J-27	18.02	22.51	2	11:51	0.098	0.892
J-275	20.98	34.54	2	08:38	0.508	0.561
J-278	1.28	4.34	2	10:58	0.018	0.001
J-280	10.60	3.31	2	06:34	0.137	0.003
J-281	18.10	4.21	1	12:25	0.167	0.153
J-282	16.32	4.27	1	22:51	0.126	0.186
J-283	18.82	5.01	2	08:38	0.111	0.603
J-285	27.07	35.12	2	08:51	1.014	0.762
J-286	22.79	25.39	2	08:38	0.439	0.814
J-288	16.26	25.85	2	03:38	0.272	1.025
J-290	15.05	25.86	3	02:41	0.139	0.451
J-293	19.21	6.65	2	06:08	0.080	0.370
J-295	17.76	5.83	2	06:52	0.069	0.260
J-296	20.83	4.90	2	10:43	0.111	0.548
J-297	21.63	23.52	1	20:38	0.227	0.832
J-30	19.81	3.66	2	11:50	0.047	0.899
J-300	20.92	20.04	1	06:07	0.254	0.831
J-301	22.95	16.52	1	15:44	0.301	0.826
J-304	16.49	11.65	3	05:11	0.044	0.832
J-305	16.10	13.14	3	05:56	0.078	0.782
J-31	18.11	15.23	2	11:52	0.097	1.004

J-310	15.42	3.57	3	05:09	0.047	0.630
J-312	15.14	5.52	3	03:34	0.019	0.616
J-314	14.96	19.29	3	02:51	0.078	0.741
J-317	16.62	4.19	3	05:11	0.073	0.722
J-321	15.28	16.45	3	03:10	0.048	0.694
J-323	16.99	3.68	3	04:03	0.038	0.895
J-324	15.43	13.86	3	03:18	0.042	0.765
J-327	18.62	4.24	3	05:52	0.036	0.870
J-328	17.99	21.92	3	05:36	0.076	0.918
J-33	11.79	3.39	2	09:47	0.013	0.209
J-333	22.89	3.14	2	11:11	0.088	1.366
J-334	21.75	5.24	2	11:16	0.083	1.272
J-335	21.76	3.71	2	11:26	0.065	0.933
J-341	18.57	15.48	2	11:31	0.246	0.854
J-342	19.21	12.05	2	11:59	0.302	1.227
J-343	19.80	6.50	2	10:36	0.058	1.069
J-348	20.84	3.32	2	10:14	0.059	1.164
J-351	18.09	16.74	2	19:02	0.135	0.938
J-351A	0.63	16.56	2	19:04	0.023	0.189
J-354	17.60	25.82	2	21:31	0.739	1.114
J-354A	17.43	76.82	2	14:59	2.895	1.439
J-354B	8.08	67.32	3	03:41	1.735	0.907
J-355	18.08	16.39	2	11:54	0.289	1.012
J-359	18.07	6.11	2	22:29	0.149	1.096
J-36	18.13	2.60	3	05:36	0.057	0.859
J-362	17.33	3.89	3	05:45	0.030	0.357
J-363	17.15	5.17	3	05:29	0.118	0.371
J-364	16.92	6.04	3	05:13	0.031	0.321
J-367	18.96	7.48	3	05:11	0.053	0.892
J-368	18.40	8.69	3	05:11	0.160	0.903
J-369	18.36	7.33	2	11:16	0.067	0.548
J-374	17.12	5.88	3	05:29	0.035	0.372
J-375	17.90	24.97	2	11:43	0.089	0.528
J-380	16.16	28.29	3	04:18	0.156	0.372
J-381	17.22	10.87	3	05:48	0.059	0.361
J-384	17.96	17.85	2	11:46	0.174	0.476
J-385	0.93	13.12	3	05:12	0.017	0.010
J-388	18.71	11.81	2	11:27	0.161	0.476
J-389	18.17	12.48	3	05:27	0.112	0.376
J-393	21.10	8.45	3	05:13	0.126	0.385
J-396	23.11	4.51	3	05:18	0.137	0.413
J-399	5.19	4.66	3	05:14	0.068	0.016
J-40	17.01	37.95	2	11:52	0.162	0.673
J-402	15.88	15.00	3	04:56	0.076	1.220
J-405	17.15	5.04	2	11:36	0.045	0.703
J-407	17.96	6.44	3	05:14	0.053	0.842
J-409	17.21	6.47	3	05:14	0.060	0.840
J-410	15.96	5.97	3	02:41	0.064	0.511
J-412	16.16	5.30	2	11:04	0.048	0.588
J-414	17.76	7.32	2	11:51	0.078	1.334
J-415	15.78	35.59	2	11:52	0.138	0.832
J-416	16.16	7.67	3	02:50	0.043	0.619
J-417	15.78	15.46	3	05:12	0.166	0.187
J-42	19.53	24.25	2	10:32	0.231	2.242
J-421	17.79	12.92	3	05:12	0.180	0.658
J-422	16.39	21.90	3	04:54	0.051	0.531
J-423	3.01	28.24	3	02:17	0.180	0.002
J-424	19.72	4.72	3	05:11	0.068	0.594
J-427	19.95	4.23	2	09:59	0.065	0.633
J-430	15.73	17.87	3	03:09	0.233	0.527
J-431	14.96	50.66	3	03:22	0.319	0.449
J-432	20.49	8.89	3	05:22	0.173	0.679
J-433	22.85	7.74	3	05:28	0.144	0.638
J-434	21.56	7.43	2	06:35	0.123	0.494
J-435	21.42	6.75	2	10:33	0.153	0.292
J-436	22.62	9.37	1	12:39	0.156	0.760
J-437	24.34	9.67	2	11:58	0.320	1.157
J-438	25.35	5.05	2	12:18	0.323	0.752
J-439	23.28	7.18	2	06:09	0.180	0.580
J-440	3.64	7.99	3	00:46	0.012	0.036
J-441	0.01	6.03	3	00:46	0.000	0.003
J-444	18.58	36.67	2	22:29	1.658	3.235
J-445	12.36	22.85	3	01:08	0.204	0.228
J-448	17.11	15.36	2	09:02	0.087	0.510
J-450	15.68	14.76	3	05:17	0.153	0.313
J-454	17.14	15.69	2	09:01	0.084	0.511
J-455	19.68	12.16	2	09:01	0.085	1.743
J-459	20.09	22.96	2	12:17	0.981	1.744
J-460-NEW	19.87	30.11	2	11:26	0.234	2.170
J-463	19.74	25.81	2	11:28	0.244	2.182

J-466	13.96	73.51	2	09:51	0.359	0.671
J-468	18.13	15.64	2	08:51	0.121	2.105
J-47	12.79	15.49	3	05:27	0.519	0.068
J-470	0.23	40.12	2	09:48	0.033	0.041
J-471	17.85	59.05	2	09:30	0.339	1.463
J-478	0.69	71.13	2	10:26	0.185	0.217
J-479	1.21	51.66	2	09:39	0.277	0.312
J-480	0.72	44.11	2	09:58	0.100	0.074
J-481	2.39	30.73	2	09:41	0.346	0.084
J-482	0.53	25.52	1	21:56	0.047	0.019
J-484	0.70	11.00	2	09:50	0.026	0.049
J-485	1.07	9.44	2	08:18	0.028	0.029
J-486	1.48	18.08	2	09:24	0.081	0.122
J-487	1.06	15.58	2	08:40	0.045	0.010
J-489	0.59	15.73	2	08:45	0.019	0.009
J-491	2.68	13.73	2	09:12	0.063	0.028
J-492	6.96	6.70	3	05:14	0.127	0.011
J-493	8.64	15.66	3	05:50	0.320	0.021
J-495	4.94	16.49	2	23:11	0.171	0.032
J-497	17.93	6.43	2	11:51	0.182	0.844
J-498	14.92	18.92	3	02:44	0.194	0.432
J-499	4.90	10.88	3	01:37	0.041	0.072
J-5	18.70	26.45	2	10:01	0.856	1.384
J-50	8.42	11.59	3	05:32	0.229	0.027
J-500	15.38	8.09	3	02:05	0.082	0.474
J-505	15.84	9.13	2	11:53	0.230	0.954
J-508	8.58	12.27	3	00:28	0.307	0.056
J-51	4.31	33.37	2	22:46	0.326	0.338
J-512	15.82	10.76	3	03:15	0.171	0.724
J-518	15.74	8.23	2	11:48	0.083	0.530
J-53	18.48	3.45	2	11:38	0.042	1.737
J-534	19.61	5.95	2	12:04	0.258	1.792
J-537	17.94	6.88	2	08:46	0.053	2.026
J-539	21.03	43.94	2	12:03	0.798	2.970
J-539-WEIR	17.96	58.16	2	12:01	0.449	2.125
J-54	18.95	15.45	2	11:37	0.358	2.186
J-541	19.36	7.46	2	12:15	0.294	2.554
J-544	18.43	6.99	3	05:39	0.241	0.187
J-548	1.01	30.48	2	23:46	0.098	0.239
J-550	1.14	23.55	2	23:08	0.069	0.033
J-553	4.00	26.35	1	16:14	0.255	0.025
J-554	1.26	33.94	1	06:04	0.131	0.016
J-555	2.13	25.57	2	10:41	0.146	0.001
J-559	1.63	22.64	2	06:26	0.081	0.003
J-560	2.15	15.93	1	21:40	0.111	0.023
J-563	15.96	33.90	3	04:59	0.359	0.714
J-565	16.17	14.77	3	05:14	0.185	0.522
J-566	7.08	154.69	2	13:29	1.917	1.112
J-567	2.75	7.57	2	12:35	0.047	0.013
J-568	13.05	23.89	2	13:01	0.233	0.992
J-569	13.15	16.22	2	20:16	0.362	1.153
J-570	15.28	28.59	2	12:34	0.613	1.887
J-571	10.12	43.82	2	23:17	0.331	0.145
J-575	0.00	37.47	0	00:00	0.001	0.002
J-576	1.60	4.74	2	11:13	0.024	0.003
J-577	0.00	1.04	2	21:20	0.000	0.000
J-578	2.30	6.02	2	11:13	0.039	0.003
J-58	19.04	22.24	2	11:44	0.287	2.437
J-581	6.00	3.80	2	11:12	0.085	0.003
J-585	4.43	19.77	2	21:28	0.109	0.351
J-588	7.01	4.75	2	21:56	0.119	0.037
J-59	18.97	20.78	2	11:14	0.243	2.235
J-591	0.06	26.47	2	10:49	0.006	0.001
J-596	7.18	2.28	2	11:16	0.076	0.008
J-598	3.71	14.07	2	11:54	0.087	0.258
J-6	11.20	11.94	2	11:17	0.082	0.184
J-60	19.64	5.90	2	11:33	0.082	2.284
J-601	1.90	5.25	2	11:23	0.029	0.006
J-602	1.97	6.52	2	11:23	0.031	0.031
J-603	0.00	2.15	2	21:01	0.000	0.001
J-604	0.13	2.43	2	21:15	0.001	0.002
J-606	1.60	5.78	2	11:42	0.023	0.032
J-607	1.19	6.06	2	10:58	0.019	0.003
J-609	1.15	7.01	2	11:02	0.023	0.005
J-61	19.04	15.26	2	12:01	0.308	2.216
J-611	4.62	11.19	2	11:52	0.132	0.236
J-613	3.31	4.25	2	11:21	0.031	0.013
J-615	2.80	3.92	2	11:31	0.029	0.004
J-618	23.23	3.43	2	11:37	0.070	1.116
J-61A	0.00	10.19	3	00:29	0.000	0.000

J-623	18.89	8.28	3	05:56	0.068	0.811
J-624	17.36	26.83	3	05:09	0.227	0.508
J-626	19.31	6.91	2	10:28	0.049	0.724
J-629	20.58	4.90	2	11:02	0.170	0.688
J-63	18.51	5.38	3	04:44	0.126	0.759
J-632	23.21	3.64	2	11:08	0.078	0.793
J-633	19.69	12.18	2	11:09	0.158	0.914
J-637	20.38	10.94	2	11:16	0.102	1.164
J-64	19.37	5.80	2	09:37	0.050	0.756
J-640	23.55	4.94	2	10:29	0.149	1.098
J-647	14.85	41.32	3	01:59	0.575	0.308
J-650	19.12	13.72	2	10:46	0.104	0.733
J-653	17.48	25.11	3	04:42	0.192	0.623
J-654	17.50	29.48	3	05:04	0.182	0.614
J-657	18.60	11.13	2	11:19	0.139	0.435
J-659	19.03	13.35	2	10:39	0.134	0.695
J-663	22.90	11.02	2	11:24	0.454	0.674
J-665	23.28	12.92	2	05:56	0.413	0.746
J-666	19.94	14.29	2	11:11	0.215	0.672
J-67	19.22	5.82	2	11:24	0.078	0.718
J-670	22.37	15.94	2	10:07	0.283	0.922
J-672	0.00	0.51	2	11:55	0.000	0.000
J-673	17.32	22.71	2	11:51	0.414	1.095
J-678	23.37	11.20	2	11:45	0.365	1.022
J-67A	19.23	5.71	2	10:51	0.053	0.720
J-682	8.44	4.81	2	12:15	0.084	0.749
J-684	0.76	2.27	2	11:59	0.001	0.002
J-686	0.31	2.64	2	11:52	0.002	0.011
J-687	0.30	3.02	2	11:59	0.002	0.005
J-691	0.51	4.88	2	11:59	0.003	0.015
J-693	0.00	2.51	0	00:00	0.000	0.000
J-697	0.13	3.64	2	11:40	0.002	0.002
J-7	19.18	9.57	2	09:40	0.179	0.844
J-700	0.13	2.88	2	11:29	0.002	0.000
J-701	0.00	1.82	2	10:57	0.000	0.000
J-702	0.00	0.35	2	11:49	0.000	0.000
J-705	0.06	3.97	2	10:54	0.001	0.001
J-707	0.09	3.83	2	11:11	0.001	0.001
J-710	0.09	2.08	2	11:48	0.001	0.000
J-712	3.68	3.47	2	11:55	0.043	0.153
J-714	3.57	3.97	2	13:34	0.044	0.108
J-719	1.63	3.54	3	03:07	0.007	0.017
J-72	18.13	7.53	3	04:45	0.040	0.751
J-721	0.85	5.12	3	02:27	0.006	0.014
J-725	1.88	15.95	2	10:37	0.021	0.156
J-728	1.97	12.81	2	13:44	0.064	0.178
J-73	19.14	5.83	2	09:36	0.050	0.763
J-734	3.31	34.97	3	02:27	0.130	0.555
J-735	5.28	27.31	3	02:27	0.254	1.638
J-736	49.88	28.05	1	10:26	1.344	7.428
J-74	19.31	5.68	2	11:06	0.101	0.766
J-740	31.70	3.16	2	08:58	0.227	2.028
J-741	23.50	7.07	2	11:42	0.202	1.747
J-744	23.11	9.35	2	10:11	0.252	2.338
J-745	18.28	15.08	3	05:50	0.504	2.349
J-748	18.01	24.38	2	12:04	0.064	1.893
J-748-WEIR-STANTEC	17.99	19.21	2	11:52	0.051	1.891
J-749	26.21	6.66	2	11:36	0.320	1.832
J-750	17.30	20.17	3	05:52	0.198	0.931
J-751	19.70	10.17	2	10:03	0.147	1.804
J-752	18.13	31.68	2	11:59	0.042	1.841
J-753	18.09	4.84	2	10:25	0.039	1.852
J-754	18.15	13.74	2	11:56	0.571	1.970
J-754-WEIR-STANTEC	18.06	20.86	2	11:53	0.038	1.840
J-755	3.61	8.53	2	11:26	0.058	0.226
J-757	2.30	24.78	2	21:29	0.054	0.173
J-760	19.17	12.15	2	10:46	0.091	1.459
J-761	18.50	14.44	2	11:36	0.075	0.824
J-763	15.87	20.39	2	08:59	0.716	0.075
J-764	20.52	10.47	2	10:27	0.269	0.996
J-766	3.30	10.66	2	12:02	0.112	0.536
J-768	2.66	2.94	3	02:36	0.013	0.444
J-769	1.48	3.86	2	03:35	0.009	0.277
J-77	18.48	18.37	2	11:17	0.229	1.451
J-771	0.82	8.81	2	03:35	0.004	0.036
J-772	0.86	6.00	1	22:56	0.017	0.031
J-774	0.72	5.83	3	00:11	0.006	0.006
J-776	0.65	6.37	2	10:25	0.004	0.008
J-778	0.07	4.58	2	23:27	0.001	0.004
J-77A	0.00	7.03	3	02:53	0.000	0.000

J-780	0.04	2.15	2	10:26	0.000	0.001
J-782	0.07	1.32	2	12:03	0.000	0.004
J-784	0.80	1.99	2	12:04	0.011	0.082
J-786	0.44	1.59	2	11:48	0.001	0.020
J-788	0.22	2.14	2	11:59	0.001	0.020
J-790	0.17	1.75	1	15:35	0.000	0.010
J-792	0.37	3.07	2	11:59	0.002	0.017
J-793	0.39	5.01	2	10:34	0.002	0.032
J-795	0.20	2.96	2	11:44	0.001	0.008
J-799	0.05	3.64	2	11:52	0.001	0.002
J-799-WEIR-EAC	0.35	11.48	2	04:58	0.007	0.004
J-80	19.71	5.53	2	08:37	0.168	0.834
J-800	5.58	8.43	2	11:48	0.009	0.162
J-802	7.82	7.03	2	21:20	0.017	0.265
J-806	4.73	5.66	2	11:27	0.011	0.181
J-809	3.43	12.00	2	11:51	0.011	0.124
J-810	7.25	11.46	2	11:51	0.021	0.376
J-813	7.32	6.54	2	11:11	0.020	0.318
J-816	8.84	5.28	2	11:32	0.102	0.452
J-819	7.03	5.84	2	20:57	0.019	0.263
J-82	18.91	8.04	2	11:47	0.058	0.931
J-822	9.20	3.65	2	12:15	0.092	0.388
J-826	10.09	5.00	2	12:15	0.135	0.525
J-829	9.37	6.79	2	10:32	0.025	0.315
J-83	18.32	13.34	3	03:45	0.273	0.930
J-831	9.48	6.62	2	10:42	0.086	0.360
J-836	9.12	6.04	2	10:07	0.067	0.296
J-838	2.42	3.59	2	11:45	0.019	0.062
J-83A	0.00	14.51	3	04:22	0.000	0.000
J-84	18.74	8.33	2	11:43	0.042	0.929
J-841	2.40	5.01	2	11:41	0.010	0.090
J-844	3.55	6.66	2	11:48	0.082	0.223
J-848	0.29	6.82	2	11:34	0.006	0.005
J-850	0.07	7.51	2	11:46	0.003	0.003
J-851	0.09	7.84	2	11:46	0.003	0.004
J-87	19.05	5.03	2	10:43	0.041	1.023
J-879	0.51	5.09	3	01:07	0.015	0.000
J-88	18.78	5.11	2	11:31	0.042	0.982
J-880	20.06	12.15	3	05:16	0.368	0.407
J-881	0.47	9.73	3	05:18	0.029	0.001
J-882	16.80	9.63	2	21:43	0.382	0.062
J-883	18.36	10.73	2	08:48	0.465	0.205
J-884	1.86	31.73	2	13:03	0.167	0.457
J-888	19.41	7.91	2	10:37	0.053	1.476
J-889	19.94	7.30	2	10:44	0.063	1.399
J-891	19.89	8.48	2	10:59	0.050	1.358
J-892	19.66	7.47	2	10:15	0.060	1.255
J-894	20.31	6.12	2	10:13	0.067	1.599
J-896	20.46	7.25	2	10:31	0.103	1.735
J-899	18.41	14.59	3	05:09	0.245	1.253
J-902	0.00	13.62	2	15:01	0.000	0.097
J-903	18.22	25.70	3	05:30	1.645	0.939
J-917	0.02	6.53	2	07:29	0.001	0.001
J-918	0.11	5.53	2	10:41	0.002	0.000
J-934	18.40	16.85	2	11:55	0.448	1.286
J-951	1.61	9.70	2	22:47	0.044	0.005
J-953	1.34	10.69	2	11:47	0.052	0.028
J-954	1.42	23.27	2	10:34	0.066	0.029
J-958	20.35	48.62	2	11:40	0.881	2.997
J-96	13.85	6.71	2	11:49	0.027	0.406
J-963	21.01	11.73	2	11:50	0.268	3.161
J-99	18.94	4.91	2	11:31	0.039	1.375
JCT-24	0.39	25.54	2	21:27	0.047	0.152
JCT-26	6.27	68.67	2	14:13	0.396	0.267
JCT-26-WEIR	1.28	18.11	2	21:50	0.021	0.297
JCT-30	20.16	43.45	2	11:40	0.175	3.136
JCT-46	20.29	52.75	0	00:00	2.120	1.160
JCT-64	21.55	11.40	2	10:54	0.187	0.834

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
J-856-STORAGE-NEW	1.166	31.36	0.0	0.0	1.540	41	2 12:06	16.00

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
J-171	18.24	4.11	11.54	2.574
J-263	19.42	3.25	6.73	2.192
J-279	58.78	2.42	7.05	3.389
J-33A	41.70	1.46	2.82	1.625
J-386	17.53	1.59	1.70	0.865
J-442	30.45	6.08	12.93	5.703
J-561A	33.04	3.20	16.58	2.988
J-567A	18.03	2.57	2.82	1.439
J-582	11.18	2.58	5.03	1.259
J-605	14.85	1.27	6.79	0.896
J-671	46.07	2.34	7.15	3.316
J-694	2.97	0.64	5.46	0.099
J-703	1.17	1.94	5.84	0.118
J-909	97.48	0.17	4.41	0.422
J-911	97.39	0.34	7.94	0.855
J-913	0.00	0.00	0.00	0.000
J-919	50.92	0.34	8.67	0.511
J-920A	3.57	0.29	2.80	0.017
J-963A	18.05	0.14	8.25	0.137
J575A	19.63	1.02	54.79	0.946
OFALL-10	36.44	3.01	4.62	2.773
OFALL-12	22.44	2.15	2.84	1.464
OFALL-14	23.99	1.11	1.41	0.763
OFALL-16	19.53	3.29	3.85	1.974
OFALL-18	16.88	1.97	2.06	1.044
OFALL-20	34.94	0.95	1.44	0.859
OFALL-22	12.06	1.85	1.95	0.792
OFALL-24	0.00	0.00	0.00	0.000
OFALL-26	53.80	1.35	2.27	1.630
OFALL-28	14.39	3.51	3.79	1.757
OFALL-30	42.38	1.18	1.90	1.197
OFALL-32	36.62	1.34	2.27	1.301
OFALL-34	18.92	0.60	0.63	0.331
OFALL-36	24.24	1.06	1.21	0.690
OFALL-38	98.67	0.29	1.28	0.651
OFALL-40	80.22	0.21	1.28	0.512
OFALL-42	87.78	0.24	1.28	0.576
OFALL-44	94.83	0.49	3.30	1.084
OFALL-46	63.19	0.49	1.90	0.625
OFALL-48	63.71	0.58	2.84	0.822
OFALL-50	87.79	0.34	1.28	0.620
OFALL-52	86.12	1.23	1.28	1.808
OFALL-54	93.33	0.72	2.84	1.237
OFALL-66	33.46	2.05	3.79	2.009
WELL-2E	38.27	4.41	55.95	4.062
WELL-3	42.88	0.69	4.86	0.915
WELL-4	44.62	1.92	12.49	2.679
WELL-W-ENID-DR	56.22	1.82	3.79	2.425
System	40.17	74.60	206.62	65.952

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Link Flow Summary
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Link	Type	Maximum |Run Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Output Flow| CFS	Time of Max Occurrence days hr:min	Max/ Full Flow	Maximum |Veloc| ft/sec	Time of Max Occurrence days hr:min	Max/ Full Depth	Time of Max Occurrence days hr:min	Maximum Top Width ft
C-WELL3W	CONDUIT	4.86	0 00:00	2.98	2 12:15	1.00	5.69	0 00:00	1.00	0 00:00	0.42
C-WELL4E	CONDUIT	12.49	0 00:00	8.94	2 12:15	0.36	5.24	0 00:00	1.00	2 12:15	0.94
CDT-101	CONDUIT	17.66	2 12:26	10.57	2 11:32	3.46	2.50	2 12:26	1.00	2 09:03	3.00
CDT-103	CONDUIT	49.86	3 04:28	40.84	3 04:29	9.76	7.05	3 04:28	1.00	2 09:07	3.00
CDT-105	CONDUIT	17.86	2 11:31	11.14	2 11:24	3.50	2.53	2 11:31	1.00	2 09:15	3.00
CDT-107	CONDUIT	17.10	3 05:57	15.97	3 05:48	3.35	2.42	3 05:57	1.00	2 09:35	3.00
CDT-109	CONDUIT	11.88	2 12:04	9.81	2 12:05	2.33	1.68	2 12:04	1.00	2 09:40	3.00
CDT-11	CONDUIT	4.08	2 22:33	3.38	2 11:53	1.47	4.57	2 22:33	1.00	0 20:11	1.07
CDT-111	CONDUIT	14.55	3 05:40	14.23	3 05:53	2.85	2.06	3 05:40	1.00	2 07:23	3.00
CDT-113	CONDUIT	15.29	2 19:02	14.76	2 19:19	2.99	2.16	2 19:02	1.00	2 10:58	3.00
CDT-115	CONDUIT	17.25	2 11:08	11.38	2 11:08	1.57	1.37	2 11:08	1.00	2 09:15	4.00
CDT-121	CONDUIT	55.95	0 00:00	22.96	2 12:23	0.14	9.21	0 00:00	1.00	0 00:00	1.72
CDT-123	CONDUIT	81.54	2 14:59	57.30	2 15:12	15.96	11.54	2 14:59	1.00	1 05:16	3.00
CDT-125	CONDUIT	16.93	2 11:53	5.58	2 11:53	1.54	1.35	2 11:53	1.00	1 07:25	4.00
CDT-171	CONDUIT	16.75	2 11:18	13.29	2 11:27	0.17	1.45	2 11:13	1.00	2 08:56	4.00
CDT-173	CONDUIT	23.70	2 21:29	13.57	2 11:16	1.52	7.17	1 04:36	1.00	2 11:47	4.00
CDT-175	CONDUIT	7.39	2 11:51	6.68	2 11:19	0.47	1.04	1 17:05	1.00	2 11:33	4.00
CDT-177	CONDUIT	7.39	2 11:51	6.68	2 11:19	0.47	1.04	1 17:05	1.00	2 11:33	4.00
CDT-179	CONDUIT	6.82	2 11:52	5.27	2 11:54	0.01	0.70	3 05:42	1.00	2 11:52	4.00
CDT-181	CONDUIT	2.74	2 11:16	2.59	2 11:16	0.18	0.40	1 06:26	1.00	2 12:10	4.00
CDT-183	CONDUIT	21.19	2 21:28	13.75	2 21:28	1.36	1.69	2 21:28	1.00	2 11:07	4.00
CDT-185	CONDUIT	2.74	2 11:16	2.59	2 11:16	0.18	0.40	1 06:26	1.00	2 12:10	4.00
CDT-187	CONDUIT	16.09	2 22:24	11.35	2 21:12	1.03	1.28	2 22:24	1.00	2 03:58	4.00
CDT-189	CONDUIT	16.09	2 22:24	11.35	2 21:12	1.03	1.28	2 22:24	1.00	2 03:58	4.00
CDT-191	CONDUIT	14.77	2 11:54	5.55	2 11:56	0.95	1.18	2 11:54	1.00	2 11:42	4.00
CDT-193	CONDUIT	24.54	2 10:21	19.94	2 10:13	1.58	1.95	2 10:21	1.00	2 08:13	4.00
CDT-195	CONDUIT	12.61	3 06:00	8.07	3 06:00	0.81	1.00	3 06:00	1.00	0 19:23	4.00
CDT-197	CONDUIT	34.67	3 05:04	19.31	3 05:09	2.23	2.76	3 05:04	1.00	2 10:17	4.00
CDT-199	CONDUIT	25.57	3 04:49	12.44	3 04:28	1.64	2.03	3 04:49	1.00	2 10:16	4.00
CDT-201	CONDUIT	18.02	3 05:53	17.39	3 05:53	1.16	1.43	3 05:53	1.00	2 10:19	4.00
CDT-205	CONDUIT	28.31	3 04:42	17.00	3 04:54	1.82	2.25	3 04:42	1.00	2 10:17	4.00
CDT-207	CONDUIT	33.49	3 04:42	25.38	3 04:59	2.15	2.67	3 04:42	1.00	2 09:43	4.00
CDT-209	CONDUIT	25.99	3 00:19	15.14	2 22:47	1.67	2.07	3 00:19	1.00	1 07:26	4.00
CDT-211	CONDUIT	25.47	3 00:19	14.44	2 22:36	1.64	2.03	3 00:19	1.00	1 07:26	4.00
CDT-213	CONDUIT	30.43	2 05:08	24.26	3 02:56	1.96	2.42	2 05:08	1.00	0 22:12	4.00
CDT-215	CONDUIT	29.38	3 02:26	23.29	3 02:37	1.89	2.34	3 02:26	1.00	2 07:48	4.00
CDT-217	CONDUIT	13.60	3 04:49	7.54	3 04:50	0.04	1.08	3 04:49	1.00	2 10:16	4.00
CDT-219	CONDUIT	22.75	3 05:36	11.87	3 05:55	1.46	1.81	3 05:36	1.00	2 10:14	4.00
CDT-221	CONDUIT	24.06	3 02:51	10.65	3 02:20	1.55	1.91	3 02:51	1.00	2 11:52	4.00
CDT-223	CONDUIT	24.10	2 11:51	10.55	3 05:53	1.55	1.92	2 11:51	1.00	2 10:22	4.00
CDT-225	CONDUIT	19.20	3 03:10	10.94	3 03:14	1.23	1.53	3 03:10	1.00	2 11:53	4.00
CDT-227	CONDUIT	25.09	3 03:24	19.82	3 03:01	1.61	2.00	3 03:24	1.00	2 10:54	4.00
CDT-229	CONDUIT	15.47	3 01:43	10.95	3 01:42	0.99	1.23	3 01:43	1.00	2 10:16	4.00
CDT-231	CONDUIT	14.64	2 11:52	5.96	2 11:50	0.94	1.16	2 11:52	1.00	2 10:16	4.00
CDT-233	CONDUIT	19.19	2 10:13	14.71	2 10:23	1.23	1.63	2 09:58	1.00	2 10:10	4.00
CDT-235	CONDUIT	34.25	3 04:17	22.74	2 22:36	2.20	2.73	3 04:17	1.00	2 10:57	4.00
CDT-237	CONDUIT	20.01	2 12:01	10.75	2 11:54	0.04	1.59	2 12:01	1.00	2 10:39	4.00
CDT-239	CONDUIT	21.60	2 11:44	14.38	2 11:39	1.39	1.72	2 11:44	1.00	2 08:58	4.00
CDT-241	CONDUIT	15.19	2 11:52	6.37	2 11:50	0.98	1.21	2 11:52	1.00	2 10:16	4.00
CDT-243	CONDUIT	8.21	2 12:15	7.46	2 12:24	0.02	0.65	2 12:15	1.00	2 10:58	4.00
CDT-245	CONDUIT	7.74	2 11:46	6.76	2 11:47	0.01	0.62	2 11:46	1.00	2 10:58	4.00

CDT-247	CONDUIT	22.35	3	05:09	12.63	3	05:12	1.44	1.78	3	05:09	1.00	2	10:16	4.00
CDT-249	CONDUIT	15.33	3	05:09	9.42	3	05:08	0.99	1.22	3	05:09	1.00	2	10:11	4.00
CDT-251	CONDUIT	16.15	3	03:24	6.77	3	03:20	1.04	1.32	0	20:44	1.00	2	11:53	4.00
CDT-253	CONDUIT	16.06	3	05:58	11.99	3	05:58	1.03	1.28	3	05:58	1.00	2	10:51	4.00
CDT-255	CONDUIT	10.81	2	11:25	5.58	2	11:20	2.20	0.86	2	11:25	1.00	2	08:57	4.00
CDT-257	CONDUIT	13.10	2	11:24	9.29	2	11:43	2.28	1.04	2	11:24	1.00	2	08:57	4.00
CDT-259	CONDUIT	20.02	2	11:56	12.31	3	03:31	1.29	1.59	2	11:56	1.00	2	10:53	4.00
CDT-261	CONDUIT	27.62	2	22:28	15.90	3	04:09	1.77	2.60	0	00:00	1.00	2	09:32	4.00
CDT-263	CONDUIT	22.42	3	02:44	13.17	3	01:57	1.44	1.78	3	02:44	1.00	2	11:49	4.00
CDT-265	CONDUIT	22.18	1	18:00	19.23	1	04:05	1.43	2.00	1	05:04	1.00	0	20:56	4.00
CDT-267	CONDUIT	22.18	1	18:00	19.23	1	04:05	1.43	2.00	1	05:04	1.00	0	20:56	4.00
CDT-269	CONDUIT	14.51	2	11:58	10.89	3	02:36	0.93	1.32	2	11:58	1.00	2	11:58	4.00
CDT-271	CONDUIT	20.82	3	03:00	15.68	3	04:36	1.34	1.66	3	03:00	1.00	2	11:32	4.00
CDT-273	CONDUIT	24.28	3	03:22	15.60	3	05:54	1.56	3.48	0	19:08	1.00	2	08:51	4.00
CDT-275	CONDUIT	18.87	2	11:46	13.42	2	09:50	1.21	1.94	2	10:25	1.00	2	11:21	4.00
CDT-277	CONDUIT	17.39	2	11:52	10.80	3	03:31	1.12	2.31	0	13:27	1.00	2	11:32	4.00
CDT-279	CONDUIT	25.05	3	04:08	15.65	3	05:54	1.61	3.48	0	19:08	1.00	2	08:51	4.00
CDT-281	CONDUIT	17.12	2	11:53	10.75	3	03:31	1.10	2.67	0	17:18	1.00	2	11:32	4.00
CDT-283	CONDUIT	14.90	2	11:28	9.48	2	11:05	0.96	1.20	2	10:51	1.00	2	10:59	4.00
CDT-285	CONDUIT	16.05	3	04:21	7.36	3	04:08	1.03	1.28	3	04:21	1.00	2	11:30	4.00
CDT-287	CONDUIT	25.45	3	04:54	20.22	3	04:54	1.64	2.03	3	04:54	1.00	2	11:27	4.00
CDT-289	CONDUIT	30.14	3	04:35	16.95	3	03:58	1.94	2.40	3	04:35	1.00	2	11:54	4.00
CDT-291	CONDUIT	25.69	2	11:20	17.58	2	11:21	1.65	2.04	2	11:20	1.00	2	08:45	4.00
CDT-293	CONDUIT	29.22	3	05:03	22.77	3	01:53	1.88	2.33	3	05:03	1.00	2	11:32	4.00
CDT-295	CONDUIT	13.26	2	11:52	9.83	2	12:24	0.85	2.88	0	16:03	1.00	2	11:48	4.00
CDT-297	CONDUIT	16.56	2	11:55	12.71	2	09:49	1.06	1.42	2	09:48	1.00	2	10:10	4.00
CDT-299	CONDUIT	15.24	3	05:54	13.51	3	05:55	6.22	4.85	3	05:54	1.00	1	00:50	2.00
CDT-439	CONDUIT	14.37	3	05:17	12.19	3	05:24	21.52	4.58	3	05:17	1.00	0	19:54	2.00
CDT-493	CONDUIT	12.99	1	17:22	12.18	1	22:15	17.62	2.65	1	17:22	1.00	0	19:31	2.50
CDT-495	CONDUIT	23.09	1	04:47	20.11	1	13:42	17.03	4.70	1	04:47	1.00	0	19:30	2.50
CDT-525	CONDUIT	48.29	2	12:03	44.66	2	11:59	3.10	3.84	2	12:03	1.00	0	23:13	4.00
CDT-539	CONDUIT	29.24	2	11:55	29.05	2	11:56	1.07	4.14	2	11:55	1.00	1	21:57	3.00
CDT-87	CONDUIT	14.64	2	12:15	14.60	2	12:16	1.14	5.40	2	12:15	0.41	2	12:15	3.00
CDT-91	CONDUIT	80.42	3	03:55	59.20	3	03:32	15.74	11.38	3	03:55	1.00	0	15:27	3.00
CDT-93	CONDUIT	37.87	1	17:09	28.36	2	03:35	7.41	5.40	1	17:09	1.00	0	22:20	3.00
CDT-95	CONDUIT	16.93	3	03:55	13.51	3	03:18	3.31	2.39	3	03:55	1.00	2	10:55	3.00
CDT-97	CONDUIT	19.21	2	11:50	11.51	2	11:48	3.76	2.72	2	11:50	1.00	2	11:08	3.00
CDT-99	CONDUIT	9.79	2	11:03	6.66	2	10:38	1.92	1.38	2	11:03	1.00	1	19:29	3.00
J-963_OUTFALL	CONDUIT	8.25	0	00:00	2.49	2	12:17	23.72	8.20	0	00:00	1.00	0	00:00	0.31
J561_OUTFALL	CONDUIT	16.58	2	13:34	16.57	2	13:35	5.09	3.66	2	13:34	1.00	0	23:08	2.39
J575_OUTFALL	CONDUIT	54.79	0	00:00	9.30	2	12:16	16.84	12.14	0	00:00	1.00	0	00:00	0.94
J920_OUTFALL	CONDUIT	2.80	2	09:53	1.29	2	21:42	0.86	0.62	2	09:53	1.00	0	23:13	2.39
LINK-WELL-2	CONDUIT	13.17	2	11:50	11.94	2	12:15	6.27	1.86	2	11:50	1.00	0	18:28	2.95
U-1	CONDUIT	13.99	3	04:45	11.64	3	04:32	15.72	3.09	3	04:45	1.00	0	20:30	2.40
U-100	CONDUIT	3.80	2	11:33	3.10	2	11:33	21.42	2.72	2	11:33	1.00	0	19:52	1.33
U-101	CONDUIT	7.39	3	00:45	6.35	2	13:57	28.48	5.30	3	00:45	1.00	0	19:53	1.33
U-102	CONDUIT	3.82	2	12:15	3.82	2	12:15	20.47	2.74	2	12:15	1.00	0	19:52	1.33
U-103	CONDUIT	6.94	3	00:31	6.29	3	00:26	34.60	4.97	3	00:31	1.00	0	19:53	1.33
U-104	CONDUIT	5.38	2	11:24	3.82	2	12:15	41.37	9.87	2	11:24	1.00	0	18:23	0.83
U-105	CONDUIT	11.16	3	05:16	7.78	2	12:20	22.07	6.32	3	05:16	1.00	1	07:10	1.50
U-106	CONDUIT	11.54	2	12:15	11.54	2	12:15	1.98	5.74	2	12:15	1.00	1	14:43	1.20
U-11	CONDUIT	10.85	2	11:59	8.46	3	05:50	6.14	3.45	2	11:59	1.00	0	20:44	2.00
U-110	CONDUIT	9.18	2	02:17	7.97	2	09:25	14.66	4.57	2	02:17	1.00	0	18:22	1.60
U-112	CONDUIT	7.87	2	11:47	4.56	1	20:29	10.27	3.92	2	11:47	1.00	0	18:37	1.60
U-113	CONDUIT	2.49	0	18:52	2.48	0	18:52	24.83	2.68	0	18:52	1.00	0	17:46	1.20
U-114	CONDUIT	3.27	2	11:56	2.90	2	11:59	13.22	1.63	2	11:56	1.00	0	18:57	1.60
U-118	CONDUIT	5.62	2	11:40	4.20	2	11:32	18.62	4.97	2	11:40	1.00	0	19:27	1.20
U-121	CONDUIT	4.97	2	11:55	3.57	0	21:06	18.60	2.47	2	11:55	1.00	0	20:01	1.60
U-122	CONDUIT	6.65	2	11:48	3.97	0	23:39	14.07	3.31	2	11:48	1.00	0	20:01	1.60
U-125	CONDUIT	6.33	0	21:05	6.21	2	03:20	11.83	3.19	0	21:37	1.00	2	08:02	2.00

U-129	CONDUIT	6.23	2	11:36	4.35	2	11:50	16.28	5.51	2	11:36	1.00	0	19:24	1.20
U-13	CONDUIT	7.63	3	05:13	6.77	3	05:50	27.06	3.80	3	05:13	1.00	0	19:44	1.60
U-131	CONDUIT	2.87	0	20:02	2.70	3	04:16	21.68	2.54	0	20:02	1.00	0	19:30	1.20
U-141	CONDUIT	4.25	2	01:30	3.51	2	08:48	27.34	3.76	2	01:30	1.00	0	19:20	1.20
U-142	CONDUIT	4.30	2	08:47	3.37	2	10:05	28.35	3.81	2	08:47	1.00	0	19:20	1.20
U-147	CONDUIT	4.06	2	10:25	3.00	2	10:26	33.12	3.59	2	10:25	1.00	0	19:20	1.20
U-15	CONDUIT	3.98	2	11:59	3.49	2	12:00	1.33	3.52	2	11:59	1.00	0	20:00	1.20
U-150	CONDUIT	3.76	2	10:11	3.31	2	09:48	28.54	3.32	2	10:11	1.00	0	19:20	1.20
U-153	CONDUIT	5.23	2	10:04	4.06	2	07:19	22.55	4.63	2	10:04	1.00	0	19:20	1.20
U-155	CONDUIT	7.42	2	10:25	4.40	2	09:05	16.62	6.56	2	10:25	1.00	0	19:20	1.20
U-156	CONDUIT	3.97	2	09:40	3.08	2	11:10	27.98	3.51	2	09:40	1.00	0	19:20	1.20
U-158	CONDUIT	7.57	2	09:35	5.72	2	11:24	27.47	6.69	2	09:35	1.00	0	19:20	1.20
U-16	CONDUIT	4.99	3	04:49	4.62	3	04:50	18.18	2.48	3	04:49	1.00	1	09:46	1.60
U-160	CONDUIT	4.28	2	09:40	2.96	1	20:40	19.82	2.42	2	09:40	1.00	0	19:24	1.50
U-161	CONDUIT	9.06	2	10:57	6.76	2	11:10	39.37	8.08	2	10:57	1.00	0	19:17	1.20
U-165	CONDUIT	3.18	2	11:53	2.35	2	06:23	21.43	2.81	2	11:53	1.00	0	18:05	1.20
U-167	CONDUIT	3.95	3	03:07	2.61	3	03:08	31.49	3.50	3	03:07	1.00	0	18:05	1.20
U-17	CONDUIT	14.05	3	05:05	9.37	2	11:58	0.19	1.99	3	05:05	1.00	2	09:27	3.00
U-171	CONDUIT	3.41	2	11:53	2.28	2	11:52	27.77	3.02	2	11:53	1.00	0	18:05	1.20
U-172	CONDUIT	4.26	2	11:53	3.71	3	03:05	33.93	3.77	2	11:53	1.00	0	18:05	1.20
U-176	CONDUIT	4.25	2	11:51	3.77	2	11:52	28.19	3.76	2	11:51	1.00	0	18:05	1.20
U-177	CONDUIT	10.03	2	11:52	8.25	2	11:52	23.05	4.99	2	11:52	1.00	0	19:03	1.60
U-18	CONDUIT	6.26	3	05:36	4.22	3	05:58	18.40	5.53	3	05:36	1.00	0	21:19	1.20
U-181	CONDUIT	8.06	3	05:45	6.56	2	11:52	32.12	4.63	3	05:45	1.00	0	19:03	1.60
U-184	CONDUIT	13.80	3	05:56	8.32	3	05:45	31.33	6.94	3	05:56	1.00	0	19:03	1.60
U-186	CONDUIT	11.23	2	07:59	9.74	0	20:28	66.70	9.93	2	07:59	1.00	0	18:05	1.20
U-191	CONDUIT	6.41	2	09:49	5.73	2	10:12	43.31	5.66	2	09:49	1.00	0	18:05	1.20
U-193	CONDUIT	7.51	2	10:02	5.85	2	10:12	21.71	6.64	2	10:02	1.00	0	18:05	1.20
U-195	CONDUIT	7.43	2	08:47	6.05	2	10:03	24.63	6.57	2	08:47	1.00	0	18:05	1.20
U-196	CONDUIT	6.48	2	09:43	5.32	2	09:50	44.73	5.73	2	09:43	1.00	0	18:05	1.20
U-197	CONDUIT	22.63	1	20:38	13.02	1	22:02	26.91	11.32	1	20:38	1.00	0	19:03	1.60
U-199	CONDUIT	22.85	2	05:46	17.35	1	19:50	30.73	11.37	2	05:46	1.00	0	19:03	1.60
U-20	CONDUIT	3.47	3	05:36	3.02	3	05:38	24.89	3.07	3	05:36	1.00	0	21:19	1.20
U-200	CONDUIT	16.62	2	05:46	15.99	2	05:46	38.55	8.27	2	05:46	1.00	0	19:03	1.60
U-201	CONDUIT	22.81	2	10:22	22.01	2	10:02	32.35	7.26	2	10:22	1.00	0	19:20	2.00
U-202	CONDUIT	30.80	2	08:51	26.49	2	10:02	32.59	9.87	2	08:51	1.00	0	19:28	2.00
U-203	CONDUIT	16.24	0	20:13	15.23	1	04:13	63.99	14.36	0	20:13	1.00	0	18:05	1.20
U-204	CONDUIT	8.42	3	02:30	7.31	3	03:21	23.97	7.45	3	02:30	1.00	0	18:05	1.20
U-206	CONDUIT	4.47	1	04:47	3.99	1	13:42	23.19	3.95	1	04:47	1.00	0	18:05	1.20
U-207	CONDUIT	6.85	3	00:14	6.56	3	03:01	31.06	6.05	3	00:14	1.00	0	18:05	1.20
U-208	CONDUIT	7.56	3	01:11	6.68	3	00:15	29.06	6.68	3	01:11	1.00	0	18:05	1.20
U-211	CONDUIT	6.46	3	00:02	6.01	2	14:01	44.66	5.71	3	00:02	1.00	0	18:05	1.20
U-213	CONDUIT	6.70	3	01:33	6.17	3	01:31	32.11	5.46	3	01:33	1.00	0	18:14	1.25
U-214	CONDUIT	7.05	3	01:48	6.19	3	00:30	0.42	2.25	3	01:48	1.00	0	19:19	1.89
U-22	CONDUIT	4.32	3	05:58	4.01	3	05:36	23.19	3.82	3	05:58	1.00	0	21:19	1.20
U-220	CONDUIT	22.24	2	10:08	20.38	2	06:12	38.80	7.08	2	10:08	1.00	0	17:21	2.00
U-221	CONDUIT	10.39	3	03:56	7.39	3	05:41	21.52	9.18	3	03:56	1.00	0	12:14	1.20
U-227	CONDUIT	5.70	1	08:20	4.68	2	07:32	26.23	5.04	1	08:20	1.00	0	18:05	1.20
U-228	CONDUIT	5.17	2	09:50	4.17	2	09:59	38.84	4.57	2	09:50	1.00	0	18:05	1.20
U-231	CONDUIT	19.94	2	06:59	10.26	2	11:25	14.22	6.35	2	06:59	1.00	0	19:53	2.00
U-232	CONDUIT	8.85	3	05:40	7.44	3	05:41	1.12	4.40	3	05:40	1.00	0	19:03	1.60
U-233	CONDUIT	5.02	2	08:47	4.46	1	00:34	41.77	4.61	2	10:09	1.00	0	19:05	1.20
U-237	CONDUIT	7.91	2	10:19	5.64	2	10:13	18.55	2.52	2	10:19	1.00	0	19:59	2.00
U-239	CONDUIT	7.27	3	05:41	6.10	3	05:42	30.22	3.61	3	05:41	1.00	0	19:03	1.60
U-240	CONDUIT	7.95	3	05:41	6.09	2	09:44	43.52	7.08	3	05:41	1.00	0	19:17	1.20
U-242	CONDUIT	9.11	3	04:33	6.10	0	21:11	9.96	4.53	3	04:33	1.00	0	19:24	1.58
U-244	CONDUIT	6.16	3	05:41	5.39	3	05:42	48.98	5.44	3	05:41	1.00	0	19:20	1.19
U-245	CONDUIT	4.53	3	04:20	3.35	3	04:26	28.84	4.01	3	04:20	1.00	0	19:17	1.16
U-249	CONDUIT	5.01	3	04:22	3.89	3	04:43	30.32	4.43	3	04:22	1.00	0	19:17	1.19
U-25	CONDUIT	4.70	3	05:58	3.60	3	05:56	9.19	4.16	3	05:58	1.00	0	21:19	1.20

U-251	CONDUIT	5.66	3	05:41	3.55	3	05:42	20.09	5.00	3	05:41	1.00	0	19:17	1.20
U-253	CONDUIT	3.82	3	05:41	3.14	3	05:54	44.34	4.87	3	05:41	1.00	0	19:14	1.00
U-254	CONDUIT	5.96	1	12:27	5.05	1	12:56	48.71	5.27	1	12:27	1.00	0	19:17	1.20
U-256	CONDUIT	43.16	2	03:37	39.81	2	02:01	12.89	9.54	2	03:37	1.00	0	19:58	2.40
U-259	CONDUIT	9.17	2	09:07	7.54	2	06:59	32.57	8.10	2	09:07	1.00	0	19:05	1.20
U-26	CONDUIT	4.11	2	11:56	3.37	2	11:57	30.48	3.64	2	11:56	1.00	0	21:19	1.20
U-260	CONDUIT	4.14	2	08:15	4.13	2	08:15	56.69	5.27	2	08:15	1.00	0	19:05	0.97
U-261	CONDUIT	7.00	2	11:33	4.90	2	10:25	11.74	5.14	1	12:02	1.00	2	11:29	1.50
U-262-NEW	CONDUIT	8.44	2	22:09	6.73	2	22:33	28.76	10.74	2	22:09	1.00	2	10:14	0.90
U-263	CONDUIT	6.73	2	23:49	6.53	3	00:50	0.88	8.57	2	23:49	1.00	2	08:53	0.39
U-265	CONDUIT	5.16	2	10:27	5.00	2	11:18	0.27	5.16	2	10:10	1.00	2	07:28	1.20
U-267	CONDUIT	3.72	2	09:37	3.03	2	10:00	25.56	3.29	2	09:37	1.00	0	15:49	1.20
U-270	CONDUIT	4.42	2	06:44	3.64	3	05:12	25.88	3.91	2	06:44	1.00	0	15:49	1.20
U-271	CONDUIT	4.52	2	11:49	3.56	2	11:50	30.77	4.00	2	11:49	1.00	0	15:49	1.20
U-274	CONDUIT	4.57	3	05:24	3.55	3	05:24	14.04	4.04	3	05:24	1.00	0	21:19	1.20
U-277	CONDUIT	1.84	3	05:28	1.52	3	05:32	13.53	1.63	3	05:28	1.00	0	21:19	1.20
U-28	CONDUIT	3.99	3	05:48	3.28	3	05:49	20.73	3.53	3	05:48	1.00	0	21:19	1.20
U-280	CONDUIT	2.66	2	11:06	1.94	2	11:20	27.01	2.35	2	11:06	1.00	0	19:24	1.20
U-286	CONDUIT	2.21	2	11:23	2.12	2	13:29	19.48	1.95	2	11:23	1.00	0	19:25	1.20
U-289	CONDUIT	2.29	2	11:24	2.23	2	13:28	20.10	2.02	2	11:24	1.00	0	19:25	1.20
U-29	CONDUIT	3.29	2	11:53	2.63	3	05:52	23.17	2.91	2	11:53	1.00	0	21:19	1.20
U-290	CONDUIT	3.78	2	11:17	2.64	2	10:10	24.86	3.34	2	11:17	1.00	0	19:16	1.20
U-291	CONDUIT	3.78	2	11:05	2.64	2	11:55	24.05	3.34	2	11:05	1.00	0	19:16	1.20
U-293	CONDUIT	6.58	2	10:42	5.40	2	10:53	18.81	5.82	2	10:42	1.00	0	19:17	1.20
U-294	CONDUIT	3.80	3	05:14	3.26	3	05:23	27.39	3.36	3	05:14	1.00	0	19:20	1.20
U-295	CONDUIT	6.20	3	04:47	5.76	3	04:48	18.33	5.48	3	04:47	1.00	0	19:19	1.20
U-298	CONDUIT	6.29	3	05:33	4.77	3	04:42	20.02	5.56	3	05:33	1.00	0	19:19	1.20
U-299	CONDUIT	5.70	2	07:21	3.69	2	06:25	17.08	5.04	2	07:21	1.00	0	19:16	1.20
U-300	CONDUIT	8.11	2	11:16	4.94	2	11:19	20.75	7.17	2	11:16	1.00	0	19:19	1.20
U-304	CONDUIT	3.30	2	11:42	2.88	2	11:42	69.17	6.56	2	11:42	1.00	0	18:41	0.80
U-308	CONDUIT	5.33	2	11:44	4.15	3	05:54	41.01	4.71	2	11:44	1.00	0	19:42	1.20
U-308A	CONDUIT	6.92	3	05:42	5.26	2	11:44	28.23	6.12	3	05:42	1.00	0	19:23	1.20
U-309	CONDUIT	5.47	3	05:14	4.84	3	05:49	37.88	4.84	3	05:14	1.00	0	19:20	1.20
U-312	CONDUIT	5.37	2	11:46	5.13	2	11:54	46.96	4.75	2	11:46	1.00	0	19:19	1.20
U-315	CONDUIT	5.52	3	05:21	4.68	2	11:40	32.05	4.88	3	05:21	1.00	0	19:10	1.20
U-316	CONDUIT	8.29	2	11:45	7.08	2	11:52	34.72	7.33	2	11:45	1.00	0	19:18	1.20
U-319	CONDUIT	7.30	2	11:53	6.19	2	11:47	25.63	3.63	2	11:53	1.00	1	05:20	1.60
U-322	CONDUIT	7.05	2	11:46	5.94	2	11:53	24.61	3.51	2	11:46	1.00	1	04:55	1.60
U-325	CONDUIT	11.73	2	11:54	8.02	2	11:55	45.02	5.83	2	11:54	1.00	1	03:05	1.60
U-327	CONDUIT	12.29	2	11:54	8.57	2	11:55	45.71	6.11	2	11:54	1.00	1	13:05	1.60
U-328	CONDUIT	21.71	2	11:43	11.31	2	11:36	50.90	6.91	2	11:43	1.00	1	02:44	2.00
U-330	CONDUIT	15.24	2	11:29	10.76	2	11:29	0.78	4.85	2	11:29	1.00	0	21:18	2.00
U-332	CONDUIT	12.24	2	11:26	9.59	2	11:29	1.16	6.09	2	11:26	1.00	0	19:11	1.60
U-335	CONDUIT	9.69	3	05:26	8.75	3	05:27	31.10	4.82	3	05:26	1.00	0	18:26	1.60
U-337	CONDUIT	15.45	3	05:12	8.06	1	15:47	0.66	4.92	3	05:12	1.00	0	19:07	2.00
U-34	CONDUIT	2.19	2	11:18	1.90	2	12:39	20.52	1.94	2	11:18	1.00	0	21:19	1.20
U-341	CONDUIT	12.54	2	11:22	10.81	2	11:35	46.43	6.24	2	11:22	1.00	0	17:10	1.60
U-344	CONDUIT	4.71	3	05:18	3.77	3	05:43	43.40	4.17	3	05:18	1.00	0	17:23	1.20
U-345	CONDUIT	4.63	3	05:20	3.60	3	05:34	1.86	4.10	3	05:20	1.00	0	19:12	1.20
U-346	CONDUIT	11.93	3	05:23	5.53	2	11:47	30.63	10.55	3	05:23	1.00	0	19:13	1.20
U-347	CONDUIT	5.20	2	11:47	4.68	2	11:47	49.56	4.60	2	11:47	1.00	0	19:23	1.20
U-348	CONDUIT	8.04	3	05:39	6.66	2	11:54	28.44	4.00	3	05:39	1.00	0	19:46	1.60
U-35	CONDUIT	2.93	2	11:52	2.84	2	11:53	25.83	2.59	2	11:52	1.00	0	21:19	1.20
U-351	CONDUIT	7.12	2	11:53	6.26	2	11:54	54.61	5.80	2	11:53	1.00	0	19:13	1.25
U-352	CONDUIT	2.49	2	11:10	1.85	2	09:59	19.50	2.20	2	11:10	1.00	0	19:44	1.20
U-353	CONDUIT	5.57	2	11:16	3.51	2	11:22	18.00	4.93	2	11:16	1.00	0	19:43	1.20
U-354	CONDUIT	5.86	2	09:51	4.85	2	11:07	17.12	2.91	2	09:51	1.00	1	23:22	1.60
U-357	CONDUIT	5.86	2	09:33	4.89	2	09:51	20.50	2.91	2	09:33	1.00	2	06:53	1.60
U-358	CONDUIT	12.84	2	11:43	7.60	2	09:25	41.10	11.35	2	11:43	1.00	0	19:12	1.20
U-364	CONDUIT	3.76	3	05:55	3.16	2	11:58	33.28	3.33	3	05:55	1.00	0	21:17	1.20

U-364A	CONDUIT	24.16	2	18:58	23.41	2	21:32	7.76	1.92	2	18:58	1.00	1	07:25	4.00
U-366	CONDUIT	3.63	2	11:47	2.10	2	11:51	35.19	3.21	2	11:47	1.00	0	19:23	1.20
U-37	CONDUIT	7.26	2	10:26	5.10	2	09:43	16.19	6.42	2	10:26	1.00	0	21:19	1.20
U-372	CONDUIT	4.29	2	11:46	3.31	2	11:47	38.54	3.79	2	11:46	1.00	0	19:23	1.20
U-373	CONDUIT	3.59	2	11:29	3.10	2	11:33	20.83	3.18	2	11:29	1.00	0	18:05	1.20
U-376	CONDUIT	5.83	2	10:11	3.58	1	05:21	0.74	5.16	2	10:11	1.00	0	19:19	1.20
U-379	CONDUIT	3.44	2	11:45	2.61	2	12:31	30.68	3.04	2	11:45	1.00	0	19:15	1.20
U-38	CONDUIT	14.21	2	10:46	10.13	2	10:13	8.50	4.52	2	10:46	1.00	2	06:01	2.00
U-382	CONDUIT	5.15	2	11:47	3.43	3	05:18	17.79	2.56	2	11:47	1.00	0	20:40	1.60
U-385	CONDUIT	5.11	3	05:11	2.56	2	11:49	18.89	2.54	3	05:11	1.00	0	20:39	1.60
U-386	CONDUIT	6.52	3	04:38	4.83	3	04:54	11.65	3.69	3	04:38	1.00	0	18:26	1.50
U-388	CONDUIT	5.78	3	05:10	5.68	3	05:10	15.68	3.27	3	05:10	1.00	0	19:55	1.50
U-390	CONDUIT	7.46	3	02:50	4.58	3	03:29	11.25	4.22	3	02:50	1.00	0	19:55	1.50
U-391	CONDUIT	4.77	2	11:38	3.37	3	03:36	0.47	2.37	2	11:38	1.00	0	20:39	1.60
U-392	CONDUIT	5.74	3	04:01	4.21	2	11:51	0.35	2.86	3	04:01	1.00	0	20:39	1.60
U-394	CONDUIT	4.80	3	05:41	4.18	3	05:16	1.25	4.25	3	05:41	1.00	0	19:14	1.20
U-397	CONDUIT	4.37	3	03:34	3.72	3	03:47	41.77	3.87	3	03:34	1.00	0	19:12	1.20
U-398	CONDUIT	14.48	3	05:28	10.48	3	05:12	14.75	3.20	3	05:28	1.00	2	08:24	2.40
U-399	CONDUIT	6.67	2	11:38	6.47	2	11:39	51.38	6.06	2	11:38	1.00	0	14:14	1.20
U-402	CONDUIT	4.50	2	11:49	3.18	2	11:52	34.81	3.98	2	11:49	1.00	0	18:23	1.20
U-404	CONDUIT	5.46	2	11:58	3.16	3	05:05	20.64	4.83	2	11:58	1.00	0	18:22	1.20
U-406	CONDUIT	4.13	2	11:50	3.04	2	11:53	30.70	3.37	2	11:50	1.00	0	18:22	1.25
U-407	CONDUIT	28.99	0	18:57	21.11	0	22:28	69.31	23.62	0	18:57	1.00	0	17:22	1.25
U-408	CONDUIT	7.01	0	18:45	6.21	0	19:08	10.31	5.71	0	18:45	1.00	0	17:26	1.25
U-409	CONDUIT	9.71	0	19:08	5.59	0	18:49	3.66	5.55	0	19:08	1.00	0	17:39	1.50
U-411	CONDUIT	7.88	0	18:45	6.43	0	18:49	30.10	4.46	0	18:45	1.00	0	17:39	1.50
U-412	CONDUIT	7.10	0	18:06	4.96	0	17:53	27.13	4.02	0	18:06	1.00	0	17:39	1.50
U-413	CONDUIT	8.98	2	03:42	8.40	2	07:23	16.47	5.08	2	03:42	1.00	0	17:27	1.50
U-414	CONDUIT	5.07	0	23:27	4.06	0	18:11	35.51	4.49	0	23:27	1.00	0	17:27	1.20
U-415	CONDUIT	6.82	2	09:23	5.11	2	09:25	34.17	7.40	2	09:23	1.00	0	17:21	1.08
U-416	CONDUIT	4.12	0	18:11	3.73	0	18:24	60.60	4.48	0	18:11	1.00	0	17:22	1.08
U-417	CONDUIT	9.88	3	00:46	5.69	3	05:59	1.80	3.45	1	09:27	1.00	2	11:55	3.83
U-418	CONDUIT	15.50	3	00:47	13.65	3	00:30	11.82	1.93	3	00:47	1.00	1	01:50	3.20
U-419	CONDUIT	12.93	3	01:33	12.74	3	00:47	1.96	16.47	3	01:33	1.00	0	17:41	0.39
U-420	CONDUIT	7.18	3	03:20	5.58	2	11:53	25.19	6.35	3	03:20	1.00	1	01:28	1.20
U-421	CONDUIT	8.16	3	01:38	8.00	3	01:38	5.75	1.80	3	01:38	1.00	2	07:10	2.40
U-423	CONDUIT	6.21	2	11:55	5.45	2	09:15	7.23	1.37	2	11:55	1.00	2	07:09	2.40
U-428	CONDUIT	8.76	3	00:28	7.53	3	00:31	11.99	1.94	3	00:28	1.00	2	07:09	2.40
U-430	CONDUIT	7.54	2	11:55	6.90	2	12:04	12.61	1.67	2	11:55	1.00	2	07:27	2.40
U-434	CONDUIT	9.14	2	11:48	6.21	2	12:08	11.74	2.02	2	11:48	1.00	2	07:24	2.40
U-437	CONDUIT	5.98	2	11:52	4.92	2	11:55	23.32	2.98	2	11:52	1.00	1	03:37	1.60
U-439	CONDUIT	10.68	2	11:51	8.11	3	00:12	28.48	5.31	2	11:51	1.00	1	03:37	1.60
U-44	CONDUIT	18.78	3	00:01	15.45	3	00:02	3.64	5.98	3	00:01	1.00	0	23:59	2.00
U-440	CONDUIT	11.86	3	05:14	10.96	3	00:27	1.74	5.90	3	05:14	1.00	1	00:51	1.60
U-441	CONDUIT	10.90	3	00:13	10.64	3	05:17	1.80	5.42	3	00:13	1.00	1	00:59	1.60
U-443	CONDUIT	15.48	2	09:12	10.74	2	22:03	4.31	7.82	2	11:46	1.00	1	15:28	1.60
U-445	CONDUIT	20.02	2	08:45	15.72	2	08:44	2.04	6.67	2	08:45	1.00	1	21:54	2.00
U-447	CONDUIT	16.35	2	09:12	10.15	2	05:01	0.83	5.31	2	09:42	1.00	0	18:44	2.00
U-448	CONDUIT	19.60	2	09:42	10.41	2	09:51	1.81	9.76	2	09:42	1.00	0	18:47	1.60
U-449	CONDUIT	21.66	2	10:27	15.92	2	05:03	1.83	6.92	2	10:27	1.00	1	12:01	2.00
U-45	CONDUIT	9.20	2	22:37	8.49	2	22:38	1.78	2.93	2	22:37	1.00	1	00:20	2.00
U-450	CONDUIT	29.41	2	11:33	17.58	2	08:17	1.50	9.48	2	11:33	1.00	1	12:20	2.00
U-451	CONDUIT	23.34	2	08:35	22.82	2	11:16	2.90	7.43	2	08:35	1.00	1	20:26	2.00
U-452	CONDUIT	25.96	2	09:41	24.73	2	09:59	5.04	8.45	2	09:41	1.00	1	15:31	2.00
U-454	CONDUIT	47.15	2	09:11	36.11	2	10:16	3.65	10.45	2	09:11	1.00	1	15:31	2.40
U-456	CONDUIT	67.88	2	09:58	62.24	2	08:54	2.86	9.60	2	09:58	1.00	2	08:44	3.00
U-463	CONDUIT	41.62	2	09:16	37.16	2	11:37	0.72	7.75	2	09:16	1.00	2	08:59	2.80
U-464	CONDUIT	116.01	2	12:01	85.96	2	11:49	1.98	9.69	2	12:01	1.00	2	08:46	4.00
U-466	CONDUIT	16.59	2	08:46	15.57	2	08:47	1.55	8.25	2	08:46	1.00	1	12:17	1.60
U-468	CONDUIT	18.57	2	11:12	18.25	2	11:12	0.77	9.36	2	11:11	1.00	2	08:45	1.60

U-468-NEW	CONDUIT	17.49	2	08:45	14.67	2	08:46	3.04	4.63	2	08:45	1.00	2	08:48	2.40
U-469	CONDUIT	47.92	2	11:40	47.74	2	11:41	1.10	15.25	2	11:40	1.00	2	05:03	2.00
U-47	CONDUIT	4.71	3	00:47	4.62	3	02:08	4.95	5.12	3	00:47	1.00	0	19:40	1.08
U-48	CONDUIT	4.01	2	11:38	3.45	2	11:38	17.93	4.35	2	11:38	1.00	0	16:28	1.08
U-481	CONDUIT	4.32	2	23:28	4.31	2	23:34	50.62	5.50	2	23:28	1.00	0	15:32	1.00
U-483	CONDUIT	3.25	2	18:28	3.25	2	18:29	35.95	4.14	2	18:28	1.00	0	15:32	1.00
U-486	CONDUIT	8.59	2	08:46	6.03	2	12:07	2.44	2.75	2	08:46	1.00	2	08:46	2.00
U-489	CONDUIT	7.77	2	08:57	7.12	2	08:57	0.90	3.86	2	08:57	1.00	2	08:46	1.60
U-492	CONDUIT	9.06	3	02:37	8.61	3	02:40	10.80	2.88	3	02:37	1.00	1	00:49	2.00
U-495	CONDUIT	26.96	2	22:48	25.68	2	13:35	1.37	8.58	2	22:48	1.00	0	23:22	2.00
U-496	CONDUIT	31.86	2	08:53	28.12	2	23:36	20.08	7.04	2	08:53	1.00	0	23:56	2.40
U-497	CONDUIT	16.88	2	22:02	14.56	2	21:06	10.52	4.73	2	21:15	0.94	2	21:19	2.40
U-498	CONDUIT	16.65	2	21:19	14.56	2	21:17	17.00	4.72	2	21:19	0.96	2	21:19	2.40
U-5	CONDUIT	15.49	2	10:02	9.89	3	05:29	0.40	3.42	2	10:02	1.00	0	21:20	2.40
U-50	CONDUIT	1.58	2	11:44	1.40	2	11:51	16.29	1.71	2	11:44	1.00	0	16:28	1.08
U-500	CONDUIT	41.42	1	01:38	35.89	1	06:04	1.35	13.19	1	01:38	1.00	0	22:12	2.00
U-501	CONDUIT	28.82	1	17:32	23.86	2	13:35	29.37	6.94	2	06:58	1.00	0	23:56	2.40
U-502	CONDUIT	29.54	1	16:14	19.18	2	08:54	1.15	6.53	1	16:14	1.00	0	23:21	2.40
U-503	CONDUIT	13.82	2	23:12	12.27	2	23:07	0.69	4.40	2	23:12	1.00	2	10:30	2.00
U-507	CONDUIT	21.08	2	23:08	17.62	2	13:09	7.28	6.71	2	23:08	1.00	2	11:50	2.00
U-509	CONDUIT	33.49	2	23:00	31.32	2	23:48	0.39	4.16	2	23:00	1.00	2	11:51	3.20
U-513	CONDUIT	15.24	3	05:28	11.46	3	05:17	5.58	1.21	3	05:28	1.00	2	08:47	4.00
U-514	CONDUIT	7.56	3	03:57	6.86	3	05:43	1.52	5.42	3	03:57	1.00	2	06:19	1.33
U-518-NEW	CONDUIT	13.64	2	11:13	11.44	2	11:13	31.94	4.88	2	11:13	1.00	1	15:30	2.00
U-519-NEW	CONDUIT	27.67	2	11:26	22.55	2	11:29	0.50	2.20	2	11:26	1.00	2	09:02	4.00
U-522	CONDUIT	5.74	2	10:22	5.63	2	10:23	36.44	7.87	2	09:40	1.00	2	11:45	1.20
U-523	CONDUIT	25.80	2	12:36	24.32	2	12:36	18.65	5.26	2	12:36	1.00	2	07:33	2.50
U-524-NEW	CONDUIT	18.55	2	20:16	16.97	2	13:54	0.56	11.15	2	13:54	1.00	2	11:42	1.54
U-525	CONDUIT	26.71	2	13:01	15.61	2	18:34	72.57	19.14	2	13:01	1.00	2	11:41	1.21
U-526	CONDUIT	7.09	2	12:35	4.78	3	00:53	27.37	4.01	2	12:35	1.00	2	11:43	1.49
U-527	CONDUIT	4.32	2	12:35	3.16	2	22:47	30.31	3.82	2	12:35	1.00	2	11:41	1.09
U-53	CONDUIT	2.47	2	12:04	2.47	2	12:04	15.69	2.02	2	12:04	1.00	0	17:03	1.25
U-530	CONDUIT	9.05	2	11:55	8.07	3	04:45	0.27	2.00	2	11:55	1.00	2	07:34	2.40
U-531	CONDUIT	9.46	3	04:59	8.58	3	04:47	29.68	4.71	3	04:59	1.00	0	17:05	1.60
U-533	CONDUIT	10.04	2	21:26	9.39	2	11:53	1.73	4.99	2	21:26	1.00	0	19:10	1.60
U-534-NEW	CONDUIT	5.03	2	14:47	5.00	2	14:48	55.28	6.40	2	14:47	1.00	2	10:50	0.39
U-537	CONDUIT	4.45	2	12:58	4.40	2	12:59	1.43	3.94	2	12:58	1.00	0	19:06	1.20
U-538	CONDUIT	3.74	2	11:50	3.28	2	11:50	1.02	3.31	2	11:50	1.00	1	10:13	1.20
U-54	CONDUIT	3.02	2	12:35	3.02	2	12:36	22.02	2.46	2	12:35	1.00	0	17:03	1.25
U-543	CONDUIT	5.09	2	11:49	3.74	2	21:26	0.92	2.53	2	11:49	1.00	1	07:34	1.60
U-545	CONDUIT	1.94	2	11:53	1.84	2	11:54	24.44	2.47	2	11:53	1.00	0	16:12	1.00
U-547	CONDUIT	9.31	2	12:15	9.30	2	12:16	1.31	4.63	2	12:15	1.00	2	11:28	1.20
U-548	CONDUIT	3.81	2	11:13	3.04	2	11:29	0.06	2.33	2	11:13	1.00	2	11:53	1.60
U-549	CONDUIT	4.93	2	21:13	3.63	2	22:36	0.07	2.81	2	11:12	1.00	2	11:53	1.60
U-55	CONDUIT	6.86	2	11:05	4.27	2	10:41	17.55	5.59	2	11:05	1.00	0	17:02	1.25
U-550	CONDUIT	3.90	2	22:34	3.10	2	14:59	0.87	3.45	2	22:34	1.00	1	05:17	1.20
U-555	CONDUIT	2.28	2	11:16	2.15	2	11:12	0.73	2.02	2	11:16	1.00	0	21:03	1.20
U-557	CONDUIT	4.10	2	11:53	3.63	2	16:30	31.42	3.63	2	11:53	1.00	0	20:12	1.20
U-559	CONDUIT	4.20	2	11:32	3.63	2	16:30	16.49	3.71	2	11:32	1.00	0	20:12	1.20
U-56	CONDUIT	3.76	2	11:37	3.60	2	11:25	27.20	3.07	2	11:37	1.00	0	17:03	1.25
U-562	CONDUIT	4.00	2	13:57	3.63	2	16:30	32.35	3.53	2	13:57	1.00	0	20:12	1.20
U-565	CONDUIT	4.93	2	13:57	3.82	2	15:00	34.47	4.36	2	13:57	1.00	0	20:12	1.20
U-568	CONDUIT	4.75	2	13:53	4.06	2	13:57	15.70	2.36	2	13:53	1.00	1	18:27	1.60
U-569	CONDUIT	6.72	2	11:43	4.26	2	12:03	12.02	3.34	2	11:43	1.00	1	18:27	1.60
U-570	CONDUIT	7.05	2	13:58	6.72	2	13:59	1.11	3.51	2	13:58	1.00	1	17:00	1.60
U-572	CONDUIT	10.52	2	13:59	7.15	2	13:57	12.67	5.23	2	13:59	1.00	0	19:47	1.60
U-573	CONDUIT	8.23	2	13:59	7.89	2	13:54	0.62	7.28	2	13:59	1.00	2	11:48	1.20
U-574	CONDUIT	7.26	2	13:54	6.54	2	12:18	0.86	6.42	2	13:54	1.00	2	11:48	1.20
U-575	CONDUIT	6.79	2	13:54	6.54	2	12:18	0.71	8.64	2	13:54	1.00	2	09:33	0.39
U-580	CONDUIT	2.58	2	11:43	2.34	2	10:38	22.36	2.28	2	11:43	1.00	0	21:19	1.20

U-583	CONDUIT	6.24	2	08:48	5.02	1	10:21	20.18	5.51	2	08:48	1.00	0	21:19	1.20
U-584	CONDUIT	2.42	2	11:00	2.05	2	10:54	21.86	2.14	2	11:00	1.00	0	21:19	1.20
U-587	CONDUIT	10.73	2	11:50	5.85	2	11:48	12.88	5.34	2	11:50	1.00	1	02:53	1.60
U-589	CONDUIT	4.09	2	10:50	3.29	2	10:27	15.73	2.04	2	10:50	1.00	1	02:00	1.60
U-59	CONDUIT	12.88	2	11:32	6.54	2	12:00	0.38	4.10	2	11:32	1.00	0	20:04	2.00
U-590	CONDUIT	3.52	2	11:25	3.00	2	10:59	28.71	3.11	2	11:25	1.00	0	21:19	1.20
U-591	CONDUIT	3.81	2	11:56	3.27	2	11:50	32.70	3.37	2	11:56	1.00	0	21:19	1.20
U-596	CONDUIT	3.63	2	10:28	3.17	2	10:10	30.80	3.21	2	10:28	1.00	0	21:19	1.20
U-599	CONDUIT	11.42	2	10:18	8.53	2	11:25	16.43	5.68	2	10:18	1.00	1	01:11	1.60
U-60	CONDUIT	4.53	2	11:49	3.36	2	11:42	11.43	1.44	2	11:49	1.00	0	19:01	2.00
U-601	CONDUIT	4.56	3	05:14	3.56	3	05:45	37.36	4.03	3	05:14	1.00	0	21:19	1.20
U-604	CONDUIT	3.51	2	11:40	3.01	3	05:12	24.74	3.10	2	11:40	1.00	0	21:18	1.20
U-608	CONDUIT	4.08	3	05:23	2.83	2	11:05	16.43	2.03	3	05:23	1.00	1	05:29	1.60
U-609	CONDUIT	8.02	2	11:13	6.89	2	11:20	15.62	2.55	2	11:13	1.00	2	05:40	2.00
U-612	CONDUIT	16.36	2	11:42	8.66	2	10:52	13.11	5.21	2	11:42	1.00	2	05:17	2.00
U-614	CONDUIT	7.81	2	11:49	5.19	2	04:44	0.61	2.49	2	11:49	1.00	2	05:29	2.00
U-616	CONDUIT	11.28	2	11:50	8.23	2	11:45	21.38	3.59	2	11:50	1.00	0	20:44	2.00
U-618	CONDUIT	12.39	2	11:50	10.23	2	11:33	30.37	6.16	2	11:50	1.00	0	19:44	1.60
U-62	CONDUIT	5.41	2	11:49	3.66	0	21:44	26.29	4.79	2	11:49	1.00	0	15:25	1.20
U-620	CONDUIT	7.15	2	15:00	7.15	2	15:00	2.19	6.32	2	15:00	1.00	0	15:44	0.47
U-621	CONDUIT	6.65	3	02:59	6.65	3	03:00	36.30	5.88	3	02:59	1.00	0	15:44	1.20
U-623	CONDUIT	10.01	2	11:53	8.97	2	11:55	22.69	3.18	2	11:53	1.00	0	20:44	2.00
U-624	CONDUIT	14.67	3	05:26	12.23	2	11:03	13.92	4.67	3	05:26	1.00	0	20:44	2.00
U-625	CONDUIT	9.62	3	05:49	8.70	3	05:53	20.53	3.06	3	05:49	1.00	0	20:44	2.00
U-628	CONDUIT	10.95	3	05:59	10.85	3	05:59	18.86	3.49	3	05:59	1.00	0	20:44	2.00
U-629	CONDUIT	11.85	3	05:08	10.05	1	05:17	5.49	1.68	3	05:08	1.00	2	05:49	3.00
U-632	CONDUIT	6.63	2	11:58	4.02	2	11:59	6.14	3.30	2	11:58	1.00	2	11:50	1.60
U-633	CONDUIT	5.84	2	11:51	3.89	2	12:15	16.77	2.91	2	11:51	1.00	2	11:50	1.60
U-637	CONDUIT	3.16	2	11:51	1.95	2	13:54	24.86	2.79	2	11:51	1.00	2	11:49	1.20
U-64	CONDUIT	8.93	2	11:10	5.42	2	10:53	23.19	7.90	2	11:10	1.00	0	19:44	1.20
U-640	CONDUIT	3.06	2	11:50	1.78	2	11:51	25.47	2.71	2	11:50	1.00	2	11:48	1.20
U-643	CONDUIT	2.34	2	11:50	1.89	2	11:55	21.45	2.08	2	11:50	1.00	2	11:48	1.20
U-646	CONDUIT	5.37	2	12:15	5.37	2	12:15	28.11	4.74	2	12:15	1.00	2	05:09	1.20
U-648	CONDUIT	5.37	2	12:15	5.36	2	12:15	23.80	4.75	2	12:15	1.00	2	05:11	1.20
U-649	CONDUIT	5.37	2	12:15	5.36	2	12:15	33.16	4.75	2	12:15	1.00	2	05:16	1.20
U-651	CONDUIT	8.66	2	11:58	8.27	2	12:15	14.01	7.66	2	11:58	1.00	2	05:17	1.20
U-652	CONDUIT	5.84	2	11:58	4.96	2	12:15	19.12	5.16	2	11:58	1.00	2	05:17	0.47
U-653	CONDUIT	4.26	2	11:53	3.52	2	11:54	33.45	3.76	2	11:53	1.00	2	05:16	1.20
U-656	CONDUIT	2.49	2	11:36	2.29	2	11:30	20.94	2.20	2	11:36	1.00	2	05:03	1.20
U-657	CONDUIT	2.35	2	11:36	2.23	2	11:33	20.92	2.08	2	11:36	1.00	2	05:01	1.20
U-659-NEW	CONDUIT	5.46	2	12:15	5.42	2	12:15	19.72	3.09	2	12:15	1.00	2	11:54	0.95
U-66	CONDUIT	3.46	2	11:23	2.73	2	11:32	28.21	3.06	2	11:23	1.00	0	19:43	1.20
U-663	CONDUIT	7.32	3	03:32	5.86	3	02:28	58.21	6.47	3	03:32	1.00	0	21:28	1.20
U-668	CONDUIT	6.17	2	11:57	5.81	2	12:15	49.17	5.67	2	11:57	1.00	1	15:37	1.20
U-671	CONDUIT	5.39	2	13:39	5.17	2	14:46	46.08	5.04	2	13:39	1.00	0	21:26	1.20
U-674	CONDUIT	6.98	2	13:34	4.27	2	14:56	25.15	3.47	2	13:34	1.00	2	11:55	1.60
U-675	CONDUIT	15.82	2	10:37	11.46	2	05:12	40.77	7.87	2	10:37	1.00	1	06:22	1.60
U-678	CONDUIT	12.60	2	09:42	9.31	2	10:38	38.62	6.30	2	15:03	1.00	0	22:51	1.60
U-68	CONDUIT	3.23	3	05:52	2.94	3	05:53	28.00	2.85	3	05:52	1.00	0	19:36	1.20
U-681	CONDUIT	34.45	3	02:27	32.41	3	02:27	53.71	19.41	1	19:12	1.00	0	20:56	1.60
U-682	CONDUIT	45.19	3	02:26	45.18	3	02:27	85.99	36.83	3	02:26	1.00	0	20:12	1.25
U-684	CONDUIT	4.24	2	11:56	3.38	3	06:00	1.35	3.45	2	11:56	1.00	0	13:22	1.25
U-685	CONDUIT	4.54	2	11:52	3.88	3	06:00	15.48	3.70	2	11:52	1.00	0	16:08	1.25
U-686	CONDUIT	4.76	2	11:46	4.15	2	12:17	32.25	4.00	2	11:17	1.00	0	16:52	1.25
U-687	CONDUIT	12.83	2	10:03	10.16	2	10:30	8.81	2.84	2	10:03	1.00	0	19:49	2.40
U-688	CONDUIT	9.04	2	11:58	8.16	2	11:58	8.71	2.00	2	11:58	1.00	0	19:53	2.40
U-690	CONDUIT	2.47	3	05:59	2.46	3	06:00	28.94	3.15	3	05:59	1.00	0	16:08	1.00
U-694	CONDUIT	3.47	2	11:10	3.10	2	11:22	40.24	4.42	2	11:10	1.00	0	16:09	1.00
U-695	CONDUIT	8.59	2	11:42	5.83	2	11:13	8.31	1.90	2	11:42	1.00	0	20:15	2.40
U-696	CONDUIT	8.06	2	10:22	7.22	2	11:02	13.27	4.01	2	10:22	1.00	0	18:54	1.60

U-70	CONDUIT	4.39	2	08:21	2.95	2	01:53	22.37	3.88	2	08:21	1.00	0	19:35	1.20
U-701	CONDUIT	8.15	2	11:17	5.57	2	11:06	0.13	2.59	2	11:17	1.00	2	07:02	2.00
U-704	CONDUIT	4.30	2	11:28	3.28	2	11:28	19.69	2.43	2	11:28	1.00	0	16:43	1.50
U-706	CONDUIT	12.87	2	11:36	7.68	2	11:39	18.83	10.49	2	11:36	1.00	0	15:38	1.25
U-707	CONDUIT	8.47	2	11:21	5.00	2	08:59	10.96	2.70	2	11:21	1.00	0	19:00	2.00
U-708	CONDUIT	10.28	3	05:00	9.45	3	05:01	20.31	3.27	3	05:00	1.00	0	19:03	2.00
U-71	CONDUIT	3.82	2	11:16	3.03	3	05:19	22.36	3.38	2	10:40	1.00	0	19:35	1.20
U-710	CONDUIT	15.65	3	03:49	13.06	3	01:02	6.23	4.98	3	03:49	1.00	0	19:03	2.00
U-711	CONDUIT	14.95	3	04:49	12.60	3	04:49	9.72	3.31	3	04:49	1.00	0	20:04	2.40
U-717	CONDUIT	19.89	3	02:13	18.02	3	03:29	12.50	4.40	3	02:13	1.00	0	17:26	2.40
U-718	CONDUIT	15.43	2	11:49	14.75	2	11:50	16.82	3.41	2	11:49	1.00	0	17:38	2.40
U-719	CONDUIT	30.01	3	00:30	20.23	3	05:15	5.31	2.60	3	00:30	1.00	1	00:09	3.83
U-720	CONDUIT	8.05	3	05:09	7.51	3	05:20	60.82	10.25	3	05:09	1.00	0	23:14	1.00
U-721-NEW	CONDUIT	16.31	3	01:32	15.52	3	01:33	31.70	8.11	3	01:32	1.00	0	18:25	1.60
U-725	CONDUIT	13.56	3	05:11	10.37	3	05:23	22.54	6.74	3	05:11	1.00	0	17:05	1.60
U-727	CONDUIT	6.30	3	02:36	4.80	3	02:57	30.17	5.57	3	02:36	1.00	2	11:47	1.20
U-729	CONDUIT	5.13	2	13:53	4.77	3	02:34	36.97	6.53	2	13:53	1.00	2	07:41	1.00
U-73	CONDUIT	5.07	2	10:48	3.35	3	05:49	22.14	4.48	2	10:48	1.00	0	19:35	1.20
U-731	CONDUIT	4.28	1	17:52	4.03	3	02:38	42.99	5.61	1	17:52	1.00	1	00:44	1.00
U-732	CONDUIT	8.95	1	22:56	4.43	2	03:36	37.66	11.40	1	22:56	1.00	0	23:26	1.00
U-734	CONDUIT	5.69	2	10:03	5.13	2	06:52	49.08	7.25	2	10:03	1.00	0	23:27	1.00
U-736	CONDUIT	6.16	2	10:25	5.05	3	01:25	51.81	7.84	2	10:25	1.00	1	10:57	1.00
U-738	CONDUIT	4.53	2	10:26	3.79	2	23:36	45.25	5.77	2	10:26	1.00	2	07:43	1.00
U-74	CONDUIT	5.71	2	04:35	5.61	2	04:36	19.45	5.20	2	04:35	1.00	0	19:34	1.20
U-740	CONDUIT	4.54	2	23:28	3.05	3	02:54	29.87	5.90	2	23:28	1.00	1	17:53	1.00
U-741	CONDUIT	2.37	2	12:03	1.63	2	12:03	23.13	3.02	2	12:03	1.00	2	11:32	1.00
U-743	CONDUIT	2.64	2	12:03	2.28	2	12:04	23.01	3.36	2	12:03	1.00	2	11:48	1.00
U-745	CONDUIT	3.12	2	11:59	1.96	2	11:55	27.94	3.97	2	11:59	1.00	2	11:55	1.00
U-747	CONDUIT	3.25	2	11:59	1.81	2	11:53	34.10	4.13	2	11:59	1.00	2	11:59	1.00
U-749	CONDUIT	2.76	2	11:48	2.48	2	11:49	26.08	3.85	2	11:48	1.00	2	11:59	1.00
U-75	CONDUIT	4.67	2	11:28	3.90	3	04:39	24.88	4.13	2	11:28	1.00	0	19:35	1.20
U-751	CONDUIT	3.95	2	11:49	3.38	2	11:49	25.17	5.03	2	11:49	1.00	1	06:00	1.00
U-753	CONDUIT	3.99	2	07:50	2.75	2	07:51	29.19	5.08	2	07:50	1.00	0	20:10	1.00
U-755	CONDUIT	5.36	2	10:34	2.42	2	12:00	28.90	4.82	2	10:34	1.00	2	07:50	1.20
U-763	CONDUIT	3.54	2	12:15	3.54	2	12:15	21.51	3.13	2	12:15	1.00	2	11:52	1.20
U-766	CONDUIT	3.55	2	12:15	3.54	2	12:15	10.73	1.76	2	12:15	1.00	2	12:04	1.60
U-769	CONDUIT	6.44	2	12:15	6.44	2	12:15	21.53	3.20	2	12:15	1.00	2	12:14	1.60
U-77	CONDUIT	4.94	3	03:11	3.99	3	03:00	32.41	4.36	3	03:11	1.00	0	19:34	1.20
U-772	CONDUIT	6.44	2	12:15	6.42	2	12:15	18.34	3.35	2	12:15	0.91	2	12:15	1.60
U-775	CONDUIT	7.26	2	12:15	7.19	2	12:15	5.13	2.98	2	12:15	0.53	2	12:15	2.40
U-778	CONDUIT	8.59	2	11:58	8.33	2	11:53	75.13	7.68	2	11:58	1.00	2	12:11	1.20
U-783	CONDUIT	4.37	2	11:45	3.24	2	11:03	24.58	3.87	2	11:45	1.00	2	09:03	1.20
U-786	CONDUIT	4.45	2	11:49	3.15	2	11:15	16.59	2.21	2	11:49	1.00	2	10:01	1.60
U-789	CONDUIT	7.67	2	11:34	6.75	2	11:48	19.96	3.82	2	11:34	1.00	2	09:55	1.60
U-792	CONDUIT	6.64	2	11:58	5.69	2	11:59	23.97	3.30	2	11:58	1.00	2	09:56	1.60
U-795	CONDUIT	13.40	2	11:53	9.05	2	11:21	5.09	2.96	2	11:53	1.00	2	11:46	2.40
U-796	CONDUIT	6.32	2	20:16	6.01	2	20:23	55.12	5.59	2	20:16	1.00	2	09:06	1.20
U-8	CONDUIT	12.91	3	05:30	10.47	3	05:25	0.54	4.11	3	05:30	1.00	0	20:45	2.00
U-801	CONDUIT	4.40	2	11:16	3.60	2	23:01	24.33	3.89	2	11:16	1.00	2	07:36	1.20
U-804	CONDUIT	5.06	2	11:38	3.80	2	11:38	18.58	2.51	2	11:38	1.00	2	09:15	1.60
U-807	CONDUIT	6.86	2	11:42	4.64	2	09:46	20.39	3.41	2	11:42	1.00	2	09:07	1.60
U-81	CONDUIT	4.89	3	03:11	4.00	2	11:43	24.70	4.32	3	03:11	1.00	0	19:34	1.20
U-810	CONDUIT	4.52	2	11:22	4.47	2	11:35	15.04	2.25	2	11:22	1.00	2	09:10	1.60
U-811	CONDUIT	13.41	2	11:51	5.80	2	12:03	9.66	4.27	2	11:51	1.00	2	09:57	2.00
U-815	CONDUIT	7.54	2	20:55	7.01	2	20:55	12.86	2.40	2	20:55	1.00	2	09:57	2.00
U-816	CONDUIT	7.46	2	19:52	6.67	2	20:16	42.00	6.60	2	19:52	1.00	2	07:22	1.20
U-82	CONDUIT	3.26	2	11:43	2.68	2	11:43	26.27	2.88	2	11:43	1.00	0	19:34	1.20
U-820	CONDUIT	6.96	2	20:38	6.61	2	20:39	35.88	6.16	2	20:38	1.00	2	07:23	1.20
U-823	CONDUIT	7.52	2	20:49	6.21	2	20:39	25.17	3.74	2	20:49	1.00	2	09:10	1.60
U-826	CONDUIT	7.01	2	20:49	4.78	2	20:17	24.09	3.49	2	20:49	1.00	2	09:09	1.60

U-829	CONDUIT	7.37	2	19:52	5.76	2	20:42	24.74	3.67	2	19:52	1.00	2	09:04	1.60
U-83	CONDUIT	4.34	3	04:21	3.77	2	11:24	29.05	3.84	3	04:21	1.00	0	19:33	1.20
U-832	CONDUIT	10.21	2	20:30	6.96	2	20:16	11.45	5.08	2	20:30	1.00	2	09:04	1.60
U-833	CONDUIT	7.13	2	10:10	5.47	2	10:57	5.78	2.34	1	21:57	1.00	2	10:30	2.40
U-834-EAC	CONDUIT	16.79	2	11:16	11.05	2	05:01	4.28	2.38	2	11:16	1.00	1	12:02	3.00
U-835	CONDUIT	14.95	3	03:25	14.37	3	03:29	1.42	4.76	3	03:25	1.00	1	00:49	2.00
U-837	CONDUIT	27.66	3	05:11	16.33	3	04:58	2.69	8.80	3	05:11	1.00	1	00:50	2.00
U-838	CONDUIT	14.70	2	14:00	13.43	2	13:56	15.08	4.68	2	14:00	1.00	0	17:34	2.00
U-839	CONDUIT	10.93	2	21:43	9.81	2	23:23	16.66	3.48	2	21:43	1.00	0	17:34	2.00
U-840	CONDUIT	11.04	3	02:01	9.81	2	12:05	15.41	3.52	3	02:01	1.00	0	17:34	2.00
U-841	CONDUIT	15.94	3	05:16	11.11	3	00:01	6.39	3.52	3	05:16	1.00	0	18:07	2.40
U-842	CONDUIT	6.99	2	15:03	6.99	2	15:03	33.79	5.70	2	15:03	1.00	0	15:29	1.25
U-846	CONDUIT	3.74	3	04:11	3.36	3	04:29	1.40	3.55	3	04:11	1.00	2	11:29	1.25
U-847	CONDUIT	8.23	2	11:32	7.56	2	11:34	1.55	6.84	2	11:32	1.00	2	11:30	1.25
U-848	CONDUIT	6.69	2	11:32	4.69	2	11:35	48.18	6.09	2	11:32	1.00	0	19:32	1.20
U-851	CONDUIT	2.59	2	11:51	2.36	2	11:51	22.80	2.29	2	11:51	1.00	0	21:19	1.20
U-852	CONDUIT	3.72	2	10:49	3.05	2	10:43	22.64	3.29	2	10:49	1.00	0	21:19	1.20
U-854	CONDUIT	5.83	2	11:28	4.90	2	10:41	12.07	2.90	2	11:28	1.00	1	03:03	1.60
U-856	CONDUIT	7.68	2	11:25	6.86	2	10:59	11.78	3.82	2	11:25	1.00	1	05:11	1.60
U-858	CONDUIT	4.74	2	10:41	3.99	2	10:28	14.00	2.36	2	10:41	1.00	1	05:08	1.60
U-860	CONDUIT	3.76	2	10:36	3.31	2	13:02	15.17	1.87	2	10:36	1.00	1	05:29	1.60
U-863	CONDUIT	5.48	2	10:31	4.23	2	10:52	17.83	3.10	2	10:31	1.00	0	22:48	1.50
U-864	CONDUIT	30.43	2	15:22	29.35	2	15:34	1.70	6.73	2	15:22	1.00	1	00:02	2.40
U-865	CONDUIT	10.89	2	11:16	10.56	2	11:59	0.61	2.41	2	11:16	1.00	1	00:02	2.40
U-866	CONDUIT	5.75	2	11:58	5.20	2	12:05	32.73	5.08	2	11:58	1.00	0	16:47	1.20
U-867	CONDUIT	4.41	2	12:15	4.41	2	12:15	1.92	5.61	2	12:15	1.00	0	11:53	0.39
U-868	CONDUIT	7.94	2	12:15	7.94	2	12:15	2.44	7.02	2	12:15	1.00	0	12:26	0.47
U-869	CONDUIT	0.00	0	00:00	0.00	0	00:00	0.00	0.00	0	00:00	0.50	0	00:00	1.20
U-871	CONDUIT	8.67	2	12:00	7.42	2	12:15	1.14	4.31	2	12:00	1.00	0	14:18	1.18
U-872	CONDUIT	9.62	2	21:03	8.46	2	21:03	4.23	2.13	2	21:03	1.00	0	15:20	2.40
U-874-NEW	CONDUIT	3.20	2	14:00	2.49	2	12:17	10.16	2.83	2	14:00	1.00	2	11:53	1.20
U-875	CONDUIT	13.22	2	20:55	12.98	2	21:46	1.22	6.57	2	20:55	1.00	1	07:21	1.60
U-878	CONDUIT	9.40	2	22:47	7.45	2	21:31	32.69	4.69	2	21:17	1.00	0	23:46	1.60
U-879	CONDUIT	9.31	2	21:00	8.87	2	21:09	33.36	4.74	2	22:42	1.00	1	05:33	1.60
U-88	CONDUIT	6.12	2	11:41	5.13	3	00:45	19.96	4.39	2	11:41	1.00	0	19:54	1.33
U-880	CONDUIT	23.49	2	10:34	17.90	2	10:14	0.62	6.09	2	11:10	1.00	1	06:13	2.40
U-885	CONDUIT	14.23	2	21:17	13.11	2	20:51	19.78	7.08	2	21:17	1.00	0	21:35	1.60
U-90	CONDUIT	7.23	3	05:23	7.04	3	05:23	30.19	5.18	3	05:23	1.00	0	19:54	1.33
U-91	CONDUIT	5.40	3	03:51	5.03	3	04:39	31.31	4.78	3	03:51	1.00	0	19:33	1.20
U-92	CONDUIT	11.38	2	12:05	9.72	2	12:05	10.51	3.62	2	12:05	1.00	2	07:27	2.00
U-96	CONDUIT	7.32	3	00:28	6.48	3	03:28	34.29	5.24	3	00:28	1.00	0	19:53	1.33
U-97	CONDUIT	6.47	3	05:07	5.93	3	00:46	40.91	5.72	3	05:07	1.00	0	19:34	1.20
U-98	CONDUIT	12.03	3	04:24	7.48	2	13:53	19.26	10.64	3	04:24	1.00	0	19:39	1.20
U-99	CONDUIT	6.94	3	00:51	6.46	3	03:35	31.82	4.97	3	00:51	1.00	0	19:55	1.33
PS-HC1-LAG	PUMP	8.00	0	17:03	8.00	0	17:04	1.00							
PS-HC1-LEAD	PUMP	8.00	0	17:03	8.00	0	17:04	1.00							
W-WELL3D-NEW	WEIR	226.11	2	13:30	166.65	2	13:29					1.00	2	11:58	
W-WELL4-11-NEW	WEIR	3.27	2	11:59	2.49	2	12:17					0.13	2	11:59	
W-WELL6A-NEW	WEIR	14.80	2	10:23	14.70	2	10:23					0.45	2	15:39	
W-WELL6D-NEW	WEIR	0.00	0	00:00	0.00	0	00:00					0.00	0	00:00	
W-WELL7D-NEW	WEIR	53.96	2	13:09	37.63	2	22:27					1.00	2	12:25	
W1-10-NEW	WEIR	17.86	2	21:06	10.00	2	21:55					0.48	2	21:09	
W1-26-NEW	WEIR	92.85	2	20:41	58.74	2	16:39					1.00	2	11:51	
W3-56-NEW	WEIR	67.91	3	05:58	25.84	3	05:58					1.00	2	10:20	
W5-2-NEW	WEIR	5.44	2	12:15	5.44	2	12:15					0.13	2	12:15	
W6A-26-NEW	WEIR	60.35	2	22:06	27.09	2	12:24					1.00	2	11:46	
WA-10	WEIR	54.86	2	22:01	35.03	2	20:20					1.00	2	11:54	
WA-4-NEW	WEIR	121.52	2	12:03	52.91	2	12:01					1.00	2	09:05	
WEIR-11	WEIR	14.11	3	04:29	10.84	3	03:52					0.59	3	04:29	
WEIR-13	WEIR	4.28	2	19:35	4.11	2	13:21					0.25	2	19:47	

WEIR-15	WEIR	9.66	2	19:03	7.04	2	20:01	0.38	2	19:03
WEIR-17	WEIR	59.04	2	15:01	28.09	2	15:34	1.00	2	14:56
WEIR-19	WEIR	6.50	2	17:13	5.30	2	15:29	0.45	2	19:21
WEIR-21	WEIR	2.00	2	11:56	0.93	2	11:54	0.10	2	11:58
WEIR-23	WEIR	1.10	2	13:50	1.10	2	13:50	0.08	2	13:29
WEIR-25	WEIR	1.79	2	13:00	1.79	2	13:00	0.09	2	13:00
WEIR-27	WEIR	0.00	0	00:00	0.00	0	00:00	0.00	0	00:00
WEIR-29	WEIR	1.10	2	11:55	0.95	2	11:55	0.07	2	11:54
WEIR-3	WEIR	10.88	2	14:02	6.00	2	14:04	0.44	2	14:02
WEIR-31	WEIR	3.15	2	14:37	3.15	2	14:38	0.22	2	20:55
WEIR-33	WEIR	7.40	3	04:38	3.53	3	04:54	0.29	3	04:20
WEIR-35	WEIR	3.76	3	04:38	1.79	2	11:51	0.18	3	04:42
WEIR-37	WEIR	5.54	2	22:41	1.92	2	22:53	0.22	2	22:41
WEIR-39	WEIR	5.83	2	23:18	3.86	2	22:50	0.26	2	22:41
WEIR-41	WEIR	2.78	2	11:44	2.64	2	12:30	0.13	2	11:44
WEIR-43	WEIR	0.97	2	17:02	0.97	2	17:03	0.09	2	14:07
WEIR-45	WEIR	1.81	2	16:35	1.65	2	12:17	0.17	2	16:35
WEIR-47	WEIR	6.65	3	02:38	3.64	3	01:49	0.26	3	01:43
WEIR-49	WEIR	5.35	2	21:29	5.17	2	12:15	0.38	2	18:49
WEIR-5	WEIR	18.53	3	03:56	12.85	3	04:09	0.65	3	03:27
WEIR-51	WEIR	0.30	2	19:54	0.30	2	19:54	0.04	2	19:53
WEIR-53	WEIR	51.30	3	01:36	25.29	2	11:55	1.00	2	10:39
WEIR-55	WEIR	0.22	2	16:53	0.22	2	16:54	0.03	2	19:15
WEIR-57	WEIR	7.06	3	05:09	5.55	3	04:27	0.34	2	21:03
WEIR-59	WEIR	5.02	2	19:55	3.51	2	17:11	0.32	2	17:23
WEIR-61	WEIR	2.88	2	12:36	2.88	2	12:37	0.19	2	16:23
WEIR-63	WEIR	9.59	3	05:28	7.32	3	02:31	1.00	2	09:05
WEIR-65	WEIR	1.83	2	12:59	1.83	2	12:59	0.09	2	12:59
WEIR-67	WEIR	15.41	2	11:58	12.94	2	11:59	0.61	2	13:40
WEIR-69	WEIR	7.48	3	03:17	5.03	3	03:13	0.38	2	14:02
WEIR-7	WEIR	7.65	2	14:35	3.43	2	15:17	0.36	2	15:01
WEIR-71	WEIR	2.05	2	14:46	2.05	2	14:46	0.13	2	14:18
WEIR-73	WEIR	1.45	2	14:09	1.45	2	14:09	0.08	2	14:10
WEIR-75	WEIR	0.87	2	12:51	0.87	2	12:48	0.30	2	12:53
WEIR-77	WEIR	5.63	2	23:47	5.45	2	23:59	0.23	2	23:47
WEIR-79	WEIR	3.94	2	23:47	3.07	2	13:21	0.20	2	23:47
WEIR-81	WEIR	4.05	3	02:52	1.26	2	13:59	0.16	3	02:52
WEIR-83	WEIR	8.96	2	18:49	5.89	2	22:27	0.49	2	21:58
WEIR-85	WEIR	11.35	2	21:55	6.95	2	16:35	0.58	2	21:58
WEIR-87	WEIR	12.05	2	21:43	6.93	2	16:35	0.58	2	21:58
WEIR-9	WEIR	7.91	2	12:26	6.49	3	05:03	0.41	2	13:57
WEIR-J-748	WEIR	52.30	2	11:50	17.70	2	12:00	1.00	2	10:08
WEIR-J-754-STANTECT	WEIR	92.33	2	11:59	21.19	2	09:27	1.00	1	22:30
WEIR-J-799-EAC	WEIR	2.13	2	08:40	2.13	2	06:08	1.00	1	12:02
CDT-19	DUMMY	4.62	2	09:47	4.62	2	09:59			
CDT-21	DUMMY	2.84	2	00:01	2.84	2	11:22			
CDT-23	DUMMY	1.41	0	23:12	1.41	2	07:20			
CDT-25	DUMMY	3.85	2	06:30	3.85	2	11:04			
CDT-27	DUMMY	2.06	2	03:18	2.06	2	07:49			
CDT-29	DUMMY	1.44	0	19:59	1.44	1	04:31			
CDT-31	DUMMY	2.27	0	19:33	2.27	0	21:26			
CDT-33	DUMMY	1.95	2	09:43	1.95	2	10:03			
CDT-35	DUMMY	0.00	0	00:00	0.00	0	00:00			
CDT-37	DUMMY	3.79	0	23:57	3.80	2	11:54			
CDT-39	DUMMY	2.27	1	04:52	2.27	2	08:13			
CDT-41	DUMMY	1.90	2	07:00	1.90	2	08:13			
CDT-43	DUMMY	0.63	2	05:27	0.63	2	08:05			
CDT-45	DUMMY	1.21	1	01:52	1.21	1	08:18			
CDT-47	DUMMY	1.28	2	11:47	1.28	2	11:48			
CDT-49	DUMMY	1.28	2	11:24	1.28	2	11:37			

CDT-51	DUMMY	1.28	2	11:48	1.28	2	11:50
CDT-53	DUMMY	3.30	2	10:43	3.30	2	11:51
CDT-55	DUMMY	1.90	1	15:34	1.90	1	22:00
CDT-57	DUMMY	1.28	0	19:32	1.28	1	07:36
CDT-59	DUMMY	2.84	2	02:20	2.84	2	12:00
CDT-61	DUMMY	1.28	0	20:11	1.28	0	20:15
CDT-63	DUMMY	2.84	1	20:54	2.84	2	11:58
J33A_OUTFALL	DUMMY	2.82	1	02:06	2.82	2	11:08
J567_OUTFALL	DUMMY	2.82	2	11:28	2.82	2	11:29
U-331	DUMMY	1.70	1	08:10	1.70	2	10:23
W-ENID-DRIVE	DUMMY	3.79	1	07:28	3.80	1	22:22
WELL-W-MCINTYRE	DUMMY	3.79	2	11:34	3.80	2	11:47

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  Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C-WELL3W	1.25	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C-WELL4E	1.41	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-101	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-103	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-105	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-107	2.11	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-109	2.11	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.01	0.00
CDT-11	1.00	0.01	0.02	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-111	2.11	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-113	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-115	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-121	70.04	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-123	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-125	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-171	1.00	0.01	0.04	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-173	5.03	0.08	0.00	0.00	0.90	0.00	0.01	0.01	0.00	0.00
CDT-175	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-177	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-179	22.55	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.00	0.00
CDT-181	5.03	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-183	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-185	5.03	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-187	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-189	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-191	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-193	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-195	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-197	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-199	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-201	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-205	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-207	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-209	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-211	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-213	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-215	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-217	15.62	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-219	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-221	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-223	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-225	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-227	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-229	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-231	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-233	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-235	5.03	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.00	0.00
CDT-237	21.76	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.20	0.00
CDT-239	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-241	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-243	21.76	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-245	21.76	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-247	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-249	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-251	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-253	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-255	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-257	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-259	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
CDT-261	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-263	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-265	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-267	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-269	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-271	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-273	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-275	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-277	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-279	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-281	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-283	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-285	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

CDT-287	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-289	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-291	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-293	5.03	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-295	5.03	0.03	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-297	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-299	3.52	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-439	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
CDT-493	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-495	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-525	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-539	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.13	0.00
CDT-87	14.60	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
CDT-91	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-93	2.11	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
CDT-95	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-97	2.11	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-99	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J-963_OUTFALL	1.45	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J561_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J575_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J920_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
LINK-WELL-2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
U-1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-102	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-104	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-105	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-11	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-113	1.00	0.02	0.00	0.00	0.91	0.00	0.00	0.07	0.00	0.00
U-114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-118	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-122	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-125	1.00	0.03	0.00	0.00	0.88	0.00	0.00	0.09	0.00	0.00
U-129	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-141	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.16
U-150	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-153	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-155	1.34	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-161	1.00	0.02	0.00	0.00	0.80	0.00	0.00	0.18	0.00	0.03
U-165	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-167	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-17	1.62	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.21
U-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-172	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-176	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-177	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-181	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-184	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.00
U-186	1.00	0.01	0.00	0.00	0.44	0.00	0.00	0.55	0.00	0.02
U-191	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-193	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-195	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-197	1.18	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-199	1.00	0.01	0.00	0.00	0.85	0.00	0.00	0.14	0.00	0.04
U-20	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-200	1.00	0.01	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.01
U-201	1.00	0.02	0.00	0.00	0.77	0.00	0.00	0.21	0.00	0.06
U-202	1.00	0.02	0.00	0.00	0.85	0.00	0.01	0.13	0.00	0.05
U-203	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-204	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-206	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-207	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-208	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-211	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-213	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-214	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-220	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-221	1.57	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-227	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-228	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-231	1.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-232	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.13
U-233	1.00	0.01	0.00	0.00	0.90	0.00	0.00	0.09	0.00	0.00
U-237	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-239	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-240	1.00	0.00	0.00	0.00	0.95	0.00	0.00	0.05	0.00	0.00
U-242	1.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-244	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-245	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-249	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-25	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-253	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-254	1.00	0.02	0.00	0.00	0.95	0.00	0.00	0.03	0.00	0.00
U-256	2.69	0.01	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.00
U-259	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-260	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-261	1.00	0.04	0.00	0.00	0.26	0.00	0.00	0.70	0.00	0.21
U-262-NEW	1.40	0.77	0.00	0.00	0.11	0.00	0.00	0.11	0.00	0.00
U-263	1.00	0.00	0.37	0.00	0.22	0.00	0.41	0.00	0.00	0.13
U-265	2.65	0.00	0.03	0.00	0.96	0.00	0.01	0.00	0.00	0.22
U-267	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-270	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-271	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-274	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-277	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-280	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-286	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-289	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-290	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-291	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-293	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-294	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-295	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-298	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-299	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-300	1.02	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-304	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-309	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-312	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-315	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-316	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-319	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-322	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-325	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
U-327	1.00	0.02	0.00	0.00	0.23	0.00	0.00	0.75	0.00	0.00
U-328	1.00	0.01	0.00	0.00	0.96	0.00	0.00	0.03	0.00	0.00
U-330	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-332	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.04
U-335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-337	1.13	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.12
U-34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-344	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-345	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.16
U-346	1.01	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-347	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-348	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-35	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-351	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-352	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-353	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-354	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-357	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-358	1.00	0.00	0.00	0.00	0.65	0.00	0.01	0.34	0.00	0.18
U-364	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-364A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-366	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-37	1.35	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-372	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-373	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-376	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.10
U-379	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-38	1.59	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-382	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-385	1.00	0.01	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-386	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-388	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-390	1.00	0.02	0.00	0.00	0.97	0.00	0.01	0.00	0.00	0.00
U-391	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.04
U-392	1.79	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-394	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.06
U-397	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-398	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-399	1.00	0.00	0.00	0.00	0.86	0.00	0.00	0.14	0.00	0.00
U-402	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-404	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-406	1.00	0.01	0.00	0.00	0.97	0.00	0.02	0.00	0.00	0.00
U-407	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.02
U-408	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.01	0.00	0.00
U-409	1.00	0.01	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-411	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-412	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-413	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-414	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-415	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-417	1.00	0.11	0.00	0.00	0.82	0.00	0.04	0.02	0.00	0.00
U-418	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-419	1.55	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-421	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-428	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-430	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-434	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-437	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-439	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-44	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.04
U-440	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.06
U-441	1.00	0.03	0.00	0.00	0.53	0.00	0.00	0.44	0.00	0.08
U-443	1.00	0.01	0.00	0.00	0.37	0.00	0.00	0.62	0.00	0.25
U-445	1.00	0.01	0.00	0.00	0.95	0.00	0.00	0.04	0.00	0.07
U-447	2.20	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.01
U-448	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.06
U-449	1.00	0.01	0.00	0.00	0.95	0.00	0.00	0.04	0.00	0.08
U-45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.03
U-450	1.00	0.02	0.00	0.00	0.78	0.00	0.00	0.20	0.00	0.24
U-451	1.00	0.02	0.00	0.00	0.91	0.00	0.01	0.07	0.00	0.14
U-452	1.00	0.02	0.00	0.00	0.94	0.00	0.00	0.04	0.00	0.03
U-454	1.00	0.02	0.00	0.00	0.76	0.00	0.03	0.19	0.00	0.33
U-456	1.62	0.02	0.01	0.00	0.53	0.00	0.02	0.43	0.00	0.35
U-463	1.00	0.03	0.16	0.00	0.32	0.00	0.10	0.39	0.00	0.56
U-464	1.00	0.01	0.01	0.00	0.95	0.00	0.00	0.03	0.00	0.02
U-466	1.00	0.00	0.05	0.00	0.94	0.00	0.00	0.00	0.00	0.00
U-468	2.01	0.00	0.51	0.00	0.48	0.00	0.01	0.00	0.00	0.21
U-468-NEW	1.00	0.15	0.00	0.00	0.48	0.00	0.00	0.38	0.00	0.00
U-469	1.32	0.00	0.00	0.00	0.99	0.00	0.00	0.01	0.00	0.33
U-47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-48	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-483	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-486	1.00	0.05	0.00	0.00	0.91	0.00	0.00	0.05	0.00	0.00
U-489	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.56
U-492	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-495	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.15
U-496	1.00	0.01	0.00	0.00	0.73	0.00	0.02	0.24	0.00	0.08
U-497	1.00	0.03	0.00	0.00	0.16	0.00	0.00	0.82	0.00	0.52
U-498	1.00	0.04	0.00	0.00	0.03	0.00	0.01	0.93	0.00	0.53
U-5	2.12	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.10
U-50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-500	3.06	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-501	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.01
U-502	1.29	0.02	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-503	1.00	0.02	0.00	0.00	0.96	0.00	0.02	0.00	0.00	0.29
U-507	1.00	0.02	0.00	0.00	0.59	0.00	0.00	0.39	0.00	0.04

U-509	1.00	0.00	0.11	0.00	0.88	0.00	0.00	0.00	0.00	0.20
U-513	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-514	1.00	0.06	0.08	0.00	0.64	0.00	0.19	0.02	0.00	0.01
U-518-NEW	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-519-NEW	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.00	0.00
U-522	1.00	0.58	0.00	0.00	0.18	0.00	0.00	0.24	0.00	0.16
U-523	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-524-NEW	3.72	0.82	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
U-525	1.00	0.82	0.00	0.00	0.17	0.00	0.00	0.01	0.00	0.01
U-526	1.00	0.82	0.00	0.00	0.15	0.00	0.03	0.00	0.00	0.00
U-527	1.00	0.82	0.00	0.00	0.16	0.00	0.02	0.00	0.00	0.00
U-53	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-530	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.20
U-531	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-533	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-534-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-537	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.14
U-538	1.00	0.00	0.03	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-54	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.14
U-545	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-547	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-548	13.18	0.00	0.11	0.00	0.85	0.00	0.03	0.00	0.00	0.26
U-549	13.50	0.06	0.05	0.00	0.88	0.00	0.01	0.00	0.00	0.44
U-55	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-550	1.00	0.03	0.03	0.00	0.94	0.00	0.00	0.00	0.00	0.00
U-555	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-559	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-56	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-562	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-565	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-568	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-569	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-570	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.08
U-572	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-573	1.03	0.00	0.19	0.00	0.71	0.00	0.10	0.00	0.00	0.40
U-574	1.43	0.19	0.00	0.00	0.63	0.00	0.05	0.12	0.00	0.28
U-575	1.93	0.00	0.00	0.00	0.69	0.00	0.31	0.00	0.00	0.00
U-580	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-583	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-584	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-587	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-589	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-59	3.20	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.13
U-590	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-591	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-596	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-599	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-60	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-601	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-604	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-608	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-609	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-612	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-614	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.21
U-616	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-618	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-620	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-621	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-623	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-625	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-628	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-629	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-632	1.97	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.00	0.63
U-633	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-637	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-64	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-640	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-643	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-646	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-648	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-649	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-651	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-652	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-653	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-656	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-657	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-659-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-66	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-663	1.00	0.02	0.00	0.00	0.88	0.00	0.00	0.09	0.00	0.00
U-668	1.00	0.02	0.00	0.00	0.45	0.00	0.00	0.53	0.00	0.00
U-671	1.00	0.02	0.00	0.00	0.42	0.00	0.00	0.57	0.00	0.00
U-674	1.00	0.02	0.00	0.00	0.33	0.00	0.00	0.65	0.00	0.00
U-675	1.00	0.02	0.00	0.00	0.63	0.00	0.01	0.34	0.00	0.02
U-678	1.00	0.02	0.00	0.00	0.42	0.00	0.00	0.56	0.00	0.04
U-68	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-681	1.00	0.03	0.00	0.00	0.66	0.02	0.05	0.23	0.00	0.10
U-682	1.53	0.04	0.00	0.00	0.12	0.01	0.02	0.81	0.00	0.58
U-684	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-685	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-686	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.00
U-687	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-688	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-690	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-694	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-695	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-696	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-70	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-701	3.71	0.00	0.03	0.00	0.96	0.00	0.00	0.00	0.00	0.09
U-704	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-706	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-707	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-708	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-71	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-710	3.71	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-711	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-717	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-718	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-719	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-720	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-721-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-725	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-727	1.00	0.03	0.00	0.00	0.77	0.00	0.01	0.19	0.00	0.01
U-729	1.00	0.03	0.00	0.00	0.57	0.00	0.00	0.40	0.00	0.11
U-73	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-731	1.00	0.03	0.00	0.00	0.86	0.00	0.00	0.10	0.00	0.00
U-732	1.00	0.03	0.00	0.00	0.68	0.00	0.00	0.29	0.00	0.15
U-734	1.00	0.03	0.00	0.00	0.93	0.00	0.00	0.05	0.00	0.00
U-736	1.00	0.02	0.00	0.00	0.49	0.00	0.00	0.49	0.00	0.01
U-738	1.00	0.02	0.00	0.00	0.54	0.00	0.01	0.44	0.00	0.00
U-74	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-740	1.00	0.03	0.00	0.00	0.87	0.00	0.00	0.11	0.00	0.00
U-741	1.00	0.02	0.00	0.00	0.78	0.00	0.00	0.20	0.00	0.00
U-743	1.00	0.01	0.00	0.00	0.36	0.00	0.00	0.62	0.00	0.01
U-745	1.00	0.01	0.00	0.00	0.91	0.00	0.00	0.07	0.00	0.00
U-747	1.00	0.02	0.00	0.00	0.78	0.00	0.00	0.20	0.00	0.00
U-749	1.00	0.03	0.00	0.00	0.79	0.00	0.00	0.19	0.00	0.00
U-75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-751	1.00	0.03	0.00	0.00	0.87	0.00	0.00	0.10	0.00	0.01
U-753	1.00	0.03	0.00	0.00	0.80	0.00	0.00	0.17	0.00	0.04
U-755	1.00	0.02	0.00	0.00	0.85	0.00	0.00	0.13	0.00	0.00
U-763	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-766	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-769	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-77	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-772	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-775	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-778	1.00	0.00	0.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00
U-783	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-786	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-789	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-792	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-795	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-796	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-8	3.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.05
U-801	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-804	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-807	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-810	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-811	1.09	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-815	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-816	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-820	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-823	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-826	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-829	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-83	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-832	1.33	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-833	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-834-EAC	1.22	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-835	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.07
U-837	1.21	0.00	0.01	0.00	0.96	0.00	0.02	0.00	0.00	0.00
U-838	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-839	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-840	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-841	1.46	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-842	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-846	1.00	0.03	0.00	0.00	0.78	0.00	0.00	0.19	0.00	0.43
U-847	1.02	0.04	0.00	0.00	0.16	0.00	0.81	0.00	0.00	0.00
U-848	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-851	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-852	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-854	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-856	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-858	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-860	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-863	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-864	1.14	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.04
U-865	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.16
U-866	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-867	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-868	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-869	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-871	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-872	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-874-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-875	1.00	0.01	0.01	0.00	0.97	0.00	0.00	0.00	0.00	0.07
U-878	1.00	0.01	0.00	0.00	0.95	0.00	0.00	0.04	0.00	0.00
U-879	1.00	0.02	0.00	0.00	0.55	0.00	0.00	0.43	0.00	0.03
U-88	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-880	1.42	0.02	0.00	0.00	0.77	0.00	0.00	0.20	0.00	0.11
U-885	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-90	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-91	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-92	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-96	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-97	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-98	2.68	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-99	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
C-WELL3W	77.99	77.99	78.00	0.00	0.00
C-WELL4E	0.00	0.00	0.79	0.00	0.00
CDT-101	20.89	20.90	20.92	0.56	6.43
CDT-103	20.79	20.85	20.96	3.11	5.22
CDT-105	20.31	20.40	20.59	0.19	1.50
CDT-107	18.96	19.24	19.86	4.01	6.22
CDT-109	19.02	19.18	19.24	1.12	1.58
CDT-11	57.81	57.81	60.84	7.71	10.03
CDT-111	18.83	19.10	19.67	0.70	2.76
CDT-113	18.75	18.91	18.80	0.29	2.41
CDT-115	20.12	20.26	20.15	0.02	7.24
CDT-121	20.03	20.40	76.16	0.00	0.10
CDT-123	48.71	48.71	48.72	13.02	12.15
CDT-125	46.57	46.57	46.57	0.00	3.40
CDT-171	19.83	19.83	20.62	0.00	0.00
CDT-173	10.81	10.94	10.82	0.01	3.68
CDT-175	7.94	8.11	8.01	0.00	0.74
CDT-177	7.94	8.11	8.01	0.00	0.60
CDT-179	3.78	3.78	6.88	0.00	0.00
CDT-181	2.74	2.82	2.90	0.00	1.91
CDT-183	12.18	12.57	12.35	0.01	3.04
CDT-185	2.74	2.82	2.90	0.00	1.91
CDT-187	25.12	25.21	25.16	0.00	10.45
CDT-189	25.12	25.16	25.21	0.00	10.46
CDT-191	6.83	6.96	6.88	0.00	0.57

CDT-193	20.61	20.69	21.17	0.07	2.24
CDT-195	44.77	44.77	44.77	0.00	1.60
CDT-197	19.51	19.57	19.70	0.06	9.08
CDT-199	19.64	19.68	19.65	0.02	8.52
CDT-201	19.60	19.69	19.61	0.00	7.00
CDT-205	19.58	19.64	19.76	0.05	7.32
CDT-207	19.09	19.27	19.71	0.27	4.50
CDT-209	22.78	22.87	22.85	0.01	6.36
CDT-211	22.78	22.85	22.87	0.01	8.16
CDT-213	21.90	22.85	22.19	0.07	6.83
CDT-215	19.88	20.00	20.18	0.05	5.17
CDT-217	19.65	19.69	20.08	0.00	0.44
CDT-219	19.65	19.65	19.67	0.01	1.45
CDT-221	16.43	16.46	16.44	0.00	1.04
CDT-223	19.44	19.61	19.46	0.00	6.75
CDT-225	16.46	16.50	16.47	0.00	5.69
CDT-227	18.75	18.80	18.93	0.09	5.71
CDT-229	19.71	19.76	19.73	0.00	4.83
CDT-231	19.71	19.73	19.76	0.00	12.42
CDT-233	19.57	19.76	19.63	0.01	0.88
CDT-235	18.41	18.80	18.50	0.35	9.20
CDT-237	18.64	18.66	20.64	0.00	2.76
CDT-239	20.96	21.01	20.96	0.01	1.36
CDT-241	19.71	19.76	19.73	0.00	3.71
CDT-243	18.91	18.94	20.97	0.00	0.03
CDT-245	18.91	18.94	20.97	0.00	0.03
CDT-247	19.51	19.55	19.75	0.01	10.45
CDT-249	19.73	19.79	19.74	0.00	9.99
CDT-251	16.52	16.65	16.57	0.00	4.21
CDT-253	18.92	19.07	18.96	0.00	4.19
CDT-255	20.90	20.97	20.90	0.07	7.86
CDT-257	20.90	20.97	20.90	0.15	6.53
CDT-259	18.67	18.74	18.75	0.01	5.70
CDT-261	19.38	19.59	19.50	0.04	6.11
CDT-263	15.57	15.60	15.57	0.01	1.59
CDT-265	4.41	4.57	4.97	0.15	1.52
CDT-267	4.40	4.57	4.96	0.15	1.87
CDT-269	3.85	3.85	3.85	0.00	1.57
CDT-271	18.39	18.46	18.40	0.01	7.31
CDT-273	20.33	20.48	20.75	0.03	9.11
CDT-275	18.62	18.62	18.65	0.00	0.74
CDT-277	18.34	18.46	18.35	0.00	2.06
CDT-279	20.33	20.48	20.75	0.03	9.22
CDT-281	18.34	18.46	18.35	0.00	4.12
CDT-283	18.72	18.75	18.86	0.00	5.08
CDT-285	18.40	18.45	18.41	0.00	4.49
CDT-287	18.47	18.48	18.49	0.00	3.66
CDT-289	18.07	18.07	18.09	0.08	4.02
CDT-291	20.56	20.62	20.69	0.02	4.19
CDT-293	18.25	18.27	18.38	0.11	5.30
CDT-295	18.19	18.19	18.19	0.00	9.17
CDT-297	19.69	19.71	19.79	0.00	9.15
CDT-299	50.47	50.68	52.80	5.62	22.93
CDT-439	35.87	46.74	38.21	42.54	13.64
CDT-493	46.02	47.18	46.68	45.55	28.53
CDT-495	44.56	46.68	45.44	41.86	26.50
CDT-525	54.78	54.78	54.78	0.31	11.55
CDT-539	5.72	5.72	31.09	0.03	0.72
CDT-87	0.00	0.00	0.00	0.43	0.00
CDT-91	62.52	62.54	62.52	3.25	6.71
CDT-93	23.29	24.29	25.93	6.39	10.90
CDT-95	18.76	18.79	18.84	1.99	8.86
CDT-97	18.71	18.72	18.76	0.16	6.75
CDT-99	22.38	23.20	22.55	0.34	8.58
J-963_OUTFALL	78.00	78.00	78.00	4.91	21.50
J561_OUTFALL	54.78	54.78	78.00	16.02	15.25
J575_OUTFALL	77.99	77.99	78.00	3.11	6.92
J920_OUTFALL	54.68	54.68	78.00	0.00	1.44
LINK-WELL-2	28.58	28.58	77.99	20.04	15.88
U-1	53.66	57.50	53.66	32.23	34.80
U-100	29.60	35.51	37.13	20.63	16.13
U-101	30.10	36.19	36.95	33.15	18.80
U-102	31.78	37.13	39.46	27.24	20.69
U-103	35.07	36.95	47.80	35.87	21.85
U-104	59.61	59.61	59.61	35.11	28.07
U-105	20.83	21.21	25.06	26.09	15.12
U-106	20.60	20.60	78.00	4.92	8.75
U-11	57.17	57.25	57.18	10.15	30.19
U-110	58.37	58.60	58.94	40.06	16.23
U-112	54.49	54.58	58.94	17.97	21.81

U-113	57.30	60.26	57.35	61.10	25.97
U-114	54.43	58.92	54.58	33.35	36.45
U-118	55.45	55.45	55.58	31.41	35.50
U-121	51.20	54.14	51.25	32.42	35.62
U-122	51.94	51.99	53.81	26.09	31.67
U-125	19.13	19.67	20.22	32.90	18.10
U-129	54.86	57.00	54.97	30.88	17.41
U-13	58.26	58.26	58.26	49.45	35.84
U-131	54.81	57.28	54.97	43.48	35.67
U-141	41.14	58.63	41.17	50.60	13.31
U-142	41.16	41.17	58.64	50.99	14.37
U-147	37.74	58.65	37.74	50.20	21.96
U-15	57.99	57.99	60.47	1.23	6.30
U-150	30.58	37.74	42.77	53.21	23.27
U-153	35.85	42.77	43.82	49.18	29.65
U-155	38.32	43.82	45.55	41.31	25.05
U-156	37.96	45.57	46.61	52.18	24.74
U-158	46.58	46.58	58.65	48.35	26.05
U-16	35.47	36.65	36.55	51.51	25.28
U-160	32.15	38.95	44.62	42.94	13.03
U-161	34.05	41.36	41.27	52.68	19.91
U-165	23.75	31.38	24.06	48.23	18.26
U-167	21.13	24.06	24.48	56.23	15.90
U-17	20.48	20.48	21.43	0.00	0.41
U-171	24.21	31.85	24.48	50.74	20.15
U-172	23.48	24.48	33.38	57.99	18.68
U-176	32.49	33.14	33.38	45.23	24.41
U-177	20.46	21.92	21.41	57.39	3.61
U-18	52.16	52.16	56.68	40.31	26.07
U-181	20.47	22.41	21.40	54.72	12.97
U-184	20.69	22.40	21.84	47.92	6.59
U-186	29.74	31.56	31.85	56.07	13.32
U-191	48.58	59.53	48.68	53.82	34.40
U-193	39.50	48.69	43.22	46.06	23.37
U-195	37.46	43.23	44.50	47.23	26.78
U-196	42.81	44.50	56.17	53.24	27.89
U-197	31.66	36.20	34.02	38.92	6.64
U-199	33.13	36.21	36.82	52.60	19.78
U-20	52.16	56.68	52.16	53.23	36.34
U-200	38.35	39.52	48.69	55.56	22.20
U-201	25.87	30.23	34.87	54.49	16.58
U-202	33.53	40.19	37.99	40.56	13.74
U-203	59.85	59.85	59.91	56.20	31.61
U-204	56.56	56.56	59.91	51.59	19.87
U-206	59.91	59.91	59.91	49.26	35.07
U-207	47.80	56.48	49.84	52.99	26.93
U-208	42.19	49.79	47.95	51.23	31.16
U-211	47.78	47.97	59.57	53.53	29.77
U-213	48.64	48.64	59.76	52.43	30.33
U-214	47.29	47.29	78.00	0.00	6.63
U-22	53.79	56.67	53.79	54.59	37.84
U-220	60.35	60.56	60.43	45.81	21.07
U-221	65.76	65.76	65.76	51.87	35.58
U-227	34.16	38.74	46.61	48.27	28.26
U-228	46.61	46.62	59.90	53.23	30.92
U-231	31.78	35.85	39.28	18.06	7.16
U-232	55.67	57.41	60.84	0.00	9.11
U-233	39.49	40.37	55.83	56.25	15.33
U-237	30.17	46.74	32.52	26.52	8.17
U-239	57.28	58.46	57.41	54.27	42.47
U-240	57.63	58.55	57.86	54.47	31.39
U-242	51.78	53.48	54.69	28.58	32.12
U-244	58.48	58.55	58.65	54.00	29.84
U-245	47.38	47.45	58.51	52.06	25.60
U-249	39.23	46.78	47.46	52.05	23.72
U-25	51.37	53.87	53.89	39.72	32.39
U-251	40.83	48.23	46.76	48.50	24.52
U-253	58.76	58.76	58.78	56.05	43.27
U-254	47.14	47.30	58.45	55.11	29.14
U-256	36.34	44.14	38.18	11.58	16.34
U-259	32.00	40.35	37.20	50.59	28.03
U-26	53.78	53.78	56.68	54.64	14.50
U-260	57.10	58.07	57.50	56.70	25.68
U-261	10.57	11.52	10.84	20.94	8.38
U-262-NEW	10.91	14.77	10.98	19.60	10.31
U-263	14.26	14.26	78.00	0.00	0.09
U-265	17.98	18.27	50.81	0.00	0.35
U-267	38.47	48.10	48.95	45.70	15.48
U-270	38.95	48.94	48.15	45.09	14.50
U-271	40.34	48.15	50.79	46.41	28.47

U-274	50.18	50.18	56.68	24.82	14.71
U-277	50.18	56.68	50.18	28.55	24.37
U-28	44.40	56.68	44.40	48.75	27.62
U-280	38.12	58.62	38.15	50.03	15.31
U-286	34.19	58.59	34.20	47.17	12.19
U-289	29.47	34.20	44.02	46.81	7.73
U-29	44.40	44.40	56.68	50.45	23.06
U-290	28.23	38.15	37.44	45.21	6.81
U-291	34.31	37.44	50.73	45.94	8.30
U-293	43.99	44.01	58.62	38.52	14.27
U-294	48.81	58.62	48.84	52.78	39.49
U-295	43.98	48.85	50.74	41.59	29.12
U-298	40.43	43.90	50.74	42.82	26.35
U-299	40.47	50.74	43.54	43.40	11.47
U-300	36.52	43.53	43.21	29.37	12.65
U-304	59.31	59.84	59.31	59.55	27.14
U-308	25.54	40.11	30.49	59.15	8.35
U-308A	34.77	40.10	45.48	55.94	19.62
U-309	28.74	34.27	43.88	51.04	22.47
U-312	20.09	30.49	23.34	60.72	1.46
U-315	20.37	23.34	22.94	60.08	2.26
U-316	22.38	22.94	26.29	49.49	2.78
U-319	17.99	18.32	18.21	48.20	3.94
U-322	18.09	18.37	18.21	48.97	3.91
U-325	17.88	18.37	17.89	59.60	12.10
U-327	17.89	17.99	18.51	59.58	13.94
U-328	19.39	21.52	21.45	44.20	4.62
U-330	23.08	23.08	59.37	0.00	0.77
U-332	48.15	48.15	60.74	0.00	2.65
U-335	35.56	35.67	58.77	41.62	12.86
U-337	27.49	29.41	52.92	0.00	3.25
U-34	33.77	56.68	33.77	39.92	16.70
U-341	60.66	60.74	60.71	53.14	23.61
U-344	35.68	35.73	60.46	51.23	21.34
U-345	23.71	34.25	35.73	0.27	2.15
U-346	49.06	57.88	49.14	53.72	37.05
U-347	39.28	49.15	45.48	60.08	29.16
U-348	22.58	28.59	27.93	47.01	7.20
U-35	36.39	56.68	36.40	42.80	12.46
U-351	56.81	57.69	57.36	59.38	35.19
U-352	41.53	44.23	50.96	17.94	13.32
U-353	50.95	50.96	58.22	15.00	11.39
U-354	19.65	22.99	20.02	25.72	3.42
U-357	18.77	22.32	20.02	44.92	8.08
U-358	29.52	38.33	39.95	46.74	8.00
U-364	56.71	56.71	56.71	27.34	0.62
U-364A	46.51	46.56	46.53	9.84	8.36
U-366	35.19	58.27	35.32	49.20	12.32
U-37	56.68	56.68	56.68	16.95	31.53
U-372	30.57	35.33	45.48	47.65	6.42
U-373	48.77	59.39	48.77	44.22	21.90
U-376	27.56	30.47	48.76	0.00	2.49
U-379	58.64	58.67	58.69	47.71	44.38
U-38	22.40	22.60	23.69	2.74	2.50
U-382	32.71	38.77	39.12	35.82	24.67
U-385	35.94	44.17	39.12	37.29	10.26
U-386	59.37	59.43	59.41	29.02	38.06
U-388	50.74	53.81	51.14	34.70	35.84
U-390	49.75	51.71	51.14	23.20	17.22
U-391	45.60	45.60	60.78	0.00	2.33
U-392	43.37	45.60	55.97	0.00	7.18
U-394	58.75	58.75	63.76	0.07	1.62
U-397	58.57	58.75	58.67	55.02	35.11
U-398	18.08	19.08	18.88	45.12	5.43
U-399	57.50	63.76	57.50	58.88	28.49
U-402	45.87	59.02	45.94	55.00	36.02
U-404	45.05	45.94	57.68	48.94	29.72
U-406	41.69	58.91	41.78	54.59	19.82
U-407	54.83	59.88	54.93	39.29	33.43
U-408	55.40	60.15	55.60	23.60	13.26
U-409	35.51	43.51	41.62	1.83	7.43
U-411	30.95	41.62	37.56	45.34	15.46
U-412	29.66	37.56	38.45	46.73	20.63
U-413	31.41	38.43	37.33	35.68	17.18
U-414	43.82	60.42	43.91	56.21	30.34
U-415	39.18	39.25	60.39	48.45	21.73
U-416	60.20	60.39	60.47	58.43	30.19
U-417	15.43	15.47	15.44	0.02	3.52
U-418	37.26	37.29	52.16	35.16	25.07
U-419	60.29	78.00	60.29	18.15	18.08

U-420	52.53	52.53	52.53	27.32	30.15
U-421	19.04	20.05	19.90	5.14	7.29
U-423	18.36	19.90	19.34	10.47	9.17
U-428	17.88	19.34	19.20	14.68	6.82
U-430	17.39	19.20	18.94	23.28	15.95
U-434	17.17	18.93	18.51	23.39	14.50
U-437	37.16	50.38	37.16	37.23	29.61
U-439	37.20	37.20	53.92	24.12	13.38
U-44	32.39	32.39	54.09	2.02	11.64
U-440	32.52	32.52	53.92	16.23	4.48
U-441	19.29	22.24	32.51	17.24	2.35
U-443	18.22	21.90	20.44	27.67	4.51
U-445	14.91	16.17	18.61	0.41	2.35
U-447	50.40	50.41	54.38	0.00	7.81
U-448	46.53	46.53	56.58	0.02	5.82
U-449	17.87	18.80	25.21	0.12	3.79
U-45	19.59	29.97	32.38	0.50	6.31
U-450	6.06	6.45	23.51	0.04	0.17
U-451	2.88	6.45	4.23	11.72	2.34
U-452	1.32	3.37	4.25	25.17	0.23
U-454	0.85	1.17	2.61	2.81	0.57
U-456	0.54	0.90	0.81	1.01	0.45
U-463	0.36	0.38	3.90	0.00	0.08
U-464	17.89	18.17	18.48	0.07	0.63
U-466	28.02	28.02	57.10	0.39	0.80
U-468	20.25	20.26	21.12	0.00	0.02
U-468-NEW	18.70	19.36	19.11	0.37	1.36
U-469	20.46	20.46	53.00	0.16	0.45
U-47	58.33	58.33	58.40	26.27	32.05
U-48	61.50	61.50	61.53	2.58	13.28
U-481	62.44	62.44	62.46	48.26	49.05
U-483	62.44	62.46	62.44	22.42	22.99
U-486	20.95	20.97	21.05	1.12	0.49
U-489	19.94	19.96	21.12	0.00	0.03
U-492	31.50	34.83	46.37	34.05	9.67
U-495	45.38	45.38	55.19	1.35	3.95
U-496	14.45	17.20	16.81	56.23	10.91
U-497	0.00	0.00	0.00	56.26	0.00
U-498	0.00	0.00	0.92	56.85	0.00
U-5	52.44	52.44	57.50	0.00	6.72
U-50	61.51	61.53	61.52	38.11	29.91
U-500	55.26	55.34	56.73	0.13	9.54
U-501	14.83	19.20	17.16	56.81	11.95
U-502	44.56	44.60	54.28	0.00	8.16
U-503	7.68	7.68	54.87	0.00	0.35
U-507	7.56	7.67	8.87	16.55	1.58
U-509	2.10	2.19	20.68	0.00	0.04
U-513	20.00	20.41	20.20	19.01	12.78
U-514	21.17	21.31	33.21	1.27	0.75
U-518-NEW	25.78	26.32	25.94	40.16	23.13
U-519-NEW	19.63	19.82	19.97	0.00	0.05
U-522	17.03	19.15	17.57	24.34	7.65
U-523	21.46	21.48	21.48	16.69	11.69
U-524-NEW	17.99	18.08	19.72	0.00	2.17
U-525	18.01	18.09	18.06	18.92	11.09
U-526	17.58	17.62	18.04	19.47	5.15
U-527	18.12	18.12	18.14	19.45	5.21
U-53	60.94	60.95	60.94	34.70	28.83
U-530	21.30	21.55	53.66	0.00	1.57
U-531	57.13	57.13	60.90	34.83	25.39
U-533	58.83	58.83	59.22	1.61	2.44
U-534-NEW	19.15	19.15	78.00	12.47	12.23
U-537	58.90	58.90	60.79	2.38	3.09
U-538	39.57	39.57	52.70	0.00	7.75
U-54	60.84	60.95	60.85	31.84	22.48
U-543	26.84	44.08	29.69	0.00	6.63
U-545	61.80	61.80	61.80	41.18	21.15
U-547	18.52	18.52	78.00	0.70	0.70
U-548	6.65	6.65	55.56	0.00	0.00
U-549	6.65	6.65	34.78	0.00	0.01
U-55	60.84	60.84	60.94	19.13	18.80
U-550	40.82	48.69	45.43	0.00	7.97
U-555	37.38	37.38	58.90	0.00	7.53
U-557	42.48	57.80	42.48	44.78	31.46
U-559	34.20	42.47	41.33	31.98	19.75
U-56	46.68	60.94	46.70	54.52	10.58
U-562	41.33	41.33	57.80	39.19	19.28
U-565	57.80	57.80	57.80	38.48	38.43
U-568	19.25	23.72	23.96	26.36	14.52
U-569	20.67	23.96	25.43	23.02	14.13

U-570	24.16	25.43	54.73	1.79	6.97
U-572	50.81	54.73	53.62	17.47	27.93
U-573	6.62	6.62	60.63	0.00	0.01
U-574	6.61	6.63	12.41	0.00	0.05
U-575	13.79	13.79	78.00	0.00	0.00
U-580	28.28	33.77	41.40	44.11	17.76
U-583	41.39	41.39	56.68	43.01	24.42
U-584	36.40	36.40	56.68	37.75	14.45
U-587	38.79	39.42	47.53	9.86	11.91
U-589	29.94	47.53	30.72	40.72	22.97
U-59	22.03	22.78	54.65	0.00	0.96
U-590	56.68	56.68	56.68	49.80	25.36
U-591	31.85	31.85	56.67	51.68	19.62
U-596	31.85	31.85	56.68	49.65	13.25
U-599	26.80	36.28	30.80	19.97	6.23
U-60	40.87	43.05	55.01	52.66	28.64
U-601	56.68	56.68	56.68	52.03	29.68
U-604	56.69	56.69	56.69	38.79	35.29
U-608	43.76	45.52	45.23	24.25	22.22
U-609	20.01	21.23	21.89	32.57	17.74
U-612	20.91	21.89	22.12	31.82	10.82
U-614	20.46	22.12	35.52	0.00	0.58
U-616	26.36	35.52	34.37	46.45	22.69
U-618	58.25	58.25	58.26	48.19	28.60
U-62	62.57	62.59	62.57	52.08	51.48
U-620	62.26	78.00	62.26	18.43	20.06
U-621	62.26	62.26	62.26	24.58	5.41
U-623	44.51	57.26	44.51	45.97	17.82
U-624	36.18	44.51	41.06	21.14	11.65
U-625	29.62	41.07	36.23	38.16	15.69
U-628	36.23	36.23	57.25	41.25	20.24
U-629	21.72	22.34	22.50	18.19	5.05
U-632	8.47	8.47	8.48	8.85	8.28
U-633	8.46	8.46	8.47	20.04	8.34
U-637	8.49	8.51	8.55	28.31	8.35
U-64	58.11	58.22	58.16	32.37	24.76
U-640	8.47	8.51	8.51	30.24	8.37
U-643	8.49	8.54	8.51	22.63	7.85
U-646	23.13	23.40	23.34	23.48	21.99
U-648	23.11	23.34	23.43	20.91	19.23
U-649	23.23	23.43	23.75	25.42	22.15
U-651	23.62	23.76	23.66	19.70	17.84
U-652	23.71	23.71	78.00	2.06	1.99
U-653	22.79	23.37	23.75	45.25	21.89
U-656	23.07	23.54	23.37	23.89	21.23
U-657	23.55	24.59	23.55	24.93	22.33
U-659-NEW	18.10	18.10	78.00	1.44	1.33
U-66	42.23	58.16	42.30	46.72	33.81
U-663	2.74	4.17	7.14	57.45	1.12
U-668	3.20	4.77	3.46	57.34	2.26
U-671	3.91	4.91	4.03	57.34	3.12
U-674	3.76	3.79	3.80	41.07	2.97
U-675	1.78	2.25	2.20	52.04	0.19
U-678	1.97	2.30	4.57	56.23	1.14
U-68	35.70	42.30	42.40	46.20	26.08
U-681	5.01	7.85	6.12	58.13	2.98
U-682	6.80	11.39	7.32	57.66	3.37
U-684	64.09	64.11	64.39	0.10	0.90
U-685	61.05	61.20	61.15	32.22	32.24
U-686	60.84	60.99	61.12	51.20	39.86
U-687	56.77	56.78	58.18	17.95	18.59
U-688	44.78	58.11	44.78	29.40	15.42
U-690	61.72	61.78	61.78	61.02	21.95
U-694	61.69	61.77	61.77	58.90	15.46
U-695	39.43	44.25	50.02	25.77	14.49
U-696	59.09	59.09	59.09	44.70	15.62
U-70	36.05	42.40	41.01	38.77	25.17
U-701	18.88	18.88	56.68	0.00	1.43
U-704	61.26	61.29	61.31	47.37	36.35
U-706	62.29	62.29	62.29	17.55	18.86
U-707	40.90	46.88	46.97	12.44	16.43
U-708	52.98	54.65	56.84	32.39	32.29
U-71	35.54	41.01	41.16	40.02	26.48
U-710	56.83	56.83	58.81	17.97	24.21
U-711	25.30	27.92	32.67	23.22	14.92
U-717	59.33	60.04	59.37	32.36	37.77
U-718	59.23	59.37	60.04	39.82	34.79
U-719	22.94	22.99	23.07	16.90	12.50
U-720	54.71	54.75	54.75	51.00	11.69
U-721-NEW	59.51	59.51	59.51	43.08	21.85

U-725	57.11	60.90	57.11	33.03	31.21
U-727	3.91	3.94	3.92	41.81	3.81
U-729	4.25	4.62	4.46	50.97	3.75
U-73	37.14	41.16	43.27	36.60	27.76
U-731	5.97	7.05	6.39	55.45	5.43
U-732	6.04	6.53	6.63	48.59	5.13
U-734	7.28	10.01	9.17	56.19	1.75
U-736	6.56	7.50	8.20	56.74	1.55
U-738	6.04	6.90	7.45	57.47	0.59
U-74	37.28	41.05	43.27	14.53	9.22
U-740	5.35	6.90	6.65	53.79	4.94
U-741	3.46	3.59	5.56	54.25	1.31
U-743	3.20	3.30	3.49	54.22	1.15
U-745	3.20	3.30	3.24	54.43	3.11
U-747	3.13	3.26	3.29	54.78	3.03
U-749	3.16	3.37	3.57	51.61	3.01
U-75	37.35	43.27	42.05	38.72	27.39
U-751	3.38	3.80	3.81	43.55	3.10
U-753	3.54	4.03	5.62	41.29	3.24
U-755	1.73	2.45	2.25	35.68	1.28
U-763	1.37	1.55	1.37	19.17	1.37
U-766	0.38	0.45	0.38	9.75	0.38
U-769	0.01	0.38	0.01	18.62	0.01
U-77	37.77	42.05	44.98	39.97	28.28
U-772	0.00	0.01	0.00	16.87	0.00
U-775	0.00	0.00	0.00	2.55	0.00
U-778	0.12	0.12	16.00	60.77	0.00
U-783	14.28	14.32	16.11	20.47	13.35
U-786	9.04	9.45	9.62	14.67	8.40
U-789	9.21	9.61	9.68	21.50	8.35
U-792	9.59	9.68	10.82	24.91	8.47
U-795	9.12	9.20	9.27	4.11	3.84
U-796	16.00	18.25	16.00	58.67	15.59
U-8	53.44	53.44	57.72	0.00	8.48
U-801	15.26	15.29	18.48	19.85	11.94
U-804	10.59	11.55	11.83	15.08	9.37
U-807	10.89	11.83	12.18	21.84	9.03
U-81	42.32	45.01	49.58	37.39	25.68
U-810	12.03	12.18	14.95	22.95	9.92
U-811	9.88	10.17	10.30	10.31	8.13
U-815	9.79	10.14	10.30	24.74	8.64
U-816	18.38	19.00	18.41	43.80	15.97
U-82	41.10	49.59	45.46	43.66	27.62
U-820	16.02	16.05	19.15	18.21	12.12
U-823	10.21	11.27	11.48	15.26	9.28
U-826	10.45	11.47	11.94	20.68	8.65
U-829	11.53	11.94	14.25	25.82	9.56
U-83	45.23	45.45	56.89	42.98	23.08
U-832	14.16	14.25	15.42	13.64	9.96
U-833	9.64	10.07	9.73	4.25	4.05
U-834-EAC	19.04	19.17	24.07	0.31	3.29
U-835	51.99	51.99	58.19	1.00	4.74
U-837	39.03	43.26	46.37	2.01	15.38
U-838	58.53	58.56	60.39	39.89	21.78
U-839	43.64	58.57	44.63	39.51	23.49
U-840	44.63	44.63	60.42	42.07	25.47
U-841	38.85	45.84	44.74	23.33	15.83
U-842	62.51	62.51	62.51	49.86	27.81
U-846	17.92	18.48	17.96	0.65	0.01
U-847	18.41	18.43	18.46	0.02	0.00
U-848	54.72	56.34	55.79	46.90	38.13
U-851	56.68	56.68	56.68	33.33	37.38
U-852	56.68	56.68	56.68	39.32	32.17
U-854	43.79	46.67	45.14	14.85	22.61
U-856	45.06	46.73	46.15	19.44	27.63
U-858	43.91	46.15	45.40	22.51	30.06
U-860	42.89	45.39	44.57	23.09	30.47
U-863	52.89	52.91	52.90	23.57	31.24
U-864	53.92	53.92	54.44	1.84	11.85
U-865	53.92	53.92	58.18	0.00	3.72
U-866	61.08	61.17	61.19	56.77	21.62
U-867	66.11	66.11	78.00	0.89	0.89
U-868	65.56	65.56	78.00	1.51	1.51
U-869	0.00	0.00	78.00	0.00	0.00
U-871	63.69	63.69	78.00	0.00	1.89
U-872	52.33	53.13	53.81	0.71	13.32
U-874-NEW	12.12	12.12	77.99	4.35	4.16
U-875	10.18	10.18	56.41	6.18	0.00
U-878	8.49	10.48	10.04	48.48	7.93
U-879	9.14	10.04	18.30	53.99	8.24

U-88	26.62	32.40	34.50	33.54	15.75
U-880	11.59	12.06	17.19	0.00	1.24
U-885	56.41	56.44	56.41	57.43	53.70
U-90	27.06	33.25	34.50	38.09	10.04
U-91	56.79	57.20	57.09	45.79	15.97
U-92	19.61	20.52	20.04	15.83	8.22
U-96	28.57	36.27	34.33	37.02	8.94
U-97	56.47	57.00	57.05	43.95	22.99
U-98	57.02	57.30	57.26	23.87	24.62
U-99	30.90	38.51	36.20	35.05	19.19

****
Pumping Summary
****

Pump	Percent Utilized	Number of Start-Ups	Min Flow CFS	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal	Power Usage Kw-hr	% Time Off Pump Curve Low	% Time Off Pump Curve High
PS-HC1-LAG	11.62	538	8.00	8.00	8.00	1.953	79.36	0.0	100.0
PS-HC1-LEAD	11.62	538	8.00	8.00	8.00	1.953	79.36	0.0	100.0

Analysis begun on: Tue Nov 17 19:00:37 2015
Analysis ended on: Tue Nov 17 19:10:35 2015
Total elapsed time: 00:09:58

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    US-EPA Storm Water Management Model - Version 5.1 (Build 5.1.007)
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-101
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-103
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-105
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-107
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-109
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-111
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-113
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-115
Warning 03: negative offset -1.060 ignored for Link CDT-121
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-123
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-125
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-173
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-175
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-177
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-181
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-183
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-185
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-187
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-189
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-191
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-193
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-195
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-197
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-199
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-201
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-205
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-207
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-209
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-211
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-213
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-215
Warning 03: negative offset -0.500 ignored for Link CDT-217
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-219
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-221
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-223
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-225
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-227
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-229
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-231
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-233
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-235
Warning 03: negative offset -1.200 ignored for Link CDT-237
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-239
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-241
Warning 03: negative offset -1.200 ignored for Link CDT-243
Warning 03: negative offset -1.200 ignored for Link CDT-245
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-247
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-249
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-251
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-253
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-255
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-257
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-259
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-261
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-263
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-275
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-281
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-283
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-289
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-291
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-295
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-297
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-299
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-439
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-493
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-495
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-525
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-87
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-91
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-93
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-95
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-97
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-99
Warning 04: minimum elevation drop 0.001 used for Conduit J-963_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J561_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J575_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J920_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit LINK-WELL-2
Warning 04: minimum elevation drop 0.001 used for Conduit U-1
Warning 04: minimum elevation drop 0.001 used for Conduit U-100
Warning 04: minimum elevation drop 0.001 used for Conduit U-101
Warning 04: minimum elevation drop 0.001 used for Conduit U-102
Warning 04: minimum elevation drop 0.001 used for Conduit U-103
Warning 04: minimum elevation drop 0.001 used for Conduit U-104
Warning 04: minimum elevation drop 0.001 used for Conduit U-105
Warning 04: minimum elevation drop 0.001 used for Conduit U-11
Warning 04: minimum elevation drop 0.001 used for Conduit U-110
Warning 04: minimum elevation drop 0.001 used for Conduit U-112
Warning 04: minimum elevation drop 0.001 used for Conduit U-113
Warning 04: minimum elevation drop 0.001 used for Conduit U-114
Warning 04: minimum elevation drop 0.001 used for Conduit U-118
Warning 04: minimum elevation drop 0.001 used for Conduit U-121
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Warning 04: minimum elevation drop 0.001 used for Conduit U-13
Warning 04: minimum elevation drop 0.001 used for Conduit U-131
Warning 04: minimum elevation drop 0.001 used for Conduit U-141
Warning 04: minimum elevation drop 0.001 used for Conduit U-142
Warning 04: minimum elevation drop 0.001 used for Conduit U-147
Warning 03: negative offset -0.500 ignored for Link U-15
Warning 04: minimum elevation drop 0.001 used for Conduit U-150
Warning 04: minimum elevation drop 0.001 used for Conduit U-153
Warning 04: minimum elevation drop 0.001 used for Conduit U-155
Warning 04: minimum elevation drop 0.001 used for Conduit U-156
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Warning 04: minimum elevation drop 0.001 used for Conduit U-201
Warning 04: minimum elevation drop 0.001 used for Conduit U-202
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Warning 04: minimum elevation drop 0.001 used for Conduit U-233
Warning 04: minimum elevation drop 0.001 used for Conduit U-237
Warning 04: minimum elevation drop 0.001 used for Conduit U-239
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Warning 04: minimum elevation drop 0.001 used for Conduit U-240
Warning 04: minimum elevation drop 0.001 used for Conduit U-242
Warning 04: minimum elevation drop 0.001 used for Conduit U-244
Warning 04: minimum elevation drop 0.001 used for Conduit U-245
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Warning 04: minimum elevation drop 0.001 used for Conduit U-25
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Warning 04: minimum elevation drop 0.001 used for Conduit U-259
Warning 04: minimum elevation drop 0.001 used for Conduit U-26
Warning 04: minimum elevation drop 0.001 used for Conduit U-260
Warning 04: minimum elevation drop 0.001 used for Conduit U-261
Warning 04: minimum elevation drop 0.001 used for Conduit U-262-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-267
Warning 04: minimum elevation drop 0.001 used for Conduit U-270
Warning 04: minimum elevation drop 0.001 used for Conduit U-271
Warning 04: minimum elevation drop 0.001 used for Conduit U-274
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Warning 04: minimum elevation drop 0.001 used for Conduit U-280
Warning 04: minimum elevation drop 0.001 used for Conduit U-286
Warning 04: minimum elevation drop 0.001 used for Conduit U-289
Warning 04: minimum elevation drop 0.001 used for Conduit U-29
Warning 04: minimum elevation drop 0.001 used for Conduit U-290
Warning 04: minimum elevation drop 0.001 used for Conduit U-291
Warning 04: minimum elevation drop 0.001 used for Conduit U-293
Warning 04: minimum elevation drop 0.001 used for Conduit U-294
Warning 04: minimum elevation drop 0.001 used for Conduit U-295
Warning 04: minimum elevation drop 0.001 used for Conduit U-298
Warning 04: minimum elevation drop 0.001 used for Conduit U-299
Warning 04: minimum elevation drop 0.001 used for Conduit U-300
Warning 04: minimum elevation drop 0.001 used for Conduit U-304
Warning 04: minimum elevation drop 0.001 used for Conduit U-308
Warning 04: minimum elevation drop 0.001 used for Conduit U-308A
Warning 04: minimum elevation drop 0.001 used for Conduit U-309
Warning 04: minimum elevation drop 0.001 used for Conduit U-312
Warning 04: minimum elevation drop 0.001 used for Conduit U-315
Warning 04: minimum elevation drop 0.001 used for Conduit U-316
Warning 04: minimum elevation drop 0.001 used for Conduit U-319
Warning 04: minimum elevation drop 0.001 used for Conduit U-322
Warning 04: minimum elevation drop 0.001 used for Conduit U-325
Warning 04: minimum elevation drop 0.001 used for Conduit U-327
Warning 04: minimum elevation drop 0.001 used for Conduit U-328
Warning 03: negative offset -1.000 ignored for Link U-330
Warning 03: negative offset -1.000 ignored for Link U-332
Warning 04: minimum elevation drop 0.001 used for Conduit U-335
Warning 04: minimum elevation drop 0.001 used for Conduit U-34
Warning 04: minimum elevation drop 0.001 used for Conduit U-341
Warning 04: minimum elevation drop 0.001 used for Conduit U-344
Warning 04: minimum elevation drop 0.001 used for Conduit U-346
Warning 04: minimum elevation drop 0.001 used for Conduit U-347
Warning 04: minimum elevation drop 0.001 used for Conduit U-348
Warning 04: minimum elevation drop 0.001 used for Conduit U-35
Warning 04: minimum elevation drop 0.001 used for Conduit U-351
Warning 04: minimum elevation drop 0.001 used for Conduit U-352
Warning 04: minimum elevation drop 0.001 used for Conduit U-353
Warning 04: minimum elevation drop 0.001 used for Conduit U-354
Warning 04: minimum elevation drop 0.001 used for Conduit U-357
Warning 04: minimum elevation drop 0.001 used for Conduit U-358
Warning 04: minimum elevation drop 0.001 used for Conduit U-364
Warning 04: minimum elevation drop 0.001 used for Conduit U-364A
Warning 04: minimum elevation drop 0.001 used for Conduit U-366
Warning 04: minimum elevation drop 0.001 used for Conduit U-37
Warning 04: minimum elevation drop 0.001 used for Conduit U-372
Warning 04: minimum elevation drop 0.001 used for Conduit U-373
Warning 04: minimum elevation drop 0.001 used for Conduit U-379
Warning 04: minimum elevation drop 0.001 used for Conduit U-38
Warning 04: minimum elevation drop 0.001 used for Conduit U-382
Warning 04: minimum elevation drop 0.001 used for Conduit U-385
Warning 04: minimum elevation drop 0.001 used for Conduit U-386
Warning 04: minimum elevation drop 0.001 used for Conduit U-388
Warning 04: minimum elevation drop 0.001 used for Conduit U-390
Warning 03: negative offset -1.000 ignored for Link U-391
Warning 03: negative offset -0.500 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-394
Warning 04: minimum elevation drop 0.001 used for Conduit U-397
Warning 04: minimum elevation drop 0.001 used for Conduit U-398
```

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Warning 04: minimum elevation drop 0.001 used for Conduit U-399
Warning 04: minimum elevation drop 0.001 used for Conduit U-402
Warning 04: minimum elevation drop 0.001 used for Conduit U-404
Warning 04: minimum elevation drop 0.001 used for Conduit U-406
Warning 04: minimum elevation drop 0.001 used for Conduit U-407
Warning 03: negative offset -0.030 ignored for Link U-408
Warning 03: negative offset -0.030 ignored for Link U-409
Warning 04: minimum elevation drop 0.001 used for Conduit U-411
Warning 04: minimum elevation drop 0.001 used for Conduit U-412
Warning 04: minimum elevation drop 0.001 used for Conduit U-413
Warning 04: minimum elevation drop 0.001 used for Conduit U-414
Warning 04: minimum elevation drop 0.001 used for Conduit U-415
Warning 04: minimum elevation drop 0.001 used for Conduit U-416
Warning 04: minimum elevation drop 0.001 used for Conduit U-417
Warning 04: minimum elevation drop 0.001 used for Conduit U-418
Warning 03: negative offset -1.060 ignored for Link U-419
Warning 04: minimum elevation drop 0.001 used for Conduit U-420
Warning 04: minimum elevation drop 0.001 used for Conduit U-421
Warning 04: minimum elevation drop 0.001 used for Conduit U-423
Warning 04: minimum elevation drop 0.001 used for Conduit U-428
Warning 04: minimum elevation drop 0.001 used for Conduit U-430
Warning 04: minimum elevation drop 0.001 used for Conduit U-434
Warning 04: minimum elevation drop 0.001 used for Conduit U-437
Warning 04: minimum elevation drop 0.001 used for Conduit U-439
Warning 04: minimum elevation drop 0.001 used for Conduit U-48
Warning 04: minimum elevation drop 0.001 used for Conduit U-481
Warning 04: minimum elevation drop 0.001 used for Conduit U-483
Warning 04: minimum elevation drop 0.001 used for Conduit U-496
Warning 04: minimum elevation drop 0.001 used for Conduit U-497
Warning 04: minimum elevation drop 0.001 used for Conduit U-498
Warning 04: minimum elevation drop 0.001 used for Conduit U-50
Warning 04: minimum elevation drop 0.001 used for Conduit U-501
Warning 04: minimum elevation drop 0.001 used for Conduit U-513
Warning 04: minimum elevation drop 0.001 used for Conduit U-518-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-522
Warning 04: minimum elevation drop 0.001 used for Conduit U-523
Warning 04: minimum elevation drop 0.001 used for Conduit U-525
Warning 04: minimum elevation drop 0.001 used for Conduit U-526
Warning 04: minimum elevation drop 0.001 used for Conduit U-527
Warning 04: minimum elevation drop 0.001 used for Conduit U-53
Warning 04: minimum elevation drop 0.001 used for Conduit U-531
Warning 04: minimum elevation drop 0.001 used for Conduit U-534-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-54
Warning 04: minimum elevation drop 0.001 used for Conduit U-545
Warning 04: minimum elevation drop 0.001 used for Conduit U-55
Warning 04: minimum elevation drop 0.001 used for Conduit U-557
Warning 04: minimum elevation drop 0.001 used for Conduit U-559
Warning 04: minimum elevation drop 0.001 used for Conduit U-56
Warning 04: minimum elevation drop 0.001 used for Conduit U-562
Warning 04: minimum elevation drop 0.001 used for Conduit U-565
Warning 04: minimum elevation drop 0.001 used for Conduit U-568
Warning 04: minimum elevation drop 0.001 used for Conduit U-569
Warning 04: minimum elevation drop 0.001 used for Conduit U-572
Warning 04: minimum elevation drop 0.001 used for Conduit U-580
Warning 04: minimum elevation drop 0.001 used for Conduit U-583
Warning 04: minimum elevation drop 0.001 used for Conduit U-584
Warning 04: minimum elevation drop 0.001 used for Conduit U-587
Warning 04: minimum elevation drop 0.001 used for Conduit U-589
Warning 04: minimum elevation drop 0.001 used for Conduit U-590
Warning 04: minimum elevation drop 0.001 used for Conduit U-591
Warning 04: minimum elevation drop 0.001 used for Conduit U-596
Warning 04: minimum elevation drop 0.001 used for Conduit U-599
Warning 04: minimum elevation drop 0.001 used for Conduit U-60
Warning 04: minimum elevation drop 0.001 used for Conduit U-601
Warning 04: minimum elevation drop 0.001 used for Conduit U-604
Warning 04: minimum elevation drop 0.001 used for Conduit U-608
Warning 04: minimum elevation drop 0.001 used for Conduit U-609
Warning 04: minimum elevation drop 0.001 used for Conduit U-612
Warning 03: negative offset -1.000 ignored for Link U-614
Warning 04: minimum elevation drop 0.001 used for Conduit U-616
Warning 04: minimum elevation drop 0.001 used for Conduit U-618
Warning 04: minimum elevation drop 0.001 used for Conduit U-62
Warning 04: minimum elevation drop 0.001 used for Conduit U-621
Warning 04: minimum elevation drop 0.001 used for Conduit U-623
Warning 04: minimum elevation drop 0.001 used for Conduit U-624
Warning 04: minimum elevation drop 0.001 used for Conduit U-625
Warning 04: minimum elevation drop 0.001 used for Conduit U-628
Warning 04: minimum elevation drop 0.001 used for Conduit U-629
Warning 04: minimum elevation drop 0.001 used for Conduit U-632
Warning 03: negative offset -1.000 ignored for Link U-633
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Warning 03: negative offset -1.000 ignored for Link U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-637
Warning 04: minimum elevation drop 0.001 used for Conduit U-64
Warning 04: minimum elevation drop 0.001 used for Conduit U-640
Warning 04: minimum elevation drop 0.001 used for Conduit U-643
Warning 04: minimum elevation drop 0.001 used for Conduit U-646
Warning 04: minimum elevation drop 0.001 used for Conduit U-648
Warning 04: minimum elevation drop 0.001 used for Conduit U-649
Warning 04: minimum elevation drop 0.001 used for Conduit U-651
Warning 04: minimum elevation drop 0.001 used for Conduit U-652
Warning 04: minimum elevation drop 0.001 used for Conduit U-653
Warning 04: minimum elevation drop 0.001 used for Conduit U-656
Warning 04: minimum elevation drop 0.001 used for Conduit U-657
Warning 04: minimum elevation drop 0.001 used for Conduit U-659-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-66
Warning 04: minimum elevation drop 0.001 used for Conduit U-663
Warning 04: minimum elevation drop 0.001 used for Conduit U-668
Warning 04: minimum elevation drop 0.001 used for Conduit U-671
Warning 04: minimum elevation drop 0.001 used for Conduit U-674
Warning 04: minimum elevation drop 0.001 used for Conduit U-675
Warning 04: minimum elevation drop 0.001 used for Conduit U-678
Warning 04: minimum elevation drop 0.001 used for Conduit U-68
Warning 04: minimum elevation drop 0.001 used for Conduit U-681
Warning 04: minimum elevation drop 0.001 used for Conduit U-682
Warning 04: minimum elevation drop 0.001 used for Conduit U-685
Warning 04: minimum elevation drop 0.001 used for Conduit U-686
Warning 04: minimum elevation drop 0.001 used for Conduit U-687
Warning 04: minimum elevation drop 0.001 used for Conduit U-688
Warning 04: minimum elevation drop 0.001 used for Conduit U-690
Warning 04: minimum elevation drop 0.001 used for Conduit U-694
Warning 04: minimum elevation drop 0.001 used for Conduit U-695
Warning 04: minimum elevation drop 0.001 used for Conduit U-696
Warning 04: minimum elevation drop 0.001 used for Conduit U-70
Warning 04: minimum elevation drop 0.001 used for Conduit U-704
Warning 04: minimum elevation drop 0.001 used for Conduit U-706
Warning 04: minimum elevation drop 0.001 used for Conduit U-707
Warning 04: minimum elevation drop 0.001 used for Conduit U-708
Warning 04: minimum elevation drop 0.001 used for Conduit U-71
Warning 04: minimum elevation drop 0.001 used for Conduit U-710
Warning 04: minimum elevation drop 0.001 used for Conduit U-711
Warning 04: minimum elevation drop 0.001 used for Conduit U-717
Warning 04: minimum elevation drop 0.001 used for Conduit U-718
Warning 04: minimum elevation drop 0.001 used for Conduit U-719
Warning 04: minimum elevation drop 0.001 used for Conduit U-720
Warning 04: minimum elevation drop 0.001 used for Conduit U-721-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-725
Warning 04: minimum elevation drop 0.001 used for Conduit U-727
Warning 04: minimum elevation drop 0.001 used for Conduit U-729
Warning 04: minimum elevation drop 0.001 used for Conduit U-73
Warning 04: minimum elevation drop 0.001 used for Conduit U-731
Warning 04: minimum elevation drop 0.001 used for Conduit U-732
Warning 04: minimum elevation drop 0.001 used for Conduit U-734
Warning 04: minimum elevation drop 0.001 used for Conduit U-736
Warning 04: minimum elevation drop 0.001 used for Conduit U-738
Warning 04: minimum elevation drop 0.001 used for Conduit U-74
Warning 04: minimum elevation drop 0.001 used for Conduit U-740
Warning 04: minimum elevation drop 0.001 used for Conduit U-741
Warning 04: minimum elevation drop 0.001 used for Conduit U-743
Warning 04: minimum elevation drop 0.001 used for Conduit U-745
Warning 04: minimum elevation drop 0.001 used for Conduit U-747
Warning 04: minimum elevation drop 0.001 used for Conduit U-749
Warning 04: minimum elevation drop 0.001 used for Conduit U-75
Warning 04: minimum elevation drop 0.001 used for Conduit U-751
Warning 04: minimum elevation drop 0.001 used for Conduit U-753
Warning 04: minimum elevation drop 0.001 used for Conduit U-755
Warning 04: minimum elevation drop 0.001 used for Conduit U-763
Warning 04: minimum elevation drop 0.001 used for Conduit U-766
Warning 04: minimum elevation drop 0.001 used for Conduit U-769
Warning 04: minimum elevation drop 0.001 used for Conduit U-77
Warning 04: minimum elevation drop 0.001 used for Conduit U-772
Warning 04: minimum elevation drop 0.001 used for Conduit U-775
Warning 04: minimum elevation drop 0.001 used for Conduit U-778
Warning 04: minimum elevation drop 0.001 used for Conduit U-783
Warning 04: minimum elevation drop 0.001 used for Conduit U-786
Warning 04: minimum elevation drop 0.001 used for Conduit U-789
Warning 04: minimum elevation drop 0.001 used for Conduit U-792
Warning 04: minimum elevation drop 0.001 used for Conduit U-795
Warning 04: minimum elevation drop 0.001 used for Conduit U-796
Warning 04: minimum elevation drop 0.001 used for Conduit U-801
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Warning 04: minimum elevation drop 0.001 used for Conduit U-804
Warning 04: minimum elevation drop 0.001 used for Conduit U-807
Warning 04: minimum elevation drop 0.001 used for Conduit U-81
Warning 04: minimum elevation drop 0.001 used for Conduit U-810
Warning 04: minimum elevation drop 0.001 used for Conduit U-811
Warning 04: minimum elevation drop 0.001 used for Conduit U-815
Warning 04: minimum elevation drop 0.001 used for Conduit U-816
Warning 04: minimum elevation drop 0.001 used for Conduit U-82
Warning 04: minimum elevation drop 0.001 used for Conduit U-820
Warning 04: minimum elevation drop 0.001 used for Conduit U-823
Warning 04: minimum elevation drop 0.001 used for Conduit U-826
Warning 04: minimum elevation drop 0.001 used for Conduit U-829
Warning 04: minimum elevation drop 0.001 used for Conduit U-83
Warning 04: minimum elevation drop 0.001 used for Conduit U-832
Warning 04: minimum elevation drop 0.001 used for Conduit U-833
Warning 04: minimum elevation drop 0.001 used for Conduit U-834-EAC
Warning 03: negative offset -0.388 ignored for Link U-835
Warning 03: negative offset -1.200 ignored for Link U-835
Warning 04: minimum elevation drop 0.001 used for Conduit U-838
Warning 04: minimum elevation drop 0.001 used for Conduit U-839
Warning 04: minimum elevation drop 0.001 used for Conduit U-840
Warning 04: minimum elevation drop 0.001 used for Conduit U-841
Warning 04: minimum elevation drop 0.001 used for Conduit U-842
Warning 04: minimum elevation drop 0.001 used for Conduit U-848
Warning 04: minimum elevation drop 0.001 used for Conduit U-851
Warning 04: minimum elevation drop 0.001 used for Conduit U-852
Warning 04: minimum elevation drop 0.001 used for Conduit U-854
Warning 04: minimum elevation drop 0.001 used for Conduit U-856
Warning 04: minimum elevation drop 0.001 used for Conduit U-858
Warning 04: minimum elevation drop 0.001 used for Conduit U-860
Warning 04: minimum elevation drop 0.001 used for Conduit U-863
Warning 03: negative offset -0.298 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-865
Warning 04: minimum elevation drop 0.001 used for Conduit U-866
Warning 03: negative offset -0.060 ignored for Link U-869
Warning 04: minimum elevation drop 0.001 used for Conduit U-872
Warning 04: minimum elevation drop 0.001 used for Conduit U-874-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-878
Warning 04: minimum elevation drop 0.001 used for Conduit U-879
Warning 04: minimum elevation drop 0.001 used for Conduit U-88
Warning 04: minimum elevation drop 0.001 used for Conduit U-885
Warning 04: minimum elevation drop 0.001 used for Conduit U-90
Warning 04: minimum elevation drop 0.001 used for Conduit U-91
Warning 04: minimum elevation drop 0.001 used for Conduit U-92
Warning 04: minimum elevation drop 0.001 used for Conduit U-96
Warning 04: minimum elevation drop 0.001 used for Conduit U-97
Warning 04: minimum elevation drop 0.001 used for Conduit U-98
Warning 04: minimum elevation drop 0.001 used for Conduit U-99
  WARNING 10: crest elevation is below downstream invert for regulator Link WEIR-63
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-19
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-21
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-23
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-25
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-27
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-29
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-31
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-33
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-35
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-37
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-39
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-41
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-43
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-45
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-49
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-51
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-53
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-55
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-57
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-59
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-61
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-63
  WARNING 10: crest elevation is below downstream invert for regulator Link J33A_OUTFALL
  WARNING 10: crest elevation is below downstream invert for regulator Link U-331
  WARNING 10: crest elevation is below downstream invert for regulator Link W-ENID-DRIVE
  WARNING 10: crest elevation is below downstream invert for regulator Link WELL-W-MCINTYRE
Warning 02: maximum depth 10.000 increased for Node J-180A
Warning 02: maximum depth 10.000 increased for Node J-195A
Warning 02: maximum depth 10.000 increased for Node J-223A
Warning 02: maximum depth 8.950 increased for Node J-268
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Warning 02: maximum depth 8.950 increased for Node J-284
Warning 02: maximum depth 9.500 increased for Node J-355A
Warning 02: maximum depth 8.950 increased for Node J-444-WEIR
Warning 02: maximum depth 7.950 increased for Node J-692-WEIR
Warning 02: maximum depth 10.000 increased for Node J-745A
Warning 02: maximum depth 10.000 increased for Node J-748A
Warning 02: maximum depth 10.000 increased for Node J-750A
Warning 02: maximum depth 9.500 increased for Node J-902

  ************************************************************
    NOTE: The summary statistics displayed in this report are
    based on results found at every computational time step,
    not just on results from each reporting time step.
  ************************************************************

  ********************
    Analysis Options
  ********************
  Flow Units ............... CFS
  Process Models:
    Rainfall/Runoff ........ YES
    RDII ................... NO
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Ponding Allowed ........ YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ JAN-01-2002 00:00:00
  Ending Date .............. JAN-04-2002 06:00:00
  Antecedent Dry Days ...... 5.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 00:05:00
  Routing Time Step ........ 4.00 sec
  Variable Time Step ....... YES
  Maximum Trials ........... 5
  Head Tolerance ........... 1.000000 ft


  *************************        Volume         Depth
  Runoff Quantity Continuity     acre-feet        inches
  *************************     ---------       -------
  Total Precipitation ......       373.653        10.870
  Evaporation Loss .........         0.000         0.000
  Infiltration Loss ........        50.101         1.458
  Surface Runoff ...........       264.992         7.709
  Final Surface Storage ....        58.744         1.709
  Continuity Error (%) .....        -0.049


  *************************        Volume        Volume
  Flow Routing Continuity        acre-feet      10^6 gal
  *************************     ---------     ---------
  Dry Weather Inflow .......         0.000         0.000
  Wet Weather Inflow .......       264.560        86.211
  Groundwater Inflow .......         0.000         0.000
  RDII Inflow ..............         0.000         0.000
  External Inflow ..........         0.000         0.000
  External Outflow .........       233.630        76.132
  Internal Outflow .........         0.000         0.000
  Evaporation Loss .........         0.000         0.000
  Exfiltration Loss ........         0.000         0.000
  Initial Stored Volume ....         0.033         0.011
  Final Stored Volume ......        33.425        10.892
  Continuity Error (%) .....        -0.930


  ****************************
    Highest Continuity Errors
  ****************************
  Node JCT-26-WEIR                        -184.53%    -1.4330
  Node J-566-WEIR                         -116.94%    -2.1808
  Node J-444-WEIR                          -61.21%    -1.2283
  Node J-268-WEIR                          -50.22%    -0.3246
  Node J-884                               -37.83%    -1.0540
  Node J-185A                              -27.05%    -0.1786
  Node J-792                               -24.74%    -0.2156
  Node J-618                                23.06%     0.1497
```

```
Node J-59A                                22.25%     0.1449
Node J-468                                21.65%     0.0966
Node J-632                                21.23%     0.1317
Node J-82                                 21.14%     0.2226
Node J-748-WEIR-STANTEC                  -20.42%    -0.4388
Node J-54A                                19.52%     0.1289
Node J-261-WEIR                          -19.41%    -0.4477
Node J-953                               -17.90%    -0.5605
Node J-174                                17.74%     0.0686
Node J-902                               -17.41%    -0.3298
Node J-481                               -17.22%    -0.7113
Node J-40C                               -17.18%    -0.1204
                                                    -8.2804 Mgal


*******************************
  Time-Step Critical Elements
*******************************
Link U-346 (9.55%)
Link U-300 (5.10%)
Link U-262-NEW (4.36%)
Link U-682 (3.90%)
Link U-155 (3.51%)
Link U-837 (3.39%)
Link U-193 (3.30%)
Link U-308A (3.18%)
Link U-295 (2.44%)
Link U-199 (2.28%)
Link U-231 (2.27%)
Link U-293 (1.83%)
Link U-599 (1.82%)
Link U-732 (1.73%)
Link U-587 (1.53%)
Link U-298 (1.50%)
Link U-496 (1.44%)
Link U-197 (1.39%)
Link U-25 (1.36%)
Link U-195 (1.35%)


***********************************
  Highest Flow Instability Indexes
***********************************
Link WEIR-53 (101)
Link U-221 (79)
Link U-725 (66)
Link WA-4-NEW (63)
Link U-572 (62)
Link U-11 (61)
Link U-386 (60)
Link U-25 (60)
Link U-407 (59)
Link U-112 (58)
Link U-392 (57)
Link U-841 (56)
Link U-688 (54)
Link U-717 (54)
Link U-531 (53)
Link U-15 (53)
Link U-204 (52)
Link U-550 (52)
Link U-242 (51)
Link U-685 (50)

*****************************
  Routing Time Step Summary
*****************************
Minimum Time Step           :     0.10 sec
Average Time Step           :     0.98 sec
Maximum Time Step           :     4.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     4.62
Percent Not Converging      :    81.00
Total Steps                 :   285747
Total Iterations            :  1320265
```

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
SUB-11856	10.87	0.00	0.00	1.41	8.29	0.42	4.85	0.763
SUB-11868	10.87	0.00	0.00	0.90	7.75	0.52	4.63	0.713
SUB-11924	10.87	0.00	0.00	1.60	8.09	0.62	7.22	0.744
SUB-11926	10.87	0.00	0.00	1.60	7.20	1.34	12.28	0.662
SUB-11930	10.87	0.00	0.00	1.60	8.13	0.45	5.20	0.748
SUB-11932	10.87	0.00	0.00	2.05	8.38	0.34	4.35	0.771
SUB-11936	10.87	0.00	0.00	1.16	7.41	0.29	2.93	0.681
SUB-11944	10.87	0.00	0.00	1.60	8.19	0.80	9.49	0.753
SUB-11948	10.87	0.00	0.00	1.60	7.98	0.72	8.07	0.734
SUB-11950	10.87	0.00	0.00	1.28	7.91	0.32	3.42	0.728
SUB-11954	10.87	0.00	0.00	1.60	8.51	0.35	4.45	0.783
SUB-11958	10.87	0.00	0.00	1.60	7.73	0.78	8.30	0.711
SUB-11968	10.87	0.00	0.00	2.07	8.41	0.52	6.80	0.773
SUB-11970	10.87	0.00	0.00	1.41	7.95	0.41	4.60	0.732
SUB-11972	10.87	0.00	0.00	1.60	8.16	0.64	7.52	0.751
SUB-11978	10.87	0.00	0.00	1.60	8.29	0.61	7.36	0.763
SUB-11984	10.87	0.00	0.00	1.60	7.96	0.50	5.60	0.732
SUB-11986	10.87	0.00	0.00	1.53	7.78	0.50	5.39	0.716
SUB-11988	10.87	0.00	0.00	1.57	7.90	0.95	10.52	0.727
SUB-11990	10.87	0.00	0.00	1.60	8.38	0.44	5.40	0.771
SUB-11994	10.87	0.00	0.00	1.60	8.53	0.41	5.28	0.784
SUB-11998	10.87	0.00	0.00	1.60	7.71	0.89	9.35	0.709
SUB-12004	10.87	0.00	0.00	1.60	8.46	0.38	4.79	0.778
SUB-12010	10.87	0.00	0.00	1.60	8.46	0.34	4.23	0.778
SUB-12014	10.87	0.00	0.00	0.90	7.84	0.21	1.90	0.721
SUB-12016	10.87	0.00	0.00	1.60	8.24	0.61	7.35	0.758
SUB-12024	10.87	0.00	0.00	1.58	8.00	0.46	5.17	0.736
SUB-12036	10.87	0.00	0.00	1.57	8.12	0.50	5.83	0.747
SUB-12044	10.87	0.00	0.00	0.90	7.83	0.48	4.32	0.721
SUB-12046	10.87	0.00	0.00	1.60	8.11	0.48	5.56	0.746
SUB-12048	10.87	0.00	0.00	1.46	8.61	0.29	3.60	0.792
SUB-12052	10.87	0.00	0.00	1.59	8.41	0.71	8.86	0.773
SUB-12060	10.87	0.00	0.00	1.60	7.98	0.45	5.06	0.734
SUB-12062	10.87	0.00	0.00	1.60	7.79	0.30	3.20	0.717
SUB-12068	10.87	0.00	0.00	1.59	8.32	0.30	3.69	0.766
SUB-12072	10.87	0.00	0.00	1.60	7.55	1.32	13.32	0.695
SUB-12084	10.87	0.00	0.00	1.60	8.03	0.87	9.93	0.738
SUB-12086	10.87	0.00	0.00	1.60	8.13	0.95	11.14	0.748
SUB-12088	10.87	0.00	0.00	1.60	8.02	0.76	8.69	0.738
SUB-12100	10.87	0.00	0.00	1.60	7.56	0.71	7.24	0.695
SUB-12110	10.87	0.00	0.00	1.60	8.00	0.32	3.64	0.736
SUB-12112	10.87	0.00	0.00	1.60	7.71	0.55	5.81	0.709
SUB-12116	10.87	0.00	0.00	1.60	7.76	0.50	5.36	0.714
SUB-12122	10.87	0.00	0.00	1.60	8.74	0.05	0.62	0.804
SUB-12128	10.87	0.00	0.00	1.60	7.91	0.38	4.25	0.728
SUB-12132	10.87	0.00	0.00	1.60	7.63	0.63	6.54	0.702
SUB-12136	10.87	0.00	0.00	1.60	7.74	0.52	5.54	0.712
SUB-12138	10.87	0.00	0.00	1.60	7.86	0.42	4.61	0.723
SUB-12142	10.87	0.00	0.00	1.60	7.34	1.02	9.74	0.676
SUB-12144	10.87	0.00	0.00	1.60	7.26	1.17	10.93	0.668
SUB-12150	10.87	0.00	0.00	1.60	8.20	0.48	5.76	0.755
SUB-12152	10.87	0.00	0.00	1.60	7.88	0.75	8.27	0.725
SUB-12154	10.87	0.00	0.00	1.60	7.72	1.24	13.08	0.710
SUB-12158	10.87	0.00	0.00	1.60	8.21	0.41	4.92	0.756
SUB-12160	10.87	0.00	0.00	1.60	8.31	0.84	10.27	0.765
SUB-12162	10.87	0.00	0.00	1.60	8.27	0.62	7.53	0.761
SUB-12164	10.87	0.00	0.00	1.60	8.17	0.49	5.79	0.751
SUB-12166	10.87	0.00	0.00	1.60	7.91	0.32	3.55	0.728
SUB-12168	10.87	0.00	0.00	1.60	8.07	0.46	5.30	0.743
SUB-12170	10.87	0.00	0.00	1.60	8.89	0.14	1.98	0.818
SUB-12172	10.87	0.00	0.00	1.60	8.59	0.26	3.41	0.791
SUB-12174	10.87	0.00	0.00	1.60	8.23	0.59	7.02	0.757
SUB-12176	10.87	0.00	0.00	1.60	8.26	0.38	4.63	0.760
SUB-12180	10.87	0.00	0.00	1.60	8.15	0.54	6.31	0.750
SUB-12182	10.87	0.00	0.00	1.60	8.13	0.25	2.92	0.748
SUB-12184	10.87	0.00	0.00	1.60	8.42	0.13	1.58	0.775
SUB-12186	10.87	0.00	0.00	1.60	7.94	0.36	4.04	0.731
SUB-12188	10.87	0.00	0.00	1.60	7.67	0.59	6.15	0.706
SUB-12190	10.87	0.00	0.00	1.60	7.84	0.44	4.79	0.721
SUB-12192	10.87	0.00	0.00	1.60	7.68	0.58	6.04	0.707
SUB-12194	10.87	0.00	0.00	1.60	8.29	0.32	3.85	0.762

SUB-12196	10.87	0.00	0.00	1.60	7.85	0.35	3.87	0.722
SUB-12198	10.87	0.00	0.00	1.60	8.11	0.40	4.62	0.746
SUB-12200	10.87	0.00	0.00	1.60	7.95	0.36	4.01	0.731
SUB-12202	10.87	0.00	0.00	1.60	7.67	0.59	6.17	0.706
SUB-12204	10.87	0.00	0.00	1.60	8.03	0.30	3.46	0.739
SUB-12206	10.87	0.00	0.00	1.58	7.64	0.60	6.22	0.703
SUB-12208	10.87	0.00	0.00	1.54	8.04	0.26	2.98	0.740
SUB-12210	10.87	0.00	0.00	1.60	7.85	0.43	4.68	0.722
SUB-12212	10.87	0.00	0.00	1.50	7.86	0.33	3.60	0.723
SUB-12214	10.87	0.00	0.00	1.56	7.62	0.58	6.02	0.701
SUB-12216	10.87	0.00	0.00	1.30	7.77	0.24	2.56	0.715
SUB-12218	10.87	0.00	0.00	1.32	7.99	0.18	1.99	0.735
SUB-12222	10.87	0.00	0.00	1.60	7.96	0.35	3.93	0.732
SUB-12224	10.87	0.00	0.00	1.60	8.12	0.25	2.97	0.747
SUB-12226	10.87	0.00	0.00	1.60	8.36	0.39	4.80	0.769
SUB-12228	10.87	0.00	0.00	1.60	8.29	0.41	4.97	0.763
SUB-12230	10.87	0.00	0.00	1.60	8.36	0.15	1.83	0.769
SUB-12232	10.87	0.00	0.00	1.60	8.35	0.15	1.85	0.768
SUB-12234	10.87	0.00	0.00	1.60	8.11	0.26	2.99	0.746
SUB-12238	10.87	0.00	0.00	1.60	8.46	0.35	4.47	0.779
SUB-12240	10.87	0.00	0.00	1.60	8.75	0.27	3.57	0.805
SUB-12242	10.87	0.00	0.00	1.60	7.79	0.48	5.18	0.716
SUB-12244	10.87	0.00	0.00	1.60	7.96	0.35	3.89	0.733
SUB-12246	10.87	0.00	0.00	1.60	8.12	0.25	2.96	0.747
SUB-12248	10.87	0.00	0.00	1.60	8.11	0.26	3.03	0.746
SUB-12250	10.87	0.00	0.00	1.60	7.86	0.42	4.59	0.723
SUB-12252	10.87	0.00	0.00	1.60	7.51	1.23	12.26	0.691
SUB-12256	10.87	0.00	0.00	1.60	8.19	0.45	5.31	0.754
SUB-12258	10.87	0.00	0.00	1.60	8.31	0.49	6.00	0.764
SUB-12260	10.87	0.00	0.00	1.60	8.12	0.47	5.50	0.747
SUB-12262	10.87	0.00	0.00	1.60	8.36	0.33	4.06	0.769
SUB-12264	10.87	0.00	0.00	1.60	8.40	0.42	5.21	0.773
SUB-12266	10.87	0.00	0.00	1.60	7.87	0.41	4.52	0.724
SUB-12268	10.87	0.00	0.00	1.60	8.00	0.64	7.29	0.736
SUB-12272	10.87	0.00	0.00	1.60	8.23	0.65	7.74	0.758
SUB-12274	10.87	0.00	0.00	1.60	7.81	0.43	4.65	0.718
SUB-12276	10.87	0.00	0.00	1.60	7.67	0.74	7.75	0.706
SUB-12278	10.87	0.00	0.00	1.60	7.69	0.59	6.19	0.707
SUB-12280	10.87	0.00	0.00	1.60	7.53	0.78	7.84	0.692
SUB-12284	10.87	0.00	0.00	1.38	7.66	0.46	4.93	0.704
SUB-12286	10.87	0.00	0.00	1.78	7.74	0.46	4.53	0.712
SUB-12288	10.87	0.00	0.00	2.19	8.31	0.91	10.63	0.765
SUB-12290	10.87	0.00	0.00	1.60	8.01	0.44	4.94	0.737
SUB-12292	10.87	0.00	0.00	1.60	8.00	0.52	5.90	0.736
SUB-12294	10.87	0.00	0.00	1.60	7.77	0.59	6.35	0.715
SUB-12296	10.87	0.00	0.00	1.60	8.15	0.37	4.31	0.750
SUB-12300	10.87	0.00	0.00	1.60	7.74	0.72	7.69	0.712
SUB-12302	10.87	0.00	0.00	1.60	7.45	0.77	7.56	0.685
SUB-12304	10.87	0.00	0.00	1.50	7.84	0.33	3.67	0.721
SUB-12306	10.87	0.00	0.00	1.60	7.92	0.71	7.84	0.728
SUB-12308	10.87	0.00	0.00	1.60	7.86	1.12	12.22	0.723
SUB-12310	10.87	0.00	0.00	1.14	7.08	0.92	9.03	0.651
SUB-12312	10.87	0.00	0.00	1.60	8.75	0.13	1.80	0.805
SUB-12314	10.87	0.00	0.00	1.27	7.35	0.69	7.07	0.676
SUB-12316	10.87	0.00	0.00	1.18	7.55	0.58	5.96	0.694
SUB-12318	10.87	0.00	0.00	1.60	8.04	0.75	8.59	0.739
SUB-12320	10.87	0.00	0.00	1.60	8.12	0.46	5.39	0.747
SUB-12322	10.87	0.00	0.00	1.60	7.65	0.62	6.39	0.703
SUB-12324	10.87	0.00	0.00	1.60	8.05	0.64	7.37	0.741
SUB-12326	10.87	0.00	0.00	1.60	8.67	0.16	2.16	0.798
SUB-12328	10.87	0.00	0.00	1.60	8.05	0.29	3.37	0.740
SUB-12330	10.87	0.00	0.00	1.60	8.28	0.18	2.16	0.762
SUB-12332	10.87	0.00	0.00	1.60	8.57	0.18	2.38	0.788
SUB-12334	10.87	0.00	0.00	1.60	8.00	0.32	3.63	0.736
SUB-12336	10.87	0.00	0.00	1.60	8.34	0.15	1.88	0.768
SUB-12340	10.87	0.00	0.00	1.53	7.69	0.46	4.94	0.708
SUB-12344	10.87	0.00	0.00	1.60	7.92	0.38	4.20	0.728
SUB-12346	10.87	0.00	0.00	1.60	7.90	0.39	4.34	0.727
SUB-12348	10.87	0.00	0.00	1.55	7.69	0.50	5.34	0.707
SUB-12350	10.87	0.00	0.00	1.55	7.71	0.49	5.22	0.709
SUB-12352	10.87	0.00	0.00	1.60	7.68	0.58	6.06	0.707
SUB-12354	10.87	0.00	0.00	1.60	7.60	0.67	6.85	0.699
SUB-12356	10.87	0.00	0.00	1.55	7.83	0.39	4.29	0.720
SUB-12358	10.87	0.00	0.00	1.60	8.03	0.31	3.49	0.738
SUB-12362	10.87	0.00	0.00	1.60	8.61	0.07	0.96	0.792
SUB-12364	10.87	0.00	0.00	1.33	8.41	0.09	1.03	0.774
SUB-12366	10.87	0.00	0.00	1.47	8.44	0.10	1.23	0.776
SUB-12368	10.87	0.00	0.00	0.30	5.32	0.20	1.04	0.489
SUB-12372	10.87	0.00	0.00	0.83	6.02	0.22	1.94	0.554
SUB-12374	10.87	0.00	0.00	0.90	6.89	0.58	5.24	0.634

SUB-12376	10.87	0.00	0.00	0.90	8.70	0.37	3.32	0.800
SUB-12380	10.87	0.00	0.00	0.90	7.84	0.82	7.32	0.721
SUB-12382	10.87	0.00	0.00	0.29	6.70	0.25	1.13	0.617
SUB-12386	10.87	0.00	0.00	0.33	5.85	0.22	1.12	0.538
SUB-12388	10.87	0.00	0.00	0.33	5.36	0.30	1.59	0.493
SUB-12394	10.87	0.00	0.00	0.90	7.05	0.25	2.25	0.649
SUB-12396	10.87	0.00	0.00	0.90	6.12	0.59	5.30	0.563
SUB-12398	10.87	0.00	0.00	0.90	7.17	0.22	2.01	0.659
SUB-12400	10.87	0.00	0.00	0.90	7.49	0.16	1.45	0.689
SUB-12402	10.87	0.00	0.00	0.90	6.28	0.51	4.55	0.578
SUB-12404	10.87	0.00	0.00	0.90	6.65	0.36	3.28	0.611
SUB-12408	10.87	0.00	0.00	0.90	5.62	0.94	8.25	0.517
SUB-12410	10.87	0.00	0.00	0.90	6.85	0.30	2.72	0.630
SUB-12414	10.87	0.00	0.00	0.90	6.37	0.47	4.20	0.586
SUB-12418	10.87	0.00	0.00	0.90	6.07	0.61	5.50	0.559
SUB-12420	10.87	0.00	0.00	0.90	6.93	0.28	2.52	0.638
SUB-12422	10.87	0.00	0.00	0.90	6.81	0.31	2.81	0.627
SUB-12424	10.87	0.00	0.00	0.36	5.60	0.27	1.54	0.516
SUB-12428	10.87	0.00	0.00	0.38	6.27	0.18	0.99	0.577
SUB-12430	10.87	0.00	0.00	0.83	6.06	0.52	4.59	0.557
SUB-12432	10.87	0.00	0.00	1.60	8.24	0.20	2.36	0.758
SUB-12434	10.87	0.00	0.00	0.88	6.55	0.37	3.34	0.603
SUB-12438	10.87	0.00	0.00	1.60	7.86	0.87	9.50	0.723
SUB-12442	10.87	0.00	0.00	1.60	8.83	0.11	1.46	0.813
SUB-12444	10.87	0.00	0.00	0.31	6.29	0.21	1.00	0.579
SUB-12446	10.87	0.00	0.00	0.40	5.95	0.23	1.35	0.547
SUB-12448	10.87	0.00	0.00	1.60	8.40	0.44	5.43	0.773
SUB-12450	10.87	0.00	0.00	1.60	8.12	0.26	2.97	0.747
SUB-12452	10.87	0.00	0.00	1.60	8.02	0.31	3.53	0.738
SUB-12454	10.87	0.00	0.00	1.48	7.85	0.32	3.53	0.722
SUB-12456	10.87	0.00	0.00	1.49	8.06	0.23	2.62	0.741
SUB-12458	10.87	0.00	0.00	1.31	7.75	0.26	2.75	0.713
SUB-12460	10.87	0.00	0.00	0.00	8.66	0.39	3.82	0.796

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Node Depth Summary
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Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum Run HGL Feet	Time of Max Occurrence days hr:min	Maximum Output HGL Feet	Time of Max Occurrence days hr:min
J-102	JUNCTION	3.31	8.23	3.67	2 16:36	3.67	2 16:37
J-104	JUNCTION	3.36	8.17	3.61	2 16:38	3.61	2 16:38
J-106	JUNCTION	3.33	8.15	3.59	2 16:38	3.59	2 16:39
J-109	JUNCTION	3.32	7.99	3.43	2 16:23	3.43	2 16:23
J-11	JUNCTION	3.51	7.99	3.43	2 21:10	3.43	2 21:11
J-110	JUNCTION	2.86	7.55	3.43	2 16:23	3.43	2 16:24
J-113	JUNCTION	3.30	7.89	3.33	2 16:27	3.33	2 16:28
J-114	JUNCTION	3.26	7.89	3.33	2 16:27	3.33	2 16:28
J-118	JUNCTION	3.24	7.88	3.32	2 16:27	3.32	2 16:28
J-12	JUNCTION	3.48	7.99	3.43	2 21:10	3.43	2 21:11
J-121	JUNCTION	3.30	8.15	3.59	2 16:40	3.59	2 16:40
J-126	JUNCTION	4.07	7.28	3.72	2 17:02	3.72	2 17:09
J-126A	JUNCTION	4.07	7.30	3.74	2 17:12	3.74	2 17:12
J-127	JUNCTION	3.86	7.17	3.61	2 15:38	3.61	2 15:38
J-128	JUNCTION	2.33	7.14	3.58	2 15:39	3.58	2 15:40
J-129	JUNCTION	2.28	6.88	3.32	2 16:27	3.32	2 16:28
J-130	JUNCTION	2.28	6.75	3.19	2 14:28	3.18	2 14:29
J-131	JUNCTION	2.23	7.05	3.49	2 22:32	3.49	2 15:32
J-132	JUNCTION	2.29	6.81	3.25	2 13:04	3.25	2 13:05
J-137	JUNCTION	2.33	6.84	3.28	2 14:35	3.28	2 14:35
J-139	JUNCTION	2.31	6.93	3.37	2 16:29	3.37	2 16:30
J-140	JUNCTION	2.38	7.11	3.55	2 16:36	3.55	2 16:37
J-147	JUNCTION	2.45	7.41	3.85	2 16:40	3.85	2 16:41
J-148	JUNCTION	2.45	7.49	3.93	2 16:33	3.93	2 16:34
J-149	JUNCTION	2.44	7.49	3.93	2 16:33	3.93	2 16:34
J-15	JUNCTION	3.03	7.63	3.57	2 16:29	3.57	2 16:30
J-152	JUNCTION	2.47	7.54	3.98	2 16:25	3.98	2 16:26
J-153	JUNCTION	2.47	7.56	4.00	2 16:19	4.00	2 16:19
J-155	JUNCTION	2.48	7.58	4.02	2 16:06	4.02	2 16:07
J-156	JUNCTION	2.50	7.64	4.08	2 15:14	4.08	2 15:15
J-158	JUNCTION	2.46	7.72	4.16	2 14:36	4.16	2 14:37
J-158A	JUNCTION	2.46	7.72	4.16	2 14:36	4.16	2 14:36
J-15A	JUNCTION	2.55	7.15	3.59	2 14:57	3.59	2 14:58
J-160	JUNCTION	2.47	7.73	4.17	2 14:35	4.17	2 14:35
J-161	JUNCTION	2.13	6.58	3.02	2 12:36	3.02	2 12:37
J-162	JUNCTION	2.04	7.31	3.75	2 15:08	3.75	2 09:28

J-163	JUNCTION	2.03	6.43	2.87	2	12:25	2.87	2	12:25
J-164	JUNCTION	1.97	6.51	2.95	2	10:25	2.95	2	10:26
J-165	JUNCTION	1.92	6.60	3.04	2	10:31	3.04	2	10:12
J-166	JUNCTION	1.82	6.37	2.81	2	10:35	2.81	2	10:16
J-167	JUNCTION	1.80	6.02	2.46	2	10:15	2.46	2	10:32
J-168	JUNCTION	1.82	6.16	2.60	2	21:47	2.60	2	10:23
J-169	JUNCTION	1.83	6.33	2.77	2	12:18	2.77	2	12:19
J-170	JUNCTION	1.83	6.43	2.87	2	12:18	2.87	2	12:18
J-174	JUNCTION	2.50	7.73	4.17	2	14:41	4.17	2	14:41
J-175	JUNCTION	2.48	7.73	4.17	2	14:40	4.17	2	14:40
J-176	JUNCTION	2.47	7.74	4.18	2	14:34	4.18	2	14:34
J-179	JUNCTION	2.94	8.26	4.20	2	14:52	4.20	2	14:52
J-18	JUNCTION	2.56	7.13	3.57	2	16:31	3.57	2	17:23
J-180	JUNCTION	2.37	7.29	3.73	2	16:51	3.73	2	16:52
J-180A	JUNCTION	2.36	7.69	4.13	2	14:18	3.96	2	14:21
J-185	JUNCTION	2.82	7.89	3.83	2	16:01	3.82	2	16:01
J-185A	JUNCTION	2.33	7.79	4.23	2	15:50	4.04	2	15:03
J-188	JUNCTION	3.18	8.30	4.24	2	14:55	4.24	2	14:55
J-188A	JUNCTION	2.68	7.80	4.24	2	14:55	4.24	2	14:43
J-191	JUNCTION	2.61	7.38	3.82	2	17:40	3.82	2	17:41
J-191A	JUNCTION	2.61	7.39	3.83	2	17:39	3.83	2	17:40
J-195	JUNCTION	3.22	7.80	4.24	2	14:53	4.24	2	14:54
J-195A	JUNCTION	3.22	7.97	4.41	2	14:35	4.36	2	14:41
J-198	JUNCTION	3.32	7.79	4.23	2	14:58	4.23	2	14:58
J-199	JUNCTION	3.25	7.66	4.10	2	16:00	4.10	2	16:01
J-19A	JUNCTION	2.55	7.37	3.81	2	14:54	3.76	2	14:24
J-203	JUNCTION	3.20	7.63	4.07	2	16:22	4.07	2	16:22
J-204	JUNCTION	3.21	7.63	4.07	2	16:20	4.07	2	16:20
J-206	JUNCTION	3.22	7.49	3.93	2	16:25	3.93	2	16:25
J-208	JUNCTION	3.17	7.45	3.89	2	16:23	3.89	2	16:24
J-209	JUNCTION	3.21	7.45	3.89	2	16:20	3.89	2	16:20
J-212	JUNCTION	3.25	7.43	3.87	2	16:19	3.87	2	15:53
J-213	JUNCTION	3.14	7.42	3.86	2	15:49	3.86	2	15:52
J-213A	JUNCTION	3.15	8.09	4.53	2	15:12	4.25	2	15:14
J-217	JUNCTION	7.08	11.46	3.77	2	17:42	3.77	2	17:43
J-218	JUNCTION	6.83	10.90	3.77	2	17:31	3.77	2	17:31
J-222	JUNCTION	4.86	8.92	3.76	2	17:29	3.75	2	17:30
J-223	JUNCTION	4.73	8.81	3.75	2	17:28	3.75	2	17:29
J-223A	JUNCTION	3.24	7.70	4.14	2	16:08	4.09	2	16:09
J-225	JUNCTION	3.22	7.26	3.70	2	17:30	3.70	2	17:30
J-226	JUNCTION	3.21	7.26	3.70	2	17:12	3.70	2	17:12
J-232	JUNCTION	3.23	7.23	3.67	2	17:04	3.67	2	17:04
J-233	JUNCTION	3.19	7.20	3.64	2	16:51	3.64	2	16:52
J-235	JUNCTION	3.10	7.20	3.64	2	16:51	3.64	2	16:51
J-238	JUNCTION	4.17	8.17	3.61	2	16:49	3.61	2	16:50
J-24	JUNCTION	2.60	7.15	3.59	2	16:27	3.59	2	16:27
J-242	JUNCTION	3.22	7.17	3.61	2	16:50	3.61	2	16:50
J-244	JUNCTION	3.25	7.17	3.61	2	16:25	3.61	2	16:25
J-247	JUNCTION	3.28	7.17	3.61	2	16:25	3.61	2	16:26
J-248	JUNCTION	3.22	7.12	3.56	2	17:03	3.56	2	17:03
J-249	JUNCTION	3.21	7.12	3.56	2	17:04	3.56	2	17:05
J-25	JUNCTION	2.56	7.14	3.58	2	16:25	3.58	2	16:26
J-253	JUNCTION	3.30	6.33	2.77	2	13:34	2.77	2	13:34
J-254	JUNCTION	3.32	6.28	2.72	2	13:29	2.72	2	13:30
J-256	JUNCTION	3.31	6.24	2.68	2	13:25	2.68	2	13:25
J-259	JUNCTION	3.23	5.97	2.41	2	21:21	2.41	2	21:22
J-25A	JUNCTION	2.56	7.27	3.71	2	15:21	3.69	2	16:09
J-260	JUNCTION	3.74	6.57	3.01	2	21:19	3.01	2	19:28
J-261	JUNCTION	3.03	6.05	2.49	2	21:18	2.47	2	21:19
J-261-WEIR	JUNCTION	1.09	6.38	2.82	2	21:18	2.59	2	23:05
J-262	JUNCTION	1.07	6.57	3.01	2	08:54	3.00	2	19:25
J-266	JUNCTION	3.22	6.71	3.15	2	18:33	3.15	2	18:34
J-267	JUNCTION	3.69	7.26	3.20	2	18:07	3.20	2	18:07
J-268	JUNCTION	4.17	7.99	3.43	2	16:55	3.41	2	16:00
J-268-WEIR	JUNCTION	1.35	7.91	3.35	2	21:04	3.35	2	21:05
J-269	JUNCTION	4.19	7.95	3.39	2	17:38	3.39	2	17:38
J-27	JUNCTION	2.58	7.20	3.64	2	16:55	3.64	2	16:56
J-271	JUNCTION	0.00	0.00	-3.50	0	00:00	-3.50	0	00:00
J-275	JUNCTION	4.19	7.91	3.35	2	19:11	3.35	2	19:11
J-278	JUNCTION	2.68	5.40	1.84	2	01:32	1.84	1	07:19
J-27A	JUNCTION	2.58	7.34	3.78	2	16:17	3.74	2	15:35
J-280	JUNCTION	2.89	5.60	2.04	2	09:11	2.04	2	08:51
J-281	JUNCTION	3.17	5.91	2.35	2	21:16	2.35	2	21:17
J-282	JUNCTION	3.30	6.28	2.72	2	21:26	2.72	2	21:27
J-283	JUNCTION	3.38	6.72	3.16	2	21:03	3.16	2	21:03
J-284	JUNCTION	3.41	6.91	3.35	2	21:01	3.35	2	21:02
J-284-WEIR	JUNCTION	0.49	6.86	3.30	2	21:01	3.30	2	21:02
J-285	JUNCTION	4.59	7.91	3.35	2	20:55	3.35	2	20:56
J-286	JUNCTION	3.50	7.42	3.36	2	19:13	3.36	2	19:13
J-288	JUNCTION	3.41	6.92	3.36	2	21:01	3.36	2	21:02

J-288A	JUNCTION	3.41	7.07	3.51	2	21:13	3.47	2	21:07
J-290	JUNCTION	2.90	7.12	3.56	2	16:42	3.56	2	16:43
J-290A	JUNCTION	2.90	7.19	3.63	2	15:58	3.60	2	15:25
J-293	JUNCTION	2.91	7.06	3.50	2	17:06	3.50	2	17:06
J-295	JUNCTION	2.89	7.05	3.49	2	17:17	3.49	2	17:18
J-296	JUNCTION	2.90	7.03	3.47	2	17:19	3.47	2	17:19
J-297	JUNCTION	2.86	6.95	3.39	2	17:42	3.39	2	17:43
J-30	JUNCTION	2.65	7.22	3.66	2	17:23	3.66	2	17:29
J-300	JUNCTION	3.34	7.45	3.39	2	17:42	3.39	2	17:43
J-301	JUNCTION	3.51	7.44	3.38	2	17:41	3.38	2	17:41
J-304	JUNCTION	2.64	7.46	3.40	2	17:00	3.40	2	17:01
J-305	JUNCTION	2.61	7.47	3.41	2	16:24	3.41	2	16:25
J-31	JUNCTION	2.61	7.24	3.68	2	18:02	3.67	2	18:03
J-310	JUNCTION	2.13	6.97	3.41	2	16:19	3.41	2	16:20
J-312	JUNCTION	2.11	6.97	3.41	2	16:21	3.41	2	16:18
J-314	JUNCTION	2.13	7.10	3.54	2	14:41	3.54	2	14:41
J-314A	JUNCTION	2.13	7.16	3.60	2	15:00	3.55	2	15:56
J-317	JUNCTION	2.18	7.17	3.61	2	16:54	3.61	2	16:55
J-31A	JUNCTION	2.60	7.41	3.85	2	15:50	3.78	2	15:38
J-321	JUNCTION	2.15	7.22	3.66	2	16:09	3.66	2	16:10
J-321A	JUNCTION	2.15	7.32	3.76	2	16:05	3.72	2	15:59
J-323	JUNCTION	2.18	7.21	3.65	2	17:12	3.65	2	17:13
J-324	JUNCTION	2.16	7.25	3.69	2	17:11	3.69	2	17:11
J-324A	JUNCTION	2.15	7.38	3.82	2	15:59	3.78	2	16:00
J-327	JUNCTION	2.61	7.14	3.58	2	16:26	3.58	2	16:27
J-328	JUNCTION	2.57	7.13	3.57	2	15:00	3.57	2	15:01
J-328A	JUNCTION	2.57	7.20	3.64	2	14:59	3.64	2	15:00
J-33	JUNCTION	2.60	7.16	3.60	2	18:11	3.60	2	18:12
J-333	JUNCTION	2.69	7.49	3.93	2	16:40	3.93	2	16:40
J-334	JUNCTION	2.64	7.48	3.92	2	14:47	3.92	2	14:47
J-335	JUNCTION	2.64	7.37	3.81	2	16:40	3.81	2	16:41
J-341	JUNCTION	2.58	7.21	3.65	2	18:46	3.65	2	18:46
J-341A	JUNCTION	2.58	7.51	3.95	2	13:51	3.70	2	13:47
J-342	JUNCTION	2.28	7.47	3.91	2	15:52	3.91	2	15:52
J-343	JUNCTION	2.86	7.96	3.90	2	15:57	3.90	2	15:57
J-348	JUNCTION	2.46	7.34	3.78	2	16:39	3.78	2	16:40
J-351	JUNCTION	2.40	7.24	3.68	2	20:03	3.68	2	19:15
J-351A	JUNCTION	2.40	7.24	3.68	2	20:16	3.68	2	20:16
J-354	JUNCTION	4.29	7.24	3.68	2	21:23	3.68	2	19:45
J-354A	JUNCTION	4.28	7.55	3.99	2	13:20	3.94	2	13:20
J-354B	JUNCTION	4.28	7.98	4.42	2	13:16	4.07	2	13:17
J-355	JUNCTION	4.30	7.40	3.84	2	16:48	3.84	2	16:48
J-355A	JUNCTION	4.30	7.57	4.01	2	16:00	3.95	2	16:02
J-359	JUNCTION	2.74	7.93	3.87	2	16:17	3.87	2	16:18
J-36	JUNCTION	2.72	7.18	3.62	2	18:11	3.62	2	18:12
J-362	JUNCTION	2.11	7.47	3.91	2	15:50	3.91	2	15:51
J-363	JUNCTION	2.04	7.47	3.91	2	15:38	3.91	2	15:38
J-364	JUNCTION	1.98	7.46	3.90	2	15:27	3.90	2	15:28
J-367	JUNCTION	2.56	7.53	3.97	2	14:23	3.97	2	14:23
J-368	JUNCTION	2.52	7.53	3.97	2	14:18	3.97	2	14:19
J-369	JUNCTION	2.55	7.52	3.96	2	14:20	3.96	2	14:20
J-374	JUNCTION	1.93	7.45	3.89	2	15:20	3.89	2	15:20
J-375	JUNCTION	3.07	7.98	3.92	2	13:59	3.92	2	14:00
J-380	JUNCTION	2.36	7.94	3.88	2	15:09	3.88	2	15:09
J-380A	JUNCTION	1.87	7.44	3.88	2	15:06	3.88	2	15:07
J-381	JUNCTION	3.23	8.96	3.90	2	14:51	3.90	2	14:52
J-384	JUNCTION	3.66	8.48	3.92	2	13:57	3.92	2	13:58
J-385	JUNCTION	2.67	7.58	4.02	2	10:10	4.00	2	09:51
J-388	JUNCTION	3.70	8.48	3.92	2	13:48	3.92	2	13:48
J-389	JUNCTION	3.14	7.98	3.92	2	13:48	3.92	2	13:48
J-393	JUNCTION	3.20	8.00	3.94	2	13:50	3.94	2	13:50
J-396	JUNCTION	3.24	8.10	4.04	2	14:29	4.04	2	14:30
J-399	JUNCTION	2.64	7.60	4.04	2	14:31	4.04	2	14:31
J-40	JUNCTION	2.68	7.29	3.73	2	18:15	3.73	2	18:15
J-402	JUNCTION	2.64	8.20	4.64	2	12:50	4.64	2	12:51
J-402A	JUNCTION	2.64	8.20	4.64	2	12:50	4.64	2	12:51
J-405	JUNCTION	2.65	7.69	4.13	2	13:33	4.13	2	13:34
J-407	JUNCTION	2.64	7.65	4.09	2	13:45	4.09	2	13:46
J-409	JUNCTION	3.10	8.11	4.05	2	13:58	4.05	2	13:59
J-40A	JUNCTION	2.68	7.33	3.77	2	17:55	3.76	2	18:05
J-40B	JUNCTION	2.68	7.44	3.88	2	18:29	3.84	2	18:59
J-40C	JUNCTION	2.67	7.43	3.87	2	15:43	3.81	2	18:10
J-410	JUNCTION	3.19	8.10	4.04	2	14:01	4.04	2	14:02
J-412	JUNCTION	2.60	7.59	4.03	2	14:08	4.03	2	14:09
J-414	JUNCTION	2.64	7.62	4.06	2	14:31	4.06	2	14:31
J-415	JUNCTION	4.19	9.25	4.09	2	14:30	4.09	2	14:31
J-415A	JUNCTION	2.62	7.65	4.09	2	14:30	4.09	2	14:31
J-415B	JUNCTION	2.62	7.65	4.09	2	14:29	4.09	2	14:30
J-416	JUNCTION	3.59	8.61	4.05	2	14:17	4.05	2	14:18
J-417	JUNCTION	3.58	8.47	3.91	2	13:45	3.91	2	13:46

J-42	JUNCTION	2.65	7.30	3.74	2	18:28	3.74	2	18:28
J-421	JUNCTION	2.62	7.47	3.91	2	13:43	3.91	2	13:43
J-422	JUNCTION	2.61	7.33	3.77	2	15:20	3.77	2	15:21
J-422A	JUNCTION	2.61	7.33	3.77	2	15:19	3.77	2	15:21
J-423	JUNCTION	4.05	8.51	3.45	2	12:42	3.45	2	12:43
J-423A	JUNCTION	2.59	7.19	3.63	3	00:09	3.50	3	00:15
J-424	JUNCTION	2.68	7.17	3.61	2	15:07	3.61	2	15:08
J-427	JUNCTION	2.70	7.24	3.68	2	15:08	3.68	2	15:08
J-42A	JUNCTION	2.65	7.31	3.75	2	18:27	3.75	2	18:10
J-430	JUNCTION	2.70	7.56	4.00	2	15:28	4.00	2	15:29
J-430A	JUNCTION	2.70	7.84	4.28	2	14:56	4.21	2	15:03
J-431	JUNCTION	5.16	9.58	4.03	2	15:25	4.03	2	15:25
J-431A	JUNCTION	3.22	8.05	4.49	2	14:14	4.38	2	15:15
J-432	JUNCTION	5.09	9.40	4.02	2	15:26	4.02	2	15:26
J-432B	JUNCTION	3.22	7.59	4.03	2	15:25	4.03	2	15:25
J-433	JUNCTION	3.22	7.39	3.86	2	16:48	3.86	2	16:49
J-434	JUNCTION	3.27	7.41	3.85	2	17:01	3.85	2	17:02
J-435	JUNCTION	3.29	7.39	3.83	2	17:23	3.83	2	17:23
J-436	JUNCTION	3.26	7.37	3.81	2	17:50	3.81	2	17:51
J-437	JUNCTION	3.29	7.37	3.81	2	17:52	3.81	2	17:52
J-438	JUNCTION	3.32	7.26	3.70	2	19:37	3.70	2	19:37
J-439	JUNCTION	3.31	7.25	3.69	2	19:27	3.69	2	19:28
J-440	JUNCTION	4.44	8.08	3.02	2	13:10	3.02	2	13:10
J-441	JUNCTION	3.10	7.46	3.90	2	15:59	3.70	2	15:31
J-444	JUNCTION	4.02	8.86	3.80	2	12:37	3.55	2	12:39
J-444-WEIR	JUNCTION	4.43	9.51	4.45	2	12:36	4.44	2	12:37
J-445	JUNCTION	4.02	8.73	3.67	2	12:37	3.67	2	12:38
J-448	JUNCTION	3.22	6.93	3.37	2	20:26	3.37	2	20:27
J-450	JUNCTION	4.07	8.56	3.50	2	12:38	3.48	2	12:39
J-454	JUNCTION	3.22	6.93	3.37	2	20:28	3.37	2	20:29
J-455	JUNCTION	3.45	7.11	3.55	2	19:04	3.55	2	19:05
J-459	JUNCTION	3.91	7.54	3.55	2	19:04	3.55	2	19:04
J-459A	JUNCTION	3.49	7.12	3.56	2	21:29	3.55	2	19:04
J-460-NEW	JUNCTION	3.49	7.14	3.58	2	20:03	3.58	2	20:03
J-463	JUNCTION	3.47	7.14	3.58	2	20:04	3.58	2	20:05
J-466	JUNCTION	3.57	8.67	5.11	2	11:12	5.07	2	10:41
J-468	JUNCTION	3.56	7.20	3.64	2	20:05	3.64	2	20:06
J-47	JUNCTION	3.29	6.42	2.57	3	05:24	2.56	3	05:40
J-470	JUNCTION	3.50	7.20	3.64	2	20:01	3.64	2	20:02
J-471	JUNCTION	3.44	7.71	4.15	2	10:36	4.14	2	10:37
J-478	JUNCTION	3.27	7.20	3.64	2	20:30	3.64	2	20:31
J-479	JUNCTION	3.53	7.20	3.64	2	20:30	3.64	2	20:31
J-480	JUNCTION	3.27	7.20	3.64	2	20:33	3.64	2	20:33
J-481	JUNCTION	3.39	7.21	3.65	2	19:51	3.65	2	19:52
J-482	JUNCTION	3.21	7.22	3.66	2	20:14	3.66	2	20:14
J-484	JUNCTION	3.41	7.48	3.75	3	00:28	3.74	3	00:28
J-485	JUNCTION	3.30	7.30	3.73	3	00:26	3.73	3	00:27
J-486	JUNCTION	3.27	7.55	3.99	3	01:04	3.96	3	01:04
J-487	JUNCTION	3.25	7.29	3.73	3	00:28	3.73	3	00:28
J-489	JUNCTION	3.18	7.23	3.67	2	20:14	3.67	2	20:14
J-491	JUNCTION	3.34	7.24	3.68	2	20:14	3.68	2	20:14
J-492	JUNCTION	3.32	7.23	3.67	2	20:15	3.67	2	20:16
J-493	JUNCTION	3.21	7.22	3.66	2	20:18	3.66	2	20:19
J-495	JUNCTION	3.18	7.22	3.66	2	20:17	3.66	2	20:18
J-497	JUNCTION	2.75	7.24	3.68	2	20:21	3.68	2	20:22
J-498	JUNCTION	2.71	7.26	3.70	2	20:45	3.70	2	20:45
J-498A	JUNCTION	2.71	7.26	3.70	2	20:45	3.70	2	20:45
J-499	JUNCTION	2.71	7.26	3.70	2	21:07	3.70	2	21:08
J-5	JUNCTION	3.92	8.49	3.43	2	21:08	3.43	2	21:08
J-50	JUNCTION	3.12	7.18	3.47	2	09:03	3.45	2	09:04
J-500	JUNCTION	2.71	7.26	3.70	2	21:06	3.70	2	21:07
J-505	JUNCTION	2.71	7.26	3.70	2	20:57	3.70	2	20:58
J-508	JUNCTION	2.71	7.26	3.70	2	20:57	3.70	2	20:58
J-51	JUNCTION	3.30	6.89	2.93	3	05:54	2.91	2	11:49
J-512	JUNCTION	2.71	7.26	3.70	2	20:59	3.70	2	21:00
J-518	JUNCTION	2.71	7.26	3.70	2	20:24	3.70	2	20:24
J-53	JUNCTION	3.84	8.50	3.74	2	18:25	3.74	2	18:26
J-534	JUNCTION	4.68	6.84	3.28	2	15:24	3.28	2	15:25
J-537	JUNCTION	4.86	7.48	3.92	2	13:55	3.92	2	13:55
J-539	JUNCTION	4.79	7.53	3.97	2	13:21	3.95	2	13:54
J-539-WEIR	JUNCTION	4.49	7.59	4.03	2	13:22	3.97	2	13:53
J-539A	JUNCTION	4.79	13.12	9.56	2	14:59	7.73	2	14:59
J-54	JUNCTION	3.84	8.50	3.74	2	18:27	3.74	2	18:27
J-541	JUNCTION	4.50	7.20	3.64	2	20:48	3.64	2	20:48
J-544	JUNCTION	3.21	7.18	3.62	2	20:23	3.62	2	20:23
J-548	JUNCTION	2.92	6.72	3.16	3	05:53	3.15	3	05:54
J-54A	JUNCTION	2.69	7.36	3.80	2	18:02	3.78	2	19:12
J-54B	JUNCTION	2.69	7.31	3.75	2	18:18	3.74	2	18:29
J-550	JUNCTION	3.02	6.69	3.13	2	11:49	3.13	2	11:50
J-553	JUNCTION	3.17	7.12	3.27	2	09:16	3.26	2	11:53

J-554	JUNCTION	3.30	7.92	3.88	1	20:17	3.88	1	12:47
J-555	JUNCTION	3.71	8.29	3.89	2	09:10	3.89	2	09:11
J-557	JUNCTION	6.12	10.72	2.77	2	14:32	-0.88	2	11:42
J-558	JUNCTION	5.11	9.79	2.80	2	14:32	2.80	2	14:33
J-559	JUNCTION	2.79	6.40	2.84	1	20:18	2.84	1	20:18
J-560	JUNCTION	2.72	6.32	2.76	2	11:27	2.76	2	07:51
J-561	JUNCTION	2.92	8.00	4.00	1	09:20	1.60	1	19:40
J-563	JUNCTION	2.46	6.99	3.43	2	20:53	3.43	2	20:53
J-563A	JUNCTION	2.46	6.99	3.43	2	20:52	3.43	2	20:53
J-565	JUNCTION	3.94	8.52	3.46	2	21:04	3.46	2	21:04
J-566	JUNCTION	3.87	8.95	3.89	2	20:48	3.81	2	20:42
J-566-WEIR	JUNCTION	1.06	13.56	10.00	3	00:16	8.50	2	23:19
J-567	JUNCTION	1.09	8.01	4.01	3	02:21	4.01	3	05:33
J-568	JUNCTION	2.02	12.41	3.78	2	12:35	3.78	2	12:36
J-569	JUNCTION	1.58	10.07	3.83	2	20:41	3.83	2	20:41
J-570	JUNCTION	2.42	7.37	3.81	2	20:50	3.81	2	20:50
J-571	JUNCTION	3.42	6.94	3.38	2	20:58	3.38	2	20:59
J-571A	JUNCTION	3.42	7.14	3.58	3	02:58	3.43	3	02:15
J-571B	JUNCTION	3.42	7.12	3.56	2	20:19	3.50	2	21:07
J-572A	JUNCTION	2.63	4.79	1.23	2	12:15	1.02	2	12:17
J-572B	JUNCTION	2.63	4.75	1.19	2	12:18	1.09	2	12:15
J-575	JUNCTION	3.72	8.01	4.01	0	00:00	0.61	2	21:00
J-576	JUNCTION	3.15	7.10	3.04	2	09:54	3.04	2	11:48
J-577	JUNCTION	2.59	5.62	2.06	2	12:42	1.36	2	12:18
J-578	JUNCTION	2.34	7.10	3.04	2	11:16	3.04	2	09:09
J-58	JUNCTION	3.84	8.49	3.73	2	18:17	3.73	2	18:17
J-581	JUNCTION	3.42	8.10	3.04	2	15:33	3.04	2	09:45
J-585	JUNCTION	2.56	7.38	3.32	2	13:00	3.32	2	13:00
J-585B	JUNCTION	2.56	7.38	3.32	2	13:00	3.32	2	13:00
J-588	JUNCTION	3.12	7.86	3.30	2	12:58	3.30	2	12:59
J-58A	JUNCTION	3.84	8.54	3.78	2	17:25	3.77	2	18:05
J-59	JUNCTION	3.83	8.45	3.69	2	17:41	3.69	2	17:42
J-591	JUNCTION	4.39	8.90	2.84	2	14:43	2.84	2	21:58
J-591A	JUNCTION	4.39	8.84	2.78	2	12:21	2.78	2	12:22
J-591B	JUNCTION	4.39	8.84	2.78	2	12:21	2.78	2	12:22
J-596	JUNCTION	3.28	8.06	3.19	2	12:48	3.19	2	12:48
J-596A	JUNCTION	3.85	8.84	3.28	2	15:32	3.19	2	12:50
J-598	JUNCTION	2.06	6.64	3.08	2	13:09	3.08	2	13:09
J-598A	JUNCTION	2.06	6.64	3.08	2	13:09	3.08	2	13:09
J-598B	JUNCTION	2.02	6.64	3.08	2	13:09	3.08	2	13:09
J-59A	JUNCTION	3.83	8.64	3.88	2	15:31	3.83	2	18:01
J-59B	JUNCTION	3.83	8.56	3.80	2	16:09	3.80	2	16:09
J-5A	JUNCTION	3.91	8.69	3.63	2	18:53	3.54	2	18:53
J-6	JUNCTION	3.67	8.19	3.43	2	21:08	3.43	2	21:09
J-60	JUNCTION	3.84	8.49	3.73	2	17:45	3.73	2	17:46
J-601	JUNCTION	2.06	6.21	2.65	2	15:32	2.64	2	15:34
J-602	JUNCTION	2.04	6.12	2.56	2	12:24	2.56	2	12:24
J-603	JUNCTION	2.52	6.56	3.00	2	10:46	3.00	2	10:22
J-604	JUNCTION	2.28	5.56	2.00	2	09:50	2.00	2	21:33
J-606	JUNCTION	2.50	6.37	2.31	2	12:17	2.31	2	12:17
J-607	JUNCTION	2.53	6.50	2.44	2	14:02	2.44	2	10:57
J-609	JUNCTION	2.03	6.20	2.64	2	15:23	2.64	2	10:25
J-61	JUNCTION	3.83	8.49	3.73	2	17:44	3.73	2	17:44
J-611	JUNCTION	2.11	6.72	3.16	2	13:30	3.16	2	13:31
J-611A	JUNCTION	2.11	6.72	3.16	2	13:30	3.16	2	13:31
J-611B	JUNCTION	2.11	6.72	3.16	2	13:30	3.16	2	13:31
J-613	JUNCTION	2.12	6.37	2.81	2	12:43	2.81	2	12:43
J-615	JUNCTION	2.10	6.31	2.75	2	12:37	2.75	2	12:38
J-618	JUNCTION	2.74	7.30	3.74	2	18:11	3.74	2	18:11
J-61A	JUNCTION	2.68	12.44	8.88	3	03:19	6.15	3	03:41
J-623	JUNCTION	2.69	7.30	3.74	2	18:13	3.74	2	18:13
J-624	JUNCTION	2.66	7.30	3.74	2	18:12	3.74	2	18:12
J-624A	JUNCTION	2.65	7.61	4.05	2	16:10	3.97	2	16:00
J-626	JUNCTION	2.67	7.28	3.72	2	18:13	3.72	2	18:13
J-629	JUNCTION	2.76	7.29	3.73	2	18:22	3.73	2	18:23
J-63	JUNCTION	2.61	7.60	4.04	2	14:35	4.04	2	14:36
J-632	JUNCTION	2.76	7.29	3.73	2	17:55	3.73	2	17:55
J-633	JUNCTION	3.15	7.76	3.70	2	18:19	3.70	2	18:19
J-637	JUNCTION	2.69	7.26	3.70	2	18:18	3.70	2	18:19
J-64	JUNCTION	2.58	7.60	4.04	2	14:36	4.04	2	14:37
J-640	JUNCTION	2.73	7.27	3.71	2	18:13	3.71	2	18:13
J-647	JUNCTION	2.69	7.27	3.71	2	18:07	3.71	2	18:10
J-647A	JUNCTION	2.68	7.40	3.84	2	18:55	3.83	2	18:28
J-647B	JUNCTION	2.69	12.43	8.87	3	03:19	6.87	3	02:52
J-650	JUNCTION	2.62	7.12	3.56	2	17:42	3.56	2	17:43
J-653	JUNCTION	2.64	7.15	3.59	2	16:23	3.59	2	16:23
J-653A	JUNCTION	2.64	7.29	3.73	2	16:10	3.69	2	14:46
J-654	JUNCTION	2.63	7.15	3.59	2	17:39	3.59	2	17:39
J-654A	JUNCTION	2.63	7.35	3.79	2	15:44	3.74	2	15:58
J-657	JUNCTION	2.64	7.13	3.57	2	17:40	3.57	2	17:40

J-659	JUNCTION	2.63	7.12	3.56	2	17:42	3.56	2	17:43
J-663	JUNCTION	3.65	8.09	3.53	2	18:01	3.53	2	18:01
J-665	JUNCTION	3.62	8.05	3.49	2	21:06	3.49	2	21:07
J-666	JUNCTION	3.54	8.00	3.44	2	21:03	3.44	2	21:03
J-67	JUNCTION	2.45	7.47	3.91	2	15:36	3.91	2	15:36
J-670	JUNCTION	3.54	8.00	3.44	2	21:04	3.44	2	21:04
J-672	JUNCTION	4.00	7.56	3.00	2	11:48	2.50	2	21:00
J-673	JUNCTION	4.18	7.97	3.41	2	21:02	3.41	2	21:02
J-673A	JUNCTION	4.18	8.11	3.55	2	18:49	3.53	2	18:53
J-678	JUNCTION	3.58	8.00	3.44	2	21:04	3.44	2	21:05
J-67A	JUNCTION	2.39	7.47	3.91	2	16:00	3.91	2	16:00
J-682	JUNCTION	0.78	6.47	3.91	2	13:28	3.91	2	13:29
J-684	JUNCTION	0.77	6.37	3.81	2	13:23	3.81	2	13:23
J-686	JUNCTION	0.73	6.21	3.65	2	15:34	3.65	2	15:35
J-687	JUNCTION	0.69	6.06	3.50	2	12:18	3.50	2	12:18
J-691	JUNCTION	0.63	5.89	3.33	2	12:20	3.33	2	12:21
J-692	JUNCTION	0.55	5.88	3.32	2	12:21	3.32	2	12:21
J-692-WEIR	JUNCTION	0.28	3.32	0.76	2	21:45	0.59	2	21:15
J-693	JUNCTION	2.28	6.56	4.00	0	00:00	0.61	1	21:00
J-697	JUNCTION	1.21	7.56	4.00	2	10:47	4.00	2	11:08
J-7	JUNCTION	3.51	7.99	3.43	2	21:08	3.43	2	21:08
J-700	JUNCTION	1.21	6.85	3.29	2	11:47	3.29	2	11:08
J-701	JUNCTION	1.19	6.80	3.24	2	11:47	0.84	2	15:03
J-702	JUNCTION	1.19	6.46	2.90	2	11:48	0.54	2	11:33
J-705	JUNCTION	1.20	7.05	3.49	2	10:46	2.23	2	11:48
J-707	JUNCTION	1.21	6.75	3.19	2	11:48	3.19	2	11:48
J-710	JUNCTION	1.21	6.86	3.30	2	12:18	3.30	2	12:19
J-712	JUNCTION	2.61	7.09	3.53	2	12:53	3.53	2	12:53
J-714	JUNCTION	2.80	7.05	3.49	2	12:49	3.49	2	12:49
J-719	JUNCTION	2.85	6.87	3.31	2	15:18	3.31	2	15:18
J-72	JUNCTION	2.59	7.59	4.03	2	14:38	4.03	2	14:38
J-721	JUNCTION	2.78	6.87	3.31	3	05:21	3.31	3	05:22
J-725	JUNCTION	2.76	7.22	3.66	3	05:28	3.66	3	05:28
J-728	JUNCTION	2.86	7.26	3.70	3	05:26	3.70	3	05:27
J-73	JUNCTION	2.65	7.61	4.05	2	14:37	4.05	2	14:38
J-734	JUNCTION	3.02	7.64	4.08	3	05:03	4.08	3	05:04
J-734A	JUNCTION	3.01	8.17	4.61	2	14:17	4.60	2	14:17
J-734B	JUNCTION	3.01	7.64	4.08	3	05:03	4.08	3	05:04
J-735	JUNCTION	3.04	10.64	7.08	3	04:54	7.07	3	04:54
J-736	JUNCTION	7.37	25.72	22.16	3	04:14	22.16	3	04:15
J-74	JUNCTION	2.65	7.60	4.04	2	14:32	4.04	2	14:32
J-740	JUNCTION	4.00	8.51	3.75	2	17:48	3.75	2	17:49
J-741	JUNCTION	4.04	8.56	3.80	2	18:04	3.80	2	18:04
J-744	JUNCTION	4.05	8.57	3.81	2	17:46	3.81	2	17:46
J-745	JUNCTION	4.01	8.57	3.81	2	17:35	3.81	2	17:35
J-745A	JUNCTION	2.85	7.99	4.43	2	13:37	4.13	2	13:38
J-748	JUNCTION	4.17	8.40	3.64	2	18:50	3.64	2	18:50
J-748-WEIR-STANTEC	JUNCTION	4.13	8.40	3.64	2	18:50	3.63	2	18:50
J-748A	JUNCTION	3.01	7.86	4.30	2	13:48	3.69	2	19:59
J-749	JUNCTION	4.21	8.40	3.64	2	19:11	3.64	2	20:15
J-750	JUNCTION	4.25	8.42	3.66	2	19:28	3.66	2	20:02
J-750A	JUNCTION	3.10	7.45	3.89	3	05:41	3.79	3	05:08
J-751	JUNCTION	4.40	8.57	3.66	2	20:03	3.66	2	20:03
J-752	JUNCTION	4.81	8.90	3.54	2	20:32	3.54	2	20:33
J-753	JUNCTION	4.91	9.08	3.61	2	20:30	3.61	2	20:31
J-754	JUNCTION	5.01	9.24	3.67	2	20:28	3.67	2	20:30
J-754-WEIR-STANTEC	JUNCTION	4.68	8.90	3.54	2	20:32	3.54	2	20:33
J-754A	JUNCTION	3.06	9.06	5.50	2	15:43	4.55	2	15:09
J-755	JUNCTION	2.06	6.75	3.19	2	12:50	3.19	2	12:51
J-757	JUNCTION	3.93	8.75	3.19	2	12:49	3.19	2	12:50
J-760	JUNCTION	2.65	7.30	3.74	2	18:28	3.74	2	18:29
J-761	JUNCTION	3.32	8.15	3.59	2	16:38	3.59	2	16:38
J-763	JUNCTION	4.50	8.13	3.07	2	13:07	3.07	2	13:07
J-764	JUNCTION	4.03	8.56	3.50	2	20:46	3.50	2	20:50
J-766	JUNCTION	2.63	7.60	4.04	3	05:09	4.04	3	05:09
J-766A	JUNCTION	2.63	7.87	4.31	2	14:16	4.11	3	05:15
J-768	JUNCTION	2.64	7.42	3.86	2	13:09	3.86	2	13:09
J-769	JUNCTION	2.74	7.26	3.70	2	13:12	3.70	2	13:13
J-77	JUNCTION	2.63	7.70	4.14	2	14:17	4.14	2	14:18
J-771	JUNCTION	2.69	6.95	3.39	2	13:09	3.39	2	13:09
J-772	JUNCTION	2.80	6.90	3.34	2	13:02	3.34	2	13:02
J-774	JUNCTION	2.78	6.89	3.33	2	12:48	3.33	2	12:48
J-776	JUNCTION	2.67	6.89	3.33	2	12:23	3.33	2	12:24
J-778	JUNCTION	2.59	6.85	3.29	3	01:40	3.29	2	12:17
J-77A	JUNCTION	2.63	13.56	10.00	3	00:31	7.04	2	21:45
J-77B	JUNCTION	2.63	7.72	4.16	2	14:26	4.14	2	14:30
J-780	JUNCTION	2.61	6.86	3.30	2	12:42	3.30	2	12:43
J-782	JUNCTION	2.55	6.85	3.29	2	12:43	3.29	2	12:43
J-784	JUNCTION	2.49	6.99	3.43	2	12:28	3.43	2	12:28
J-786	JUNCTION	2.49	6.94	3.38	2	12:26	3.38	2	12:26

J-788	JUNCTION	2.50	6.87	3.31	2	12:20	3.31	2	12:21
J-790	JUNCTION	2.54	6.87	3.31	2	15:07	3.31	2	15:15
J-792	JUNCTION	2.61	6.87	3.31	2	11:56	3.31	2	11:56
J-793	JUNCTION	2.60	6.88	3.32	2	11:57	3.32	2	11:57
J-795	JUNCTION	2.54	6.86	3.30	2	11:58	3.30	2	11:58
J-799	JUNCTION	1.54	7.04	3.44	3	01:47	3.44	3	02:44
J-799-WEIR-EAC	JUNCTION	3.50	7.36	3.76	3	00:28	3.75	3	00:29
J-80	JUNCTION	2.73	7.68	4.12	2	14:19	4.12	2	14:20
J-800	JUNCTION	1.54	6.62	3.02	2	16:22	3.02	2	16:22
J-802	JUNCTION	1.55	6.62	3.02	2	16:23	3.02	2	16:23
J-806	JUNCTION	1.48	6.49	2.89	2	15:22	2.89	2	15:23
J-809	JUNCTION	1.46	6.48	2.88	2	15:12	2.88	2	15:15
J-810	JUNCTION	1.47	6.48	2.88	2	15:11	2.88	2	15:16
J-813	JUNCTION	1.48	6.51	2.91	2	15:14	2.91	2	15:15
J-816	JUNCTION	1.49	6.54	2.94	2	15:17	2.94	2	15:18
J-819	JUNCTION	1.50	6.55	2.95	2	15:12	2.95	2	15:13
J-82	JUNCTION	3.24	8.28	4.22	2	14:51	4.22	2	14:31
J-822	JUNCTION	1.51	6.57	2.97	2	15:10	2.97	2	15:10
J-826	JUNCTION	1.59	6.67	3.07	2	16:53	3.07	2	16:53
J-829	JUNCTION	1.58	6.66	3.06	2	16:40	3.06	2	16:40
J-83	JUNCTION	3.17	8.28	4.22	2	14:50	4.22	2	14:51
J-831	JUNCTION	1.57	6.66	3.06	2	16:36	3.06	2	16:36
J-836	JUNCTION	1.57	6.65	3.05	2	16:27	3.05	2	16:28
J-838	JUNCTION	1.19	6.08	2.48	2	12:56	2.48	2	12:57
J-83A	JUNCTION	3.17	14.06	10.00	3	03:51	5.65	2	15:08
J-84	JUNCTION	3.21	8.27	4.21	2	14:51	4.21	2	14:51
J-841	JUNCTION	1.18	5.93	2.33	2	13:19	2.33	2	13:20
J-844	JUNCTION	1.18	5.87	2.27	2	13:26	2.27	2	13:27
J-848	JUNCTION	1.17	6.05	2.45	2	12:35	2.45	2	15:18
J-850	JUNCTION	1.16	6.61	3.01	2	14:45	2.99	2	15:02
J-851	JUNCTION	1.14	6.30	2.70	2	14:45	2.70	2	14:34
J-856	JUNCTION	5.66	6.69	-2.31	2	12:15	-2.31	2	12:15
J-860	JUNCTION	0.40	1.40	-2.20	2	12:15	-2.20	2	12:15
J-863	JUNCTION	0.42	2.90	-0.70	2	12:16	-1.77	2	12:15
J-865	JUNCTION	0.44	4.84	1.24	2	12:18	-1.08	2	12:15
J-868	JUNCTION	0.44	5.83	2.23	2	12:18	-0.91	2	12:15
J-87	JUNCTION	2.84	7.82	3.76	2	16:34	3.76	2	16:34
J-870	JUNCTION	0.45	6.19	2.59	2	12:18	-0.23	2	12:15
J-879	JUNCTION	3.17	7.06	3.50	3	03:13	3.50	2	02:06
J-88	JUNCTION	2.84	7.77	3.71	2	16:57	3.71	2	16:57
J-880	JUNCTION	3.78	6.13	2.07	2	12:19	2.07	2	12:20
J-881	JUNCTION	3.37	8.23	4.67	3	00:31	4.67	1	19:49
J-882	JUNCTION	3.41	5.68	2.12	2	12:40	2.12	2	12:41
J-883	JUNCTION	5.32	7.78	2.22	2	12:36	2.22	2	12:37
J-884	JUNCTION	3.33	6.08	2.52	2	22:05	2.36	2	18:44
J-888	JUNCTION	2.68	7.29	3.73	2	18:29	3.73	2	18:30
J-889	JUNCTION	2.67	7.29	3.73	2	18:06	3.73	2	18:06
J-891	JUNCTION	2.67	7.29	3.73	2	18:05	3.73	2	18:05
J-892	JUNCTION	2.67	7.29	3.73	2	18:05	3.73	2	18:05
J-894	JUNCTION	2.67	7.28	3.72	2	19:52	3.72	2	19:53
J-896	JUNCTION	2.67	7.27	3.71	2	20:25	3.70	2	20:26
J-899	JUNCTION	2.66	7.30	3.74	2	19:15	3.74	2	19:15
J-899A	JUNCTION	2.66	7.58	4.02	2	15:23	3.92	2	17:41
J-902	JUNCTION	3.97	9.67	5.21	2	12:37	3.94	2	12:56
J-903	JUNCTION	3.92	8.06	3.69	2	20:07	3.69	2	20:08
J-903A	JUNCTION	3.11	12.06	8.50	2	14:56	6.22	2	15:53
J-910	JUNCTION	3.19	5.68	2.12	2	12:14	2.12	2	12:15
J-912	JUNCTION	3.20	7.25	3.69	2	12:14	3.68	2	12:15
J-917	JUNCTION	2.73	9.50	6.00	1	17:34	4.59	2	08:39
J-918	JUNCTION	2.74	6.54	3.04	2	09:32	3.04	2	09:33
J-920	JUNCTION	2.79	7.40	3.40	2	08:13	1.20	1	20:52
J-934	JUNCTION	2.64	7.27	3.71	2	15:53	3.70	2	20:24
J-934A	JUNCTION	2.64	10.05	6.49	2	15:44	5.01	2	15:53
J-951	JUNCTION	2.27	8.18	4.62	2	12:00	4.62	2	11:56
J-953	JUNCTION	2.29	7.62	4.06	2	19:06	4.06	2	22:26
J-954	JUNCTION	2.73	7.03	3.47	2	08:15	3.46	2	09:31
J-958	JUNCTION	1.55	5.00	3.64	2	20:07	3.64	2	20:08
J-96	JUNCTION	2.80	7.75	3.69	2	16:37	3.69	2	16:37
J-963	JUNCTION	3.48	7.99	3.43	2	21:11	3.43	2	21:12
J-99	JUNCTION	2.38	7.25	3.69	2	16:54	3.69	2	16:54
JCT-24	JUNCTION	4.39	6.17	2.61	2	17:50	2.50	2	13:55
JCT-26	JUNCTION	4.26	8.48	2.55	2	12:26	2.55	2	12:27
JCT-26-WEIR	JUNCTION	1.20	8.04	2.55	2	14:54	2.54	2	12:27
JCT-28	JUNCTION	3.12	5.44	1.38	2	12:16	1.26	2	12:16
JCT-28-WEIR	JUNCTION	0.58	4.73	1.17	2	12:12	0.74	2	12:19
JCT-30	JUNCTION	3.50	7.97	3.41	2	21:02	3.41	2	21:02
JCT-32	JUNCTION	1.21	3.96	0.40	2	12:15	0.39	2	12:15
JCT-32-WEIR	JUNCTION	0.39	3.87	0.31	2	12:15	0.31	2	12:15
JCT-36	JUNCTION	3.70	4.85	1.29	2	12:14	1.29	2	12:15
JCT-46	JUNCTION	4.52	7.72	4.16	2	12:06	4.16	2	12:06

JCT-64	JUNCTION	3.64	7.61	3.61	2	16:50	3.61	2	16:50
J-171	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-263	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-279	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-33A	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-386	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-442	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-561A	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-567A	OUTFALL	0.00	0.00	-4.00	0	00:00	-4.00	0	00:00
J-582	OUTFALL	5.21	6.10	0.60	0	21:00	0.60	0	21:00
J-605	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-671	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-694	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-703	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-909	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-911	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-913	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-919	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-920A	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
J-963A	OUTFALL	2.28	3.16	0.60	0	21:00	0.60	0	21:00
J575A	OUTFALL	3.72	4.60	0.60	0	21:00	0.60	0	21:00
OFALL-10	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-12	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-14	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-16	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-18	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-20	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-22	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-24	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-26	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-28	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-30	OUTFALL	0.00	0.00	-2.00	0	00:00	-2.00	0	00:00
OFALL-32	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-34	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-36	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-38	OUTFALL	0.00	0.00	-2.56	0	00:00	-2.56	0	00:00
OFALL-40	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-42	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-44	OUTFALL	0.00	0.00	-2.50	0	00:00	-2.50	0	00:00
OFALL-46	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-48	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-50	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-52	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-54	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-66	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
WELL-2E	OUTFALL	3.46	6.50	4.00	2	11:56	4.00	2	11:57
WELL-3	OUTFALL	1.63	2.63	1.13	2	12:15	1.13	2	12:15
WELL-4	OUTFALL	1.63	2.76	1.26	2	12:15	1.26	2	12:15
WELL-W-ENID-DR	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-856-STORAGE-NEW	STORAGE	6.22	8.23	-7.77	2	12:08	-7.80	2	12:09

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error gal or %
J-102	JUNCTION	0.00	9.97	2	10:40	0	2.81	-2.834 %
J-104	JUNCTION	4.51	7.22	2	11:50	0.411	2.26	13.998 %
J-106	JUNCTION	0.00	8.48	2	10:17	0	1.05	9.607 %
J-109	JUNCTION	0.00	11.68	2	10:42	0	3.51	7.851 %
J-11	JUNCTION	0.00	14.38	3	04:17	0	3.28	7.702 %
J-110	JUNCTION	5.31	10.88	2	12:14	0.447	1.94	0.621 %
J-113	JUNCTION	0.00	12.10	2	12:02	0	3.24	6.170 %
J-114	JUNCTION	0.00	21.32	3	05:06	0	3.41	-0.642 %
J-118	JUNCTION	0.00	19.30	3	03:49	0	3.69	0.636 %
J-12	JUNCTION	0.00	15.65	3	03:16	0	2.26	0.711 %
J-121	JUNCTION	5.21	6.27	2	08:59	0.419	0.698	10.186 %
J-126	JUNCTION	12.26	31.54	2	13:22	1.22	1.61	0.132 %
J-126A	JUNCTION	0.00	25.11	2	13:22	0	0.449	0.000 %
J-127	JUNCTION	0.00	7.73	2	10:34	0	1.2	-0.664 %
J-128	JUNCTION	0.00	9.21	2	10:29	0	1.29	-1.596 %
J-129	JUNCTION	9.49	10.06	2	12:14	0.8	1.92	-1.240 %
J-130	JUNCTION	0.00	9.63	3	03:48	0	2.57	1.637 %
J-131	JUNCTION	0.00	7.42	3	01:00	0	2.29	1.209 %

J-132	JUNCTION	7.21	7.21	2	12:14	0.623	1.49	1.448 %
J-137	JUNCTION	0.00	3.66	2	09:53	0	0.934	8.581 %
J-139	JUNCTION	0.00	4.50	2	11:40	0	1.71	2.298 %
J-140	JUNCTION	0.00	4.68	3	03:49	0	1.7	2.955 %
J-147	JUNCTION	8.58	9.20	2	12:14	0.751	1.78	0.696 %
J-148	JUNCTION	0.00	5.17	2	10:30	0	1.32	3.160 %
J-149	JUNCTION	0.00	3.81	2	11:49	0	0.189	8.006 %
J-15	JUNCTION	1.46	22.38	2	11:52	0.106	2.01	1.687 %
J-152	JUNCTION	7.37	7.37	2	12:14	0.642	1.24	1.323 %
J-153	JUNCTION	0.00	3.65	2	08:52	0	0.684	7.069 %
J-155	JUNCTION	0.00	3.79	1	22:14	0	0.685	9.751 %
J-156	JUNCTION	0.00	3.70	2	10:14	0	0.716	11.927 %
J-158	JUNCTION	12.28	22.64	2	11:01	1.34	2.66	0.134 %
J-158A	JUNCTION	0.00	19.30	2	09:57	0	1.37	0.358 %
J-15A	JUNCTION	0.00	9.56	2	11:52	0	0.378	6.822 %
J-160	JUNCTION	0.00	11.42	2	11:28	0	1.29	0.894 %
J-161	JUNCTION	3.37	6.89	3	00:36	0.294	2.52	-0.359 %
J-162	JUNCTION	0.00	7.23	2	15:34	0	2.53	-0.969 %
J-163	JUNCTION	2.16	11.06	3	01:40	0.179	2.72	2.421 %
J-164	JUNCTION	0.00	7.49	3	02:50	0	2.63	1.333 %
J-165	JUNCTION	1.88	7.64	2	14:21	0.153	2.76	1.148 %
J-166	JUNCTION	3.63	8.83	2	12:28	0.32	3.02	0.078 %
J-167	JUNCTION	0.00	13.76	2	14:17	0	3.26	1.152 %
J-168	JUNCTION	0.00	4.06	2	10:23	0	0.543	6.829 %
J-169	JUNCTION	2.38	4.19	2	12:14	0.184	0.533	8.010 %
J-170	JUNCTION	2.16	3.41	2	10:22	0.163	0.265	9.852 %
J-174	JUNCTION	0.00	4.65	2	10:02	0	0.386	21.563 %
J-175	JUNCTION	0.00	2.18	2	08:46	0	0.145	36.489 %
J-176	JUNCTION	0.00	7.69	2	08:46	0	1.28	1.167 %
J-179	JUNCTION	0.00	11.14	2	08:53	0	2.51	-6.778 %
J-18	JUNCTION	4.63	22.54	2	11:52	0.384	1.99	1.479 %
J-180	JUNCTION	4.06	20.88	2	10:48	0.329	1.03	0.323 %
J-180A	JUNCTION	0.00	24.91	2	16:09	0	0.696	-13.687 %
J-185	JUNCTION	7.29	22.49	2	11:46	0.643	1.57	0.662 %
J-185A	JUNCTION	0.00	15.82	2	10:35	0	0.66	-21.291 %
J-188	JUNCTION	7.52	21.61	2	09:50	0.638	1.08	0.732 %
J-188A	JUNCTION	0.00	17.48	2	10:22	0	0.427	-5.297 %
J-191	JUNCTION	5.40	29.41	2	13:37	0.436	1.66	0.380 %
J-191A	JUNCTION	0.00	24.84	2	13:37	0	1.38	0.000 %
J-195	JUNCTION	0.00	23.04	2	10:30	0	1.74	0.655 %
J-195A	JUNCTION	0.00	21.53	2	10:30	0	1.4	0.688 %
J-198	JUNCTION	9.35	9.69	2	12:14	0.886	1.55	6.233 %
J-199	JUNCTION	0.00	4.85	1	17:35	0	1.31	6.124 %
J-19A	JUNCTION	0.00	17.18	2	10:48	0	0.399	-12.372 %
J-203	JUNCTION	3.53	7.62	2	09:43	0.31	1.57	-1.402 %
J-204	JUNCTION	0.00	5.57	2	04:02	0	1.3	1.493 %
J-206	JUNCTION	0.00	4.71	2	08:09	0	1.53	6.907 %
J-208	JUNCTION	2.97	6.94	2	10:31	0.254	2.29	-0.992 %
J-209	JUNCTION	5.18	5.18	2	12:14	0.482	1.21	12.359 %
J-212	JUNCTION	0.00	3.88	2	09:24	0	1.01	12.899 %
J-213	JUNCTION	3.89	14.27	2	11:07	0.346	1.75	0.231 %
J-213A	JUNCTION	0.00	12.87	2	10:02	0	1.35	15.365 %
J-217	JUNCTION	6.00	7.88	2	04:45	0.493	1.04	-12.455 %
J-218	JUNCTION	0.00	10.47	2	09:28	0	1.51	1.600 %
J-222	JUNCTION	0.00	24.50	0	20:55	0	2.32	-2.618 %
J-223	JUNCTION	5.50	42.53	2	01:24	0.472	4.07	-0.310 %
J-223A	JUNCTION	0.00	37.15	0	19:24	0	1.87	2.072 %
J-225	JUNCTION	0.00	3.91	1	05:18	0	1.03	6.987 %
J-226	JUNCTION	3.57	4.34	2	11:48	0.265	1.18	4.565 %
J-232	JUNCTION	0.00	3.35	2	04:57	0	1.11	9.828 %
J-233	JUNCTION	4.47	6.63	2	11:48	0.354	1.47	6.965 %
J-235	JUNCTION	0.00	10.88	2	00:29	0	3.37	1.210 %
J-238	JUNCTION	4.23	11.95	2	09:44	0.335	2.87	9.836 %
J-24	JUNCTION	0.00	5.26	2	10:37	0	0.911	4.915 %
J-242	JUNCTION	2.96	6.31	1	11:21	0.253	0.628	20.365 %
J-244	JUNCTION	3.03	4.54	1	10:51	0.261	0.521	2.302 %
J-247	JUNCTION	5.43	5.98	2	12:14	0.436	1.21	3.662 %
J-248	JUNCTION	0.00	14.22	2	01:57	0	1.51	5.111 %
J-249	JUNCTION	7.35	16.46	2	10:06	0.612	4.1	2.198 %
J-25	JUNCTION	6.03	24.15	2	11:47	0.576	2.09	0.985 %
J-253	JUNCTION	5.28	5.28	2	12:14	0.413	0.68	-5.925 %
J-254	JUNCTION	0.00	5.39	1	09:34	0	1.04	8.001 %
J-256	JUNCTION	7.36	7.77	2	12:14	0.607	1.42	-12.350 %
J-259	JUNCTION	0.00	4.44	2	08:37	0	1.48	4.192 %
J-25A	JUNCTION	0.00	16.53	2	11:49	0	0.431	-5.874 %
J-260	JUNCTION	0.00	7.67	2	22:40	0	1.4	-0.856 %
J-261	JUNCTION	0.00	68.09	3	00:04	0	2.94	-1.770 %
J-261-WEIR	JUNCTION	0.00	60.49	2	14:45	0	2.31	-16.256 %
J-262	JUNCTION	0.00	9.04	2	23:31	0	2.57	-0.180 %
J-266	JUNCTION	4.79	7.97	0	21:34	0.38	2.21	-1.791 %

J-267	JUNCTION	4.59	7.36	1	21:21	0.419	2.12	-0.634 %
J-268	JUNCTION	0.00	25.30	2	08:37	0	4.77	4.970 %
J-268-WEIR	JUNCTION	0.00	18.66	2	15:19	0	0.646	-33.431 %
J-269	JUNCTION	0.00	9.13	1	20:24	0	3.37	2.462 %
J-27	JUNCTION	4.78	20.76	2	11:48	0.439	1.42	0.622 %
J-271	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J-275	JUNCTION	0.00	34.61	1	08:13	0	3.68	1.577 %
J-278	JUNCTION	0.00	7.23	3	01:45	0	3.82	1.687 %
J-27A	JUNCTION	0.00	17.14	2	11:49	0	0.436	9.773 %
J-280	JUNCTION	0.00	7.00	3	00:32	0	3.97	2.923 %
J-281	JUNCTION	0.00	8.11	3	00:34	0	4	1.862 %
J-282	JUNCTION	5.16	8.53	2	12:15	0.455	4.04	-0.850 %
J-283	JUNCTION	0.00	8.22	3	04:08	0	3.79	1.526 %
J-284	JUNCTION	0.00	25.20	2	00:38	0	7.83	0.029 %
J-284-WEIR	JUNCTION	0.00	2.11	2	18:44	0	0.391	0.062 %
J-285	JUNCTION	0.00	31.67	1	08:14	0	7.15	-1.072 %
J-286	JUNCTION	0.00	27.28	2	09:08	0	4.98	-3.696 %
J-288	JUNCTION	2.99	32.35	2	11:36	0.257	6.82	0.430 %
J-288A	JUNCTION	0.00	27.76	1	22:30	0	1.63	-4.157 %
J-290	JUNCTION	9.49	29.13	3	05:57	0.867	2.7	0.419 %
J-290A	JUNCTION	0.00	26.07	3	05:57	0	1.49	0.000 %
J-293	JUNCTION	0.00	7.16	2	05:48	0	1.76	4.299 %
J-295	JUNCTION	0.00	7.47	3	05:10	0	1.69	-0.010 %
J-296	JUNCTION	1.83	6.66	2	05:48	0.149	1.82	3.231 %
J-297	JUNCTION	0.00	22.30	2	01:00	0	2	2.367 %
J-30	JUNCTION	0.00	3.18	2	11:35	0	0.854	7.332 %
J-300	JUNCTION	1.85	20.61	2	07:12	0.15	4.86	-3.459 %
J-301	JUNCTION	0.00	16.61	1	22:31	0	4.6	-0.551 %
J-304	JUNCTION	0.00	10.76	2	09:10	0	2.88	-0.694 %
J-305	JUNCTION	4.97	15.25	2	09:05	0.409	2.78	0.776 %
J-31	JUNCTION	5.05	25.81	2	11:49	0.448	1.87	0.488 %
J-310	JUNCTION	4.80	8.82	2	09:27	0.389	2.44	0.923 %
J-312	JUNCTION	0.00	9.84	2	09:27	0	3.82	1.351 %
J-314	JUNCTION	4.62	16.39	3	05:53	0.397	1.35	0.291 %
J-314A	JUNCTION	0.00	14.66	3	05:53	0	0.755	-0.147 %
J-317	JUNCTION	3.93	5.89	2	12:14	0.35	2.14	2.554 %
J-31A	JUNCTION	0.00	18.81	2	11:49	0	0.811	-15.044 %
J-321	JUNCTION	3.85	17.84	2	11:41	0.317	1.15	0.398 %
J-321A	JUNCTION	0.00	15.77	2	11:41	0	0.634	-4.711 %
J-323	JUNCTION	0.00	3.24	2	11:24	0	0.938	4.348 %
J-324	JUNCTION	5.83	16.44	2	11:41	0.5	1.37	0.298 %
J-324A	JUNCTION	0.00	14.63	2	11:41	0	0.767	-3.680 %
J-327	JUNCTION	0.00	4.03	2	10:50	0	0.566	12.334 %
J-328	JUNCTION	3.87	17.89	2	11:45	0.354	0.752	0.731 %
J-328A	JUNCTION	0.00	18.45	2	11:45	0	0.566	1.468 %
J-33	JUNCTION	0.00	7.11	2	11:48	0	2.17	1.508 %
J-333	JUNCTION	0.00	2.67	2	10:11	0	0.803	17.182 %
J-334	JUNCTION	0.00	3.49	2	10:22	0	0.886	9.619 %
J-335	JUNCTION	0.00	3.63	2	10:05	0	0.87	14.792 %
J-341	JUNCTION	10.52	46.02	2	13:51	0.947	2.06	0.324 %
J-341A	JUNCTION	0.00	35.93	2	13:52	0	1.56	-0.010 %
J-342	JUNCTION	10.62	14.29	2	12:14	0.905	3.02	0.528 %
J-343	JUNCTION	0.00	5.85	2	02:29	0	0.937	14.905 %
J-348	JUNCTION	0.00	3.87	2	11:42	0	0.804	14.794 %
J-351	JUNCTION	5.59	25.16	3	05:40	0.499	1.55	0.425 %
J-351A	JUNCTION	0.00	25.78	3	05:40	0	1.28	-7.256 %
J-354	JUNCTION	5.39	27.07	2	13:17	0.497	1.36	1.968 %
J-354A	JUNCTION	0.00	82.23	2	12:38	0	1.98	1.541 %
J-354B	JUNCTION	0.00	85.76	2	12:42	0	1.85	-13.203 %
J-355	JUNCTION	6.79	22.39	2	11:44	0.519	0.947	-16.515 %
J-355A	JUNCTION	0.00	17.34	2	11:43	0	0.346	-22.595 %
J-359	JUNCTION	0.00	10.21	2	15:22	0	0.614	0.054 %
J-36	JUNCTION	0.00	4.54	2	12:00	0	1.64	6.951 %
J-362	JUNCTION	0.00	5.40	2	11:37	0	2.12	1.030 %
J-363	JUNCTION	4.53	6.55	2	11:51	0.455	2.55	0.043 %
J-364	JUNCTION	0.00	7.90	2	10:55	0	2.55	0.120 %
J-367	JUNCTION	0.00	6.96	2	10:59	0	1.78	10.495 %
J-368	JUNCTION	7.84	9.78	2	11:47	0.779	2.25	0.359 %
J-369	JUNCTION	0.00	8.47	2	11:41	0	1.97	3.061 %
J-374	JUNCTION	0.00	7.17	2	11:40	0	2.58	0.212 %
J-375	JUNCTION	0.00	25.19	2	11:26	0	2.13	-1.540 %
J-380	JUNCTION	4.93	31.62	3	05:09	0.463	3.34	0.008 %
J-380A	JUNCTION	0.00	23.20	3	04:43	0	0.764	0.553 %
J-381	JUNCTION	0.00	10.96	2	11:51	0	2.74	-0.756 %
J-384	JUNCTION	7.69	35.17	2	11:39	0.724	4.31	-0.335 %
J-385	JUNCTION	0.00	15.06	2	09:33	0	2.86	0.654 %
J-388	JUNCTION	4.31	13.09	3	05:52	0.367	3.37	11.049 %
J-389	JUNCTION	0.00	10.13	2	10:14	0	1.57	2.735 %
J-393	JUNCTION	0.00	6.47	2	10:28	0	1.28	16.476 %
J-396	JUNCTION	6.19	6.19	2	12:14	0.59	1.27	10.147 %

J-399	JUNCTION	0.00	4.63	3	05:20	0	0.833	18.925 %
J-40	JUNCTION	4.68	61.36	2	10:40	0.428	2.14	0.677 %
J-402	JUNCTION	7.75	21.61	3	04:34	0.742	1.27	0.657 %
J-402A	JUNCTION	0.00	20.62	3	04:34	0	0.545	0.736 %
J-405	JUNCTION	0.00	4.90	2	10:36	0	0.889	11.305 %
J-407	JUNCTION	0.00	4.82	2	10:34	0	0.916	12.094 %
J-409	JUNCTION	0.00	6.41	3	05:19	0	1.03	4.083 %
J-40A	JUNCTION	0.00	15.14	2	11:48	0	0.429	-2.732 %
J-40B	JUNCTION	0.00	15.14	2	11:48	0	1.02	3.504 %
J-40C	JUNCTION	0.00	15.55	2	11:48	0	0.701	-14.662 %
J-410	JUNCTION	4.94	8.74	3	03:44	0.435	1.55	9.524 %
J-412	JUNCTION	0.00	8.64	3	05:35	0	2.74	2.254 %
J-414	JUNCTION	0.00	6.54	2	11:07	0	1.43	4.482 %
J-415	JUNCTION	5.90	52.82	3	04:13	0.52	2.39	-0.001 %
J-415A	JUNCTION	0.00	19.46	3	04:13	0	1.21	0.213 %
J-415B	JUNCTION	0.00	19.55	3	04:13	0	0.79	0.074 %
J-416	JUNCTION	0.00	9.99	3	04:14	0	1.38	2.951 %
J-417	JUNCTION	0.00	17.82	2	10:38	0	4.6	-2.014 %
J-42	JUNCTION	3.69	22.88	2	08:56	0.302	1.54	-0.431 %
J-421	JUNCTION	7.56	9.62	2	10:22	0.766	2.13	0.898 %
J-422	JUNCTION	3.67	28.32	2	11:22	0.334	1.04	0.723 %
J-422A	JUNCTION	0.00	23.61	2	11:20	0	1.25	0.243 %
J-423	JUNCTION	12.21	35.24	3	02:15	1.12	7.61	-0.373 %
J-423A	JUNCTION	0.00	27.67	3	02:36	0	2.1	0.102 %
J-424	JUNCTION	0.00	5.00	3	03:19	0	1.73	5.834 %
J-427	JUNCTION	0.00	4.08	3	03:46	0	1.74	6.040 %
J-42A	JUNCTION	0.00	21.39	2	08:25	0	0.573	1.163 %
J-430	JUNCTION	7.84	19.15	3	05:06	0.706	2.38	0.598 %
J-430A	JUNCTION	0.00	15.68	3	05:06	0	1.28	-11.681 %
J-431	JUNCTION	6.34	50.93	3	05:22	0.592	3.65	-0.611 %
J-431A	JUNCTION	0.00	21.59	2	10:23	0	1.62	12.313 %
J-432	JUNCTION	0.00	10.07	3	03:57	0	1.51	8.957 %
J-432B	JUNCTION	0.00	21.59	2	10:23	0	1.39	0.243 %
J-433	JUNCTION	0.00	7.95	1	16:57	0	1.35	9.550 %
J-434	JUNCTION	0.00	11.58	0	16:15	0	1.32	7.704 %
J-435	JUNCTION	0.00	8.10	0	16:26	0	1.31	10.042 %
J-436	JUNCTION	0.00	8.51	1	13:44	0	1.33	3.566 %
J-437	JUNCTION	6.39	8.60	2	12:05	0.616	1.75	-0.709 %
J-438	JUNCTION	5.39	6.68	2	12:15	0.462	0.792	-14.447 %
J-439	JUNCTION	0.00	6.95	2	06:23	0	2.28	6.568 %
J-440	JUNCTION	5.96	31.28	2	14:28	0.584	7.63	0.242 %
J-441	JUNCTION	0.00	20.25	2	14:10	0	2.03	-4.417 %
J-444	JUNCTION	0.00	115.58	2	12:37	0	5.42	0.023 %
J-444-WEIR	JUNCTION	0.00	73.04	2	12:34	0	2.01	-37.968 %
J-445	JUNCTION	1.80	44.43	2	12:37	0.134	5.69	0.011 %
J-448	JUNCTION	0.00	17.36	2	07:46	0	3.12	2.069 %
J-450	JUNCTION	0.00	20.17	3	02:15	0	5.92	2.325 %
J-454	JUNCTION	0.00	14.72	2	07:46	0	3.2	1.040 %
J-455	JUNCTION	0.00	25.37	2	06:36	0	3.2	0.037 %
J-459	JUNCTION	9.03	30.35	2	08:15	0.919	4.39	0.575 %
J-459A	JUNCTION	0.00	21.95	2	08:15	0	1.64	0.000 %
J-460-NEW	JUNCTION	0.00	24.15	2	07:01	0	3.01	0.418 %
J-463	JUNCTION	0.00	23.41	2	06:58	0	3.23	0.521 %
J-466	JUNCTION	0.00	124.57	2	11:12	0	6.39	-1.349 %
J-468	JUNCTION	0.00	18.16	2	06:39	0	0.446	27.637 %
J-47	JUNCTION	1.54	13.25	2	11:06	0.272	3.55	10.227 %
J-470	JUNCTION	1.13	52.55	2	10:39	0.246	4.53	-2.672 %
J-471	JUNCTION	0.00	65.96	2	11:12	0	4.96	-7.221 %
J-478	JUNCTION	0.00	76.78	2	11:17	0	7.23	-8.006 %
J-479	JUNCTION	1.00	61.67	2	08:35	0.206	6.64	-2.961 %
J-480	JUNCTION	1.35	46.71	2	07:51	0.231	4.98	-13.934 %
J-481	JUNCTION	4.35	27.28	2	06:50	0.342	4.13	-14.689 %
J-482	JUNCTION	2.93	28.17	1	06:18	0.291	4.37	-10.155 %
J-484	JUNCTION	0.00	19.06	2	07:11	0	1.4	0.705 %
J-485	JUNCTION	0.00	18.56	2	05:23	0	1.95	5.868 %
J-486	JUNCTION	0.00	32.43	2	06:41	0	5.36	0.842 %
J-487	JUNCTION	3.42	23.86	2	07:19	0.318	4.07	-1.080 %
J-489	JUNCTION	4.60	18.09	1	22:19	0.413	3.7	-3.683 %
J-491	JUNCTION	0.00	15.09	2	06:52	0	3.41	0.804 %
J-492	JUNCTION	0.00	9.58	2	07:25	0	3.37	3.559 %
J-493	JUNCTION	1.12	15.93	2	10:42	0.217	5.79	5.114 %
J-495	JUNCTION	0.00	21.16	2	11:47	0	3.75	7.698 %
J-497	JUNCTION	2.25	5.72	2	11:24	0.249	1.58	7.724 %
J-498	JUNCTION	5.50	18.44	2	11:48	0.613	1.12	-0.186 %
J-498A	JUNCTION	0.00	16.84	2	11:48	0	0.575	0.514 %
J-499	JUNCTION	0.00	7.58	2	08:56	0	0.673	1.436 %
J-5	JUNCTION	11.14	28.37	2	10:41	0.953	4.46	-0.634 %
J-50	JUNCTION	0.00	10.42	2	09:05	0	2.88	12.268 %
J-500	JUNCTION	0.00	10.10	2	10:53	0	0.671	3.058 %
J-505	JUNCTION	0.00	9.30	2	11:35	0	0.684	5.379 %

J-508	JUNCTION	8.25	10.87	2	11:35	0.934	1.48	2.312 %
J-51	JUNCTION	0.00	26.65	3	05:52	0	3.72	7.899 %
J-512	JUNCTION	1.90	9.92	2	11:37	0.212	1.41	3.551 %
J-518	JUNCTION	2.01	8.39	2	11:16	0.222	1.52	1.970 %
J-53	JUNCTION	0.00	3.43	2	09:13	0	0.0604	-3.638 %
J-534	JUNCTION	4.63	7.33	2	12:14	0.516	2.14	-0.168 %
J-537	JUNCTION	0.00	8.63	2	06:36	0	1.66	0.246 %
J-539	JUNCTION	1.94	70.51	2	07:53	0.222	3.12	0.169 %
J-539-WEIR	JUNCTION	0.00	125.64	2	07:31	0	1.18	-5.440 %
J-539A	JUNCTION	0.00	140.43	2	11:55	0	2.59	0.000 %
J-54	JUNCTION	6.02	26.79	2	12:01	0.578	1.39	2.220 %
J-541	JUNCTION	4.85	5.94	2	05:38	0.418	0.579	-2.255 %
J-544	JUNCTION	1.59	7.59	2	09:05	0.295	2.91	11.203 %
J-548	JUNCTION	0.00	30.85	3	05:54	0	3.64	-5.122 %
J-54A	JUNCTION	0.00	12.81	2	11:19	0	0.66	24.254 %
J-54B	JUNCTION	0.00	10.87	2	11:45	0	0.39	2.872 %
J-550	JUNCTION	0.99	24.32	2	11:41	0.18	3.72	-12.171 %
J-553	JUNCTION	0.00	23.02	0	22:01	0	4.42	12.188 %
J-554	JUNCTION	0.00	39.05	1	06:14	0	19.3	0.267 %
J-555	JUNCTION	4.59	44.75	2	09:10	0.524	18.4	-1.800 %
J-557	JUNCTION	3.64	15.46	2	14:32	0.321	14.1	-0.375 %
J-558	JUNCTION	0.00	20.42	2	14:34	0	14.1	-0.203 %
J-559	JUNCTION	2.36	32.55	2	06:52	0.197	17.7	0.250 %
J-560	JUNCTION	0.00	30.42	2	14:05	0	17.5	-0.107 %
J-561	JUNCTION	0.00	28.45	2	12:18	0	17.6	0.056 %
J-563	JUNCTION	5.76	26.92	2	09:52	0.484	1.77	1.261 %
J-563A	JUNCTION	0.00	25.07	2	09:01	0	1.16	0.000 %
J-565	JUNCTION	0.00	14.51	3	05:01	0	3.17	14.923 %
J-566	JUNCTION	0.00	237.80	3	00:16	0	4.73	-11.009 %
J-566-WEIR	JUNCTION	0.00	185.41	2	20:38	0	1.86	-53.905 %
J-567	JUNCTION	0.00	9.32	3	05:48	0	1.51	0.394 %
J-568	JUNCTION	0.00	28.09	2	12:35	0	1.56	0.919 %
J-569	JUNCTION	0.00	51.82	2	12:34	0	1.7	0.208 %
J-570	JUNCTION	0.00	42.58	2	12:36	0	1.79	0.173 %
J-571	JUNCTION	13.31	51.75	3	02:57	1.31	4.48	0.441 %
J-571A	JUNCTION	0.00	22.56	3	02:57	0	1.01	0.205 %
J-571B	JUNCTION	0.00	22.99	3	02:57	0	0.868	8.156 %
J-572A	JUNCTION	0.00	5.86	2	12:12	0	0.202	-1.136 %
J-572B	JUNCTION	0.00	6.18	2	12:17	0	0.0523	0.000 %
J-575	JUNCTION	0.00	48.43	0	00:00	0	1.18	0.323 %
J-576	JUNCTION	0.00	3.78	3	00:04	0	0.795	2.508 %
J-577	JUNCTION	0.00	5.37	2	15:33	0	1.39	-0.691 %
J-578	JUNCTION	0.00	4.36	2	11:16	0	1.39	13.681 %
J-58	JUNCTION	3.59	21.34	2	09:09	0.326	0.811	1.052 %
J-581	JUNCTION	0.00	4.04	2	23:51	0	1.42	0.000 %
J-585	JUNCTION	9.93	20.44	2	19:27	0.871	1.42	0.425 %
J-585B	JUNCTION	0.00	16.09	2	23:20	0	0.616	0.282 %
J-588	JUNCTION	0.00	5.67	2	15:34	0	0.876	20.089 %
J-58A	JUNCTION	0.00	20.30	2	09:10	0	0.17	13.416 %
J-59	JUNCTION	5.56	45.11	2	09:40	0.478	1.38	1.426 %
J-591	JUNCTION	7.53	41.72	2	14:43	0.623	2.1	0.411 %
J-591A	JUNCTION	0.00	16.81	2	23:14	0	0.218	1.627 %
J-591B	JUNCTION	0.00	16.81	2	23:14	0	0.186	1.891 %
J-596	JUNCTION	0.00	2.03	2	08:11	0	0.046	47.808 %
J-596A	JUNCTION	0.00	18.23	2	15:31	0	0.527	0.041 %
J-598	JUNCTION	10.27	10.59	2	12:14	0.842	1.76	0.634 %
J-598A	JUNCTION	0.00	5.82	2	10:48	0	0.401	0.276 %
J-598B	JUNCTION	0.00	4.90	2	23:45	0	0.497	0.605 %
J-59A	JUNCTION	0.00	15.27	2	09:41	0	0.651	28.615 %
J-59B	JUNCTION	0.00	27.62	2	09:41	0	0.453	9.001 %
J-5A	JUNCTION	0.00	22.66	2	07:51	0	2.17	1.090 %
J-6	JUNCTION	0.00	15.19	3	03:44	0	1.76	7.305 %
J-60	JUNCTION	0.00	6.03	2	09:47	0	0.779	1.034 %
J-601	JUNCTION	0.00	5.82	2	16:03	0	1.07	7.956 %
J-602	JUNCTION	0.00	6.14	2	18:11	0	1.15	7.617 %
J-603	JUNCTION	0.00	8.87	2	15:18	0	1.79	-2.501 %
J-604	JUNCTION	0.00	8.35	2	14:27	0	1.17	0.194 %
J-606	JUNCTION	4.25	16.50	2	14:30	0.383	2.04	0.068 %
J-607	JUNCTION	0.00	8.56	2	15:27	0	1.94	10.038 %
J-609	JUNCTION	0.00	10.65	2	15:33	0	2.06	3.888 %
J-61	JUNCTION	3.60	20.19	2	10:13	0.291	2.24	1.264 %
J-611	JUNCTION	10.93	10.93	2	12:14	1.17	2.21	0.224 %
J-611A	JUNCTION	0.00	4.00	1	16:51	0	0.497	0.325 %
J-611B	JUNCTION	0.00	4.00	1	16:51	0	0.627	0.258 %
J-613	JUNCTION	0.00	4.42	2	15:33	0	1.14	8.868 %
J-615	JUNCTION	0.00	5.56	2	16:04	0	1.07	8.621 %
J-618	JUNCTION	3.46	3.48	2	11:03	0.303	0.649	29.969 %
J-61A	JUNCTION	0.00	52.28	2	12:13	0	2.53	4.099 %
J-623	JUNCTION	0.00	8.58	2	11:01	0	0.672	18.885 %
J-624	JUNCTION	6.17	26.28	2	11:48	0.591	2.22	1.741 %

J-624A	JUNCTION	0.00	18.86	2	11:48	0	0.98	-8.292 %
J-626	JUNCTION	0.00	7.23	2	04:07	0	1.78	4.266 %
J-629	JUNCTION	6.31	7.05	2	12:14	0.537	1.03	6.011 %
J-63	JUNCTION	8.30	8.30	2	12:14	0.782	1.43	0.605 %
J-632	JUNCTION	2.92	3.48	2	09:09	0.25	0.621	26.950 %
J-633	JUNCTION	5.30	11.43	2	11:47	0.459	1.74	3.918 %
J-637	JUNCTION	1.58	8.73	2	07:46	0.126	1.01	7.656 %
J-64	JUNCTION	0.00	7.48	2	10:56	0	0.863	4.504 %
J-640	JUNCTION	4.04	4.87	2	12:14	0.361	1.07	15.644 %
J-647	JUNCTION	3.20	44.31	2	12:31	0.297	3.81	0.823 %
J-647A	JUNCTION	0.00	21.13	2	11:48	0	1.38	-1.898 %
J-647B	JUNCTION	0.00	45.47	2	12:31	0	3.02	0.407 %
J-650	JUNCTION	0.00	13.25	2	10:04	0	3.18	0.923 %
J-653	JUNCTION	6.15	28.53	2	11:25	0.588	0.994	0.701 %
J-653A	JUNCTION	0.00	25.64	2	11:24	0	0.421	0.000 %
J-654	JUNCTION	7.02	23.60	2	11:46	0.586	1.05	1.040 %
J-654A	JUNCTION	0.00	20.80	2	11:46	0	0.538	0.000 %
J-657	JUNCTION	3.41	9.33	2	10:36	0.262	1.48	3.701 %
J-659	JUNCTION	1.98	13.64	1	17:06	0.142	2.03	0.851 %
J-663	JUNCTION	13.07	16.16	2	12:14	1.24	3.49	2.820 %
J-665	JUNCTION	4.92	10.67	2	12:14	0.413	3.62	0.926 %
J-666	JUNCTION	0.00	13.45	2	01:58	0	4.16	6.270 %
J-67	JUNCTION	4.45	8.26	2	10:50	0.348	2.83	-0.475 %
J-670	JUNCTION	0.00	13.41	2	01:58	0	1.6	12.714 %
J-672	JUNCTION	5.80	7.38	2	15:00	0.55	3.68	0.036 %
J-673	JUNCTION	0.00	72.60	2	11:49	0	3.45	-0.435 %
J-673A	JUNCTION	0.00	9.31	2	11:47	0	0.89	-2.319 %
J-678	JUNCTION	8.27	10.76	2	08:31	0.751	2.24	10.942 %
J-67A	JUNCTION	0.00	7.21	2	10:22	0	2.01	4.072 %
J-682	JUNCTION	4.01	5.70	2	12:14	0.358	0.382	0.157 %
J-684	JUNCTION	2.97	3.24	2	15:33	0.255	0.636	-0.435 %
J-686	JUNCTION	0.00	3.41	2	15:34	0	0.615	0.032 %
J-687	JUNCTION	3.55	4.83	2	12:14	0.32	0.936	-0.043 %
J-691	JUNCTION	0.00	7.83	2	18:07	0	0.94	-0.499 %
J-692	JUNCTION	0.00	6.79	2	15:34	0	0.944	0.012 %
J-692-WEIR	JUNCTION	0.00	4.90	2	15:54	0	0.201	0.407 %
J-693	JUNCTION	0.00	8.08	0	00:00	0	0.202	0.143 %
J-697	JUNCTION	0.00	2.44	2	10:18	0	0.348	4.210 %
J-7	JUNCTION	0.00	9.49	2	08:39	0	1.6	14.951 %
J-700	JUNCTION	5.54	5.54	2	12:14	0.521	0.822	1.117 %
J-701	JUNCTION	0.00	9.82	2	12:17	0	1.4	0.299 %
J-702	JUNCTION	0.00	10.89	2	12:32	0	1.4	-0.050 %
J-705	JUNCTION	0.00	6.04	2	12:25	0	0.628	0.668 %
J-707	JUNCTION	0.00	6.24	2	12:17	0	0.632	0.573 %
J-710	JUNCTION	6.54	6.54	2	12:14	0.633	0.633	0.353 %
J-712	JUNCTION	4.55	4.55	2	12:14	0.505	0.643	-17.334 %
J-714	JUNCTION	5.30	7.03	2	15:45	0.59	1.58	-2.336 %
J-719	JUNCTION	3.28	6.38	2	14:19	0.363	2.06	-2.732 %
J-72	JUNCTION	0.00	9.63	2	10:13	0	2.54	1.764 %
J-721	JUNCTION	0.00	7.62	3	04:47	0	2.64	0.636 %
J-725	JUNCTION	0.00	16.05	3	04:47	0	1.83	-10.332 %
J-728	JUNCTION	4.20	13.46	3	04:47	0.466	2.74	-6.004 %
J-73	JUNCTION	0.00	4.11	2	10:17	0	1.15	10.599 %
J-734	JUNCTION	2.81	40.34	1	15:24	0.311	8.28	-3.943 %
J-734A	JUNCTION	0.00	24.08	1	05:22	0	2.2	2.597 %
J-734B	JUNCTION	0.00	24.08	1	05:22	0	2.19	-0.764 %
J-735	JUNCTION	0.00	82.95	3	04:46	0	5.05	-4.901 %
J-736	JUNCTION	0.00	18.27	1	22:55	0	3.34	-5.150 %
J-74	JUNCTION	5.20	6.66	2	12:14	0.445	1.14	6.978 %
J-740	JUNCTION	0.00	3.23	2	10:01	0	1.24	10.962 %
J-741	JUNCTION	0.00	7.88	2	10:55	0	1.51	15.553 %
J-744	JUNCTION	0.00	9.15	2	09:42	0	1.94	13.806 %
J-745	JUNCTION	0.00	21.42	2	10:57	0	3.3	0.347 %
J-745A	JUNCTION	0.00	20.65	2	13:37	0	1.72	-4.285 %
J-748	JUNCTION	0.00	54.58	2	07:21	0	4.97	5.984 %
J-748-WEIR-STANTEC	JUNCTION	0.00	56.32	2	07:37	0	2.15	-16.956 %
J-748A	JUNCTION	0.00	18.00	2	13:48	0	2.2	-1.882 %
J-749	JUNCTION	0.00	7.64	2	09:17	0	2.35	5.939 %
J-750	JUNCTION	2.62	28.53	2	10:55	0.229	5	0.797 %
J-750A	JUNCTION	0.00	19.53	2	10:55	0	1.3	-3.484 %
J-751	JUNCTION	0.00	13.18	2	09:34	0	2.08	2.223 %
J-752	JUNCTION	0.00	78.66	1	16:16	0	3.74	16.789 %
J-753	JUNCTION	0.00	7.46	2	10:08	0	1.59	-0.345 %
J-754	JUNCTION	3.53	59.64	2	15:44	0.321	2.54	-0.324 %
J-754-WEIR-STANTEC	JUNCTION	0.00	93.83	2	10:17	0	2.81	-24.179 %
J-754A	JUNCTION	0.00	66.92	2	15:43	0	1.83	-14.359 %
J-755	JUNCTION	0.00	7.60	2	09:04	0	0.89	8.555 %
J-757	JUNCTION	5.79	27.25	2	15:32	0.491	1.82	0.388 %
J-760	JUNCTION	0.00	16.14	2	09:56	0	0.737	3.485 %
J-761	JUNCTION	0.00	13.98	2	10:57	0	2.74	12.323 %

J-763	JUNCTION	7.07	22.49	2	14:19	0.693	6.86	8.660 %
J-764	JUNCTION	0.00	14.53	2	12:36	0	2.22	10.237 %
J-766	JUNCTION	2.72	17.86	2	12:02	0.3	1.1	-1.312 %
J-766A	JUNCTION	0.00	27.31	2	11:56	0	0.485	-12.434 %
J-768	JUNCTION	0.00	5.41	2	15:21	0	1.19	-3.435 %
J-769	JUNCTION	0.00	5.92	2	14:17	0	1.33	-0.161 %
J-77	JUNCTION	3.81	33.32	2	09:42	0.386	3.37	0.039 %
J-771	JUNCTION	0.00	7.22	3	04:47	0	1.41	-1.657 %
J-772	JUNCTION	0.00	7.10	2	00:44	0	1.63	-4.640 %
J-774	JUNCTION	0.00	5.62	2	07:16	0	1.16	-0.865 %
J-776	JUNCTION	2.52	5.88	3	04:47	0.279	1.29	-1.522 %
J-778	JUNCTION	0.00	3.96	2	13:11	0	1.08	-4.645 %
J-77A	JUNCTION	0.00	26.66	2	15:58	0	2.42	0.725 %
J-77B	JUNCTION	0.00	20.52	2	09:41	0	0.767	0.000 %
J-780	JUNCTION	0.00	4.07	2	13:10	0	1.35	-5.511 %
J-782	JUNCTION	0.00	1.88	2	12:01	0	0.761	-1.474 %
J-784	JUNCTION	4.32	4.32	2	12:14	0.482	0.96	-5.512 %
J-786	JUNCTION	0.00	2.53	2	11:56	0	0.72	-2.299 %
J-788	JUNCTION	0.00	3.34	2	16:29	0	0.714	-7.067 %
J-790	JUNCTION	0.00	2.90	2	17:27	0	0.754	-6.000 %
J-792	JUNCTION	0.00	4.21	3	05:54	0	0.871	-19.832 %
J-793	JUNCTION	1.45	4.67	2	16:15	0.161	0.337	-7.968 %
J-795	JUNCTION	0.00	3.43	2	15:15	0	0.748	-5.120 %
J-799	JUNCTION	0.00	8.73	2	09:40	0	0.994	-0.085 %
J-799-WEIR-EAC	JUNCTION	0.00	17.34	2	09:43	0	0.858	0.000 %
J-80	JUNCTION	7.74	8.40	2	12:14	0.646	1.27	8.350 %
J-800	JUNCTION	0.00	14.25	3	00:41	0	2.3	0.011 %
J-802	JUNCTION	0.00	8.09	3	02:45	0	1.4	2.996 %
J-806	JUNCTION	0.00	7.89	3	00:41	0	2.06	0.739 %
J-809	JUNCTION	1.03	15.82	2	22:46	0.0896	3.27	-0.041 %
J-810	JUNCTION	0.00	9.36	2	23:35	0	1.19	2.164 %
J-813	JUNCTION	0.00	5.15	2	08:43	0	1.14	2.237 %
J-816	JUNCTION	6.06	6.38	2	12:12	0.578	1.16	0.256 %
J-819	JUNCTION	0.00	5.30	2	08:53	0	0.596	3.235 %
J-82	JUNCTION	0.00	8.08	2	11:47	0	1.05	26.801 %
J-822	JUNCTION	5.34	5.34	2	12:14	0.504	0.533	-2.273 %
J-826	JUNCTION	4.94	5.80	2	12:14	0.463	0.514	-2.749 %
J-829	JUNCTION	0.00	6.28	3	02:33	0	0.62	1.803 %
J-83	JUNCTION	4.65	26.61	2	10:49	0.43	4.37	-1.030 %
J-831	JUNCTION	4.20	6.43	2	08:51	0.378	1	0.382 %
J-836	JUNCTION	4.34	7.20	3	01:31	0.393	1.35	0.765 %
J-838	JUNCTION	5.22	5.22	2	12:14	0.491	0.521	-2.970 %
J-83A	JUNCTION	0.00	34.99	3	03:06	0	2.79	2.177 %
J-84	JUNCTION	0.00	17.08	2	11:06	0	3.58	1.385 %
J-841	JUNCTION	0.00	5.43	2	10:52	0	0.594	3.658 %
J-844	JUNCTION	6.84	9.34	2	12:14	0.668	1.23	-1.184 %
J-848	JUNCTION	0.00	8.72	2	15:54	0	1.22	1.476 %
J-850	JUNCTION	0.00	11.96	2	15:03	0	1.29	8.540 %
J-851	JUNCTION	1.23	22.82	2	15:54	0.102	4.42	-1.154 %
J-856	JUNCTION	0.00	16.33	2	12:15	0	5.13	0.025 %
J-860	JUNCTION	0.96	8.76	2	12:15	0.0738	0.771	0.085 %
J-863	JUNCTION	0.00	8.14	2	12:18	0	0.697	0.134 %
J-865	JUNCTION	3.49	8.04	2	12:16	0.306	0.698	0.154 %
J-868	JUNCTION	0.00	4.47	2	12:16	0	0.392	0.214 %
J-87	JUNCTION	0.00	4.87	2	10:14	0	1.36	5.827 %
J-870	JUNCTION	4.29	4.29	2	12:14	0.393	0.393	0.082 %
J-879	JUNCTION	7.31	12.87	2	12:14	0.816	4.5	1.776 %
J-88	JUNCTION	0.00	5.42	2	11:48	0	1.39	3.840 %
J-880	JUNCTION	3.32	17.98	2	15:34	0.371	4.32	0.091 %
J-881	JUNCTION	0.00	13.70	2	16:00	0	4.31	5.386 %
J-882	JUNCTION	5.24	11.58	3	00:21	0.58	4.07	-0.241 %
J-883	JUNCTION	0.00	16.23	2	22:05	0	3.81	5.820 %
J-884	JUNCTION	0.00	58.87	2	15:31	0	2.79	-27.446 %
J-888	JUNCTION	0.00	6.66	2	10:02	0	0.611	6.322 %
J-889	JUNCTION	0.00	5.09	2	08:54	0	0.505	9.720 %
J-891	JUNCTION	2.98	10.82	2	11:00	0.261	0.974	8.072 %
J-892	JUNCTION	0.00	10.15	2	10:56	0	0.764	6.464 %
J-894	JUNCTION	1.99	5.64	2	09:09	0.181	0.822	10.420 %
J-896	JUNCTION	0.00	5.26	2	08:19	0	0.802	10.846 %
J-899	JUNCTION	6.22	23.35	2	09:51	0.598	1.17	0.737 %
J-899A	JUNCTION	0.00	20.23	2	11:07	0	0.753	14.183 %
J-902	JUNCTION	0.00	61.03	2	12:42	0	1.89	-14.829 %
J-903	JUNCTION	2.75	41.00	2	12:37	0.257	6.17	6.394 %
J-903A	JUNCTION	0.00	77.93	2	15:43	0	1.57	7.644 %
J-910	JUNCTION	5.36	5.36	2	12:14	0.501	0.501	0.102 %
J-912	JUNCTION	9.74	9.74	2	12:14	1.02	1.02	0.086 %
J-917	JUNCTION	0.00	10.14	1	10:29	0	0.314	0.565 %
J-918	JUNCTION	8.86	16.28	2	12:16	0.712	1.02	6.340 %
J-920	JUNCTION	0.00	15.35	2	20:47	0	13.8	0.110 %
J-934	JUNCTION	2.56	59.47	2	15:44	0.24	2.06	0.295 %

J-934A	JUNCTION	0.00	69.28	2	15:43	0	2.06	8.296	%
J-951	JUNCTION	3.33	10.73	2	21:52	0.373	1.19	-11.034	%
J-953	JUNCTION	0.00	12.18	2	11:37	0	3.13	-15.182	%
J-954	JUNCTION	0.00	25.05	2	09:05	0	5.05	-7.182	%
J-958	JUNCTION	1.04	53.33	2	09:04	0.202	2.8	0.208	%
J-96	JUNCTION	0.00	7.09	2	11:16	0	1.57	0.298	%
J-963	JUNCTION	0.00	13.23	1	04:05	0	2.43	0.273	%
J-99	JUNCTION	8.07	8.07	2	12:14	0.716	1.5	3.490	%
JCT-24	JUNCTION	0.00	52.57	2	14:52	0	2.5	11.676	%
JCT-26	JUNCTION	0.00	93.00	2	15:03	0	2.41	8.965	%
JCT-26-WEIR	JUNCTION	0.00	85.78	2	15:03	0	0.777	-64.854	%
JCT-28	JUNCTION	8.69	23.20	2	12:17	0.762	1.55	8.558	%
JCT-28-WEIR	JUNCTION	0.00	48.35	2	12:18	0	1.07	-9.117	%
JCT-30	JUNCTION	7.23	61.84	2	09:44	0.713	3.12	0.197	%
JCT-32	JUNCTION	4.61	6.72	2	12:15	0.421	0.453	0.317	%
JCT-32-WEIR	JUNCTION	0.00	6.98	2	12:17	0	0.137	1.180	%
JCT-36	JUNCTION	0.00	17.13	0	00:00	0	4.12	-0.079	%
JCT-46	JUNCTION	0.00	55.33	0	00:00	0	5.19	1.040	%
JCT-64	JUNCTION	0.00	10.02	2	04:56	0	1.86	-0.242	%
J-171	OUTFALL	0.00	12.31	2	12:17	0	2.91	0.000	%
J-263	OUTFALL	0.00	7.59	3	00:20	0	2.57	0.000	%
J-279	OUTFALL	0.00	8.30	3	02:55	0	3.66	0.000	%
J-33A	OUTFALL	0.00	2.82	1	19:27	0	1.77	0.000	%
J-386	OUTFALL	0.00	1.70	1	03:03	0	0.951	0.000	%
J-442	OUTFALL	0.00	12.58	2	14:59	0	6.43	0.000	%
J-561A	OUTFALL	0.00	19.87	2	14:34	0	3.83	0.000	%
J-567A	OUTFALL	0.00	2.82	2	10:28	0	1.5	0.000	%
J-582	OUTFALL	0.00	5.13	2	14:54	0	1.51	0.000	%
J-605	OUTFALL	0.00	7.23	2	14:28	0	1.15	0.000	%
J-671	OUTFALL	0.00	7.38	2	14:59	0	3.59	0.000	%
J-694	OUTFALL	0.00	6.71	2	12:15	0	0.136	0.000	%
J-703	OUTFALL	0.00	6.63	2	12:17	0	0.166	0.000	%
J-909	OUTFALL	0.00	5.36	2	12:14	0	0.5	0.000	%
J-911	OUTFALL	0.00	9.74	2	12:15	0	1.02	0.000	%
J-913	OUTFALL	0.00	0.00	0	00:00	0	0	0.000	gal
J-919	OUTFALL	0.00	12.49	2	12:16	0	0.649	0.000	%
J-920A	OUTFALL	0.00	7.81	2	14:33	0	0.0306	0.000	%
J-963A	OUTFALL	0.00	8.08	0	00:00	0	0.203	0.000	%
J575A	OUTFALL	0.00	48.43	0	00:00	0	1.18	0.000	%
OFALL-10	OUTFALL	0.00	4.62	2	08:40	0	2.97	0.000	%
OFALL-12	OUTFALL	0.00	2.84	2	06:09	0	1.62	0.000	%
OFALL-14	OUTFALL	0.00	1.41	1	02:30	0	0.826	0.000	%
OFALL-16	OUTFALL	0.00	3.85	2	05:14	0	2.16	0.000	%
OFALL-18	OUTFALL	0.00	2.06	1	16:11	0	1.13	0.000	%
OFALL-20	OUTFALL	0.00	1.44	0	18:42	0	0.915	0.000	%
OFALL-22	OUTFALL	0.00	1.95	2	08:37	0	0.957	0.000	%
OFALL-24	OUTFALL	0.00	1.90	2	17:36	0	0.391	0.000	%
OFALL-26	OUTFALL	0.00	2.27	0	18:06	0	1.82	0.000	%
OFALL-28	OUTFALL	0.00	3.79	0	22:30	0	2.06	0.000	%
OFALL-30	OUTFALL	0.00	1.90	2	05:21	0	1.39	0.000	%
OFALL-32	OUTFALL	0.00	2.27	1	07:49	0	1.42	0.000	%
OFALL-34	OUTFALL	0.00	0.63	1	13:26	0	0.36	0.000	%
OFALL-36	OUTFALL	0.00	1.21	0	22:47	0	0.768	0.000	%
OFALL-38	OUTFALL	0.00	1.28	2	11:34	0	0.739	0.000	%
OFALL-40	OUTFALL	0.00	1.28	2	09:39	0	0.634	0.000	%
OFALL-42	OUTFALL	0.00	1.28	2	09:24	0	0.753	0.000	%
OFALL-44	OUTFALL	0.00	3.30	2	09:54	0	1.23	0.000	%
OFALL-46	OUTFALL	0.00	1.90	1	17:15	0	0.679	0.000	%
OFALL-48	OUTFALL	0.00	2.84	2	01:21	0	0.939	0.000	%
OFALL-50	OUTFALL	0.00	1.28	0	17:23	0	0.71	0.000	%
OFALL-52	OUTFALL	0.00	1.28	0	17:43	0	1.9	0.000	%
OFALL-54	OUTFALL	0.00	2.84	2	04:03	0	1.35	0.000	%
OFALL-66	OUTFALL	0.00	3.79	2	07:21	0	2.4	0.000	%
WELL-2E	OUTFALL	0.00	55.33	0	00:00	0	5.21	0.000	%
WELL-3	OUTFALL	0.00	4.87	0	00:00	0	1.05	0.000	%
WELL-4	OUTFALL	0.00	12.40	0	00:00	0	3.08	0.000	%
WELL-W-ENID-DR	OUTFALL	0.00	3.79	1	01:28	0	3.07	0.000	%
J-856-STORAGE-NEW	STORAGE	0.00	16.14	2	12:15	0	5.13	0.000	%

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
J-102	JUNCTION	22.73	5.232	0.000
J-104	JUNCTION	53.11	6.167	0.000
J-106	JUNCTION	52.90	6.147	0.000
J-109	JUNCTION	58.79	5.989	0.000
J-11	JUNCTION	58.38	5.995	0.000
J-110	JUNCTION	29.37	5.552	0.000
J-113	JUNCTION	59.19	5.893	0.000
J-114	JUNCTION	35.56	5.489	0.000
J-118	JUNCTION	22.62	4.879	0.000
J-12	JUNCTION	25.32	4.995	0.000
J-121	JUNCTION	52.13	6.148	0.000
J-126	JUNCTION	19.68	2.635	0.000
J-127	JUNCTION	19.65	2.894	0.000
J-128	JUNCTION	19.30	2.625	0.000
J-129	JUNCTION	22.28	4.878	0.000
J-130	JUNCTION	48.46	5.412	0.000
J-131	JUNCTION	47.55	5.721	0.000
J-132	JUNCTION	45.68	5.477	0.000
J-137	JUNCTION	53.23	5.641	0.000
J-139	JUNCTION	57.20	5.730	0.000
J-140	JUNCTION	53.93	5.907	0.000
J-147	JUNCTION	51.10	6.207	0.000
J-148	JUNCTION	50.92	6.286	0.000
J-149	JUNCTION	47.93	6.286	0.000
J-15	JUNCTION	21.62	3.629	0.000
J-152	JUNCTION	49.29	6.340	0.000
J-153	JUNCTION	48.74	6.362	0.000
J-155	JUNCTION	50.50	6.380	0.000
J-156	JUNCTION	50.10	6.445	0.000
J-158	JUNCTION	20.30	3.723	0.000
J-160	JUNCTION	25.57	6.131	0.000
J-161	JUNCTION	48.56	5.251	0.000
J-162	JUNCTION	49.85	5.979	0.000
J-163	JUNCTION	51.28	5.095	0.000
J-164	JUNCTION	50.51	5.178	0.000
J-165	JUNCTION	51.51	5.269	0.000
J-166	JUNCTION	26.96	4.873	0.000
J-167	JUNCTION	23.61	4.419	0.000
J-168	JUNCTION	54.12	4.830	0.000
J-169	JUNCTION	52.41	4.998	0.000
J-170	JUNCTION	49.78	5.099	0.000
J-174	JUNCTION	55.19	6.531	0.000
J-175	JUNCTION	49.77	6.532	0.000
J-176	JUNCTION	24.21	6.142	0.000
J-179	JUNCTION	25.72	6.159	0.000
J-18	JUNCTION	21.03	3.129	0.000
J-180	JUNCTION	20.61	4.290	0.000
J-185	JUNCTION	20.56	4.386	0.000
J-188	JUNCTION	21.64	4.796	0.000
J-191	JUNCTION	21.51	4.377	0.000
J-195	JUNCTION	22.51	3.798	0.000
J-198	JUNCTION	47.78	6.593	0.000
J-199	JUNCTION	51.86	6.465	0.000
J-203	JUNCTION	52.21	6.427	0.000
J-204	JUNCTION	50.54	6.434	0.000
J-206	JUNCTION	54.84	6.288	0.000
J-208	JUNCTION	51.80	5.951	0.000
J-209	JUNCTION	47.87	5.952	0.000
J-212	JUNCTION	54.12	6.232	0.000
J-213	JUNCTION	25.30	4.419	0.000
J-217	JUNCTION	47.24	6.131	0.000
J-218	JUNCTION	53.54	6.126	0.000
J-222	JUNCTION	44.15	4.916	0.000
J-223	JUNCTION	27.15	4.310	0.000
J-225	JUNCTION	54.82	6.062	0.000
J-226	JUNCTION	53.14	6.058	0.000
J-232	JUNCTION	56.60	6.031	0.000
J-233	JUNCTION	57.13	5.602	0.000
J-235	JUNCTION	58.28	5.600	0.000
J-238	JUNCTION	52.03	5.171	0.000

J-24	JUNCTION	55.84	5.951	0.000
J-242	JUNCTION	40.64	5.171	0.000
J-244	JUNCTION	45.21	5.972	0.000
J-247	JUNCTION	53.95	5.969	0.000
J-248	JUNCTION	43.16	5.122	0.000
J-249	JUNCTION	46.14	5.122	0.000
J-25	JUNCTION	21.01	3.143	0.000
J-253	JUNCTION	54.08	5.134	0.000
J-254	JUNCTION	57.58	5.077	0.000
J-256	JUNCTION	55.81	5.036	0.000
J-259	JUNCTION	60.14	4.767	0.000
J-260	JUNCTION	13.57	1.768	0.000
J-261	JUNCTION	12.50	0.347	0.000
J-261-WEIR	JUNCTION	12.27	0.678	0.000
J-262	JUNCTION	17.49	2.265	0.000
J-266	JUNCTION	43.08	5.514	0.000
J-267	JUNCTION	45.89	5.560	0.000
J-269	JUNCTION	63.85	6.353	0.000
J-27	JUNCTION	21.09	3.199	0.000
J-275	JUNCTION	47.57	4.913	0.000
J-278	JUNCTION	52.57	3.401	0.000
J-280	JUNCTION	58.08	4.353	0.000
J-281	JUNCTION	54.91	4.711	0.000
J-282	JUNCTION	56.70	5.077	0.000
J-283	JUNCTION	60.03	5.524	0.000
J-285	JUNCTION	50.61	4.913	0.000
J-286	JUNCTION	36.56	4.919	0.000
J-288	JUNCTION	23.47	2.923	0.000
J-290	JUNCTION	22.12	3.124	0.000
J-293	JUNCTION	54.24	5.860	0.000
J-295	JUNCTION	49.46	5.849	0.000
J-296	JUNCTION	51.01	5.834	0.000
J-297	JUNCTION	39.44	5.351	0.000
J-30	JUNCTION	53.53	6.019	0.000
J-300	JUNCTION	40.65	5.348	0.000
J-301	JUNCTION	43.84	5.340	0.000
J-304	JUNCTION	27.70	5.362	0.000
J-305	JUNCTION	28.37	5.365	0.000
J-31	JUNCTION	21.05	3.236	0.000
J-310	JUNCTION	27.70	5.367	0.000
J-312	JUNCTION	28.61	5.366	0.000
J-314	JUNCTION	18.96	3.100	0.000
J-317	JUNCTION	31.77	5.973	0.000
J-321	JUNCTION	19.13	3.218	0.000
J-323	JUNCTION	31.39	6.015	0.000
J-324	JUNCTION	19.22	3.249	0.000
J-327	JUNCTION	55.05	5.939	0.000
J-328	JUNCTION	21.11	3.128	0.000
J-33	JUNCTION	56.83	5.965	0.000
J-333	JUNCTION	43.35	6.290	0.000
J-334	JUNCTION	47.43	6.277	0.000
J-335	JUNCTION	47.40	6.169	0.000
J-341	JUNCTION	21.36	4.209	0.000
J-342	JUNCTION	40.14	6.272	0.000
J-343	JUNCTION	56.29	6.763	0.000
J-348	JUNCTION	43.84	6.138	0.000
J-351	JUNCTION	19.88	4.236	0.000
J-354	JUNCTION	49.21	3.241	0.000
J-354A	JUNCTION	49.20	3.553	0.000
J-355	JUNCTION	49.20	3.402	0.000
J-36	JUNCTION	55.93	5.977	0.000
J-362	JUNCTION	27.51	6.270	0.000
J-363	JUNCTION	24.35	6.269	0.000
J-364	JUNCTION	19.23	5.857	0.000
J-367	JUNCTION	53.31	6.327	0.000
J-368	JUNCTION	37.73	5.933	0.000
J-369	JUNCTION	39.82	5.924	0.000
J-374	JUNCTION	18.81	5.849	0.000
J-375	JUNCTION	24.44	5.483	0.000
J-380	JUNCTION	18.14	3.442	0.000
J-381	JUNCTION	18.20	5.856	0.000
J-384	JUNCTION	25.93	5.479	0.000
J-385	JUNCTION	26.61	5.575	0.000
J-388	JUNCTION	58.78	6.483	0.000
J-389	JUNCTION	38.35	5.985	0.000
J-393	JUNCTION	48.68	6.397	0.000
J-396	JUNCTION	46.25	6.901	0.000
J-399	JUNCTION	44.19	6.401	0.000
J-40	JUNCTION	21.36	3.292	0.000
J-402	JUNCTION	20.13	4.195	0.000

J-405	JUNCTION	47.90	6.093	0.000
J-407	JUNCTION	48.39	6.050	0.000
J-409	JUNCTION	52.01	6.009	0.000
J-410	JUNCTION	58.79	6.500	0.000
J-412	JUNCTION	53.07	5.987	0.000
J-414	JUNCTION	54.25	6.121	0.000
J-415	JUNCTION	20.10	3.646	0.000
J-416	JUNCTION	55.03	6.115	0.000
J-417	JUNCTION	21.37	5.067	0.000
J-42	JUNCTION	21.33	3.296	0.000
J-421	JUNCTION	21.11	5.067	0.000
J-422	JUNCTION	20.20	3.326	0.000
J-423	JUNCTION	19.42	3.011	0.000
J-424	JUNCTION	48.18	5.922	0.000
J-427	JUNCTION	51.99	6.045	0.000
J-430	JUNCTION	19.68	3.563	0.000
J-431	JUNCTION	23.14	3.593	0.000
J-432	JUNCTION	60.81	6.326	0.000
J-433	JUNCTION	49.68	5.887	0.000
J-434	JUNCTION	48.49	5.911	0.000
J-435	JUNCTION	46.93	5.891	0.000
J-436	JUNCTION	44.86	5.874	0.000
J-437	JUNCTION	44.17	5.871	0.000
J-438	JUNCTION	46.90	6.175	0.000
J-439	JUNCTION	52.76	6.054	0.000
J-440	JUNCTION	14.56	1.043	0.000
J-441	JUNCTION	14.53	1.925	0.000
J-444-WEIR	JUNCTION	0.02	0.561	0.000
J-445	JUNCTION	24.66	4.897	0.000
J-448	JUNCTION	23.79	2.926	0.000
J-450	JUNCTION	61.56	6.162	0.000
J-454	JUNCTION	23.88	2.927	0.000
J-455	JUNCTION	22.39	1.802	0.000
J-459	JUNCTION	24.44	3.113	0.000
J-460-NEW	JUNCTION	22.81	2.112	0.000
J-463	JUNCTION	22.52	1.783	0.000
J-466	JUNCTION	23.87	4.562	0.000
J-468	JUNCTION	21.54	1.396	0.000
J-47	JUNCTION	44.93	4.423	0.000
J-470	JUNCTION	19.85	1.945	0.000
J-471	JUNCTION	21.23	3.275	0.000
J-478	JUNCTION	21.01	3.100	0.000
J-479	JUNCTION	22.08	3.136	0.000
J-480	JUNCTION	21.44	3.548	0.000
J-481	JUNCTION	24.89	4.073	0.000
J-482	JUNCTION	21.37	3.825	0.000
J-484	JUNCTION	26.82	4.349	0.000
J-485	JUNCTION	53.84	5.296	0.000
J-486	JUNCTION	36.81	5.013	0.000
J-487	JUNCTION	25.78	4.377	0.000
J-489	JUNCTION	21.54	3.934	0.000
J-491	JUNCTION	33.74	4.418	0.000
J-492	JUNCTION	45.01	4.978	0.000
J-493	JUNCTION	53.24	5.223	0.000
J-495	JUNCTION	49.90	5.157	0.000
J-497	JUNCTION	45.42	5.636	0.000
J-498	JUNCTION	18.77	3.261	0.000
J-499	JUNCTION	23.45	4.861	0.000
J-5	JUNCTION	22.37	4.494	0.000
J-50	JUNCTION	40.62	5.177	0.000
J-500	JUNCTION	23.45	4.861	0.000
J-505	JUNCTION	23.19	4.861	0.000
J-508	JUNCTION	23.04	4.861	0.000
J-51	JUNCTION	30.39	3.686	0.000
J-512	JUNCTION	22.64	4.859	0.000
J-518	JUNCTION	22.11	4.857	0.000
J-53	JUNCTION	62.54	7.418	0.000
J-534	JUNCTION	63.89	5.839	0.000
J-537	JUNCTION	24.44	2.002	0.000
J-539	JUNCTION	24.66	2.091	0.000
J-539-WEIR	JUNCTION	21.79	1.095	0.000
J-539A	JUNCTION	21.39	6.622	0.438
J-54	JUNCTION	22.54	4.498	0.000
J-541	JUNCTION	22.71	1.838	0.000
J-544	JUNCTION	41.71	5.178	0.000
J-548	JUNCTION	3.65	1.393	0.000
J-550	JUNCTION	11.18	2.534	0.000
J-553	JUNCTION	52.17	4.719	0.000
J-554	JUNCTION	24.24	4.483	0.000
J-555	JUNCTION	24.06	4.492	0.000

J-557	JUNCTION	0.01	3.370	0.000
J-558	JUNCTION	0.02	3.403	0.000
J-559	JUNCTION	20.97	3.443	0.000
J-560	JUNCTION	21.84	3.359	0.000
J-561	JUNCTION	56.82	5.600	0.000
J-563	JUNCTION	20.78	2.993	0.000
J-565	JUNCTION	57.42	6.116	0.000
J-566	JUNCTION	14.75	1.005	0.000
J-566-WEIR	JUNCTION	2.31	5.610	0.000
J-567	JUNCTION	18.39	6.070	0.000
J-568	JUNCTION	18.47	5.839	0.000
J-569	JUNCTION	18.53	6.054	0.000
J-570	JUNCTION	18.39	2.843	0.000
J-571	JUNCTION	19.86	2.414	0.000
J-575	JUNCTION	77.99	5.614	0.000
J-576	JUNCTION	60.74	5.502	0.000
J-577	JUNCTION	7.86	1.460	0.940
J-578	JUNCTION	46.74	5.503	0.000
J-58	JUNCTION	22.52	4.495	0.000
J-581	JUNCTION	56.01	6.903	0.000
J-585	JUNCTION	15.20	3.384	0.000
J-588	JUNCTION	46.50	6.258	0.000
J-59	JUNCTION	22.57	4.449	0.000
J-591	JUNCTION	47.66	4.902	0.000
J-596	JUNCTION	56.69	6.859	0.000
J-598	JUNCTION	11.69	2.643	0.000
J-6	JUNCTION	53.83	5.789	0.000
J-60	JUNCTION	61.98	7.238	0.000
J-601	JUNCTION	37.62	4.608	0.000
J-602	JUNCTION	36.10	4.522	0.000
J-603	JUNCTION	8.62	2.801	0.000
J-604	JUNCTION	14.35	2.502	0.000
J-606	JUNCTION	55.66	4.770	0.000
J-607	JUNCTION	57.37	4.904	0.000
J-609	JUNCTION	38.52	4.605	0.000
J-61	JUNCTION	22.46	4.495	0.000
J-611	JUNCTION	13.42	2.724	0.000
J-613	JUNCTION	49.98	5.174	0.000
J-615	JUNCTION	48.82	5.106	0.000
J-618	JUNCTION	45.44	6.101	0.000
J-61A	JUNCTION	20.95	8.444	1.116
J-623	JUNCTION	48.46	5.704	0.000
J-624	JUNCTION	21.21	3.299	0.000
J-626	JUNCTION	43.21	5.680	0.000
J-629	JUNCTION	51.31	6.086	0.000
J-63	JUNCTION	49.56	6.400	0.000
J-632	JUNCTION	43.72	6.093	0.000
J-633	JUNCTION	44.83	5.662	0.000
J-637	JUNCTION	39.84	5.662	0.000
J-64	JUNCTION	49.11	6.398	0.000
J-640	JUNCTION	40.15	6.074	0.000
J-647	JUNCTION	20.96	3.273	0.000
J-647B	JUNCTION	20.75	8.430	1.130
J-650	JUNCTION	25.49	5.118	0.000
J-653	JUNCTION	21.20	3.146	0.000
J-654	JUNCTION	21.23	3.152	0.000
J-657	JUNCTION	25.46	5.130	0.000
J-659	JUNCTION	25.84	5.119	0.000
J-663	JUNCTION	43.54	6.088	0.000
J-665	JUNCTION	43.24	6.053	0.000
J-666	JUNCTION	52.06	6.000	0.000
J-67	JUNCTION	52.95	6.273	0.000
J-670	JUNCTION	49.22	6.000	0.000
J-672	JUNCTION	60.94	6.360	0.000
J-673	JUNCTION	21.26	2.968	0.000
J-678	JUNCTION	48.01	5.999	0.000
J-67A	JUNCTION	48.50	6.272	0.000
J-682	JUNCTION	10.29	5.268	0.000
J-684	JUNCTION	10.29	5.167	0.000
J-686	JUNCTION	10.25	5.011	0.000
J-687	JUNCTION	10.10	4.456	0.000
J-691	JUNCTION	10.09	4.294	0.000
J-693	JUNCTION	78.00	5.360	0.000
J-697	JUNCTION	25.67	6.361	0.000
J-7	JUNCTION	55.28	5.995	0.000
J-700	JUNCTION	25.51	5.650	0.000
J-701	JUNCTION	25.80	5.600	0.000
J-702	JUNCTION	25.79	5.257	0.353
J-705	JUNCTION	25.46	5.851	0.000
J-707	JUNCTION	25.28	5.551	0.000

J-710	JUNCTION	25.07	5.656	0.000
J-712	JUNCTION	5.51	3.492	0.000
J-714	JUNCTION	5.51	3.447	0.000
J-719	JUNCTION	6.39	3.670	0.000
J-72	JUNCTION	54.87	6.392	0.000
J-721	JUNCTION	5.83	3.674	0.000
J-725	JUNCTION	3.23	3.622	0.000
J-728	JUNCTION	3.12	3.661	0.000
J-73	JUNCTION	53.60	6.406	0.000
J-734	JUNCTION	6.00	3.645	0.000
J-735	JUNCTION	8.00	7.036	0.000
J-736	JUNCTION	53.86	22.472	0.000
J-74	JUNCTION	50.81	6.401	0.000
J-740	JUNCTION	56.76	7.260	0.000
J-741	JUNCTION	52.03	6.163	0.000
J-744	JUNCTION	55.95	6.167	0.000
J-745	JUNCTION	21.94	4.366	0.000
J-748	JUNCTION	21.19	3.397	0.000
J-748-WEIR-STANTEC	JUNCTION	21.08	3.395	0.000
J-749	JUNCTION	56.25	6.003	0.000
J-750	JUNCTION	22.58	4.223	0.000
J-751	JUNCTION	57.41	6.024	0.000
J-752	JUNCTION	21.17	2.904	0.000
J-753	JUNCTION	62.18	7.118	0.000
J-754	JUNCTION	21.17	3.230	0.000
J-754-WEIR-STANTEC	JUNCTION	21.15	2.903	0.000
J-755	JUNCTION	33.33	4.747	0.000
J-757	JUNCTION	13.99	2.745	0.000
J-760	JUNCTION	24.81	5.296	0.000
J-761	JUNCTION	59.32	6.147	0.000
J-763	JUNCTION	47.40	4.928	0.000
J-764	JUNCTION	61.76	6.964	0.000
J-766	JUNCTION	5.03	3.603	0.000
J-768	JUNCTION	5.18	4.222	0.000
J-769	JUNCTION	9.28	4.260	0.000
J-77	JUNCTION	20.37	3.698	0.000
J-771	JUNCTION	8.73	3.953	0.000
J-772	JUNCTION	12.10	3.901	0.000
J-774	JUNCTION	12.19	3.891	0.000
J-776	JUNCTION	9.30	3.887	0.000
J-778	JUNCTION	8.30	3.851	0.000
J-77A	JUNCTION	20.07	9.560	0.000
J-780	JUNCTION	8.58	3.860	0.000
J-782	JUNCTION	4.25	3.852	0.000
J-784	JUNCTION	3.81	3.993	0.000
J-786	JUNCTION	2.96	3.936	0.000
J-788	JUNCTION	3.04	3.871	0.000
J-790	JUNCTION	4.23	3.871	0.000
J-792	JUNCTION	4.80	3.671	0.000
J-793	JUNCTION	4.86	3.677	0.000
J-795	JUNCTION	4.26	3.858	0.000
J-799	JUNCTION	15.49	3.542	0.000
J-799-WEIR-EAC	JUNCTION	22.33	3.861	0.000
J-80	JUNCTION	52.05	6.480	0.000
J-800	JUNCTION	16.58	4.223	0.000
J-802	JUNCTION	21.82	5.025	0.000
J-806	JUNCTION	17.89	4.488	0.000
J-809	JUNCTION	17.85	4.478	0.000
J-810	JUNCTION	17.71	4.481	0.000
J-813	JUNCTION	20.84	4.914	0.000
J-816	JUNCTION	19.96	4.942	0.000
J-819	JUNCTION	18.97	4.952	0.000
J-82	JUNCTION	58.18	6.679	0.000
J-822	JUNCTION	21.95	5.373	0.000
J-826	JUNCTION	21.74	5.469	0.000
J-829	JUNCTION	18.62	5.060	0.000
J-83	JUNCTION	20.83	4.278	0.000
J-831	JUNCTION	19.59	5.057	0.000
J-836	JUNCTION	20.40	5.046	0.000
J-838	JUNCTION	20.30	4.882	0.000
J-83A	JUNCTION	20.90	10.060	0.000
J-84	JUNCTION	56.21	6.574	0.000
J-841	JUNCTION	15.57	4.327	0.000
J-844	JUNCTION	16.11	4.265	0.000
J-848	JUNCTION	16.57	4.454	0.000
J-850	JUNCTION	14.71	4.205	0.000
J-851	JUNCTION	15.04	3.900	0.000
J-863	JUNCTION	0.22	1.297	2.793
J-865	JUNCTION	0.59	3.241	1.299
J-868	JUNCTION	0.67	4.234	0.206

J-87	JUNCTION	55.93	6.215	0.000
J-870	JUNCTION	1.84	4.990	0.000
J-879	JUNCTION	37.48	4.060	0.000
J-88	JUNCTION	56.40	6.167	0.000
J-880	JUNCTION	52.83	3.225	0.000
J-881	JUNCTION	51.58	5.832	0.000
J-882	JUNCTION	56.04	3.679	0.000
J-883	JUNCTION	61.62	3.783	0.000
J-884	JUNCTION	12.31	0.580	0.000
J-888	JUNCTION	50.39	5.694	0.000
J-889	JUNCTION	49.44	5.694	0.000
J-891	JUNCTION	51.81	5.690	0.000
J-892	JUNCTION	50.26	5.688	0.000
J-894	JUNCTION	50.34	5.682	0.000
J-896	JUNCTION	48.80	5.665	0.000
J-899	JUNCTION	21.37	3.305	0.000
J-902	JUNCTION	0.01	0.168	0.000
J-903	JUNCTION	55.01	5.247	0.000
J-903A	JUNCTION	0.04	2.498	1.502
J-910	JUNCTION	67.19	4.682	1.878
J-912	JUNCTION	66.72	6.049	0.311
J-917	JUNCTION	54.45	7.100	0.000
J-918	JUNCTION	55.28	4.140	0.000
J-920	JUNCTION	56.75	5.000	0.600
J-934	JUNCTION	21.33	3.270	0.000
J-934A	JUNCTION	0.00	0.491	3.509
J-951	JUNCTION	8.29	5.585	0.000
J-953	JUNCTION	8.73	5.024	0.000
J-954	JUNCTION	13.83	3.633	0.000
J-958	JUNCTION	24.12	2.998	0.000
J-96	JUNCTION	22.28	5.248	0.000
J-963	JUNCTION	24.68	4.995	0.000
J-99	JUNCTION	57.94	6.052	0.000
JCT-24	JUNCTION	12.18	0.671	0.000
JCT-26	JUNCTION	12.26	1.134	0.000
JCT-26-WEIR	JUNCTION	11.09	0.690	0.000
JCT-30	JUNCTION	21.25	2.971	0.000
JCT-36	JUNCTION	0.21	0.088	2.512
JCT-46	JUNCTION	76.93	4.720	0.000
JCT-64	JUNCTION	46.66	5.173	0.000

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate CFS	Time of Max Occurrence days	Time of Max Occurrence hr:min	Total Flood Volume 10^6 gal	Maximum Ponded Depth Feet
J-102	19.29	5.32	2	11:46	0.055	1.672
J-104	20.94	6.70	2	11:50	0.147	1.467
J-106	20.73	8.37	2	10:17	0.097	1.897
J-109	19.93	9.89	2	10:07	0.077	1.390
J-11	16.58	12.06	3	04:17	0.113	0.435
J-110	19.88	8.35	2	10:29	0.178	1.319
J-113	19.27	10.66	3	04:40	0.171	1.059
J-114	15.97	16.69	3	03:39	0.118	0.329
J-118	16.23	13.14	3	02:22	0.121	0.319
J-12	16.41	12.83	3	03:16	0.118	0.435
J-121	15.51	5.61	2	08:44	0.040	0.448
J-126	19.01	30.19	2	13:22	0.614	2.085
J-126A	12.18	21.40	3	03:07	0.210	0.300
J-127	19.51	7.46	2	10:34	0.093	1.984
J-128	19.10	8.13	2	10:09	0.061	1.975
J-129	16.81	7.14	2	12:02	0.205	0.378
J-130	16.72	4.68	3	05:39	0.076	0.345
J-131	3.19	3.61	2	22:32	0.023	0.004
J-132	18.83	5.34	2	12:11	0.104	0.710
J-137	19.98	3.47	2	09:53	0.047	0.841
J-139	15.29	2.25	2	11:11	0.014	0.370
J-140	18.49	2.78	2	09:57	0.027	0.627
J-147	19.43	6.98	2	12:15	0.202	0.907
J-148	19.12	4.22	2	11:49	0.030	0.946
J-149	20.66	3.74	2	11:49	0.055	1.486
J-15	18.33	17.89	2	11:52	0.102	0.929
J-152	19.48	4.93	2	12:15	0.164	0.940

J-153	19.60	3.44	2	08:52	0.031	0.862
J-155	20.19	3.07	2	09:58	0.036	0.960
J-156	20.65	3.68	2	10:14	0.044	1.175
J-158	18.94	20.37	2	11:01	0.241	1.123
J-160	18.76	9.12	2	11:28	0.041	1.031
J-161	4.25	4.48	2	10:09	0.030	0.024
J-162	0.57	3.85	2	11:20	0.008	0.002
J-163	4.26	5.33	2	15:34	0.061	0.384
J-164	1.75	3.89	2	10:05	0.017	0.005
J-165	1.28	3.54	2	10:04	0.012	0.001
J-166	0.51	4.37	2	10:37	0.006	0.000
J-167	0.56	5.12	2	09:54	0.009	0.003
J-168	1.28	3.70	2	06:24	0.014	0.004
J-169	2.60	3.61	2	08:24	0.022	0.026
J-170	3.56	2.86	2	08:24	0.025	0.023
J-174	20.32	4.13	2	10:02	0.060	1.731
J-175	20.94	2.10	2	08:46	0.043	1.482
J-176	19.46	7.25	2	08:46	0.051	1.022
J-179	21.00	10.54	2	08:50	0.129	1.409
J-18	18.14	20.54	2	11:52	0.205	0.899
J-180	18.34	17.70	2	11:48	0.324	1.340
J-185	18.42	18.96	2	11:46	0.310	1.316
J-188	19.85	18.71	2	09:50	0.185	1.976
J-188A	15.96	7.63	3	05:36	0.078	0.799
J-191	19.64	29.40	2	13:37	0.334	1.427
J-191A	14.91	17.86	2	13:38	0.262	0.387
J-195	19.99	21.11	2	09:39	0.206	2.038
J-198	29.36	6.48	2	12:12	0.244	2.093
J-199	26.12	4.64	2	08:54	0.118	1.915
J-203	24.06	7.33	2	09:41	0.322	1.927
J-204	25.54	4.70	2	03:51	0.127	1.984
J-206	25.58	4.31	2	08:09	0.115	1.738
J-208	24.37	5.26	1	02:57	0.135	1.701
J-209	26.61	3.96	2	10:21	0.141	1.602
J-212	24.36	3.63	2	09:24	0.103	1.382
J-213	19.97	13.69	2	11:07	0.295	1.669
J-217	30.29	7.82	2	04:45	0.481	2.361
J-218	30.82	10.37	2	09:28	0.290	1.936
J-222	23.73	22.76	2	08:36	0.423	2.586
J-223	19.07	32.69	2	10:49	0.414	1.510
J-225	23.54	3.10	2	04:08	0.066	1.212
J-226	23.77	3.84	2	11:49	0.074	1.208
J-232	23.38	2.58	2	04:07	0.068	1.131
J-233	19.44	5.05	2	08:02	0.142	1.002
J-235	19.41	5.13	2	06:42	0.038	1.040
J-238	21.59	9.84	2	11:41	0.105	1.071
J-24	18.78	4.10	2	10:36	0.032	1.151
J-242	25.08	6.10	1	11:21	0.137	1.271
J-244	28.80	4.24	2	01:37	0.135	1.272
J-247	26.43	4.35	1	10:51	0.153	1.309
J-248	23.35	11.94	1	18:14	0.163	1.322
J-249	21.86	12.38	2	08:38	0.334	1.272
J-25	18.27	15.41	2	11:11	0.276	1.103
J-253	28.11	4.83	2	12:07	0.246	0.484
J-254	26.60	4.97	1	21:40	0.210	0.377
J-256	20.14	5.51	2	12:14	0.218	0.236
J-259	20.54	4.08	2	21:19	0.172	0.167
J-260	0.26	7.17	2	22:28	0.013	0.008
J-261	10.57	53.41	2	21:18	0.216	0.347
J-261-WEIR	0.94	33.08	3	00:07	0.016	0.678
J-262	0.40	3.43	2	08:54	0.005	0.005
J-266	29.66	6.93	1	01:22	0.317	0.864
J-267	27.74	6.61	1	01:22	0.267	0.810
J-268-WEIR	4.41	15.34	2	08:37	0.081	0.752
J-269	20.16	7.05	2	12:09	0.079	1.053
J-27	18.21	20.16	2	11:48	0.132	1.249
J-275	21.60	33.50	1	19:24	0.256	0.813
J-278	0.29	3.04	2	01:32	0.004	0.001
J-280	5.84	3.13	0	17:51	0.062	0.003
J-281	19.25	4.23	2	03:46	0.119	0.311
J-282	19.25	3.59	2	03:46	0.110	0.377
J-283	19.35	4.75	2	09:11	0.080	0.824
J-285	26.35	29.45	1	08:14	0.524	1.013
J-286	23.24	26.98	2	09:08	0.249	1.069
J-288	18.44	28.18	2	11:36	0.295	1.263
J-290	18.17	25.65	3	05:57	0.143	0.724
J-293	20.56	6.05	1	14:46	0.058	0.660
J-295	19.32	6.18	3	05:10	0.054	0.549
J-296	22.04	4.57	1	09:09	0.093	0.834
J-297	22.61	21.88	2	01:00	0.150	1.101

J-30	19.03	3.01	2	11:35	0.041	1.269
J-300	21.89	19.24	1	02:49	0.178	1.098
J-301	23.18	16.22	1	22:58	0.182	1.090
J-304	19.49	10.67	2	09:10	0.050	1.112
J-305	19.12	9.64	2	09:10	0.095	1.065
J-31	18.22	19.52	2	11:50	0.237	1.386
J-310	18.60	5.72	2	09:27	0.061	0.917
J-312	18.35	8.65	2	09:27	0.023	0.906
J-314	18.24	15.58	2	11:48	0.066	1.050
J-317	19.61	3.99	2	12:14	0.101	1.073
J-321	18.29	14.89	2	11:41	0.097	1.068
J-323	19.83	2.75	1	19:42	0.047	1.265
J-324	18.31	15.30	2	11:41	0.109	1.149
J-327	18.90	3.99	2	11:43	0.034	1.189
J-328	18.21	15.73	2	11:45	0.068	1.228
J-33	17.14	3.72	2	11:48	0.020	0.605
J-333	23.76	2.66	2	10:11	0.083	1.690
J-334	21.89	3.40	2	10:22	0.067	1.587
J-335	21.97	3.56	2	10:05	0.058	1.249
J-341	19.59	45.90	2	13:51	0.528	1.159
J-341A	14.16	30.33	2	13:52	0.203	0.510
J-342	18.93	11.70	2	11:59	0.349	1.472
J-343	18.91	4.08	1	16:28	0.044	1.313
J-348	21.18	2.79	2	09:24	0.064	1.388
J-351	18.55	24.30	3	05:40	0.294	1.116
J-351A	14.71	24.70	3	05:40	0.220	0.240
J-354	18.70	26.08	2	13:17	0.450	1.121
J-354A	18.36	71.36	2	12:39	0.974	1.433
J-354B	15.68	72.12	2	12:42	0.923	0.979
J-355	18.21	20.53	2	11:44	0.400	1.232
J-359	18.13	9.23	2	15:22	0.204	1.331
J-36	18.43	3.70	2	12:00	0.040	1.257
J-362	17.54	2.28	2	11:24	0.019	0.570
J-363	17.38	3.67	2	12:15	0.150	0.569
J-364	17.24	3.36	2	10:24	0.017	0.507
J-367	19.26	5.21	2	11:41	0.037	1.127
J-368	19.10	6.90	2	12:15	0.184	1.133
J-369	18.87	7.52	2	10:22	0.046	0.774
J-374	17.41	3.66	3	05:54	0.018	0.549
J-375	18.67	25.07	2	11:19	0.119	0.733
J-380	16.77	28.17	3	05:09	0.110	0.542
J-381	17.42	5.69	3	05:41	0.024	0.556
J-384	19.44	29.86	2	11:39	0.271	0.679
J-385	0.77	10.45	2	10:10	0.010	0.015
J-388	19.05	8.73	2	10:49	0.133	0.683
J-389	18.70	8.41	2	10:14	0.078	0.585
J-393	21.10	6.27	2	10:28	0.085	0.597
J-396	23.47	5.35	2	10:15	0.126	0.651
J-399	10.94	4.02	3	03:52	0.043	0.201
J-40	17.99	49.47	2	11:45	0.292	1.072
J-402	17.18	17.66	3	04:34	0.097	1.555
J-405	18.46	4.83	2	10:36	0.045	0.943
J-407	18.97	4.52	2	10:34	0.050	1.080
J-409	18.16	4.44	3	04:26	0.068	1.079
J-410	16.95	7.85	2	11:49	0.079	0.750
J-412	17.31	4.86	2	11:39	0.058	0.827
J-414	18.93	6.31	2	11:07	0.092	1.581
J-415	17.05	42.62	3	04:13	0.202	1.086
J-416	17.28	9.17	3	04:14	0.054	0.865
J-417	16.46	14.19	3	02:19	0.116	0.397
J-42	21.22	19.88	2	08:35	0.272	2.622
J-421	19.01	8.28	2	10:22	0.160	0.867
J-422	15.91	27.06	2	11:22	0.060	0.576
J-423	2.34	31.81	3	01:37	0.155	0.111
J-424	18.48	3.97	2	11:11	0.057	0.772
J-427	18.90	3.20	2	06:14	0.056	0.845
J-430	15.87	15.62	3	04:32	0.346	0.863
J-431	14.86	39.37	3	05:22	0.357	0.804
J-432	19.55	9.54	3	03:57	0.119	1.028
J-433	23.83	6.59	1	16:57	0.135	0.922
J-434	22.25	5.79	2	05:38	0.103	0.775
J-435	21.41	5.14	1	23:47	0.107	0.564
J-436	22.96	8.42	1	00:09	0.117	1.024
J-437	26.26	8.55	2	12:05	0.365	1.420
J-438	26.44	6.68	2	12:15	0.362	0.969
J-439	22.86	6.04	2	06:23	0.114	0.797
J-440	3.00	14.97	2	15:31	0.023	0.016
J-441	0.02	18.18	2	14:10	0.003	0.008
J-444	20.08	105.47	2	12:37	1.674	3.804
J-444-WEIR	0.01	16.32	2	12:36	0.002	0.561

J-445	13.13	44.10	2	12:37	0.373	0.670
J-448	17.10	14.97	2	07:46	0.128	0.366
J-450	14.82	11.88	3	02:40	0.144	0.502
J-454	16.99	11.43	2	07:46	0.123	0.367
J-455	22.21	10.21	2	08:16	0.127	1.552
J-459	22.78	22.34	2	05:45	0.914	1.553
J-460-NEW	22.68	24.08	2	07:01	0.359	1.582
J-463	22.43	20.56	2	10:19	0.380	1.583
J-466	2.85	81.89	2	11:12	0.286	0.449
J-468	17.92	15.45	2	07:46	0.096	0.642
J-47	15.30	13.04	2	11:06	0.490	0.046
J-470	18.35	44.00	2	11:21	0.428	0.505
J-471	10.55	65.36	2	11:12	0.737	0.404
J-478	20.26	75.52	2	11:17	0.437	1.059
J-479	21.54	58.89	2	07:52	0.790	1.300
J-480	19.96	45.68	2	07:51	0.360	0.748
J-481	22.68	27.04	2	06:50	0.835	0.763
J-482	19.81	27.64	1	06:18	0.701	0.655
J-484	19.58	10.34	2	08:39	0.287	0.749
J-485	19.70	8.71	1	16:35	0.245	0.729
J-486	20.87	26.73	2	22:40	0.740	1.314
J-487	19.80	20.92	2	06:41	0.454	0.657
J-489	19.57	13.67	2	10:33	0.250	0.734
J-491	20.72	9.27	2	10:28	0.117	1.068
J-492	21.07	8.05	2	09:44	0.110	0.599
J-493	19.90	13.16	2	09:10	0.189	0.719
J-495	14.78	13.82	2	10:17	0.087	0.254
J-497	20.77	5.31	2	11:24	0.167	1.647
J-498	18.31	14.49	2	11:48	0.247	0.990
J-499	17.96	5.77	2	11:39	0.023	0.701
J-5	19.25	28.07	2	12:14	0.944	1.634
J-50	8.83	9.45	2	09:05	0.199	0.027
J-500	18.60	7.54	2	11:12	0.038	1.105
J-505	19.00	8.84	2	11:37	0.056	1.591
J-508	18.19	10.59	2	11:35	0.270	0.701
J-51	5.96	25.44	3	05:52	0.353	0.236
J-512	19.00	9.75	2	11:37	0.108	1.408
J-518	18.89	7.57	2	11:39	0.105	1.241
J-53	19.11	3.33	2	09:13	0.055	2.139
J-534	23.93	5.23	2	11:58	0.196	1.279
J-537	20.97	8.04	1	18:38	0.119	0.922
J-539	24.61	60.59	2	07:53	2.115	1.869
J-539-WEIR	21.45	69.27	2	07:54	0.701	1.035
J-54	20.84	26.33	2	11:56	0.708	2.588
J-541	22.39	5.71	2	05:38	0.243	1.098
J-544	24.41	7.57	2	09:05	0.289	0.992
J-548	1.43	30.62	3	05:54	0.108	0.213
J-550	2.01	22.67	2	11:41	0.105	0.034
J-553	3.33	17.55	0	22:01	0.171	0.019
J-554	0.86	27.72	2	01:45	0.069	0.013
J-555	1.56	26.17	2	09:10	0.092	0.002
J-557	0.00	14.11	2	14:32	0.000	0.000
J-558	0.01	9.05	2	14:32	0.001	0.013
J-559	1.53	21.38	2	06:53	0.078	0.003
J-560	2.13	16.61	2	06:52	0.100	0.019
J-563	17.90	23.11	2	09:52	0.192	0.943
J-565	17.95	14.20	3	05:01	0.202	0.766
J-566	11.26	169.14	2	15:04	1.673	0.895
J-566-WEIR	0.00	77.44	3	00:16	0.001	0.000
J-567	1.10	5.33	3	04:52	0.017	0.010
J-568	17.21	25.25	2	12:35	0.283	0.779
J-569	17.03	27.85	2	12:08	0.533	0.827
J-570	18.08	42.56	2	12:36	0.969	1.773
J-571	14.73	42.43	3	03:10	0.462	0.384
J-575	0.00	43.81	0	00:00	0.001	0.014
J-576	0.40	3.52	2	09:54	0.007	0.002
J-578	2.29	3.62	2	11:16	0.029	0.003
J-58	21.04	20.39	2	09:09	0.318	2.834
J-581	4.57	2.72	2	09:45	0.054	0.003
J-585	5.06	13.77	2	23:20	0.121	0.434
J-588	6.91	4.43	2	10:12	0.090	0.128
J-59	20.93	42.86	2	09:40	0.451	2.621
J-591	0.04	25.80	2	14:43	0.006	0.002
J-596	2.95	1.92	2	08:12	0.011	0.098
J-598	4.78	8.04	2	12:14	0.111	0.343
J-6	14.66	14.46	3	03:45	0.070	0.435
J-60	21.41	5.99	2	09:47	0.109	2.680
J-601	2.68	3.83	2	10:51	0.031	0.008
J-602	2.85	4.79	2	11:18	0.040	0.072
J-603	0.02	3.94	2	10:46	0.001	0.001

J-604	0.16	3.14	2	15:09	0.002	0.002
J-606	1.46	5.25	2	19:35	0.021	0.070
J-607	1.15	5.40	2	09:54	0.025	0.004
J-609	1.26	6.00	2	15:33	0.022	0.005
J-61	20.91	19.31	2	10:13	0.306	2.612
J-611	5.62	8.73	2	12:15	0.180	0.324
J-613	5.60	3.29	2	09:09	0.036	0.074
J-615	3.68	2.98	2	09:04	0.032	0.006
J-618	24.13	3.32	2	11:03	0.078	1.501
J-623	19.29	7.61	2	11:48	0.078	1.204
J-624	18.18	21.73	2	11:52	0.358	0.899
J-626	19.38	5.69	1	02:53	0.043	1.120
J-629	20.01	6.41	2	12:14	0.212	1.086
J-63	19.16	5.93	2	12:15	0.151	1.040
J-632	23.69	3.32	2	09:09	0.084	1.193
J-633	20.16	10.84	2	11:47	0.200	1.312
J-637	21.40	7.48	2	08:30	0.118	1.562
J-64	19.56	4.31	2	10:56	0.038	1.038
J-640	24.92	4.52	2	08:24	0.179	1.504
J-647	17.40	39.84	3	03:19	0.471	0.713
J-650	19.89	10.29	1	17:06	0.070	1.058
J-653	18.36	26.32	2	11:25	0.203	0.946
J-654	18.07	19.18	2	10:24	0.166	0.952
J-657	19.53	8.73	2	10:36	0.080	0.760
J-659	19.90	10.28	1	17:06	0.116	1.019
J-663	23.76	10.41	2	12:15	0.486	0.988
J-665	23.65	9.45	2	00:27	0.348	1.053
J-666	20.17	10.32	2	08:35	0.105	0.950
J-67	19.05	4.26	2	09:28	0.064	0.973
J-670	22.22	12.96	2	01:58	0.164	1.200
J-672	0.00	0.05	2	11:48	0.000	0.000
J-673	18.23	24.30	2	11:46	0.552	1.368
J-678	22.91	10.74	2	08:31	0.283	1.299
J-67A	18.94	4.94	2	06:37	0.033	0.972
J-682	10.06	5.70	2	12:15	0.098	0.868
J-684	4.23	2.25	2	15:33	0.014	0.097
J-686	2.34	2.46	2	15:33	0.008	0.011
J-687	2.50	3.32	2	15:34	0.012	0.056
J-691	2.36	5.40	2	15:33	0.018	0.044
J-692	0.37	0.12	2	12:15	0.000	0.017
J-693	0.00	5.74	0	00:00	0.000	0.000
J-697	0.04	2.09	2	10:17	0.001	0.001
J-7	19.77	7.54	2	06:19	0.125	1.095
J-700	0.04	2.02	2	11:47	0.000	0.000
J-701	0.00	2.07	2	14:29	0.000	0.000
J-705	0.01	2.04	2	10:46	0.000	0.001
J-707	0.02	2.28	2	14:07	0.000	0.001
J-710	0.27	1.33	2	11:47	0.001	0.006
J-712	5.16	4.41	3	04:50	0.062	0.242
J-714	5.07	4.33	2	14:26	0.065	0.197
J-719	2.31	2.98	3	04:48	0.008	0.020
J-72	18.94	5.49	2	10:13	0.034	1.032
J-721	1.53	3.84	3	04:47	0.005	0.014
J-725	2.35	13.76	3	04:47	0.022	0.372
J-728	2.37	10.20	2	08:54	0.101	0.411
J-73	19.48	3.46	2	09:10	0.039	1.046
J-734	4.51	30.22	1	21:40	0.209	0.795
J-735	5.91	60.24	3	04:46	0.217	4.076
J-736	52.28	16.82	1	22:55	1.414	18.862
J-74	19.75	3.99	2	09:34	0.102	1.041
J-740	31.14	2.98	2	10:01	0.202	2.403
J-741	23.62	7.59	2	10:55	0.210	2.070
J-744	23.84	8.91	2	09:42	0.265	2.666
J-745	20.45	20.89	2	10:57	0.345	2.677
J-748	18.90	36.55	2	09:14	0.227	2.203
J-748-WEIR-STANTEC	18.57	21.75	2	10:54	0.156	2.201
J-749	22.31	7.34	2	10:05	0.190	2.147
J-750	18.48	25.23	2	10:55	0.379	1.208
J-751	20.95	12.19	2	09:34	0.170	2.082
J-752	20.01	57.13	2	10:38	0.204	2.142
J-753	20.66	6.29	2	09:23	0.079	2.161
J-754	20.65	48.80	2	15:44	1.347	2.289
J-754-WEIR-STANTEC	18.65	55.37	2	11:11	0.077	2.141
J-755	3.85	7.32	2	09:04	0.033	0.347
J-757	2.86	17.31	2	17:43	0.052	0.295
J-760	20.28	15.16	2	09:56	0.134	1.839
J-761	18.80	12.79	2	10:57	0.048	1.095
J-763	14.33	21.46	2	14:20	0.528	0.068
J-764	20.70	14.52	2	12:36	0.278	1.164
J-766	4.55	15.80	2	12:02	0.194	0.753

J-768	4.08	2.38	2	11:56	0.020	0.572
J-769	2.38	3.55	2	00:44	0.013	0.410
J-77	19.62	19.73	2	10:31	0.301	1.748
J-771	1.33	6.96	3	04:47	0.005	0.103
J-772	1.50	2.52	2	09:45	0.012	0.041
J-774	1.40	5.07	1	05:17	0.005	0.041
J-776	1.32	5.23	2	10:06	0.005	0.037
J-778	0.07	2.18	2	23:42	0.000	0.001
J-77A	0.00	0.95	3	00:31	0.000	0.000
J-780	0.05	0.33	2	12:32	0.000	0.000
J-782	0.17	0.52	2	12:42	0.000	0.002
J-784	1.21	2.05	2	12:14	0.019	0.143
J-786	0.86	1.51	2	16:29	0.002	0.086
J-788	0.70	2.65	2	16:29	0.001	0.021
J-790	1.16	1.58	2	11:57	0.004	0.021
J-792	0.79	1.65	2	16:15	0.004	0.011
J-793	0.98	3.78	2	19:52	0.004	0.027
J-795	0.87	2.64	2	11:56	0.003	0.008
J-799	0.27	4.12	3	01:21	0.006	0.002
J-799-WEIR-EAC	13.42	9.94	1	06:28	0.152	0.321
J-80	19.42	6.52	2	12:15	0.185	1.120
J-800	13.31	10.68	3	00:41	0.038	0.383
J-802	14.50	7.03	2	11:45	0.050	0.485
J-806	12.49	5.06	3	00:11	0.043	0.348
J-809	9.78	9.61	2	22:46	0.079	0.288
J-810	13.57	8.47	2	23:27	0.099	0.541
J-813	13.28	5.06	2	11:26	0.035	0.474
J-816	14.37	4.91	2	10:11	0.141	0.602
J-819	12.62	4.30	3	01:49	0.032	0.412
J-82	19.15	7.95	2	11:47	0.062	1.219
J-822	14.78	4.48	2	12:15	0.128	0.533
J-826	16.25	5.80	2	12:14	0.184	0.729
J-829	15.44	5.43	2	11:18	0.029	0.520
J-83	18.83	19.26	2	10:39	0.317	1.218
J-831	15.54	5.39	2	08:51	0.128	0.567
J-836	15.26	6.49	2	08:56	0.110	0.506
J-838	6.00	3.16	2	09:44	0.050	0.142
J-83A	0.00	7.82	3	03:51	0.000	0.000
J-84	19.22	11.19	2	11:06	0.057	1.214
J-841	6.07	4.44	2	09:44	0.036	0.187
J-844	6.02	7.96	2	12:13	0.130	0.325
J-848	1.31	5.46	2	10:16	0.019	0.014
J-850	0.42	7.20	2	12:18	0.020	0.005
J-851	0.31	6.59	2	15:10	0.010	0.010
J-87	19.38	4.41	2	10:14	0.044	1.315
J-870	0.00	0.20	2	12:18	0.000	0.000
J-879	0.31	4.78	3	04:32	0.011	0.000
J-88	19.17	4.14	2	10:28	0.049	1.267
J-880	20.39	12.24	2	11:46	0.376	0.465
J-881	0.30	10.83	3	00:31	0.020	0.002
J-882	18.30	10.16	2	15:31	0.337	0.119
J-883	18.52	11.08	2	14:43	0.503	0.223
J-884	3.04	37.42	2	12:35	0.317	0.520
J-888	20.42	4.70	2	08:50	0.069	1.855
J-889	20.94	4.55	2	08:54	0.075	1.778
J-891	20.85	10.78	2	11:00	0.057	1.730
J-892	20.45	9.74	2	10:56	0.078	1.624
J-894	21.91	5.55	2	08:54	0.080	1.961
J-896	22.10	5.03	2	08:19	0.132	2.076
J-899	19.56	19.35	2	10:57	0.438	1.645
J-902	0.00	26.90	2	13:16	0.001	0.168
J-903	18.95	33.29	2	12:05	0.966	1.219
J-917	0.00	6.98	2	09:27	0.000	0.000
J-918	0.12	4.53	2	10:28	0.003	0.000
J-934	19.40	58.78	2	15:44	1.090	1.627
J-951	2.75	9.84	2	21:52	0.079	0.005
J-953	2.26	10.96	2	10:50	0.078	0.024
J-954	2.01	23.35	2	09:05	0.089	0.033
J-958	23.71	50.85	2	09:04	1.366	1.538
J-96	17.30	6.74	3	05:00	0.036	0.688
J-963	22.56	11.54	2	11:48	0.248	3.435
J-99	19.52	3.95	2	01:30	0.049	1.652
JCT-24	0.76	35.67	2	14:53	0.133	0.171
JCT-26	8.18	79.63	2	15:54	0.502	0.484
JCT-26-WEIR	1.93	33.37	2	15:18	0.052	0.488
JCT-30	21.69	48.89	2	11:47	0.168	3.411
JCT-46	25.72	50.31	0	00:00	2.713	1.160
JCT-64	22.25	9.06	2	04:56	0.099	1.113

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
J-856-STORAGE-NEW	1.152	30.98	0.0	0.0	1.554	42	2 12:08	16.00

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
J-171	19.45	4.60	12.31	2.910
J-263	21.49	3.71	7.59	2.571
J-279	57.87	2.56	8.30	3.665
J-33A	47.65	1.39	2.82	1.768
J-386	20.34	1.57	1.70	0.951
J-442	46.16	5.02	12.58	6.426
J-561A	37.06	3.74	19.87	3.825
J-567A	19.35	2.51	2.82	1.499
J-582	13.62	2.92	5.13	1.511
J-605	19.42	1.54	7.23	1.152
J-671	46.44	2.53	7.38	3.594
J-694	3.70	0.86	6.71	0.136
J-703	1.64	2.37	6.63	0.166
J-909	96.47	0.20	5.36	0.500
J-911	96.35	0.40	9.74	1.016
J-913	0.00	0.00	0.00	0.000
J-919	54.97	0.41	12.49	0.649
J-920A	3.97	0.41	7.81	0.031
J-963A	22.47	0.21	8.08	0.203
J575A	30.58	0.96	48.43	1.183
OFALL-10	39.13	2.90	4.62	2.973
OFALL-12	28.12	1.99	2.84	1.621
OFALL-14	28.42	1.03	1.41	0.826
OFALL-16	21.78	3.33	3.85	2.158
OFALL-18	19.50	1.92	2.06	1.130
OFALL-20	38.90	0.89	1.44	0.915
OFALL-22	15.38	1.92	1.95	0.957
OFALL-24	8.05	1.27	1.90	0.391
OFALL-26	60.91	1.32	2.27	1.821
OFALL-28	21.37	3.19	3.79	2.062
OFALL-30	71.45	0.82	1.90	1.393
OFALL-32	43.36	1.23	2.27	1.415
OFALL-34	21.25	0.59	0.63	0.360
OFALL-36	30.88	0.94	1.21	0.768
OFALL-38	98.13	0.31	1.28	0.739
OFALL-40	87.70	0.26	1.28	0.634
OFALL-42	87.18	0.35	1.28	0.753
OFALL-44	93.69	0.54	3.30	1.233
OFALL-46	57.11	0.49	1.90	0.679
OFALL-48	61.99	0.67	2.84	0.939
OFALL-50	91.01	0.37	1.28	0.710
OFALL-52	86.17	1.24	1.28	1.899
OFALL-54	92.57	0.74	2.84	1.353
OFALL-66	59.79	1.49	3.79	2.396
WELL-2E	41.89	5.00	55.33	5.206
WELL-3	62.03	0.58	4.87	1.052
WELL-4	64.20	1.64	12.40	3.076
WELL-W-ENID-DR	76.42	1.80	3.79	3.075
System	45.15	76.69	217.49	76.290

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Link Flow Summary
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Link	Type	Maximum |Run Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Output Flow| CFS	Time of Max Occurrence days hr:min	Max/ Full Flow	Maximum |Veloc| ft/sec	Time of Max Occurrence days hr:min	Max/ Full Depth	Time of Max Occurrence days hr:min	Maximum Top Width ft
C-WELL3W	CONDUIT	4.87	0 00:00	3.22	2 12:15	1.00	5.66	0 00:00	1.00	0 00:00	0.42
C-WELL4E	CONDUIT	12.40	0 00:00	9.65	2 12:15	0.36	5.19	0 00:00	1.00	2 12:05	0.94
CDT-101	CONDUIT	20.57	2 09:50	10.49	2 10:24	4.03	2.91	2 09:50	1.00	2 08:03	3.00
CDT-103	CONDUIT	26.47	2 13:37	15.79	2 13:37	5.18	3.74	2 13:37	1.00	2 08:06	3.00
CDT-105	CONDUIT	42.10	2 13:51	31.43	2 13:51	8.24	5.96	2 13:51	1.00	2 08:20	3.00
CDT-107	CONDUIT	19.40	2 11:26	12.07	2 10:39	3.80	2.74	2 11:26	1.00	2 07:07	3.00
CDT-109	CONDUIT	16.50	2 10:54	14.33	2 10:54	3.23	2.33	2 10:54	1.00	2 05:51	3.00
CDT-11	CONDUIT	4.04	2 23:51	3.36	2 14:31	1.46	4.52	2 23:51	1.00	0 18:12	1.07
CDT-111	CONDUIT	18.79	2 10:55	15.75	2 09:47	3.68	2.66	2 10:55	1.00	1 22:52	3.00
CDT-113	CONDUIT	25.02	3 05:40	18.15	3 05:07	4.90	3.54	3 05:40	1.00	2 09:06	3.00
CDT-115	CONDUIT	23.04	2 10:30	17.64	2 11:23	2.09	1.83	2 10:30	1.00	2 06:54	4.00
CDT-121	CONDUIT	55.33	0 00:00	23.38	2 12:14	0.14	9.23	0 00:00	1.00	0 00:01	1.73
CDT-123	CONDUIT	82.23	2 12:38	66.70	2 12:40	16.09	11.63	2 12:38	1.00	1 02:48	3.00
CDT-125	CONDUIT	21.36	2 11:44	10.54	2 10:56	1.94	1.70	2 11:44	1.00	1 04:46	4.00
CDT-171	CONDUIT	25.37	2 06:36	11.13	1 06:52	0.25	2.15	2 06:36	1.00	1 20:30	4.00
CDT-173	CONDUIT	21.60	2 15:32	12.00	2 17:44	1.39	2.80	1 01:13	1.00	2 09:24	4.00
CDT-175	CONDUIT	4.02	1 16:51	3.81	1 16:48	0.26	0.77	1 16:56	1.00	2 09:47	4.00
CDT-177	CONDUIT	4.02	1 16:51	3.81	1 16:48	0.26	0.77	1 16:56	1.00	2 09:47	4.00
CDT-179	CONDUIT	4.91	2 23:45	4.40	2 23:45	0.01	0.49	3 03:15	1.00	2 11:49	4.00
CDT-181	CONDUIT	7.36	2 12:17	6.08	2 12:16	0.47	0.59	2 12:17	1.00	2 09:41	4.00
CDT-183	CONDUIT	19.58	2 19:27	9.93	2 09:44	1.26	1.56	2 19:27	1.00	2 08:55	4.00
CDT-185	CONDUIT	6.55	2 12:17	4.22	2 12:18	0.42	0.52	2 12:17	1.00	2 09:41	4.00
CDT-187	CONDUIT	18.27	2 14:43	10.08	2 21:58	1.17	1.45	2 14:43	1.00	1 04:52	4.00
CDT-189	CONDUIT	18.50	2 14:43	10.08	2 21:58	1.19	1.47	2 14:43	1.00	1 04:52	4.00
CDT-191	CONDUIT	5.82	2 10:48	4.60	2 08:34	0.37	0.53	2 08:34	1.00	2 10:08	4.00
CDT-193	CONDUIT	27.39	2 10:41	19.46	2 08:37	1.76	2.18	2 10:41	1.00	2 05:48	4.00
CDT-195	CONDUIT	11.98	2 11:49	10.64	2 11:49	0.77	0.95	2 11:49	1.00	0 21:54	4.00
CDT-197	CONDUIT	22.40	2 11:26	11.66	2 10:46	1.44	1.78	2 11:26	1.00	2 08:39	4.00
CDT-199	CONDUIT	20.07	2 11:52	14.06	2 11:48	1.29	1.60	2 11:52	1.00	2 08:51	4.00
CDT-201	CONDUIT	19.20	2 11:11	13.66	2 10:42	1.23	1.53	2 11:11	1.00	2 08:51	4.00
CDT-205	CONDUIT	27.24	2 11:25	25.39	2 11:25	1.75	2.17	2 11:25	1.00	2 08:39	4.00
CDT-207	CONDUIT	26.49	2 09:52	16.97	2 09:55	1.70	2.11	2 09:52	1.00	2 08:35	4.00
CDT-209	CONDUIT	24.89	3 03:04	15.21	3 03:05	1.60	1.98	3 03:04	1.00	1 05:39	4.00
CDT-211	CONDUIT	25.06	3 03:04	15.59	3 03:05	1.61	1.99	3 03:04	1.00	1 05:39	4.00
CDT-213	CONDUIT	27.76	1 22:30	25.25	1 22:31	1.78	2.21	1 22:30	1.00	1 02:45	4.00
CDT-215	CONDUIT	27.65	3 05:57	20.88	3 05:53	1.78	2.20	3 05:57	1.00	2 06:27	4.00
CDT-217	CONDUIT	9.82	2 10:38	7.74	2 11:50	0.03	0.78	2 10:38	1.00	2 08:50	4.00
CDT-219	CONDUIT	18.45	2 11:45	8.77	2 11:45	1.19	1.47	2 11:45	1.00	2 08:51	4.00
CDT-221	CONDUIT	15.22	3 05:53	11.95	2 11:47	0.98	1.21	3 05:53	1.00	2 09:43	4.00
CDT-223	CONDUIT	18.53	2 11:48	9.80	2 11:48	1.19	1.47	2 11:48	1.00	2 08:53	4.00
CDT-225	CONDUIT	17.26	2 11:41	9.51	2 11:44	1.11	1.37	2 11:41	1.00	2 09:41	4.00
CDT-227	CONDUIT	24.25	2 10:56	17.03	2 10:14	1.56	1.93	2 10:56	1.00	2 08:53	4.00
CDT-229	CONDUIT	20.30	2 10:40	9.95	2 11:41	1.30	1.62	2 10:40	1.00	2 08:36	4.00
CDT-231	CONDUIT	20.32	2 10:40	9.74	2 11:41	1.31	1.62	2 10:40	1.00	2 08:36	4.00
CDT-233	CONDUIT	21.39	2 08:25	13.81	2 08:25	1.37	1.70	2 08:25	1.00	2 08:25	4.00
CDT-235	CONDUIT	40.82	3 03:19	26.83	2 12:12	2.62	3.25	3 03:19	1.00	2 08:53	4.00
CDT-237	CONDUIT	17.41	2 11:56	10.81	2 11:12	0.03	1.39	2 11:56	1.00	2 08:52	4.00
CDT-239	CONDUIT	20.93	2 09:07	17.41	2 09:10	1.35	1.67	2 09:07	1.00	2 07:27	4.00
CDT-241	CONDUIT	20.30	2 10:40	9.95	2 11:41	1.30	1.62	2 10:40	1.00	2 08:36	4.00
CDT-243	CONDUIT	14.37	2 12:00	14.12	2 11:53	0.03	1.14	2 12:00	1.00	2 08:54	4.00
CDT-245	CONDUIT	10.87	2 11:45	10.26	2 11:51	0.02	0.86	2 11:45	1.00	2 08:54	4.00
CDT-247	CONDUIT	24.34	2 10:56	13.88	2 10:23	1.56	1.94	2 10:56	1.00	2 08:36	4.00

CDT-249	CONDUIT	22.85	2	09:51	18.52	2	11:07	1.47	1.82	2	09:51	1.00	2	08:26	4.00
CDT-251	CONDUIT	15.57	2	11:41	11.45	2	11:43	1.00	1.28	2	04:23	1.00	2	09:41	4.00
CDT-253	CONDUIT	21.92	2	11:49	8.60	2	11:48	1.41	1.74	2	11:49	1.00	2	08:53	4.00
CDT-255	CONDUIT	15.70	2	09:40	12.09	2	09:17	3.20	1.25	2	09:40	1.00	2	07:17	4.00
CDT-257	CONDUIT	28.40	2	09:40	18.46	2	10:00	4.94	2.26	2	09:40	1.00	2	07:17	4.00
CDT-259	CONDUIT	25.86	2	10:20	18.58	2	14:48	1.66	2.06	2	10:20	1.00	2	09:21	4.00
CDT-261	CONDUIT	32.50	2	23:48	18.32	3	03:06	2.09	2.59	2	23:48	1.00	2	08:48	4.00
CDT-263	CONDUIT	16.98	2	11:48	14.10	2	11:42	1.09	1.35	2	11:48	1.00	2	10:55	4.00
CDT-265	CONDUIT	24.08	1	05:22	19.15	0	19:43	1.55	2.01	1	09:10	1.00	0	19:30	4.00
CDT-267	CONDUIT	24.08	1	05:22	19.15	0	19:43	1.55	2.01	1	09:10	1.00	0	19:30	4.00
CDT-269	CONDUIT	16.09	3	04:56	15.82	3	04:56	1.03	1.30	3	04:47	1.00	2	11:56	4.00
CDT-271	CONDUIT	18.93	3	05:06	13.62	3	04:37	1.22	1.51	3	05:06	1.00	2	10:01	4.00
CDT-273	CONDUIT	21.59	3	05:22	17.64	3	04:18	1.39	3.26	0	16:16	1.00	1	20:30	4.00
CDT-275	CONDUIT	21.18	2	11:01	20.84	2	10:53	1.36	1.69	2	08:37	1.00	2	09:37	4.00
CDT-277	CONDUIT	26.47	3	04:13	11.63	2	11:34	1.70	2.42	0	12:31	1.00	2	09:44	4.00
CDT-279	CONDUIT	23.28	3	05:22	19.31	3	04:18	1.50	3.26	0	16:16	1.00	1	20:30	4.00
CDT-281	CONDUIT	26.17	3	04:13	11.67	2	11:34	1.68	2.61	0	15:33	1.00	2	09:44	4.00
CDT-283	CONDUIT	20.52	2	09:41	9.17	2	10:27	1.32	1.63	2	09:41	1.00	2	09:21	4.00
CDT-285	CONDUIT	21.34	3	04:34	10.10	2	10:43	1.37	1.70	3	04:34	1.00	2	09:44	4.00
CDT-287	CONDUIT	27.59	2	11:22	14.72	2	11:21	1.77	2.20	2	11:22	1.00	2	09:40	4.00
CDT-289	CONDUIT	29.16	3	05:09	21.57	3	04:43	1.87	2.32	3	05:09	1.00	2	11:51	4.00
CDT-291	CONDUIT	27.67	2	08:15	16.96	2	05:45	1.78	2.20	2	08:15	1.00	1	06:13	4.00
CDT-293	CONDUIT	27.58	3	02:15	18.76	3	00:08	1.77	2.19	3	02:15	1.00	2	10:00	4.00
CDT-295	CONDUIT	59.16	2	15:44	34.89	2	23:27	3.80	4.71	2	15:44	1.00	2	07:40	4.00
CDT-297	CONDUIT	58.49	2	15:44	32.80	2	15:43	3.76	4.65	2	15:44	1.00	2	08:26	4.00
CDT-299	CONDUIT	22.74	2	15:52	16.29	2	15:46	9.28	7.24	2	15:52	1.00	0	22:06	2.00
CDT-439	CONDUIT	9.19	2	09:44	6.14	0	17:46	13.76	2.93	2	09:44	1.00	0	17:54	2.00
CDT-493	CONDUIT	13.92	1	20:50	12.16	1	13:26	18.87	2.83	1	20:50	1.00	0	17:49	2.50
CDT-495	CONDUIT	20.38	2	04:33	19.99	2	04:33	15.04	4.15	2	04:33	1.00	0	17:49	2.50
CDT-525	CONDUIT	70.39	2	07:53	33.73	2	12:00	4.52	5.60	2	07:53	1.00	0	20:50	4.00
CDT-539	CONDUIT	28.90	2	09:19	27.87	2	09:12	1.06	4.09	2	09:19	1.00	1	01:30	3.00
CDT-87	CONDUIT	16.14	2	12:15	16.01	2	12:16	1.26	5.57	2	12:16	0.43	2	12:15	3.00
CDT-91	CONDUIT	27.05	2	13:22	26.92	2	13:22	5.29	3.83	2	13:22	1.00	0	13:55	3.00
CDT-93	CONDUIT	37.15	0	19:24	26.13	0	22:29	7.27	5.28	0	19:24	1.00	0	18:30	3.00
CDT-95	CONDUIT	20.52	2	10:48	16.47	2	11:13	4.02	2.90	2	10:48	1.00	2	09:09	3.00
CDT-97	CONDUIT	21.09	2	11:46	10.32	2	10:11	4.13	2.98	2	11:46	1.00	2	09:11	3.00
CDT-99	CONDUIT	13.85	2	11:07	13.43	2	10:02	2.71	1.96	2	11:07	1.00	1	07:11	3.00
J-963_OUTFALL	CONDUIT	8.08	0	00:00	3.11	2	12:21	23.25	8.04	0	00:00	1.00	0	00:00	0.31
J561_OUTFALL	CONDUIT	19.87	2	14:34	17.68	2	14:34	6.11	4.39	2	14:34	1.00	0	21:09	2.39
J575_OUTFALL	CONDUIT	48.43	0	00:00	11.09	2	12:19	14.88	11.16	0	00:00	1.00	0	00:00	0.94
J920_OUTFALL	CONDUIT	7.81	2	14:33	4.04	2	14:33	2.40	1.73	2	14:33	1.00	0	21:12	2.39
LINK-WELL-2	CONDUIT	14.38	2	10:58	12.87	2	12:15	6.84	2.03	2	10:58	1.00	0	16:43	2.95
U-1	CONDUIT	13.60	2	11:58	13.49	2	12:14	15.29	3.01	2	11:58	1.00	0	19:03	2.40
U-100	CONDUIT	3.31	2	11:17	1.95	2	12:02	18.64	2.37	2	11:17	1.00	0	18:08	1.33
U-101	CONDUIT	7.33	2	14:21	6.32	3	00:09	28.24	5.25	2	14:21	1.00	0	18:07	1.33
U-102	CONDUIT	3.90	2	12:26	3.89	2	12:26	20.88	2.80	2	12:26	1.00	0	18:09	1.33
U-103	CONDUIT	7.39	2	14:17	6.38	2	14:55	36.87	5.30	2	14:17	1.00	0	18:07	1.33
U-104	CONDUIT	4.16	2	12:18	3.90	2	12:27	31.98	7.63	2	12:18	1.00	0	16:36	0.83
U-105	CONDUIT	11.83	2	14:21	8.96	2	12:32	23.40	6.70	2	14:21	1.00	0	18:21	1.50
U-106	CONDUIT	12.31	2	12:17	12.30	2	12:18	2.11	6.12	2	12:17	1.00	1	10:29	1.20
U-11	CONDUIT	11.81	3	04:17	8.42	3	04:40	6.69	3.76	3	04:17	1.00	0	19:28	2.00
U-110	CONDUIT	9.93	1	12:06	8.64	2	01:27	15.85	4.94	1	12:06	1.00	0	16:32	1.60
U-112	CONDUIT	8.96	2	11:11	5.36	2	11:45	11.69	4.46	2	11:11	1.00	0	17:01	1.60
U-113	CONDUIT	2.52	0	17:02	2.36	0	17:02	25.17	2.71	0	17:02	1.00	0	16:02	1.20
U-114	CONDUIT	3.18	2	10:48	2.73	2	11:55	12.84	1.58	2	10:48	1.00	0	17:16	1.60
U-118	CONDUIT	5.42	2	11:48	3.58	2	09:53	17.95	4.79	2	11:48	1.00	0	17:39	1.20
U-121	CONDUIT	4.25	2	11:51	3.23	2	11:50	15.90	2.11	2	11:51	1.00	0	18:13	1.60
U-122	CONDUIT	6.52	2	11:16	4.67	2	11:45	13.78	3.24	2	11:16	1.00	0	18:13	1.60
U-125	CONDUIT	6.14	1	16:14	4.15	1	23:39	11.48	3.16	0	18:24	1.00	2	06:22	2.00
U-129	CONDUIT	6.82	2	11:16	5.79	2	11:26	17.80	6.03	2	11:16	1.00	0	17:35	1.20
U-13	CONDUIT	5.58	2	08:03	5.32	2	10:49	19.80	2.78	2	08:03	1.00	0	18:02	1.60

U-131	CONDUIT	3.05	2	10:40	2.99	1	16:15	23.02	2.69	2	10:40	1.00	0	17:43	1.20
U-141	CONDUIT	3.52	2	08:39	3.15	2	11:05	22.65	3.11	2	08:39	1.00	0	17:25	1.20
U-142	CONDUIT	3.50	1	17:53	2.56	2	08:52	23.06	3.09	1	17:53	1.00	0	17:25	1.20
U-147	CONDUIT	3.48	2	08:39	2.34	1	05:16	28.39	3.08	2	08:39	1.00	0	17:25	1.20
U-15	CONDUIT	3.98	2	11:49	3.52	2	12:40	1.33	3.52	2	11:49	1.00	0	18:21	1.20
U-150	CONDUIT	3.55	2	12:24	3.55	2	12:25	26.93	3.14	2	12:24	1.00	0	17:25	1.20
U-153	CONDUIT	4.62	2	07:40	3.26	2	08:39	19.91	4.08	2	07:40	1.00	0	17:25	1.20
U-155	CONDUIT	7.36	2	09:43	5.28	2	10:39	16.49	6.51	2	09:43	1.00	0	17:25	1.20
U-156	CONDUIT	3.82	2	09:43	3.02	2	10:22	26.97	3.38	2	09:43	1.00	0	17:25	1.20
U-158	CONDUIT	5.91	2	09:18	5.12	2	07:51	21.46	5.23	2	09:18	1.00	0	17:25	1.20
U-16	CONDUIT	3.58	2	11:07	3.02	2	11:59	13.03	1.78	2	11:07	1.00	1	03:39	1.60
U-160	CONDUIT	4.20	2	05:49	3.01	2	12:34	19.45	2.38	2	05:49	1.00	0	17:29	1.50
U-161	CONDUIT	10.47	2	09:28	6.06	0	18:30	45.48	9.26	2	09:28	1.00	0	17:22	1.20
U-165	CONDUIT	3.24	2	11:24	2.73	2	11:33	21.83	2.87	2	11:24	1.00	0	16:19	1.20
U-167	CONDUIT	2.98	2	11:24	2.23	1	18:36	23.69	2.63	2	11:24	1.00	0	16:19	1.20
U-17	CONDUIT	15.54	2	11:52	12.15	2	11:50	0.21	2.20	2	11:52	1.00	2	07:42	3.00
U-171	CONDUIT	2.56	2	10:42	2.15	2	09:31	20.82	2.26	2	10:42	1.00	0	16:19	1.20
U-172	CONDUIT	4.07	2	11:30	3.62	2	10:42	32.39	3.60	2	11:30	1.00	0	16:19	1.20
U-176	CONDUIT	4.21	2	11:24	3.54	2	11:36	27.92	3.72	2	11:24	1.00	0	16:19	1.20
U-177	CONDUIT	8.82	2	09:28	8.75	2	05:36	20.27	4.53	2	09:27	1.00	0	18:11	1.60
U-18	CONDUIT	4.07	2	10:37	3.85	1	22:46	11.98	3.60	2	10:37	1.00	0	20:23	1.20
U-181	CONDUIT	8.14	2	09:27	6.42	2	09:28	32.46	4.11	2	09:27	1.00	0	18:11	1.60
U-184	CONDUIT	14.94	2	09:05	8.57	2	07:13	33.92	7.59	2	09:05	1.00	0	18:11	1.60
U-186	CONDUIT	11.23	1	23:04	9.40	1	21:42	66.74	9.93	1	23:04	1.00	0	16:19	1.20
U-191	CONDUIT	6.48	2	08:38	5.61	2	08:38	43.82	5.73	2	08:38	1.00	0	16:19	1.20
U-193	CONDUIT	7.16	2	05:48	5.78	2	08:38	20.70	6.33	2	05:48	1.00	0	16:19	1.20
U-195	CONDUIT	7.36	2	08:01	6.03	2	08:38	24.41	6.51	2	08:01	1.00	0	16:19	1.20
U-196	CONDUIT	6.60	2	05:48	5.13	2	08:38	45.53	5.83	2	05:48	1.00	0	16:19	1.20
U-197	CONDUIT	21.40	2	01:00	12.35	2	03:53	25.45	10.64	2	01:00	1.00	0	17:08	1.60
U-199	CONDUIT	18.36	1	08:21	15.34	1	16:59	24.68	9.14	1	08:21	1.00	0	17:14	1.60
U-20	CONDUIT	1.54	2	10:47	1.34	2	12:20	11.02	1.36	2	10:47	1.00	0	20:24	1.20
U-200	CONDUIT	16.45	2	04:52	9.67	1	20:30	38.15	8.18	2	04:52	1.00	0	17:08	1.60
U-201	CONDUIT	22.21	2	08:37	19.26	2	00:04	31.48	7.07	2	08:37	1.00	0	17:26	2.00
U-202	CONDUIT	31.56	1	09:32	23.38	2	05:48	33.40	10.05	1	09:32	1.00	0	17:08	2.00
U-203	CONDUIT	15.72	1	00:21	14.50	1	08:06	61.93	13.90	1	00:21	1.00	0	16:19	1.20
U-204	CONDUIT	8.22	3	04:08	6.30	3	04:29	23.39	7.27	3	04:08	1.00	0	16:19	1.20
U-206	CONDUIT	4.24	2	04:33	4.23	2	04:33	22.01	3.75	2	04:33	1.00	0	16:19	1.20
U-207	CONDUIT	7.68	3	01:41	7.64	3	01:41	34.82	6.79	3	01:41	1.00	0	16:19	1.20
U-208	CONDUIT	8.11	3	00:34	7.20	3	00:48	31.16	7.17	3	00:34	1.00	0	16:19	1.20
U-211	CONDUIT	7.00	3	00:32	6.75	3	01:04	48.36	6.19	3	00:32	1.00	0	16:19	1.20
U-213	CONDUIT	7.23	3	01:45	6.52	3	00:39	34.64	5.89	3	01:45	1.00	0	16:26	1.25
U-214	CONDUIT	8.30	3	02:55	7.18	3	00:20	0.50	2.64	3	02:55	1.00	0	17:13	1.89
U-22	CONDUIT	3.65	2	11:13	3.05	2	10:57	19.59	3.22	2	11:13	1.00	0	20:25	1.20
U-220	CONDUIT	22.30	2	05:48	19.72	2	08:01	38.92	7.10	2	05:48	1.00	0	15:42	2.00
U-221	CONDUIT	9.13	1	20:24	7.27	1	12:28	18.93	8.08	1	20:24	1.00	0	11:08	1.20
U-227	CONDUIT	5.01	2	07:28	3.29	2	04:53	23.05	4.43	2	07:28	1.00	0	16:19	1.20
U-228	CONDUIT	4.13	1	13:27	3.25	2	08:09	31.04	3.65	1	13:27	1.00	0	16:19	1.20
U-231	CONDUIT	14.49	2	07:37	8.27	1	16:34	10.34	4.61	2	07:37	1.00	0	17:32	2.00
U-232	CONDUIT	7.66	1	01:58	5.70	0	22:00	0.97	3.81	1	01:58	1.00	0	17:08	1.60
U-233	CONDUIT	5.07	2	09:08	4.14	2	07:59	42.21	4.79	2	09:08	1.00	0	17:10	1.20
U-237	CONDUIT	6.43	2	07:47	4.47	2	11:36	15.08	2.05	2	07:47	1.00	0	17:54	2.00
U-239	CONDUIT	7.95	1	01:59	5.98	1	02:45	33.08	3.96	1	01:59	1.00	0	17:30	1.60
U-240	CONDUIT	6.08	1	09:07	5.28	2	08:02	33.27	5.37	1	09:07	1.00	0	17:22	1.20
U-242	CONDUIT	9.78	2	00:29	5.68	2	11:56	10.70	4.88	2	00:29	1.00	0	17:30	1.60
U-244	CONDUIT	4.21	2	10:54	4.19	2	08:35	33.47	3.72	2	10:54	1.00	0	17:25	1.20
U-245	CONDUIT	3.35	2	04:57	2.57	1	13:27	21.32	2.96	2	04:57	1.00	0	17:22	1.20
U-249	CONDUIT	3.31	1	18:13	2.45	2	00:51	20.07	2.93	1	18:13	1.00	0	17:22	1.20
U-25	CONDUIT	5.36	2	10:48	3.93	2	10:45	10.46	4.74	2	10:48	1.00	0	20:25	1.20
U-251	CONDUIT	3.91	1	05:18	2.65	2	01:56	13.90	3.46	1	05:18	1.00	0	17:22	1.18
U-253	CONDUIT	3.24	2	09:08	2.42	2	02:23	37.52	4.12	2	09:08	1.00	0	17:19	1.00
U-254	CONDUIT	5.61	0	20:01	4.69	1	15:48	45.83	5.02	1	08:09	1.00	0	17:22	1.20

U-256	CONDUIT	38.84	1	14:16	25.99	0	22:33	11.61	8.59	1	14:16	1.00	0	17:58	2.40
U-259	CONDUIT	7.93	0	21:34	6.59	1	11:21	28.20	7.31	0	21:34	1.00	0	17:10	1.20
U-26	CONDUIT	3.35	2	11:49	3.30	2	11:53	24.80	2.96	2	11:49	1.00	0	20:25	1.20
U-260	CONDUIT	3.88	1	08:09	3.45	1	05:41	53.14	4.94	1	08:09	1.00	0	17:10	0.96
U-261	CONDUIT	6.99	2	22:28	6.39	2	21:19	11.74	4.87	2	06:49	1.00	2	11:46	1.50
U-262-NEW	CONDUIT	9.04	2	23:31	8.67	2	22:54	30.81	11.51	2	23:31	1.00	2	08:29	0.83
U-263	CONDUIT	7.59	3	00:20	7.02	3	00:08	1.00	9.66	3	00:20	1.00	2	07:40	0.39
U-265	CONDUIT	4.19	2	10:01	3.46	2	12:34	0.22	4.65	2	04:56	1.00	2	05:51	1.20
U-267	CONDUIT	3.33	2	08:52	2.79	2	07:04	22.83	2.94	2	08:52	1.00	0	14:14	1.20
U-270	CONDUIT	3.79	1	19:48	3.75	1	19:48	22.14	3.35	1	19:48	1.00	0	14:15	1.20
U-271	CONDUIT	4.26	2	11:40	3.00	2	13:40	28.95	3.76	2	11:40	1.00	0	14:15	1.20
U-274	CONDUIT	4.38	2	11:10	2.10	2	11:40	13.46	3.87	2	11:10	1.00	0	20:23	1.20
U-277	CONDUIT	1.88	2	10:51	1.47	2	10:51	13.81	1.66	2	10:51	1.00	0	20:23	1.20
U-28	CONDUIT	3.57	2	11:50	2.37	2	11:50	18.53	3.16	2	11:50	1.00	0	20:24	1.20
U-280	CONDUIT	2.39	2	10:05	1.94	2	09:37	24.25	2.11	2	10:05	1.00	0	17:44	1.20
U-286	CONDUIT	2.23	2	10:09	2.17	2	10:09	19.68	1.97	2	10:09	1.00	0	17:40	1.20
U-289	CONDUIT	2.35	2	13:07	2.35	2	13:08	20.62	2.08	2	13:07	1.00	0	17:41	1.20
U-29	CONDUIT	3.09	2	11:50	2.64	2	11:50	21.72	2.73	2	11:50	1.00	0	20:24	1.20
U-290	CONDUIT	3.16	2	09:37	2.01	2	09:51	20.78	2.79	2	09:37	1.00	0	17:38	1.20
U-291	CONDUIT	3.96	2	10:44	3.02	2	10:53	25.22	3.50	2	10:44	1.00	0	17:37	1.20
U-293	CONDUIT	6.04	2	10:36	4.81	1	21:21	17.27	5.34	2	10:36	1.00	0	17:37	1.20
U-294	CONDUIT	3.92	2	10:15	2.80	2	10:07	28.29	3.47	2	10:15	1.00	0	17:40	1.20
U-295	CONDUIT	5.01	2	10:29	2.86	1	23:54	14.82	4.43	2	10:29	1.00	0	17:37	1.20
U-298	CONDUIT	6.38	2	11:34	4.68	2	11:43	20.31	5.64	2	11:34	1.00	0	17:37	1.20
U-299	CONDUIT	5.98	1	19:00	4.20	2	08:35	17.93	5.29	1	19:00	1.00	0	17:37	1.20
U-300	CONDUIT	7.48	2	10:56	4.96	2	11:35	19.16	6.62	2	10:56	1.00	0	17:37	1.20
U-304	CONDUIT	3.30	2	10:32	2.99	2	10:59	69.17	6.56	2	10:32	1.00	0	16:38	0.80
U-308	CONDUIT	5.40	2	10:30	4.23	2	10:45	41.54	4.77	2	10:30	1.00	0	18:20	1.20
U-308A	CONDUIT	7.21	2	10:22	4.72	2	10:43	29.43	6.38	2	10:22	1.00	0	18:00	1.20
U-309	CONDUIT	4.63	3	05:20	3.40	3	05:55	32.04	4.09	3	05:20	1.00	0	17:39	1.20
U-312	CONDUIT	5.40	2	11:37	4.73	2	11:31	47.15	4.77	2	11:37	1.00	0	18:20	1.20
U-315	CONDUIT	5.41	2	11:37	4.94	2	11:02	31.45	4.78	2	11:37	1.00	0	18:19	1.20
U-316	CONDUIT	7.90	2	10:55	6.28	2	11:51	33.08	6.99	2	10:55	1.00	0	18:19	1.20
U-319	CONDUIT	7.17	2	11:40	6.04	2	11:40	25.19	3.57	2	11:40	1.00	2	10:05	1.60
U-322	CONDUIT	6.97	2	11:16	6.31	2	11:50	24.35	3.47	2	11:16	1.00	2	10:50	1.60
U-325	CONDUIT	10.94	2	11:51	6.45	2	11:52	42.00	5.44	2	11:51	1.00	2	11:50	1.60
U-327	CONDUIT	10.96	2	11:51	7.06	2	11:52	40.75	5.45	2	11:51	1.00	2	11:50	1.60
U-328	CONDUIT	28.67	2	11:39	21.32	2	11:30	67.20	9.25	2	11:39	1.00	0	19:40	2.00
U-330	CONDUIT	15.06	2	09:33	11.80	2	09:33	0.77	4.79	2	09:33	1.00	0	18:40	2.00
U-332	CONDUIT	12.69	2	09:33	10.95	2	09:33	1.20	6.31	2	09:33	1.00	0	18:08	1.60
U-335	CONDUIT	7.84	2	10:24	6.70	2	10:25	25.18	3.90	2	10:24	1.00	0	17:06	1.60
U-337	CONDUIT	8.84	1	19:57	5.98	2	10:15	0.38	2.81	1	19:57	1.00	0	17:23	2.00
U-34	CONDUIT	2.29	2	09:09	2.16	2	09:09	21.41	2.02	2	09:09	1.00	0	20:26	1.20
U-341	CONDUIT	11.79	2	09:33	9.30	2	09:38	43.66	5.86	2	09:33	1.00	0	15:38	1.60
U-344	CONDUIT	4.12	3	05:57	2.91	3	05:58	37.91	3.64	3	05:57	1.00	0	15:51	1.20
U-345	CONDUIT	3.75	3	05:56	3.38	3	05:55	1.50	3.32	3	05:56	1.00	0	17:28	1.20
U-346	CONDUIT	8.06	2	11:47	5.55	2	11:47	20.68	7.12	2	11:47	1.00	0	17:26	1.20
U-347	CONDUIT	5.58	2	11:23	4.76	2	11:32	53.12	4.93	2	11:23	1.00	0	17:51	1.20
U-348	CONDUIT	8.47	2	11:41	6.73	2	11:50	29.98	4.21	2	11:41	1.00	0	18:24	1.60
U-35	CONDUIT	2.35	2	10:10	2.13	2	11:57	20.67	2.07	2	10:10	1.00	0	20:26	1.20
U-351	CONDUIT	8.13	2	11:40	6.56	2	10:21	62.41	6.63	2	11:40	1.00	0	17:47	1.25
U-352	CONDUIT	2.18	2	08:46	1.73	2	10:16	17.08	1.93	2	08:46	1.00	0	17:57	1.20
U-353	CONDUIT	5.22	2	10:37	2.92	2	11:17	16.87	4.62	2	10:37	1.00	0	17:57	1.20
U-354	CONDUIT	5.42	2	10:03	4.17	2	11:21	15.83	2.69	2	10:03	1.00	1	16:15	1.60
U-357	CONDUIT	5.68	2	11:06	3.79	2	06:14	19.87	2.82	2	11:06	1.00	2	03:49	1.60
U-358	CONDUIT	17.08	2	11:06	8.09	2	08:54	54.67	15.10	2	11:06	1.00	0	17:31	1.20
U-364	CONDUIT	2.37	2	11:20	2.11	2	11:55	21.01	2.10	2	11:20	1.00	0	19:06	1.20
U-364A	CONDUIT	25.32	2	13:17	24.79	2	13:17	8.13	2.02	2	13:17	1.00	1	04:46	4.00
U-366	CONDUIT	3.87	2	11:42	3.56	2	11:10	37.44	3.42	2	11:42	1.00	0	17:50	1.20
U-37	CONDUIT	5.97	2	09:06	4.16	2	11:02	13.31	5.28	2	09:06	1.00	0	20:24	1.20
U-372	CONDUIT	4.56	2	11:09	3.79	2	11:42	40.97	4.03	2	11:09	1.00	0	18:00	1.20

U-373	CONDUIT	3.80	2	10:26	3.25	2	11:00	22.03	3.36	2	10:26	1.00	0	16:36	1.20
U-376	CONDUIT	4.37	2	04:26	3.25	2	12:44	0.56	3.86	2	04:26	1.00	0	18:20	1.20
U-379	CONDUIT	3.06	2	10:29	2.96	2	12:31	27.33	2.71	2	10:29	1.00	0	17:26	1.20
U-38	CONDUIT	16.02	2	09:56	9.96	2	10:51	9.58	5.10	2	09:56	1.00	1	21:43	2.00
U-382	CONDUIT	4.20	2	10:53	2.47	2	12:45	14.51	2.09	2	10:53	1.00	0	18:48	1.60
U-385	CONDUIT	4.10	3	04:14	4.08	3	04:15	15.15	2.04	3	04:14	1.00	0	18:48	1.60
U-386	CONDUIT	6.46	2	11:30	5.43	2	11:12	11.55	3.66	2	11:30	1.00	0	17:02	1.50
U-388	CONDUIT	5.50	2	10:22	4.14	2	10:37	14.93	3.12	2	10:22	1.00	0	18:30	1.50
U-390	CONDUIT	9.35	3	04:14	5.99	3	04:14	14.10	5.29	3	04:14	1.00	0	18:30	1.50
U-391	CONDUIT	6.24	3	04:26	4.98	3	04:15	0.61	3.10	3	04:26	1.00	0	18:32	1.60
U-392	CONDUIT	6.15	2	10:29	4.07	2	10:30	0.38	3.06	2	10:29	1.00	0	18:32	1.60
U-394	CONDUIT	4.44	3	05:20	3.54	3	05:13	1.16	3.92	3	05:20	1.00	0	17:26	1.20
U-397	CONDUIT	3.49	2	10:12	2.61	2	10:33	33.32	3.09	2	10:12	1.00	0	17:22	1.20
U-398	CONDUIT	10.41	2	11:39	7.58	3	03:13	10.60	2.30	2	11:39	1.00	2	07:12	2.40
U-399	CONDUIT	6.30	2	10:12	5.89	2	10:39	48.48	5.60	2	10:22	1.00	0	13:00	1.20
U-402	CONDUIT	4.08	3	03:46	3.45	3	02:41	31.53	3.61	3	03:46	1.00	0	16:24	1.20
U-404	CONDUIT	5.00	3	03:19	3.89	3	02:08	18.91	4.42	3	03:19	1.00	0	16:24	1.20
U-406	CONDUIT	3.90	3	02:56	3.58	3	03:14	28.99	3.18	3	02:56	1.00	0	16:24	1.25
U-407	CONDUIT	29.30	0	16:16	9.24	0	18:26	70.05	23.88	0	16:16	1.00	0	15:38	1.25
U-408	CONDUIT	7.43	0	16:15	7.18	0	16:16	10.94	6.06	0	16:15	1.00	0	15:46	1.25
U-409	CONDUIT	9.98	0	16:15	6.25	0	16:08	3.76	5.65	0	16:15	1.00	0	15:55	1.50
U-411	CONDUIT	7.25	0	16:26	6.10	0	16:08	27.71	4.10	0	16:26	1.00	0	15:55	1.50
U-412	CONDUIT	6.92	0	16:16	4.21	0	17:49	26.45	3.92	0	16:16	1.00	0	15:55	1.50
U-413	CONDUIT	8.03	1	00:09	6.71	1	23:22	14.73	4.55	1	00:09	1.00	0	15:55	1.50
U-414	CONDUIT	4.70	0	19:58	3.83	0	16:22	32.89	4.16	0	19:58	1.00	0	15:42	1.20
U-415	CONDUIT	6.12	1	18:35	4.49	2	07:58	30.69	6.64	1	18:35	1.00	0	15:28	1.08
U-416	CONDUIT	3.71	0	16:21	3.69	0	16:22	54.50	4.03	0	16:21	1.00	0	15:34	1.08
U-417	CONDUIT	18.48	2	14:28	14.30	2	15:59	3.37	3.26	1	01:12	1.00	2	11:49	3.83
U-418	CONDUIT	15.58	2	14:20	13.20	2	14:38	11.88	1.94	2	14:20	1.00	1	00:03	3.20
U-419	CONDUIT	12.58	2	14:59	12.57	2	14:59	1.91	16.01	2	14:59	1.00	0	16:03	0.39
U-420	CONDUIT	6.12	2	10:11	4.71	2	11:11	21.46	5.41	2	10:11	1.00	0	23:16	1.20
U-421	CONDUIT	7.58	2	08:56	3.96	2	07:21	5.35	1.68	2	08:56	1.00	2	04:44	2.40
U-423	CONDUIT	6.71	2	11:02	4.91	2	11:26	7.81	1.48	2	11:02	1.00	2	04:58	2.40
U-428	CONDUIT	8.08	2	11:34	6.46	2	11:36	11.06	1.79	2	11:34	1.00	2	05:02	2.40
U-430	CONDUIT	7.80	2	11:33	6.47	2	11:56	13.06	1.72	2	11:33	1.00	2	04:56	2.40
U-434	CONDUIT	7.55	2	11:23	6.07	2	12:01	9.70	1.67	2	11:23	1.00	2	04:59	2.40
U-437	CONDUIT	5.42	2	11:24	4.24	2	11:35	21.10	2.69	2	11:24	1.00	1	01:27	1.60
U-439	CONDUIT	9.47	2	11:32	5.05	2	11:31	25.28	4.71	2	11:32	1.00	1	01:27	1.60
U-44	CONDUIT	17.56	3	05:12	13.24	2	15:11	3.40	5.59	3	05:12	1.00	0	21:36	2.00
U-440	CONDUIT	9.78	2	05:48	7.99	2	08:00	1.43	4.86	2	05:48	1.00	0	22:09	1.60
U-441	CONDUIT	9.58	2	07:25	8.26	2	08:24	1.59	4.77	2	07:25	1.00	0	22:40	1.60
U-443	CONDUIT	15.09	2	06:52	9.67	2	08:53	4.20	7.65	2	06:52	1.00	1	01:23	1.60
U-445	CONDUIT	18.00	1	22:19	16.85	2	05:36	1.83	6.11	1	22:19	1.00	1	01:27	2.00
U-447	CONDUIT	19.06	2	07:11	11.01	1	18:26	0.97	6.07	2	07:11	1.00	0	17:15	2.00
U-448	CONDUIT	18.69	2	05:23	14.34	2	06:50	1.72	9.29	2	05:23	1.00	0	17:15	1.60
U-449	CONDUIT	23.70	2	07:19	20.09	2	07:53	2.00	7.54	2	07:19	1.00	0	23:52	2.00
U-45	CONDUIT	8.86	2	09:05	6.49	2	10:06	1.71	2.82	2	09:05	1.00	0	21:37	2.00
U-450	CONDUIT	32.07	3	01:03	31.65	3	01:03	1.63	10.30	3	01:03	1.00	1	01:21	2.00
U-451	CONDUIT	24.05	1	06:10	22.83	1	18:14	2.99	7.66	1	06:10	1.00	1	01:28	2.00
U-452	CONDUIT	25.33	1	22:23	22.03	2	08:04	4.91	8.06	1	22:23	1.00	1	01:21	2.00
U-454	CONDUIT	38.03	2	07:23	30.13	2	10:29	2.94	8.41	2	07:23	1.00	1	01:25	2.40
U-456	CONDUIT	71.87	2	11:17	65.01	2	09:04	3.03	10.17	2	11:17	1.00	1	06:05	3.00
U-463	CONDUIT	51.06	2	10:44	47.80	2	10:44	0.88	8.92	2	10:44	1.00	2	05:44	2.80
U-464	CONDUIT	124.57	2	11:12	94.99	2	10:19	2.13	10.30	2	11:12	1.00	1	06:12	4.00
U-466	CONDUIT	17.66	2	06:41	15.58	2	06:42	1.65	8.78	2	06:41	1.00	1	01:29	1.60
U-468	CONDUIT	18.16	2	06:39	17.90	2	06:51	0.76	9.10	1	20:17	1.00	1	06:06	1.59
U-468-NEW	CONDUIT	17.37	2	05:22	15.40	1	06:25	3.02	4.61	2	05:22	1.00	1	06:39	2.40
U-469	CONDUIT	48.03	2	09:04	46.88	2	07:55	1.10	15.29	2	09:04	1.00	1	06:03	2.00
U-47	CONDUIT	5.17	3	00:58	5.03	3	03:41	5.42	5.61	3	00:58	1.00	0	19:55	1.08
U-48	CONDUIT	3.67	2	08:58	3.27	2	08:58	16.42	3.98	2	08:58	1.00	0	15:27	1.08
U-481	CONDUIT	3.73	3	01:06	3.71	3	01:05	43.68	4.75	3	01:06	1.00	0	14:02	1.00

U-483	CONDUIT	2.98	2	07:16	2.94	2	10:10	32.91	3.79	2	07:16	1.00	0	14:02	1.00
U-486	CONDUIT	8.63	2	06:36	6.44	1	18:38	2.46	2.77	2	06:36	1.00	1	06:25	2.00
U-489	CONDUIT	7.26	1	18:38	6.58	1	06:31	0.84	3.61	1	18:38	1.00	1	06:30	1.60
U-492	CONDUIT	7.09	2	08:58	5.72	2	09:06	8.45	2.26	2	08:58	1.00	0	22:04	2.00
U-495	CONDUIT	28.45	2	12:18	26.92	2	14:06	1.45	9.05	2	12:18	1.00	0	21:14	2.00
U-496	CONDUIT	32.45	2	06:52	25.95	1	16:04	20.45	7.18	2	06:52	1.00	0	21:27	2.40
U-497	CONDUIT	17.92	2	14:32	16.22	2	09:02	11.17	4.96	2	14:32	1.00	2	14:32	2.40
U-498	CONDUIT	28.51	2	14:33	23.33	2	14:33	29.09	6.74	2	14:33	1.00	2	14:33	2.40
U-5	CONDUIT	11.37	2	10:20	7.77	2	08:37	0.30	2.51	2	10:20	1.00	0	20:20	2.40
U-50	CONDUIT	1.66	2	09:04	1.09	2	09:50	17.17	1.81	2	09:04	1.00	0	15:27	1.08
U-500	CONDUIT	37.41	2	07:26	31.41	2	09:32	1.22	11.91	2	07:26	1.00	0	20:39	2.00
U-501	CONDUIT	30.42	2	14:05	27.01	2	12:18	31.00	7.18	0	21:51	1.00	0	21:27	2.40
U-502	CONDUIT	23.02	0	22:01	13.69	1	17:29	0.90	5.09	0	22:01	1.00	0	21:14	2.40
U-503	CONDUIT	13.60	3	05:42	12.29	2	15:15	0.67	4.65	1	21:06	1.00	2	07:26	2.00
U-507	CONDUIT	21.19	3	05:41	20.18	3	05:26	7.33	6.83	3	05:41	1.00	2	08:16	2.00
U-509	CONDUIT	30.06	3	05:27	26.86	3	05:55	0.35	3.74	3	05:27	1.00	2	08:54	3.20
U-513	CONDUIT	14.79	2	07:46	11.95	2	07:46	5.42	1.21	2	07:46	1.00	1	06:22	4.00
U-514	CONDUIT	7.39	3	04:34	6.90	3	04:34	1.49	5.30	3	04:34	1.00	1	05:59	1.33
U-518-NEW	CONDUIT	15.40	2	06:36	12.77	1	12:16	36.07	5.39	2	06:36	1.00	1	01:33	2.00
U-519-NEW	CONDUIT	23.76	2	06:59	20.83	2	06:59	0.43	2.01	2	05:25	1.00	2	05:41	4.00
U-522	CONDUIT	7.38	2	12:35	5.82	2	12:36	46.83	6.96	2	07:59	1.00	2	11:33	1.20
U-523	CONDUIT	40.10	2	12:34	38.88	2	12:08	28.98	8.17	2	12:34	1.00	2	05:47	2.50
U-524-NEW	CONDUIT	51.82	2	12:34	45.89	2	12:08	1.57	25.77	2	12:34	1.00	2	11:29	1.41
U-525	CONDUIT	28.09	2	12:35	27.62	2	12:35	76.31	20.13	2	12:35	1.00	2	11:27	1.12
U-526	CONDUIT	5.78	3	05:48	5.27	3	05:49	22.30	3.27	3	05:48	1.00	2	11:32	1.50
U-527	CONDUIT	3.54	3	05:48	3.19	3	05:49	24.86	3.13	3	05:48	1.00	2	11:28	1.18
U-53	CONDUIT	2.20	2	12:14	2.20	2	12:15	13.96	1.79	2	12:14	1.00	0	16:00	1.25
U-530	CONDUIT	10.08	2	11:57	8.15	2	12:36	0.30	2.23	2	11:57	1.00	2	05:47	2.40
U-531	CONDUIT	11.57	2	12:35	9.04	2	12:00	36.27	5.75	2	12:35	1.00	0	15:14	1.60
U-533	CONDUIT	12.36	2	11:49	10.98	3	00:08	2.13	6.15	2	11:49	1.00	0	17:17	1.60
U-534-NEW	CONDUIT	5.13	2	14:54	5.06	2	14:55	56.34	6.53	2	14:54	1.00	2	08:22	0.39
U-537	CONDUIT	4.43	2	13:44	4.35	2	13:45	1.42	3.91	2	13:44	1.00	0	17:12	1.20
U-538	CONDUIT	4.11	2	15:34	3.91	2	15:34	1.13	3.63	2	15:34	1.00	1	03:49	1.20
U-54	CONDUIT	3.03	2	12:31	3.03	2	12:32	22.10	2.47	2	12:31	1.00	0	15:59	1.25
U-543	CONDUIT	5.67	2	15:34	3.30	2	09:45	1.02	2.82	2	15:34	1.00	1	03:17	1.60
U-545	CONDUIT	2.20	2	12:42	1.88	2	14:28	27.75	2.80	2	12:42	1.00	0	14:34	1.00
U-547	CONDUIT	11.27	2	12:18	11.09	2	12:19	1.58	5.60	2	12:18	1.00	2	09:26	1.20
U-548	CONDUIT	3.78	3	00:04	2.03	2	16:10	0.06	1.92	3	00:04	1.00	2	11:51	1.60
U-549	CONDUIT	5.37	2	15:33	3.82	2	15:26	0.08	2.70	2	15:33	1.00	2	11:51	1.60
U-55	CONDUIT	6.66	2	10:15	3.86	2	09:15	17.03	5.43	2	10:15	1.00	0	15:59	1.25
U-550	CONDUIT	4.11	2	15:33	3.47	2	14:48	0.92	3.63	2	15:33	1.00	1	02:17	1.20
U-555	CONDUIT	2.03	2	08:11	1.63	2	08:12	0.65	1.80	2	08:11	1.00	0	18:57	1.20
U-557	CONDUIT	4.42	2	15:33	3.90	2	16:04	33.87	3.91	2	15:33	1.00	0	18:23	1.20
U-559	CONDUIT	5.56	2	16:04	3.63	2	16:04	21.84	4.92	2	16:04	1.00	0	18:23	1.20
U-56	CONDUIT	3.09	2	08:46	2.48	2	10:16	22.37	2.52	2	08:46	1.00	0	15:59	1.25
U-562	CONDUIT	4.27	2	16:04	3.60	2	17:08	34.57	3.78	2	16:04	1.00	0	18:23	1.20
U-565	CONDUIT	5.82	2	16:03	5.16	2	16:04	40.72	5.15	2	16:03	1.00	0	18:23	1.20
U-568	CONDUIT	6.03	2	15:17	4.75	2	15:58	19.96	3.00	2	15:17	1.00	1	04:20	1.60
U-569	CONDUIT	7.66	2	15:33	5.90	2	14:31	13.69	3.81	2	15:33	1.00	1	04:16	1.60
U-570	CONDUIT	8.56	2	15:27	7.34	2	15:09	1.35	4.26	2	15:27	1.00	1	04:03	1.60
U-572	CONDUIT	15.72	2	14:30	14.40	2	14:30	18.92	7.82	2	14:30	1.00	0	18:01	1.60
U-573	CONDUIT	8.87	2	15:18	8.19	2	14:20	0.67	7.85	2	15:18	1.00	2	09:46	1.20
U-574	CONDUIT	8.35	2	14:27	7.03	2	14:43	0.99	7.38	2	14:27	1.00	2	09:46	1.20
U-575	CONDUIT	7.23	2	14:28	7.18	2	14:28	0.75	9.20	2	14:28	1.00	2	06:58	0.39
U-580	CONDUIT	2.41	2	10:07	1.97	2	10:27	20.88	2.13	2	10:07	1.00	0	20:25	1.20
U-583	CONDUIT	5.52	2	04:07	4.67	2	02:53	17.86	4.88	2	04:07	1.00	0	20:24	1.20
U-584	CONDUIT	2.22	2	09:04	2.00	2	10:51	20.06	1.97	2	09:04	1.00	0	20:26	1.20
U-587	CONDUIT	8.09	2	11:48	4.92	2	11:29	9.71	4.02	2	11:48	1.00	0	22:27	1.60
U-589	CONDUIT	3.94	2	11:16	2.96	2	08:41	15.14	1.96	2	11:16	1.00	0	23:03	1.60
U-59	CONDUIT	11.09	2	10:42	6.55	2	10:05	0.33	3.53	2	10:42	1.00	0	18:15	2.00
U-590	CONDUIT	3.39	2	11:17	2.78	2	10:50	27.66	3.00	2	11:17	1.00	0	20:24	1.20

U-591	CONDUIT	3.75	2	08:41	3.62	2	08:42	32.22	3.32	2	08:41	1.00	0	20:25	1.20
U-596	CONDUIT	3.75	2	08:44	3.21	2	10:53	31.77	3.31	2	08:44	1.00	0	20:25	1.20
U-599	CONDUIT	10.84	2	10:27	7.69	2	09:37	15.59	5.39	2	10:27	1.00	0	22:47	1.60
U-60	CONDUIT	4.16	1	16:13	3.26	1	16:13	10.48	1.32	1	16:13	1.00	0	17:07	2.00
U-601	CONDUIT	3.77	2	11:20	2.99	2	10:44	30.87	3.33	2	11:20	1.00	0	20:24	1.20
U-604	CONDUIT	4.05	2	10:58	2.78	2	11:24	28.59	3.58	2	10:58	1.00	0	20:25	1.20
U-608	CONDUIT	4.00	2	11:20	3.16	2	10:16	16.08	1.99	2	11:20	1.00	0	23:37	1.60
U-609	CONDUIT	7.75	2	09:37	5.45	2	11:49	15.11	2.47	2	09:37	1.00	1	13:28	2.00
U-612	CONDUIT	13.61	1	17:06	8.12	2	09:15	10.91	4.43	1	17:06	1.00	1	15:54	2.00
U-614	CONDUIT	7.04	2	11:17	4.63	2	10:05	0.55	2.24	2	11:17	1.00	1	07:47	2.00
U-616	CONDUIT	9.72	2	09:54	6.66	2	11:36	18.42	3.09	2	09:54	1.00	0	19:29	2.00
U-618	CONDUIT	10.27	2	11:48	8.21	2	11:48	25.18	5.11	2	11:48	1.00	0	18:02	1.60
U-62	CONDUIT	5.41	2	10:27	3.32	2	11:51	26.29	4.79	2	10:27	1.00	0	13:56	1.20
U-620	CONDUIT	7.38	2	14:59	7.38	2	15:00	2.26	6.52	2	14:59	1.00	0	17:03	0.47
U-621	CONDUIT	7.03	3	03:00	7.03	3	03:00	38.39	6.22	3	03:00	1.00	0	17:03	1.20
U-623	CONDUIT	8.60	2	11:44	7.10	2	11:47	19.51	2.74	2	11:44	1.00	0	19:29	2.00
U-624	CONDUIT	11.95	2	01:58	9.60	2	00:32	11.34	3.80	2	01:58	1.00	0	19:29	2.00
U-625	CONDUIT	6.57	2	09:54	4.85	2	11:21	14.01	2.09	2	09:54	1.00	0	19:31	2.00
U-628	CONDUIT	8.65	2	08:32	6.84	2	11:51	14.89	2.75	2	08:32	1.00	0	19:28	2.00
U-629	CONDUIT	11.43	3	03:01	9.39	2	11:05	5.30	1.62	3	03:01	1.00	1	19:35	3.00
U-632	CONDUIT	6.79	2	15:34	4.41	2	16:05	6.28	3.38	2	15:34	1.00	2	11:46	1.60
U-633	CONDUIT	5.17	2	15:34	4.48	2	12:18	14.83	2.57	2	15:34	1.00	2	11:46	1.60
U-637	CONDUIT	3.58	2	15:34	2.62	2	15:34	28.20	3.17	2	15:34	1.00	2	11:41	1.20
U-64	CONDUIT	8.51	2	11:28	5.07	2	11:32	22.08	7.52	2	11:28	1.00	0	17:57	1.20
U-640	CONDUIT	3.41	2	15:34	3.20	2	14:30	28.35	3.02	2	15:34	1.00	2	11:39	1.20
U-643	CONDUIT	2.84	2	15:33	2.00	2	11:48	26.00	2.51	2	15:33	1.00	2	11:38	1.20
U-646	CONDUIT	6.24	2	12:17	6.03	2	12:25	32.68	5.52	2	12:17	1.00	2	04:06	1.20
U-648	CONDUIT	6.04	2	12:25	6.03	2	12:25	26.77	5.34	2	12:25	1.00	2	04:07	1.20
U-649	CONDUIT	6.08	2	12:17	6.03	2	12:25	37.52	5.37	2	12:17	1.00	2	04:11	1.20
U-651	CONDUIT	10.89	2	12:32	9.32	2	12:15	17.61	9.63	2	12:32	1.00	2	04:12	1.20
U-652	CONDUIT	6.63	2	12:17	6.02	2	12:15	21.70	5.86	2	12:17	1.00	2	04:12	0.47
U-653	CONDUIT	3.92	2	12:17	3.43	2	12:15	30.84	3.47	2	12:17	1.00	2	04:11	1.20
U-656	CONDUIT	2.29	2	12:17	2.11	2	12:15	19.27	2.02	2	12:17	1.00	2	03:43	1.20
U-657	CONDUIT	2.32	2	12:17	2.11	2	12:15	20.71	2.05	2	12:17	1.00	2	03:40	1.20
U-659-NEW	CONDUIT	6.71	2	12:15	6.68	2	12:15	24.25	3.80	2	12:15	1.00	2	11:51	0.95
U-66	CONDUIT	3.23	2	09:44	2.33	2	10:23	26.34	2.85	2	09:44	1.00	0	17:58	1.20
U-663	CONDUIT	7.27	3	04:47	6.35	2	08:37	57.81	6.43	3	04:47	1.00	1	02:04	1.20
U-668	CONDUIT	6.15	2	14:15	5.91	2	12:15	48.99	5.65	2	14:15	1.00	1	05:15	1.20
U-671	CONDUIT	5.70	2	14:19	5.19	2	14:18	48.75	5.29	2	14:19	1.00	0	21:50	1.20
U-674	CONDUIT	6.14	2	15:45	5.33	2	15:46	22.11	3.20	2	06:45	1.00	2	11:53	1.60
U-675	CONDUIT	15.50	3	04:47	12.67	2	08:55	39.96	7.85	3	04:47	1.00	1	02:59	1.60
U-678	CONDUIT	13.16	3	04:47	11.08	2	05:22	40.33	6.54	3	04:47	1.00	1	02:11	1.60
U-68	CONDUIT	2.75	2	11:18	2.36	2	10:51	23.89	2.44	2	11:18	1.00	0	17:56	1.20
U-681	CONDUIT	36.77	3	04:53	36.73	3	04:53	57.32	18.29	3	04:53	1.00	0	18:48	1.60
U-682	CONDUIT	82.95	3	04:46	80.74	3	04:47	157.84	> 50.0	3	04:46	1.00	0	17:48	1.25
U-684	CONDUIT	7.46	2	10:08	5.62	2	08:31	2.38	6.08	2	10:08	1.00	0	12:52	1.25
U-685	CONDUIT	7.13	2	08:31	7.03	2	08:31	24.29	5.86	2	10:22	1.00	0	15:11	1.25
U-686	CONDUIT	5.59	2	09:20	4.93	2	07:57	37.93	4.56	2	09:20	1.00	0	15:52	1.25
U-687	CONDUIT	12.03	2	09:39	10.29	2	11:31	8.26	2.66	2	09:39	1.00	0	20:22	2.40
U-688	CONDUIT	9.40	2	11:05	7.04	2	08:57	9.05	2.08	2	11:05	1.00	0	20:28	2.40
U-690	CONDUIT	2.44	2	08:17	2.03	2	09:21	28.62	3.11	2	08:17	1.00	0	15:11	1.00
U-694	CONDUIT	2.84	2	08:46	2.25	2	08:46	32.94	3.62	2	08:46	1.00	0	15:12	1.00
U-695	CONDUIT	7.26	2	10:55	4.94	2	08:29	7.02	1.60	2	10:55	1.00	0	20:23	2.40
U-696	CONDUIT	8.61	2	00:48	6.19	1	00:11	14.17	4.28	2	00:48	1.00	0	17:18	1.60
U-70	CONDUIT	3.55	2	10:05	2.63	2	04:51	18.09	3.14	2	10:05	1.00	0	17:48	1.20
U-701	CONDUIT	7.19	2	15:35	4.05	2	09:05	0.11	2.29	2	15:35	1.00	1	12:01	2.00
U-704	CONDUIT	4.39	2	10:28	3.56	2	11:39	20.10	2.48	2	10:28	1.00	0	15:08	1.50
U-706	CONDUIT	10.72	2	11:41	9.42	2	11:41	15.69	8.74	2	11:41	1.00	0	14:13	1.25
U-707	CONDUIT	5.96	2	08:59	5.21	2	12:15	7.71	1.90	2	08:59	1.00	0	17:05	2.00
U-708	CONDUIT	7.23	2	10:15	6.51	3	03:40	14.30	2.30	2	10:15	1.00	0	17:14	2.00
U-71	CONDUIT	4.12	2	10:22	2.10	2	08:35	24.11	3.64	2	10:22	1.00	0	17:48	1.20

U-710	CONDUIT	21.05	3	02:31	13.42	3	04:22	8.38	6.70	3	02:31	1.00	0	17:11	2.00
U-711	CONDUIT	16.04	3	03:49	12.76	3	03:01	10.43	3.55	3	03:49	1.00	0	18:15	2.40
U-717	CONDUIT	20.17	3	02:15	16.39	3	00:18	12.68	4.46	3	02:15	1.00	0	15:54	2.40
U-718	CONDUIT	14.55	3	02:56	14.44	2	11:49	15.85	3.22	3	02:56	1.00	0	15:54	2.40
U-719	CONDUIT	43.15	2	12:38	33.63	2	12:40	7.64	3.74	2	12:38	1.00	0	20:33	3.83
U-720	CONDUIT	6.74	3	05:18	5.88	2	08:06	50.89	8.58	3	05:18	1.00	0	21:42	1.00
U-721-NEW	CONDUIT	15.69	2	14:19	15.58	2	14:20	30.49	7.80	2	14:19	1.00	0	16:25	1.60
U-725	CONDUIT	10.34	2	11:59	9.34	2	12:01	17.19	5.14	2	11:59	1.00	0	15:14	1.60
U-727	CONDUIT	5.41	2	15:21	4.89	3	04:51	25.87	4.78	2	15:21	1.00	2	11:48	1.20
U-729	CONDUIT	5.92	2	14:17	4.75	3	05:04	42.69	7.59	2	14:17	1.00	2	11:08	1.00
U-73	CONDUIT	4.39	2	11:23	3.84	2	11:02	19.15	3.88	2	11:23	1.00	0	17:47	1.20
U-731	CONDUIT	4.38	3	05:03	4.16	3	05:38	44.01	5.73	3	05:03	1.00	0	17:23	1.00
U-732	CONDUIT	7.10	2	00:44	4.39	3	05:28	29.85	9.04	2	00:44	1.00	1	01:28	1.00
U-734	CONDUIT	5.46	2	01:21	4.40	2	06:59	47.08	6.95	2	01:21	1.00	1	04:11	1.00
U-736	CONDUIT	5.50	2	07:16	4.46	3	04:48	46.23	7.07	2	07:16	1.00	1	10:36	1.00
U-738	CONDUIT	3.96	2	13:11	3.51	2	13:11	39.50	5.04	2	13:11	1.00	2	07:00	1.00
U-74	CONDUIT	4.26	2	10:26	3.44	2	11:48	14.52	3.77	2	10:26	1.00	0	17:47	1.20
U-740	CONDUIT	4.07	2	13:10	3.78	2	13:12	26.76	5.18	2	13:10	1.00	1	18:04	1.00
U-741	CONDUIT	1.89	2	12:01	1.67	2	12:02	18.43	2.49	2	21:52	1.00	2	10:07	1.00
U-743	CONDUIT	1.88	2	12:01	1.75	2	12:43	16.37	2.84	2	19:40	1.00	2	11:49	1.00
U-745	CONDUIT	2.53	2	11:56	2.45	2	11:57	22.68	3.22	2	11:56	1.00	2	11:49	1.00
U-747	CONDUIT	3.00	2	16:29	2.30	2	11:57	31.48	4.13	2	16:29	1.00	2	11:49	1.00
U-749	CONDUIT	2.90	2	17:27	1.91	2	13:11	27.43	3.91	2	17:27	1.00	2	11:33	1.00
U-75	CONDUIT	4.40	2	10:34	3.57	2	10:35	23.43	3.89	2	10:34	1.00	0	17:47	1.20
U-751	CONDUIT	3.43	2	15:15	2.01	2	15:22	21.88	4.68	2	12:43	1.00	2	10:00	1.00
U-753	CONDUIT	4.06	2	15:15	2.13	2	00:52	29.69	5.36	2	15:15	1.00	1	15:47	1.00
U-755	CONDUIT	4.41	2	19:41	3.60	3	02:20	23.80	3.96	2	16:15	1.00	2	10:56	1.20
U-763	CONDUIT	4.47	2	12:16	4.29	2	12:15	27.13	3.95	2	12:16	1.00	2	11:50	1.20
U-766	CONDUIT	4.89	2	12:18	4.29	2	12:15	14.80	2.43	2	12:18	1.00	2	11:59	1.60
U-769	CONDUIT	8.14	2	12:18	7.79	2	12:15	27.21	4.05	2	12:18	1.00	2	12:06	1.60
U-77	CONDUIT	4.68	3	03:49	3.63	3	05:14	30.76	4.14	3	03:49	1.00	0	17:47	1.20
U-772	CONDUIT	7.88	2	12:16	7.79	2	12:15	22.42	4.06	2	12:16	0.94	2	12:15	1.60
U-775	CONDUIT	8.81	2	12:15	8.74	2	12:15	6.23	3.39	2	12:14	0.56	2	12:15	2.40
U-778	CONDUIT	8.73	2	14:45	8.60	2	16:00	76.37	7.80	2	14:45	1.00	2	12:04	1.20
U-783	CONDUIT	3.77	2	10:47	2.90	2	11:59	21.21	3.34	2	10:47	1.00	2	07:23	1.20
U-786	CONDUIT	4.12	2	17:50	3.09	2	23:15	15.35	2.05	2	17:50	1.00	2	08:51	1.60
U-789	CONDUIT	8.72	2	15:54	7.66	2	15:55	22.70	4.34	2	15:54	1.00	2	08:51	1.60
U-792	CONDUIT	8.60	2	15:54	7.25	2	15:55	31.06	4.28	2	15:54	1.00	2	08:50	1.60
U-795	CONDUIT	16.91	2	15:54	11.10	2	12:41	6.43	3.74	2	15:54	1.00	2	10:55	2.40
U-796	CONDUIT	6.89	2	17:46	6.67	2	19:49	60.11	6.09	2	17:46	1.00	2	07:27	1.20
U-8	CONDUIT	9.49	2	08:39	8.68	2	08:38	0.40	3.02	2	08:39	1.00	0	19:28	2.00
U-801	CONDUIT	3.84	2	07:50	3.15	2	11:29	21.20	3.39	2	07:50	1.00	2	05:51	1.20
U-804	CONDUIT	3.77	2	09:35	3.00	2	10:56	13.85	1.88	2	09:35	1.00	2	07:33	1.60
U-807	CONDUIT	5.15	2	08:43	3.74	2	11:51	15.31	2.63	2	08:43	1.00	2	07:30	1.60
U-81	CONDUIT	4.50	2	11:40	3.86	2	11:40	22.72	3.98	2	11:40	1.00	0	17:47	1.20
U-810	CONDUIT	5.45	2	11:26	3.65	2	23:41	18.16	2.71	2	11:26	1.00	2	07:30	1.60
U-811	CONDUIT	11.09	2	22:29	9.20	2	22:38	7.99	3.53	2	22:29	1.00	2	08:17	2.00
U-815	CONDUIT	8.34	3	00:48	6.27	3	01:18	14.23	2.65	3	00:48	1.00	2	08:18	2.00
U-816	CONDUIT	7.89	3	00:41	6.60	3	01:18	44.37	6.97	3	00:41	1.00	2	05:42	1.20
U-82	CONDUIT	3.30	2	11:40	2.92	2	11:40	26.60	2.92	2	11:40	1.00	0	17:47	1.20
U-820	CONDUIT	6.28	3	02:33	4.71	3	02:09	32.35	5.55	3	02:33	1.00	2	05:26	1.20
U-823	CONDUIT	6.14	3	02:01	4.49	3	02:41	20.53	3.05	3	02:01	1.00	2	07:19	1.60
U-826	CONDUIT	7.00	3	01:31	5.69	3	02:08	24.04	3.48	3	01:31	1.00	2	07:19	1.60
U-829	CONDUIT	7.05	3	01:25	6.07	3	01:20	23.66	3.51	3	01:25	1.00	2	07:25	1.60
U-83	CONDUIT	4.06	2	10:22	2.95	3	05:03	27.18	3.59	2	10:22	1.00	0	17:46	1.20
U-832	CONDUIT	11.00	2	11:01	8.63	2	11:45	12.34	5.47	2	11:01	1.00	2	07:17	1.60
U-833	CONDUIT	9.37	3	02:10	7.76	3	04:29	7.60	2.35	1	16:54	1.00	2	08:50	2.40
U-834-EAC	CONDUIT	17.34	2	09:43	9.87	1	06:35	4.42	2.45	2	09:43	1.00	0	23:53	3.00
U-835	CONDUIT	9.97	2	08:46	8.16	2	08:10	0.95	3.17	2	08:46	1.00	0	22:04	2.00
U-837	CONDUIT	21.16	2	11:47	11.95	2	10:17	2.06	6.74	2	11:47	1.00	0	22:08	2.00
U-838	CONDUIT	16.23	2	22:05	13.91	2	18:11	16.65	5.17	2	22:05	1.00	0	15:55	2.00

U-839	CONDUIT	11.03	3	00:21	8.79	2	22:07	16.81	3.51	3	00:21	1.00	0	15:55	2.00
U-840	CONDUIT	10.33	2	11:50	9.52	2	11:57	14.41	3.29	2	11:50	1.00	0	15:55	2.00
U-841	CONDUIT	17.29	2	15:34	15.59	2	14:28	6.93	3.82	2	15:34	1.00	0	16:21	2.40
U-842	CONDUIT	7.04	2	23:27	6.99	2	23:27	34.02	5.74	2	23:27	1.00	0	14:00	1.25
U-846	CONDUIT	4.33	2	14:28	3.24	3	03:30	1.61	4.06	2	14:28	1.00	2	10:00	1.25
U-847	CONDUIT	8.54	2	10:38	7.68	2	10:30	1.61	7.08	2	10:38	1.00	2	10:03	1.25
U-848	CONDUIT	6.67	2	10:51	6.14	2	10:57	47.98	6.07	2	10:51	1.00	0	17:45	1.20
U-851	CONDUIT	2.60	2	10:01	2.50	2	09:33	22.87	2.30	2	10:01	1.00	0	20:25	1.20
U-852	CONDUIT	2.87	2	10:03	2.18	2	10:01	17.44	2.54	2	10:03	1.00	0	20:26	1.20
U-854	CONDUIT	4.27	2	09:03	3.04	2	09:08	8.83	2.12	2	09:03	1.00	0	22:53	1.60
U-856	CONDUIT	9.02	2	11:00	3.04	2	08:35	13.82	4.48	2	11:00	1.00	0	23:18	1.60
U-858	CONDUIT	4.57	2	09:12	4.48	2	09:12	13.51	2.28	2	09:12	1.00	0	23:18	1.60
U-860	CONDUIT	3.28	2	09:10	3.10	2	12:39	13.21	1.63	2	09:10	1.00	0	23:18	1.60
U-863	CONDUIT	4.44	2	08:22	3.14	2	09:00	14.47	2.51	2	08:22	1.00	0	21:50	1.50
U-864	CONDUIT	35.74	2	12:37	25.82	2	12:45	2.00	7.90	2	12:37	1.00	0	21:39	2.40
U-865	CONDUIT	11.23	2	11:30	9.87	2	11:50	0.63	2.48	2	11:30	1.00	0	21:39	2.40
U-866	CONDUIT	5.73	2	11:40	5.35	2	11:06	32.60	5.06	2	11:40	1.00	0	15:49	1.20
U-867	CONDUIT	5.36	2	12:14	5.35	2	12:15	2.33	6.82	2	12:14	1.00	0	10:48	0.39
U-868	CONDUIT	9.74	2	12:15	9.74	2	12:15	2.99	8.61	2	12:15	1.00	0	11:16	0.47
U-869	CONDUIT	0.00	0	00:00	0.00	0	00:00	0.00	0.00	0	00:00	0.50	0	00:00	1.20
U-871	CONDUIT	12.49	2	12:16	11.51	2	12:17	1.64	6.21	2	12:16	1.00	0	12:52	1.18
U-872	CONDUIT	11.38	2	12:32	9.45	2	12:44	5.01	2.52	2	12:32	1.00	0	13:49	2.40
U-874-NEW	CONDUIT	3.41	2	14:21	3.11	2	12:21	10.85	3.02	2	14:21	1.00	2	11:49	1.20
U-875	CONDUIT	13.23	2	20:59	13.02	2	20:53	1.22	6.58	2	20:59	1.00	0	21:35	1.60
U-878	CONDUIT	10.32	2	21:52	8.11	2	20:46	35.90	5.31	2	21:52	1.00	0	21:29	1.60
U-879	CONDUIT	9.39	2	14:04	9.00	2	23:05	33.64	4.94	2	14:04	1.00	0	21:29	1.60
U-88	CONDUIT	6.36	3	03:48	4.75	2	10:25	20.72	4.56	3	03:48	1.00	0	18:08	1.33
U-880	CONDUIT	32.70	2	09:10	16.91	2	09:00	0.86	7.90	2	09:10	1.00	0	22:24	2.40
U-885	CONDUIT	15.35	2	20:47	13.51	2	20:37	21.33	7.63	2	20:47	1.00	0	19:26	1.60
U-90	CONDUIT	7.42	3	01:00	6.15	2	15:34	31.01	5.32	3	01:00	1.00	0	18:08	1.33
U-91	CONDUIT	5.41	3	05:39	3.84	3	03:47	31.35	4.78	3	05:39	1.00	0	17:46	1.20
U-92	CONDUIT	14.93	2	12:02	11.33	2	12:03	13.79	4.75	2	12:02	1.00	2	05:15	2.00
U-96	CONDUIT	7.23	2	15:34	6.59	3	02:56	33.89	5.18	2	15:34	1.00	0	18:07	1.33
U-97	CONDUIT	6.71	3	00:36	5.86	3	03:45	42.48	5.94	3	00:36	1.00	0	17:47	1.20
U-98	CONDUIT	10.98	3	01:40	9.28	3	01:27	17.58	9.71	3	01:40	1.00	0	17:52	1.20
U-99	CONDUIT	7.49	3	02:50	6.78	3	01:05	34.34	5.36	3	02:50	1.00	0	18:08	1.33
PS-HC1-LAG	PUMP	8.00	0	15:28	8.00	0	15:29	1.00							
PS-HC1-LEAD	PUMP	8.00	0	15:28	8.00	0	15:29	1.00							
W-WELL3D-NEW	WEIR	236.85	3	00:16	157.31	2	20:12					1.00	2	11:50	
W-WELL4-11-NEW	WEIR	4.90	2	15:54	3.58	2	15:35					0.17	2	15:54	
W-WELL6A-NEW	WEIR	18.66	2	15:19	13.50	2	15:09					0.59	2	21:26	
W-WELL6D-NEW	WEIR	2.11	2	18:44	2.11	2	18:44					0.09	2	21:01	
W-WELL7D-NEW	WEIR	102.11	2	12:37	67.79	2	12:34					1.00	2	11:57	
W1-10-NEW	WEIR	48.35	2	12:18	17.51	2	12:21					0.88	2	12:17	
W1-26-NEW	WEIR	85.78	2	15:03	67.07	2	22:58					1.00	2	10:02	
W3-56-NEW	WEIR	64.78	2	11:48	44.46	2	11:49					1.00	2	08:43	
W5-2-NEW	WEIR	6.98	2	12:17	6.70	2	12:15					0.18	2	12:15	
W6A-26-NEW	WEIR	65.85	3	00:04	44.80	2	23:05					1.00	2	11:46	
WA-10	WEIR	58.87	2	15:31	45.92	2	22:05					1.00	2	11:48	
WA-4-NEW	WEIR	140.43	2	11:55	77.75	2	11:56					1.00	1	06:41	
WEIR-11	WEIR	13.11	2	13:37	6.63	3	04:46					0.54	2	13:37	
WEIR-13	WEIR	11.63	2	13:52	8.14	2	13:44					0.59	2	13:47	
WEIR-15	WEIR	9.45	3	05:41	8.99	3	05:08					0.40	3	05:39	
WEIR-17	WEIR	58.65	2	12:37	23.70	2	12:45					1.00	2	12:36	
WEIR-19	WEIR	11.52	2	15:17	8.40	2	14:48					0.57	2	16:04	
WEIR-21	WEIR	0.80	2	15:31	0.22	2	12:48					0.08	2	15:31	
WEIR-23	WEIR	1.45	2	13:51	1.45	2	13:51					0.10	2	13:31	
WEIR-25	WEIR	2.48	2	13:00	2.48	2	13:00					0.11	2	13:00	
WEIR-27	WEIR	0.10	2	14:43	0.00	0	00:00					0.02	2	14:43	
WEIR-29	WEIR	0.71	2	13:09	0.71	2	13:09					0.05	2	13:09	
WEIR-3	WEIR	13.33	2	14:32	7.59	2	19:35					0.55	2	15:43	

WEIR-31	WEIR	6.49	2	18:36	4.55	2	15:13	0.34	2	19:06
WEIR-33	WEIR	8.19	2	15:04	5.28	2	15:04	0.41	2	14:29
WEIR-35	WEIR	5.09	2	14:17	2.91	2	19:35	0.31	2	15:52
WEIR-37	WEIR	5.39	3	02:58	4.12	3	02:15	0.22	3	02:15
WEIR-39	WEIR	7.60	3	02:58	4.67	3	02:15	0.33	2	21:13
WEIR-41	WEIR	3.33	2	12:27	3.33	2	12:27	0.22	2	14:28
WEIR-43	WEIR	2.86	2	15:01	2.25	2	14:48	0.19	2	14:59
WEIR-45	WEIR	5.27	2	16:07	2.87	2	15:13	0.29	2	16:04
WEIR-47	WEIR	4.58	2	17:27	3.57	2	16:07	0.28	2	17:53
WEIR-49	WEIR	11.24	2	16:10	7.85	2	14:18	0.56	2	15:43
WEIR-5	WEIR	11.68	2	14:32	7.35	3	03:07	0.55	2	15:43
WEIR-51	WEIR	1.07	2	15:55	0.78	2	19:35	0.14	2	18:53
WEIR-53	WEIR	52.28	2	12:13	23.13	2	15:50	1.00	2	08:51
WEIR-55	WEIR	1.71	2	16:07	1.01	2	15:39	0.15	2	18:34
WEIR-57	WEIR	11.86	2	16:10	7.28	2	19:40	0.53	2	15:52
WEIR-59	WEIR	10.61	2	15:10	6.33	2	19:35	0.49	2	16:09
WEIR-61	WEIR	5.37	2	16:10	3.76	2	12:19	0.33	2	15:52
WEIR-63	WEIR	9.82	3	01:21	6.39	3	04:46	1.00	2	08:20
WEIR-65	WEIR	3.99	3	05:03	3.99	3	05:04	0.15	3	05:03
WEIR-67	WEIR	18.43	2	14:19	15.20	3	04:58	0.72	2	14:16
WEIR-69	WEIR	15.03	2	14:32	9.66	2	15:47	0.59	2	14:56
WEIR-7	WEIR	15.38	2	15:50	11.66	2	14:18	0.58	2	15:38
WEIR-71	WEIR	2.89	2	14:40	2.89	2	14:40	0.19	2	14:36
WEIR-73	WEIR	2.39	2	14:17	2.38	2	14:18	0.15	2	14:28
WEIR-75	WEIR	1.22	2	12:43	1.22	2	12:47	0.38	2	12:50
WEIR-77	WEIR	3.39	2	21:28	3.27	2	19:00	0.18	2	23:52
WEIR-79	WEIR	4.23	2	14:33	4.22	2	14:33	0.17	2	15:19
WEIR-81	WEIR	2.70	2	11:51	2.45	2	15:05	0.15	2	15:19
WEIR-83	WEIR	23.35	2	16:04	11.63	3	04:17	1.00	2	15:44
WEIR-85	WEIR	58.94	2	22:37	21.02	2	15:47	1.00	2	14:33
WEIR-87	WEIR	58.34	2	22:37	11.70	2	21:17	1.00	2	14:33
WEIR-9	WEIR	9.08	2	14:29	6.07	2	15:17	0.55	2	14:45
WEIR-J-748	WEIR	56.32	2	07:37	35.32	2	07:57	1.00	1	22:40
WEIR-J-754-STANTECT	WEIR	93.83	2	10:17	55.53	2	11:13	1.00	0	23:48
WEIR-J-799-EAC	WEIR	2.15	3	03:43	2.15	3	03:44	1.00	0	23:53
CDT-19	DUMMY	4.62	2	08:40	4.62	2	08:41			
CDT-21	DUMMY	2.84	2	06:09	2.84	2	09:47			
CDT-23	DUMMY	1.41	1	02:30	1.41	2	02:38			
CDT-25	DUMMY	3.85	2	05:14	3.85	2	08:59			
CDT-27	DUMMY	2.06	1	16:11	2.06	2	09:41			
CDT-29	DUMMY	1.44	0	18:42	1.44	1	23:02			
CDT-31	DUMMY	2.27	0	18:06	2.27	1	04:08			
CDT-33	DUMMY	1.95	2	08:37	1.95	2	08:38			
CDT-35	DUMMY	1.90	2	17:36	1.90	2	17:37			
CDT-37	DUMMY	3.79	0	22:30	3.80	2	09:41			
CDT-39	DUMMY	2.27	1	07:49	2.27	2	08:23			
CDT-41	DUMMY	1.90	2	05:21	1.90	2	05:47			
CDT-43	DUMMY	0.63	1	13:26	0.63	2	06:47			
CDT-45	DUMMY	1.21	0	22:47	1.21	1	12:43			
CDT-47	DUMMY	1.28	2	11:34	1.28	2	11:35			
CDT-49	DUMMY	1.28	2	09:39	1.28	2	09:44			
CDT-51	DUMMY	1.28	2	09:24	1.28	2	09:25			
CDT-53	DUMMY	3.30	2	09:54	3.30	2	11:48			
CDT-55	DUMMY	1.90	1	17:15	1.90	2	11:34			
CDT-57	DUMMY	1.28	0	17:23	1.28	1	05:17			
CDT-59	DUMMY	2.84	2	01:21	2.84	2	01:22			
CDT-61	DUMMY	1.28	0	17:43	1.28	0	17:44			
CDT-63	DUMMY	2.84	2	04:03	2.84	2	11:54			
J33A_OUTFALL	DUMMY	2.82	1	19:27	2.82	2	08:49			
J567_OUTFALL	DUMMY	2.82	2	10:28	2.82	2	10:29			
U-331	DUMMY	1.70	1	03:03	1.70	2	06:07			

W-ENID-DRIVE	DUMMY	3.79	1	01:28	3.80	1	06:10
WELL-W-MCINTYRE	DUMMY	3.79	2	07:21	3.80	2	07:41

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  Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C-WELL3W	1.25	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C-WELL4E	1.41	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-101	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-103	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-105	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-107	2.11	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-109	2.11	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.01	0.00
CDT-11	1.00	0.02	0.03	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-111	2.11	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-113	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-115	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-121	70.04	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-123	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-125	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-171	1.00	0.01	0.05	0.00	0.94	0.00	0.00	0.00	0.00	0.00
CDT-173	5.03	0.09	0.00	0.00	0.89	0.00	0.01	0.01	0.00	0.00
CDT-175	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-177	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-179	22.55	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.00	0.00
CDT-181	5.03	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-183	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-185	5.03	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-187	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-189	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-191	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-193	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-195	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-197	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-199	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-201	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-205	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-207	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-209	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-211	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-213	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-215	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-217	15.62	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-219	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-221	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-223	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-225	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-227	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-229	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-231	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-233	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-235	5.03	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.00	0.00
CDT-237	21.76	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.19	0.00
CDT-239	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-241	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-243	21.76	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-245	21.76	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-247	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-249	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-251	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-253	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-255	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-257	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-259	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
CDT-261	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-263	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-265	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-267	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-269	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-271	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-273	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-275	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-277	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-279	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-281	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-283	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-285	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

CDT-287	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-289	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-291	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-293	5.03	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-295	5.03	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-297	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-299	3.52	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-439	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-493	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-495	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-525	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-539	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.12	0.00
CDT-87	14.60	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
CDT-91	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-93	2.11	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.00
CDT-95	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-97	2.11	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-99	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J-963_OUTFALL	1.45	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J561_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J575_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J920_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
LINK-WELL-2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
U-1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-102	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-104	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-105	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-11	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-113	1.00	0.03	0.00	0.00	0.92	0.00	0.00	0.05	0.00	0.00
U-114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-118	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-122	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-125	1.00	0.04	0.00	0.00	0.91	0.00	0.00	0.05	0.00	0.00
U-129	1.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-141	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.14
U-150	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-153	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-155	1.34	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-161	1.00	0.03	0.00	0.00	0.83	0.00	0.00	0.14	0.00	0.02
U-165	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-167	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-17	1.62	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.19
U-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-172	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-176	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-177	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-181	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-184	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
U-186	1.00	0.02	0.00	0.00	0.52	0.00	0.00	0.47	0.00	0.03
U-191	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-193	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-195	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-197	1.18	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-199	1.00	0.02	0.00	0.00	0.87	0.00	0.00	0.11	0.00	0.03
U-20	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-200	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.00	0.01
U-201	1.00	0.02	0.00	0.00	0.79	0.00	0.00	0.19	0.00	0.05
U-202	1.00	0.02	0.00	0.00	0.87	0.00	0.01	0.10	0.00	0.04
U-203	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-204	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-206	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-207	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-208	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-211	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-213	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-214	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-220	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-221	1.57	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-227	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-228	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-231	1.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-232	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.12
U-233	1.00	0.01	0.00	0.00	0.91	0.00	0.00	0.08	0.00	0.00
U-237	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-239	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-240	1.00	0.00	0.00	0.00	0.94	0.00	0.00	0.06	0.00	0.00
U-242	1.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-244	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-245	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-249	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-25	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-253	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-254	1.00	0.02	0.00	0.00	0.94	0.00	0.01	0.03	0.00	0.00
U-256	2.69	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.00
U-259	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-260	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-261	1.00	0.05	0.00	0.00	0.29	0.00	0.00	0.66	0.00	0.19
U-262-NEW	1.40	0.77	0.00	0.00	0.12	0.00	0.00	0.10	0.00	0.00
U-263	1.00	0.00	0.38	0.00	0.23	0.00	0.39	0.00	0.00	0.11
U-265	2.65	0.00	0.04	0.00	0.95	0.00	0.01	0.00	0.00	0.22
U-267	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-270	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-271	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-274	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-277	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-280	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-286	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-289	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-290	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-291	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-293	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-294	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-295	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-298	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-299	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-300	1.02	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-304	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-309	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-312	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-315	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-316	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-319	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-322	1.00	0.01	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-325	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
U-327	1.00	0.03	0.00	0.00	0.20	0.00	0.00	0.77	0.00	0.00
U-328	1.00	0.02	0.00	0.00	0.94	0.00	0.00	0.03	0.00	0.00
U-330	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-332	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.04
U-335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-337	1.13	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.11
U-34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-344	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-345	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.15
U-346	1.01	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-347	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-348	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-35	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-351	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-352	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-353	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-354	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-357	1.00	0.01	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-358	1.00	0.00	0.00	0.00	0.67	0.00	0.01	0.32	0.00	0.17
U-364	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-364A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-366	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-37	1.35	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-372	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-373	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-376	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.09
U-379	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-38	1.59	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-382	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-385	1.00	0.01	0.00	0.00	0.97	0.00	0.02	0.00	0.00	0.00
U-386	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-388	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-390	1.00	0.02	0.00	0.00	0.96	0.00	0.01	0.00	0.00	0.00
U-391	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.00	0.03
U-392	1.79	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-394	1.00	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.00	0.05
U-397	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-398	1.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-399	1.00	0.00	0.00	0.00	0.88	0.00	0.00	0.12	0.00	0.00
U-402	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-404	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-406	1.00	0.01	0.00	0.00	0.96	0.00	0.03	0.00	0.00	0.00
U-407	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.01
U-408	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
U-409	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-411	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-412	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-413	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-414	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-415	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-417	1.00	0.15	0.00	0.00	0.82	0.00	0.02	0.01	0.00	0.00
U-418	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-419	1.55	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-421	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-428	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-430	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-434	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-437	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-439	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-44	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.04
U-440	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.07
U-441	1.00	0.04	0.00	0.00	0.73	0.00	0.00	0.23	0.00	0.05
U-443	1.00	0.02	0.00	0.00	0.53	0.00	0.00	0.45	0.00	0.14
U-445	1.00	0.02	0.00	0.00	0.94	0.00	0.00	0.04	0.00	0.07
U-447	2.20	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.01
U-448	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.05
U-449	1.00	0.02	0.00	0.00	0.95	0.00	0.00	0.03	0.00	0.08
U-45	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.04
U-450	1.00	0.02	0.00	0.00	0.81	0.00	0.00	0.16	0.00	0.20
U-451	1.00	0.02	0.00	0.00	0.89	0.00	0.01	0.08	0.00	0.14
U-452	1.00	0.02	0.00	0.00	0.92	0.00	0.00	0.05	0.00	0.02
U-454	1.00	0.02	0.00	0.00	0.81	0.00	0.02	0.15	0.00	0.11
U-456	1.62	0.02	0.01	0.00	0.71	0.00	0.01	0.24	0.00	0.14
U-463	1.00	0.04	0.12	0.00	0.52	0.00	0.11	0.22	0.00	0.21
U-464	1.00	0.02	0.02	0.00	0.93	0.00	0.00	0.04	0.00	0.01
U-466	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.00	0.03
U-468	2.01	0.00	0.30	0.00	0.68	0.00	0.01	0.00	0.00	0.31
U-468-NEW	1.00	0.14	0.00	0.00	0.67	0.00	0.00	0.19	0.00	0.00
U-469	1.32	0.00	0.00	0.00	0.98	0.00	0.00	0.02	0.00	0.26
U-47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-48	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-483	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-486	1.00	0.06	0.00	0.00	0.90	0.00	0.00	0.04	0.00	0.00
U-489	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.52
U-492	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-495	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.13
U-496	1.00	0.02	0.00	0.00	0.76	0.00	0.02	0.19	0.00	0.07
U-497	1.00	0.04	0.00	0.00	0.21	0.00	0.00	0.76	0.00	0.50
U-498	1.00	0.05	0.00	0.00	0.03	0.00	0.01	0.92	0.00	0.57
U-5	2.12	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.09
U-50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-500	3.06	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-501	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-502	1.29	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-503	1.00	0.03	0.00	0.00	0.96	0.00	0.01	0.00	0.00	0.27
U-507	1.00	0.03	0.00	0.00	0.62	0.00	0.00	0.35	0.00	0.04

U-509	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	0.00	0.09
U-513	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
U-514	1.00	0.07	0.09	0.00	0.70	0.00	0.09	0.05	0.00	0.02
U-518-NEW	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-519-NEW	1.00	0.05	0.02	0.00	0.93	0.00	0.00	0.00	0.00	0.00
U-522	1.00	0.58	0.00	0.00	0.19	0.00	0.00	0.23	0.00	0.16
U-523	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-524-NEW	3.72	0.80	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
U-525	1.00	0.80	0.00	0.00	0.18	0.00	0.00	0.01	0.00	0.01
U-526	1.00	0.81	0.00	0.00	0.16	0.00	0.03	0.00	0.00	0.00
U-527	1.00	0.81	0.00	0.00	0.16	0.00	0.03	0.00	0.00	0.00
U-53	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-530	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.18
U-531	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-533	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-534-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-537	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.13
U-538	1.00	0.00	0.04	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-54	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.12
U-545	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-547	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-548	13.18	0.00	0.12	0.00	0.87	0.00	0.00	0.00	0.00	0.02
U-549	13.50	0.07	0.06	0.00	0.86	0.00	0.01	0.00	0.00	0.32
U-55	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-550	1.00	0.05	0.03	0.00	0.93	0.00	0.00	0.00	0.00	0.00
U-555	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-559	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-56	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-562	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-565	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-568	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-569	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-570	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.08
U-572	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-573	1.03	0.00	0.12	0.00	0.76	0.00	0.12	0.00	0.00	0.39
U-574	1.43	0.12	0.00	0.00	0.70	0.00	0.10	0.08	0.00	0.28
U-575	1.93	0.00	0.00	0.00	0.81	0.00	0.19	0.00	0.00	0.00
U-580	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-583	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-584	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-587	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-589	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-59	3.20	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.12
U-590	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-591	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-596	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-599	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-60	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-601	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-604	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-608	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-609	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-612	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-614	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.19
U-616	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-618	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-620	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-621	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-623	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-625	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-628	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-629	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-632	1.97	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.00	0.63
U-633	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-637	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-64	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-640	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-643	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-646	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-648	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-649	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-651	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-652	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-653	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-656	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-657	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-659-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-66	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-663	1.00	0.03	0.00	0.00	0.89	0.00	0.00	0.08	0.00	0.00
U-668	1.00	0.03	0.00	0.00	0.44	0.00	0.00	0.53	0.00	0.00
U-671	1.00	0.02	0.00	0.00	0.42	0.00	0.00	0.56	0.00	0.00
U-674	1.00	0.02	0.00	0.00	0.32	0.00	0.00	0.66	0.00	0.00
U-675	1.00	0.03	0.00	0.00	0.64	0.00	0.01	0.33	0.00	0.02
U-678	1.00	0.03	0.00	0.00	0.38	0.00	0.00	0.59	0.00	0.04
U-68	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-681	1.00	0.05	0.00	0.00	0.72	0.02	0.05	0.17	0.00	0.07
U-682	1.53	0.05	0.00	0.00	0.12	0.01	0.02	0.80	0.00	0.60
U-684	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-685	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-686	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.01	0.00	0.00
U-687	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-688	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-690	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-694	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-695	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-696	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-70	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-701	3.71	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.00	0.07
U-704	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-706	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-707	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-708	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-71	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-710	3.71	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-711	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-717	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-718	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-719	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-720	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
U-721-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-725	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-727	1.00	0.04	0.00	0.00	0.75	0.00	0.01	0.19	0.00	0.01
U-729	1.00	0.04	0.00	0.00	0.56	0.00	0.00	0.40	0.00	0.12
U-73	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-731	1.00	0.04	0.00	0.00	0.88	0.00	0.00	0.07	0.00	0.00
U-732	1.00	0.04	0.00	0.00	0.67	0.00	0.00	0.29	0.00	0.16
U-734	1.00	0.04	0.00	0.00	0.92	0.00	0.00	0.04	0.00	0.00
U-736	1.00	0.03	0.00	0.00	0.49	0.00	0.00	0.48	0.00	0.01
U-738	1.00	0.03	0.00	0.00	0.53	0.00	0.01	0.43	0.00	0.00
U-74	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-740	1.00	0.04	0.00	0.00	0.89	0.00	0.00	0.08	0.00	0.00
U-741	1.00	0.03	0.00	0.00	0.72	0.00	0.00	0.25	0.00	0.00
U-743	1.00	0.02	0.00	0.00	0.32	0.00	0.00	0.66	0.00	0.01
U-745	1.00	0.02	0.00	0.00	0.89	0.00	0.00	0.09	0.00	0.01
U-747	1.00	0.03	0.00	0.00	0.78	0.00	0.00	0.19	0.00	0.00
U-749	1.00	0.04	0.00	0.00	0.77	0.00	0.00	0.19	0.00	0.00
U-75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-751	1.00	0.04	0.00	0.00	0.91	0.00	0.00	0.05	0.00	0.01
U-753	1.00	0.04	0.00	0.00	0.78	0.00	0.00	0.18	0.00	0.05
U-755	1.00	0.03	0.00	0.00	0.86	0.00	0.00	0.11	0.00	0.00
U-763	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-766	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-769	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-77	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-772	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-775	1.00	0.00	0.00	0.00	0.97	0.00	0.03	0.00	0.00	0.00
U-778	1.00	0.00	0.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00
U-783	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-786	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-789	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-792	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-795	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-796	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-8	3.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.00	0.05
U-801	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-804	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-807	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-810	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-811	1.09	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-815	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-816	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-820	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-823	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-826	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-829	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-83	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-832	1.33	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-833	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-834-EAC	1.22	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-835	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.07
U-837	1.21	0.00	0.02	0.00	0.95	0.00	0.03	0.00	0.00	0.00
U-838	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-839	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-840	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-841	1.46	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-842	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-846	1.00	0.04	0.00	0.00	0.75	0.00	0.00	0.21	0.00	0.34
U-847	1.02	0.05	0.00	0.00	0.17	0.00	0.78	0.00	0.00	0.00
U-848	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
U-851	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-852	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-854	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-856	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-858	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-860	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-863	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-864	1.14	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.04
U-865	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.16
U-866	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-867	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-868	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-869	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-871	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-872	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-874-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-875	1.00	0.02	0.02	0.00	0.96	0.00	0.00	0.00	0.00	0.06
U-878	1.00	0.02	0.00	0.00	0.92	0.00	0.00	0.06	0.00	0.01
U-879	1.00	0.03	0.00	0.00	0.52	0.00	0.00	0.45	0.00	0.05
U-88	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-880	1.42	0.03	0.00	0.00	0.84	0.00	0.00	0.12	0.00	0.07
U-885	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-90	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-91	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-92	1.00	0.00	0.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00
U-96	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-97	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-98	2.68	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-99	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
C-WELL3W	77.99	77.99	78.00	0.00	0.00
C-WELL4E	0.21	0.21	1.06	0.00	0.00
CDT-101	21.63	21.64	21.65	0.23	7.28
CDT-103	21.41	21.54	21.65	0.61	7.41
CDT-105	21.29	21.36	21.42	1.07	5.84
CDT-107	21.74	21.88	22.27	1.05	13.81
CDT-109	22.10	22.27	22.31	2.80	10.43
CDT-11	59.78	59.78	62.51	8.62	13.63
CDT-111	22.43	22.55	22.79	1.40	12.90
CDT-113	19.83	19.98	19.90	0.72	8.80
CDT-115	22.53	22.63	22.55	0.15	8.68
CDT-121	25.75	26.03	76.90	0.00	0.10
CDT-123	51.18	51.18	51.19	4.15	11.88
CDT-125	49.20	49.22	49.20	0.03	7.36
CDT-171	22.38	22.39	24.42	0.00	0.01
CDT-173	13.76	14.21	13.98	0.01	4.99
CDT-175	13.38	13.51	13.44	0.00	2.72
CDT-177	13.38	13.51	13.44	0.00	2.66
CDT-179	4.88	4.88	11.72	0.00	0.00
CDT-181	3.08	3.15	3.44	0.00	2.36
CDT-183	15.17	15.27	15.21	0.00	4.64
CDT-185	3.08	3.15	3.45	0.00	2.39
CDT-187	47.63	47.68	47.66	0.00	19.88
CDT-189	47.63	47.66	47.68	0.00	19.78
CDT-191	11.53	11.82	11.72	0.00	2.60

CDT-193	22.34	22.40	22.71	0.07	4.69
CDT-195	42.23	42.23	42.23	0.00	4.59
CDT-197	21.21	21.24	21.29	0.01	9.06
CDT-199	21.06	21.12	21.06	0.00	9.06
CDT-201	21.03	21.13	21.04	0.01	8.90
CDT-205	21.18	21.22	21.31	0.03	8.96
CDT-207	20.67	20.82	21.01	0.03	2.79
CDT-209	24.30	24.35	24.33	0.03	4.76
CDT-211	24.30	24.33	24.35	0.02	9.52
CDT-213	23.22	23.85	23.48	0.04	8.64
CDT-215	22.08	22.17	22.29	0.06	9.50
CDT-217	21.11	21.13	21.62	0.00	0.53
CDT-219	21.11	21.11	21.11	0.00	2.06
CDT-221	18.95	18.98	18.96	0.00	1.01
CDT-223	21.10	21.10	21.10	0.00	9.89
CDT-225	19.10	19.18	19.14	0.00	7.02
CDT-227	20.97	21.00	21.06	0.02	9.44
CDT-229	21.37	21.40	21.38	0.00	9.12
CDT-231	21.37	21.38	21.40	0.00	13.63
CDT-233	21.26	21.44	21.35	0.02	5.89
CDT-235	20.26	21.00	20.33	0.28	9.98
CDT-237	20.23	20.25	22.43	0.00	3.51
CDT-239	22.52	22.53	22.52	0.01	7.22
CDT-241	21.37	21.40	21.38	0.00	6.03
CDT-243	21.05	21.07	22.52	0.00	0.11
CDT-245	21.05	21.07	22.52	0.00	0.11
CDT-247	21.22	21.25	21.37	0.01	11.63
CDT-249	21.39	21.47	21.39	0.02	11.27
CDT-251	19.21	19.30	19.24	0.00	6.19
CDT-253	21.05	21.06	21.05	0.00	6.08
CDT-255	22.56	22.60	22.56	0.33	12.83
CDT-257	22.55	22.59	22.56	0.68	9.88
CDT-259	20.32	20.36	20.39	0.11	8.00
CDT-261	20.86	20.95	20.90	0.07	8.14
CDT-263	18.77	18.84	18.79	0.00	1.76
CDT-265	5.86	6.02	6.37	0.09	1.52
CDT-267	5.86	6.02	6.37	0.11	2.39
CDT-269	5.03	5.03	5.03	0.02	1.93
CDT-271	19.67	19.79	19.72	0.01	7.56
CDT-273	23.10	23.14	23.21	0.03	9.79
CDT-275	20.33	20.34	20.38	0.02	1.77
CDT-277	20.12	20.15	20.12	0.01	2.26
CDT-279	23.10	23.14	23.21	0.03	8.88
CDT-281	20.12	20.15	20.12	0.01	5.24
CDT-283	20.37	20.39	20.43	0.01	5.67
CDT-285	20.13	20.16	20.14	0.00	4.75
CDT-287	20.19	20.20	20.21	0.02	2.96
CDT-289	18.14	18.14	18.14	0.03	1.57
CDT-291	24.35	24.42	24.48	0.02	3.33
CDT-293	19.35	19.40	19.49	0.09	4.63
CDT-295	21.13	21.16	21.31	0.35	12.02
CDT-297	21.36	21.37	21.48	0.26	10.78
CDT-299	54.95	55.01	55.72	10.86	24.41
CDT-439	45.23	52.10	46.71	40.28	17.47
CDT-493	47.89	49.00	48.76	47.44	31.54
CDT-495	46.63	48.76	47.50	44.06	29.60
CDT-525	57.16	57.16	57.16	1.69	14.36
CDT-539	21.99	22.00	38.91	0.02	1.43
CDT-87	0.00	0.00	0.00	0.65	0.00
CDT-91	64.08	64.08	64.08	0.66	8.75
CDT-93	26.08	27.17	28.72	4.75	11.41
CDT-95	20.59	20.63	20.66	0.33	10.72
CDT-97	20.54	20.58	20.65	0.38	11.20
CDT-99	25.01	26.29	25.41	0.43	13.05
J-963_OUTFALL	78.00	78.00	78.00	6.05	17.25
J561_OUTFALL	56.82	56.82	78.00	17.79	14.02
J575_OUTFALL	77.99	77.99	78.00	3.73	7.24
J920_OUTFALL	56.75	56.75	78.00	0.01	1.98
LINK-WELL-2	37.54	37.54	77.99	23.00	19.23
U-1	57.00	58.94	57.01	31.58	35.73
U-100	46.40	49.40	51.93	19.09	23.89
U-101	46.17	50.23	51.19	31.79	26.19
U-102	49.38	51.93	53.80	22.97	27.02
U-103	50.58	51.19	57.28	35.13	26.74
U-104	61.40	61.40	61.40	29.34	28.27
U-105	25.63	26.76	30.38	25.13	16.33
U-106	23.42	23.42	78.00	5.88	9.84
U-11	58.35	58.49	58.35	11.40	28.84
U-110	60.07	60.35	60.68	48.53	16.77
U-112	57.69	57.80	60.68	22.97	27.99

U-113	59.84	61.96	59.87	55.90	24.03
U-114	57.66	60.69	57.80	35.68	36.90
U-118	59.75	59.75	59.77	35.03	37.76
U-121	55.59	59.46	55.61	36.04	40.01
U-122	56.13	56.13	59.45	29.59	32.30
U-125	21.73	22.30	22.61	38.33	19.51
U-129	57.70	60.00	57.74	34.62	18.44
U-13	59.96	59.96	59.96	49.40	41.51
U-131	57.67	59.99	57.74	46.35	37.04
U-141	52.66	60.53	52.69	52.34	20.93
U-142	52.64	52.65	60.56	51.42	17.42
U-147	45.83	60.57	45.83	48.46	24.24
U-15	59.65	59.65	62.38	0.96	10.61
U-150	40.42	45.84	50.74	53.94	27.74
U-153	44.53	50.76	49.66	48.80	34.10
U-155	45.77	49.70	51.55	40.44	29.18
U-156	46.78	51.54	53.82	53.42	28.95
U-158	53.78	53.79	60.56	47.70	29.26
U-16	49.15	49.70	49.46	50.61	34.61
U-160	41.15	46.55	51.08	42.01	17.86
U-161	41.12	46.36	47.69	52.82	23.05
U-165	30.49	37.48	30.87	52.29	24.64
U-167	27.13	30.87	31.26	57.77	20.71
U-17	22.18	22.18	23.12	0.00	0.53
U-171	30.89	37.99	31.27	55.42	25.96
U-172	30.42	31.28	39.81	59.84	22.88
U-176	38.71	39.23	39.81	50.14	30.24
U-177	26.34	27.97	27.60	50.03	4.53
U-18	55.58	55.58	57.60	44.27	35.52
U-181	25.99	28.43	27.58	47.61	5.02
U-184	26.14	28.43	27.45	51.62	14.53
U-186	34.75	38.53	36.67	60.44	22.74
U-191	53.52	61.47	53.62	56.06	38.26
U-193	45.76	53.61	48.60	48.35	29.64
U-195	43.90	48.59	50.27	49.47	31.15
U-196	49.07	50.26	59.48	55.32	32.09
U-197	36.78	41.07	38.99	41.19	8.22
U-199	38.26	41.08	41.74	55.45	26.73
U-20	55.58	57.60	55.58	53.48	41.28
U-200	43.09	44.19	51.68	58.07	27.90
U-201	33.32	36.41	41.72	57.02	24.18
U-202	43.15	47.71	45.95	35.01	15.99
U-203	61.66	61.66	61.68	58.25	35.44
U-204	59.79	59.79	61.68	52.77	19.63
U-206	61.68	61.68	61.68	51.84	37.94
U-207	54.23	59.71	55.61	53.65	33.47
U-208	50.14	55.55	53.78	50.74	34.72
U-211	53.78	53.80	61.65	54.26	33.87
U-213	56.99	56.99	61.55	52.67	33.57
U-214	52.23	52.23	78.00	0.00	5.70
U-22	55.64	57.57	55.65	53.69	38.20
U-220	61.96	62.20	62.05	44.94	18.78
U-221	66.86	66.86	66.86	52.16	34.10
U-227	41.69	44.54	52.91	49.13	33.85
U-228	52.90	52.91	61.67	54.38	34.14
U-231	39.71	42.69	45.89	15.39	10.54
U-232	58.98	59.34	63.70	0.00	9.05
U-233	44.88	45.50	58.38	58.12	15.09
U-237	37.73	52.10	38.97	23.16	11.19
U-239	59.17	60.36	59.34	56.13	44.21
U-240	59.53	60.47	59.79	56.80	34.91
U-242	55.73	56.95	57.49	27.98	34.51
U-244	60.41	60.47	60.56	55.79	28.62
U-245	55.49	55.57	60.45	52.55	30.85
U-249	48.68	52.29	55.57	51.57	30.30
U-25	53.66	55.66	55.35	39.44	34.84
U-251	48.31	54.02	52.30	45.64	28.67
U-253	60.68	60.68	60.69	56.91	42.87
U-254	52.45	52.55	60.48	56.43	31.38
U-256	41.49	47.67	43.18	9.55	19.57
U-259	38.21	45.45	42.09	50.55	32.66
U-26	55.29	55.29	57.59	51.16	17.98
U-260	59.64	59.84	60.12	58.48	25.58
U-261	12.51	13.58	12.65	23.96	10.24
U-262-NEW	12.83	17.25	12.97	22.13	12.39
U-263	17.06	17.06	78.00	0.00	0.12
U-265	20.92	20.97	59.19	0.00	0.27
U-267	47.17	52.76	56.05	46.31	20.39
U-270	48.46	56.03	54.10	45.21	17.97
U-271	50.80	54.11	59.13	47.06	35.24

U-274	54.69	54.69	57.60	25.21	16.08
U-277	54.69	57.62	54.69	31.77	21.81
U-28	52.98	57.59	52.99	50.01	35.57
U-280	46.29	60.29	46.32	51.20	22.37
U-286	42.03	60.31	42.04	46.56	17.78
U-289	37.59	42.04	51.16	45.77	10.78
U-29	52.99	52.99	57.60	50.55	31.88
U-290	37.82	46.32	46.37	43.93	13.01
U-291	43.02	46.37	54.28	44.33	13.76
U-293	51.14	51.16	60.29	34.34	19.41
U-294	52.89	60.29	52.92	54.19	40.72
U-295	48.79	52.92	54.31	42.81	33.21
U-298	46.49	49.96	54.31	37.94	24.64
U-299	45.78	54.33	48.76	45.26	13.18
U-300	42.34	48.75	48.36	30.03	16.05
U-304	61.35	61.56	61.35	61.51	30.89
U-308	34.38	48.09	39.52	59.46	13.48
U-308A	43.54	48.07	52.33	55.05	19.82
U-309	38.03	43.51	49.93	47.27	14.93
U-312	23.65	39.53	27.26	61.27	17.35
U-315	22.21	27.26	24.16	60.30	15.21
U-316	23.34	24.17	25.87	61.66	16.74
U-319	18.51	19.19	18.79	61.35	15.90
U-322	18.45	18.67	18.79	61.47	2.59
U-325	18.11	18.67	18.12	59.00	8.27
U-327	18.14	18.20	18.55	58.96	9.49
U-328	22.33	24.48	24.73	57.18	17.39
U-330	26.60	26.60	60.94	0.00	0.72
U-332	54.50	54.50	62.33	0.01	2.51
U-335	47.44	47.51	60.64	49.44	24.22
U-337	36.75	37.63	58.34	0.00	6.00
U-34	42.29	57.56	42.30	39.79	17.98
U-341	62.26	62.33	62.30	52.93	28.76
U-344	44.34	44.41	62.05	56.40	28.46
U-345	33.18	43.48	44.40	0.08	5.28
U-346	52.56	59.96	52.59	45.10	26.30
U-347	46.23	52.59	52.32	56.21	26.21
U-348	32.35	37.66	39.48	59.42	22.78
U-35	44.00	57.57	44.02	43.50	19.52
U-351	59.16	59.67	59.65	61.35	36.43
U-352	46.60	49.36	54.80	18.84	14.80
U-353	54.80	54.80	60.04	16.71	12.75
U-354	22.91	25.45	24.03	34.95	3.91
U-357	22.13	25.89	24.03	52.58	16.22
U-358	32.32	41.46	41.96	56.01	7.33
U-364	58.89	58.89	58.89	35.37	3.18
U-364A	49.10	49.20	49.12	3.77	9.75
U-366	42.81	60.04	42.83	48.52	19.93
U-37	57.57	57.57	57.58	16.98	28.75
U-372	38.77	42.84	52.33	46.34	11.81
U-373	55.36	61.39	55.36	39.32	25.29
U-376	36.92	39.49	55.34	0.00	5.09
U-379	60.39	60.42	60.43	49.30	46.98
U-38	24.50	24.82	25.65	3.84	3.90
U-382	42.43	47.46	48.01	35.13	30.24
U-385	45.93	52.19	48.01	36.62	15.74
U-386	60.85	60.87	60.85	32.15	38.02
U-388	53.82	57.89	54.04	37.68	38.00
U-390	52.22	54.95	54.03	26.83	18.64
U-391	52.98	52.98	62.37	0.00	3.18
U-392	51.18	52.98	58.44	0.00	9.45
U-394	60.42	60.42	65.00	0.01	2.25
U-397	60.24	60.42	60.38	55.87	26.40
U-398	20.64	21.37	21.11	35.06	6.55
U-399	59.62	65.00	59.62	60.03	30.84
U-402	50.95	60.78	51.02	55.99	38.21
U-404	50.47	51.02	59.82	47.87	32.13
U-406	47.17	60.61	47.27	55.28	21.56
U-407	59.75	61.49	59.85	42.21	34.71
U-408	60.16	61.74	60.39	27.14	16.45
U-409	43.69	49.41	47.89	0.90	10.95
U-411	40.19	47.87	46.02	45.45	20.23
U-412	38.36	46.02	44.32	45.37	24.61
U-413	38.56	44.31	43.56	34.24	21.58
U-414	51.90	62.08	51.95	56.73	35.38
U-415	45.87	45.90	62.34	48.27	24.22
U-416	62.14	62.34	62.25	59.74	33.57
U-417	14.49	14.56	14.53	0.59	4.34
U-418	47.47	47.48	53.95	36.43	25.94
U-419	61.93	78.00	61.93	18.87	13.02

U-420	54.73	54.73	54.73	22.92	25.94
U-421	22.86	23.56	23.50	4.72	5.50
U-423	22.34	23.50	23.15	6.51	5.69
U-428	21.99	23.15	23.02	9.23	6.78
U-430	21.46	23.02	22.57	26.87	19.15
U-434	20.83	22.57	22.05	26.57	18.69
U-437	44.13	52.54	44.13	40.48	34.98
U-439	44.17	44.17	56.33	28.30	23.58
U-44	43.04	43.04	56.46	2.95	16.10
U-440	44.95	44.95	56.33	0.14	5.15
U-441	30.49	33.62	44.92	0.41	3.72
U-443	25.86	29.22	31.35	11.84	4.33
U-445	20.79	21.51	25.36	0.22	0.61
U-447	53.65	53.65	56.47	0.00	8.25
U-448	51.96	51.97	58.54	0.03	5.94
U-449	24.97	25.66	36.78	0.11	2.97
U-45	30.85	38.98	43.03	0.31	13.52
U-450	20.64	21.29	34.00	0.18	0.51
U-451	20.18	21.29	23.03	2.14	0.24
U-452	21.79	25.32	23.06	8.92	0.91
U-454	20.85	21.35	23.71	2.62	2.06
U-456	20.15	20.79	20.61	1.67	1.84
U-463	19.75	19.80	27.08	0.00	0.65
U-464	20.80	21.05	22.37	0.09	5.08
U-466	37.43	37.43	56.78	0.60	2.44
U-468	23.47	23.50	26.26	0.00	0.07
U-468-NEW	21.23	22.94	21.54	0.36	20.88
U-469	24.05	24.05	54.69	0.15	1.07
U-47	58.08	58.08	59.40	28.88	33.20
U-48	62.54	62.54	62.54	3.64	15.74
U-481	63.81	63.81	63.95	52.09	49.80
U-483	63.81	63.95	63.81	29.13	32.52
U-486	24.37	24.44	24.66	0.99	0.45
U-489	22.69	22.72	26.26	0.00	0.04
U-492	39.92	41.69	52.91	37.79	10.91
U-495	49.59	49.59	57.05	3.12	7.17
U-496	18.82	22.15	21.16	58.36	11.49
U-497	0.00	0.00	0.01	58.36	0.00
U-498	0.00	0.02	1.19	58.93	0.00
U-5	53.58	53.58	58.94	0.00	9.22
U-50	62.53	62.54	62.53	40.68	35.54
U-500	57.17	57.18	58.89	0.02	9.38
U-501	19.55	24.58	22.09	58.95	13.14
U-502	52.31	52.34	56.50	0.00	12.71
U-503	11.03	11.03	56.89	0.00	0.58
U-507	10.75	11.03	13.64	19.62	3.74
U-509	3.52	3.58	30.00	0.00	0.09
U-513	23.44	23.84	23.58	18.04	10.24
U-514	26.68	26.96	41.00	1.34	1.19
U-518-NEW	35.05	35.83	35.29	42.90	27.74
U-519-NEW	22.32	22.53	22.82	0.00	0.07
U-522	18.37	19.86	18.38	25.73	7.00
U-523	22.58	22.59	22.60	18.52	11.53
U-524-NEW	18.39	18.48	21.28	0.04	1.72
U-525	18.48	18.52	18.49	20.11	14.58
U-526	18.35	18.36	18.47	20.49	2.38
U-527	18.52	18.52	18.54	20.71	2.41
U-53	62.00	62.00	62.01	39.20	32.56
U-530	22.82	22.87	57.01	0.00	1.17
U-531	61.39	61.39	62.76	37.17	27.29
U-533	60.71	60.71	61.09	2.51	3.27
U-534-NEW	21.63	21.63	78.00	16.10	15.62
U-537	60.79	60.79	62.47	2.91	3.54
U-538	50.13	50.13	54.41	0.01	11.18
U-54	61.95	62.02	61.95	35.79	24.48
U-543	44.38	50.50	45.52	0.00	9.29
U-545	63.42	63.42	63.42	49.92	24.64
U-547	20.56	20.56	78.00	1.15	1.15
U-548	7.84	7.84	60.64	0.00	0.00
U-549	7.84	7.84	46.00	0.00	0.00
U-55	61.95	61.95	62.01	21.88	20.25
U-550	49.21	51.68	54.98	0.00	14.38
U-555	56.52	56.52	60.79	0.00	1.47
U-557	49.14	59.61	49.14	47.30	33.90
U-559	42.23	49.13	47.96	33.17	23.08
U-56	54.77	62.01	54.79	56.08	16.19
U-562	47.96	47.96	59.61	42.96	22.45
U-565	59.61	59.61	59.61	42.77	41.91
U-568	29.74	37.15	35.74	29.43	18.34
U-569	31.03	35.75	38.22	24.29	17.37

U-570	36.84	38.21	57.10	2.31	11.35
U-572	53.34	57.11	55.42	21.20	29.24
U-573	8.70	8.70	62.18	0.00	0.05
U-574	8.51	8.70	14.06	0.00	0.26
U-575	16.11	16.11	78.00	0.00	0.05
U-580	38.45	42.30	50.45	39.66	17.05
U-583	50.45	50.45	57.59	40.51	28.74
U-584	44.00	44.01	57.57	38.93	20.36
U-587	47.91	48.27	53.36	10.74	16.04
U-589	41.81	53.36	42.28	40.53	33.40
U-59	28.56	29.07	58.49	0.00	2.69
U-590	57.59	57.59	57.59	49.31	21.79
U-591	39.14	39.15	57.57	47.83	20.42
U-596	39.15	39.15	57.59	51.45	21.82
U-599	36.50	45.13	39.42	18.40	10.81
U-60	50.95	52.27	59.09	46.21	34.27
U-601	57.59	57.59	57.59	49.49	28.78
U-604	57.58	57.58	57.59	42.48	38.83
U-608	52.02	52.77	52.58	28.77	27.71
U-609	23.21	25.29	25.71	35.85	16.94
U-612	23.60	25.71	25.40	27.03	9.73
U-614	23.47	25.40	42.31	0.00	1.27
U-616	34.22	42.31	42.13	45.61	27.99
U-618	59.96	59.96	59.96	48.32	32.40
U-62	64.06	64.06	64.06	51.35	51.58
U-620	60.94	78.00	60.94	19.51	17.34
U-621	60.94	60.94	60.94	24.66	4.69
U-623	51.60	58.49	51.61	46.81	21.27
U-624	45.64	51.62	48.66	17.41	14.61
U-625	40.44	48.67	46.74	42.41	26.54
U-628	46.73	46.73	58.50	43.24	27.43
U-629	23.70	24.61	25.46	15.49	4.75
U-632	10.09	10.09	10.10	10.19	8.60
U-633	10.08	10.09	10.09	21.85	8.90
U-637	10.23	10.25	10.24	37.69	9.12
U-64	60.03	60.04	60.03	40.95	32.43
U-640	10.23	10.29	10.25	40.42	9.52
U-643	10.25	10.28	10.29	24.93	7.77
U-646	24.65	25.04	25.22	25.35	22.33
U-648	24.91	25.22	25.40	23.01	20.12
U-649	25.33	25.40	25.79	27.53	22.60
U-651	25.75	25.79	25.77	21.72	18.57
U-652	25.77	25.77	78.00	2.45	2.36
U-653	24.94	25.42	25.79	49.82	22.24
U-656	24.97	25.57	25.42	25.94	21.98
U-657	25.57	26.37	25.57	26.87	23.12
U-659-NEW	18.14	18.14	78.00	1.66	1.56
U-66	49.42	60.03	49.43	46.08	40.58
U-663	3.93	5.82	8.19	59.10	1.49
U-668	4.79	6.36	4.96	59.00	3.01
U-671	5.60	6.24	5.71	59.33	5.05
U-674	5.48	5.51	5.50	41.33	3.97
U-675	2.71	3.20	3.04	53.99	0.34
U-678	2.82	3.08	5.22	58.48	1.45
U-68	43.38	49.44	49.99	44.28	30.18
U-681	6.58	9.18	7.69	59.55	3.64
U-682	7.95	11.92	8.44	59.15	4.30
U-684	64.74	64.74	65.26	1.41	4.26
U-685	62.03	62.17	62.15	35.16	31.76
U-686	61.92	62.05	62.12	57.36	40.87
U-687	57.34	57.38	57.57	20.74	19.23
U-688	55.33	57.58	55.40	38.85	25.37
U-690	62.71	62.75	62.76	60.70	23.15
U-694	62.68	62.74	62.75	59.94	18.09
U-695	49.38	51.15	55.30	21.89	22.47
U-696	60.68	60.69	60.68	38.76	22.65
U-70	43.32	50.00	48.25	37.11	29.88
U-701	33.28	33.28	58.82	0.00	1.23
U-704	62.81	62.86	62.86	46.74	38.21
U-706	63.75	63.77	63.76	19.02	20.34
U-707	47.21	52.03	52.49	13.06	17.97
U-708	56.97	58.50	59.04	31.89	35.32
U-71	42.71	48.26	48.78	39.30	30.15
U-710	59.03	59.04	60.68	19.40	29.97
U-711	31.82	35.11	44.79	26.40	21.93
U-717	61.44	61.78	61.49	32.18	37.73
U-718	61.37	61.49	61.78	37.82	35.92
U-719	24.65	24.70	24.78	16.90	11.93
U-720	56.29	56.30	56.30	52.58	12.82
U-721-NEW	61.33	61.33	61.33	41.37	25.74

U-725	61.37	62.76	61.37	34.08	30.80
U-727	5.17	5.25	5.17	46.09	4.99
U-729	5.61	6.22	5.90	55.01	5.05
U-73	44.66	48.78	50.63	35.03	31.74
U-731	8.06	9.33	8.63	59.20	7.22
U-732	8.11	8.74	8.81	52.29	6.58
U-734	9.39	12.28	11.70	60.55	2.61
U-736	8.39	9.34	10.34	60.94	2.50
U-738	7.53	8.37	9.27	61.88	1.00
U-74	43.91	47.75	50.64	14.47	11.98
U-740	6.69	8.37	8.10	57.38	6.07
U-741	4.12	4.27	6.84	59.12	1.89
U-743	3.74	3.82	4.17	59.39	1.77
U-745	2.89	3.82	2.94	58.72	2.79
U-747	2.79	2.96	2.95	59.51	2.66
U-749	2.82	3.05	3.26	55.99	2.44
U-75	45.52	50.63	50.58	37.74	31.97
U-751	3.79	4.26	4.25	46.06	3.12
U-753	3.93	4.30	5.57	43.32	2.80
U-755	3.93	4.87	4.59	36.87	2.32
U-763	1.61	1.84	1.61	20.70	1.60
U-766	0.59	0.67	0.59	12.70	0.56
U-769	0.22	0.59	0.22	20.34	0.22
U-77	46.99	50.58	53.55	38.03	33.07
U-772	0.00	0.22	0.00	18.47	0.00
U-775	0.00	0.00	0.00	3.22	0.00
U-778	0.34	0.34	22.55	62.76	0.00
U-783	20.05	20.08	22.59	20.87	14.45
U-786	14.50	15.40	15.90	17.25	11.59
U-789	15.26	15.89	16.44	21.26	10.33
U-792	16.32	16.45	17.72	29.96	10.64
U-795	14.59	14.88	15.11	5.68	6.48
U-796	22.55	24.10	22.55	60.57	21.29
U-8	54.83	54.83	59.29	0.00	10.57
U-801	21.74	21.74	24.12	22.01	15.70
U-804	17.84	18.82	19.78	20.49	15.69
U-807	18.95	19.78	20.69	23.33	14.17
U-81	51.33	53.59	56.25	36.00	32.03
U-810	20.67	20.70	22.37	27.09	15.80
U-811	17.03	17.66	17.82	14.38	10.54
U-815	17.03	17.83	17.82	32.88	12.31
U-816	24.13	24.24	24.14	50.85	21.87
U-82	49.89	56.25	52.67	42.57	32.91
U-820	21.54	21.55	24.21	22.56	16.52
U-823	17.53	18.48	19.41	22.61	15.85
U-826	18.37	19.41	20.19	24.93	14.96
U-829	19.70	20.19	21.71	34.76	15.82
U-83	52.59	52.64	59.94	43.83	26.64
U-832	21.70	21.73	22.54	21.09	15.47
U-833	16.46	17.31	16.64	8.19	2.94
U-834-EAC	26.89	27.05	32.53	0.91	8.12
U-835	55.35	55.35	57.65	0.00	6.72
U-837	48.10	50.17	52.91	0.05	14.11
U-838	61.63	61.63	62.08	40.76	24.55
U-839	53.29	61.63	53.60	41.22	30.76
U-840	53.60	53.60	62.08	42.44	28.69
U-841	49.00	53.81	52.64	23.97	20.79
U-842	63.99	63.99	63.99	52.32	31.34
U-846	18.44	19.69	18.67	0.47	0.06
U-847	19.11	19.32	19.48	0.14	0.06
U-848	58.81	59.90	58.97	48.87	41.81
U-851	57.58	57.60	57.58	37.71	39.86
U-852	57.57	57.58	57.58	34.04	28.12
U-854	46.27	50.11	49.11	11.32	18.65
U-856	48.27	51.64	50.06	19.28	25.41
U-858	46.55	50.06	49.85	25.05	28.83
U-860	44.88	49.85	48.10	27.23	29.07
U-863	56.10	56.12	56.11	28.19	25.31
U-864	56.33	56.33	56.40	0.26	16.89
U-865	56.33	56.33	57.57	0.00	6.19
U-866	62.11	62.18	62.21	59.83	13.80
U-867	67.19	67.19	78.00	1.10	1.10
U-868	66.72	66.72	78.00	1.80	1.80
U-869	0.00	0.00	78.00	0.00	0.00
U-871	65.12	65.12	78.00	0.18	3.10
U-872	54.39	55.10	55.66	1.90	16.27
U-874-NEW	12.17	12.17	78.00	5.40	4.64
U-875	13.90	13.90	58.55	7.98	0.00
U-878	6.32	8.33	8.71	50.88	4.56
U-879	7.60	8.71	19.91	55.65	5.01

U-88	40.47	45.34	48.22	31.72	25.01
U-880	13.45	14.01	22.52	0.00	3.38
U-885	58.55	58.57	58.55	59.43	55.01
U-90	41.67	47.23	48.23	35.92	17.47
U-91	59.89	60.00	59.94	43.78	16.76
U-92	21.77	22.59	22.20	17.40	8.30
U-96	43.79	49.65	48.16	35.24	16.92
U-97	59.82	59.96	59.93	43.16	24.94
U-98	59.87	59.95	59.95	23.28	27.11
U-99	46.46	51.28	50.23	33.62	27.21

****
Pumping Summary
****

Pump	Percent Utilized	Number of Start-Ups	Min Flow CFS	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal	Power Usage Kw-hr	% Time Off Pump Curve Low	% Time Off Pump Curve High
PS-HC1-LAG	15.23	659	8.00	8.00	8.00	2.559	104.16	0.0	100.0
PS-HC1-LEAD	15.23	659	8.00	8.00	8.00	2.559	104.16	0.0	100.0

Analysis begun on: Wed Nov 18 08:39:11 2015
Analysis ended on: Wed Nov 18 08:45:36 2015
Total elapsed time: 00:06:25

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  ------------------------------------------------------------
    US-EPA Storm Water Management Model - Version 5.1 (Build 5.1.007)
  ------------------------------------------------------------

Warning 04: minimum elevation drop 0.001 used for Conduit CDT-101
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-103
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-105
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-107
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-109
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-111
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-113
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-115
Warning 03: negative offset -1.060 ignored for Link CDT-121
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-123
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-125
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-173
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-175
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-177
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-181
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-183
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-185
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-187
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-189
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-191
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-193
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-195
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-197
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-199
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-201
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-205
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-207
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-209
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-211
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-213
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-215
Warning 03: negative offset -0.500 ignored for Link CDT-217
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-219
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-221
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-223
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-225
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-227
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-229
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-231
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-233
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-235
Warning 03: negative offset -1.200 ignored for Link CDT-237
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-239
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-241
Warning 03: negative offset -1.200 ignored for Link CDT-243
Warning 03: negative offset -1.200 ignored for Link CDT-245
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-247
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-249
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-251
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-253
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-255
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-257
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-259
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-261
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-263
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-265
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-267
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-269
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-271
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-273
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-275
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-277
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-279
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-281
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-283
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-285
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-287
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-289
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-291
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-293
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-295
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-297
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-299
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-439
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-493
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Warning 04: minimum elevation drop 0.001 used for Conduit CDT-495
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-525
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-87
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-91
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-93
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-95
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-97
Warning 04: minimum elevation drop 0.001 used for Conduit CDT-99
Warning 04: minimum elevation drop 0.001 used for Conduit J-963_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J561_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J575_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit J920_OUTFALL
Warning 04: minimum elevation drop 0.001 used for Conduit LINK-WELL-2
Warning 04: minimum elevation drop 0.001 used for Conduit U-1
Warning 04: minimum elevation drop 0.001 used for Conduit U-100
Warning 04: minimum elevation drop 0.001 used for Conduit U-101
Warning 04: minimum elevation drop 0.001 used for Conduit U-102
Warning 04: minimum elevation drop 0.001 used for Conduit U-103
Warning 04: minimum elevation drop 0.001 used for Conduit U-104
Warning 04: minimum elevation drop 0.001 used for Conduit U-105
Warning 04: minimum elevation drop 0.001 used for Conduit U-11
Warning 04: minimum elevation drop 0.001 used for Conduit U-110
Warning 04: minimum elevation drop 0.001 used for Conduit U-112
Warning 04: minimum elevation drop 0.001 used for Conduit U-113
Warning 04: minimum elevation drop 0.001 used for Conduit U-114
Warning 04: minimum elevation drop 0.001 used for Conduit U-118
Warning 04: minimum elevation drop 0.001 used for Conduit U-121
Warning 04: minimum elevation drop 0.001 used for Conduit U-122
Warning 04: minimum elevation drop 0.001 used for Conduit U-125
Warning 04: minimum elevation drop 0.001 used for Conduit U-129
Warning 04: minimum elevation drop 0.001 used for Conduit U-13
Warning 04: minimum elevation drop 0.001 used for Conduit U-131
Warning 04: minimum elevation drop 0.001 used for Conduit U-141
Warning 04: minimum elevation drop 0.001 used for Conduit U-142
Warning 04: minimum elevation drop 0.001 used for Conduit U-147
Warning 03: negative offset -0.500 ignored for Link U-15
Warning 04: minimum elevation drop 0.001 used for Conduit U-150
Warning 04: minimum elevation drop 0.001 used for Conduit U-153
Warning 04: minimum elevation drop 0.001 used for Conduit U-155
Warning 04: minimum elevation drop 0.001 used for Conduit U-156
Warning 04: minimum elevation drop 0.001 used for Conduit U-158
Warning 04: minimum elevation drop 0.001 used for Conduit U-16
Warning 04: minimum elevation drop 0.001 used for Conduit U-160
Warning 04: minimum elevation drop 0.001 used for Conduit U-161
Warning 04: minimum elevation drop 0.001 used for Conduit U-165
Warning 04: minimum elevation drop 0.001 used for Conduit U-167
Warning 04: minimum elevation drop 0.001 used for Conduit U-171
Warning 04: minimum elevation drop 0.001 used for Conduit U-172
Warning 04: minimum elevation drop 0.001 used for Conduit U-176
Warning 04: minimum elevation drop 0.001 used for Conduit U-177
Warning 04: minimum elevation drop 0.001 used for Conduit U-18
Warning 04: minimum elevation drop 0.001 used for Conduit U-181
Warning 04: minimum elevation drop 0.001 used for Conduit U-184
Warning 04: minimum elevation drop 0.001 used for Conduit U-186
Warning 04: minimum elevation drop 0.001 used for Conduit U-191
Warning 04: minimum elevation drop 0.001 used for Conduit U-193
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Warning 04: minimum elevation drop 0.001 used for Conduit U-197
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Warning 04: minimum elevation drop 0.001 used for Conduit U-20
Warning 04: minimum elevation drop 0.001 used for Conduit U-200
Warning 04: minimum elevation drop 0.001 used for Conduit U-201
Warning 04: minimum elevation drop 0.001 used for Conduit U-202
Warning 04: minimum elevation drop 0.001 used for Conduit U-203
Warning 04: minimum elevation drop 0.001 used for Conduit U-204
Warning 04: minimum elevation drop 0.001 used for Conduit U-206
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Warning 04: minimum elevation drop 0.001 used for Conduit U-211
Warning 04: minimum elevation drop 0.001 used for Conduit U-213
Warning 04: minimum elevation drop 0.001 used for Conduit U-22
Warning 04: minimum elevation drop 0.001 used for Conduit U-220
Warning 04: minimum elevation drop 0.001 used for Conduit U-221
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Warning 04: minimum elevation drop 0.001 used for Conduit U-231
Warning 04: minimum elevation drop 0.001 used for Conduit U-233
Warning 04: minimum elevation drop 0.001 used for Conduit U-237
Warning 04: minimum elevation drop 0.001 used for Conduit U-239
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Warning 04: minimum elevation drop 0.001 used for Conduit U-240
Warning 04: minimum elevation drop 0.001 used for Conduit U-242
Warning 04: minimum elevation drop 0.001 used for Conduit U-244
Warning 04: minimum elevation drop 0.001 used for Conduit U-245
Warning 04: minimum elevation drop 0.001 used for Conduit U-249
Warning 04: minimum elevation drop 0.001 used for Conduit U-25
Warning 04: minimum elevation drop 0.001 used for Conduit U-251
Warning 04: minimum elevation drop 0.001 used for Conduit U-253
Warning 04: minimum elevation drop 0.001 used for Conduit U-254
Warning 04: minimum elevation drop 0.001 used for Conduit U-256
Warning 04: minimum elevation drop 0.001 used for Conduit U-259
Warning 04: minimum elevation drop 0.001 used for Conduit U-26
Warning 04: minimum elevation drop 0.001 used for Conduit U-260
Warning 04: minimum elevation drop 0.001 used for Conduit U-261
Warning 04: minimum elevation drop 0.001 used for Conduit U-262-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-267
Warning 04: minimum elevation drop 0.001 used for Conduit U-270
Warning 04: minimum elevation drop 0.001 used for Conduit U-271
Warning 04: minimum elevation drop 0.001 used for Conduit U-274
Warning 04: minimum elevation drop 0.001 used for Conduit U-277
Warning 04: minimum elevation drop 0.001 used for Conduit U-28
Warning 04: minimum elevation drop 0.001 used for Conduit U-280
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Warning 04: minimum elevation drop 0.001 used for Conduit U-289
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Warning 04: minimum elevation drop 0.001 used for Conduit U-294
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Warning 04: minimum elevation drop 0.001 used for Conduit U-298
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Warning 04: minimum elevation drop 0.001 used for Conduit U-300
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Warning 04: minimum elevation drop 0.001 used for Conduit U-308
Warning 04: minimum elevation drop 0.001 used for Conduit U-308A
Warning 04: minimum elevation drop 0.001 used for Conduit U-309
Warning 04: minimum elevation drop 0.001 used for Conduit U-312
Warning 04: minimum elevation drop 0.001 used for Conduit U-315
Warning 04: minimum elevation drop 0.001 used for Conduit U-316
Warning 04: minimum elevation drop 0.001 used for Conduit U-319
Warning 04: minimum elevation drop 0.001 used for Conduit U-322
Warning 04: minimum elevation drop 0.001 used for Conduit U-325
Warning 04: minimum elevation drop 0.001 used for Conduit U-327
Warning 04: minimum elevation drop 0.001 used for Conduit U-328
Warning 03: negative offset -1.000 ignored for Link U-330
Warning 03: negative offset -1.000 ignored for Link U-332
Warning 04: minimum elevation drop 0.001 used for Conduit U-335
Warning 04: minimum elevation drop 0.001 used for Conduit U-34
Warning 04: minimum elevation drop 0.001 used for Conduit U-341
Warning 04: minimum elevation drop 0.001 used for Conduit U-344
Warning 04: minimum elevation drop 0.001 used for Conduit U-346
Warning 04: minimum elevation drop 0.001 used for Conduit U-347
Warning 04: minimum elevation drop 0.001 used for Conduit U-348
Warning 04: minimum elevation drop 0.001 used for Conduit U-35
Warning 04: minimum elevation drop 0.001 used for Conduit U-351
Warning 04: minimum elevation drop 0.001 used for Conduit U-352
Warning 04: minimum elevation drop 0.001 used for Conduit U-353
Warning 04: minimum elevation drop 0.001 used for Conduit U-354
Warning 04: minimum elevation drop 0.001 used for Conduit U-357
Warning 04: minimum elevation drop 0.001 used for Conduit U-358
Warning 04: minimum elevation drop 0.001 used for Conduit U-364
Warning 04: minimum elevation drop 0.001 used for Conduit U-364A
Warning 04: minimum elevation drop 0.001 used for Conduit U-366
Warning 04: minimum elevation drop 0.001 used for Conduit U-37
Warning 04: minimum elevation drop 0.001 used for Conduit U-372
Warning 04: minimum elevation drop 0.001 used for Conduit U-373
Warning 04: minimum elevation drop 0.001 used for Conduit U-379
Warning 04: minimum elevation drop 0.001 used for Conduit U-38
Warning 04: minimum elevation drop 0.001 used for Conduit U-382
Warning 04: minimum elevation drop 0.001 used for Conduit U-385
Warning 04: minimum elevation drop 0.001 used for Conduit U-386
Warning 04: minimum elevation drop 0.001 used for Conduit U-388
Warning 04: minimum elevation drop 0.001 used for Conduit U-390
Warning 03: negative offset -1.000 ignored for Link U-391
Warning 03: negative offset -0.500 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-392
Warning 03: negative offset -1.000 ignored for Link U-394
Warning 04: minimum elevation drop 0.001 used for Conduit U-397
Warning 04: minimum elevation drop 0.001 used for Conduit U-398
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Warning 04: minimum elevation drop 0.001 used for Conduit U-399
Warning 04: minimum elevation drop 0.001 used for Conduit U-402
Warning 04: minimum elevation drop 0.001 used for Conduit U-404
Warning 04: minimum elevation drop 0.001 used for Conduit U-406
Warning 04: minimum elevation drop 0.001 used for Conduit U-407
Warning 03: negative offset -0.030 ignored for Link U-408
Warning 03: negative offset -0.030 ignored for Link U-409
Warning 04: minimum elevation drop 0.001 used for Conduit U-411
Warning 04: minimum elevation drop 0.001 used for Conduit U-412
Warning 04: minimum elevation drop 0.001 used for Conduit U-413
Warning 04: minimum elevation drop 0.001 used for Conduit U-414
Warning 04: minimum elevation drop 0.001 used for Conduit U-415
Warning 04: minimum elevation drop 0.001 used for Conduit U-416
Warning 04: minimum elevation drop 0.001 used for Conduit U-417
Warning 04: minimum elevation drop 0.001 used for Conduit U-418
Warning 03: negative offset -1.060 ignored for Link U-419
Warning 04: minimum elevation drop 0.001 used for Conduit U-420
Warning 04: minimum elevation drop 0.001 used for Conduit U-421
Warning 04: minimum elevation drop 0.001 used for Conduit U-423
Warning 04: minimum elevation drop 0.001 used for Conduit U-428
Warning 04: minimum elevation drop 0.001 used for Conduit U-430
Warning 04: minimum elevation drop 0.001 used for Conduit U-434
Warning 04: minimum elevation drop 0.001 used for Conduit U-437
Warning 04: minimum elevation drop 0.001 used for Conduit U-439
Warning 04: minimum elevation drop 0.001 used for Conduit U-48
Warning 04: minimum elevation drop 0.001 used for Conduit U-481
Warning 04: minimum elevation drop 0.001 used for Conduit U-483
Warning 04: minimum elevation drop 0.001 used for Conduit U-496
Warning 04: minimum elevation drop 0.001 used for Conduit U-497
Warning 04: minimum elevation drop 0.001 used for Conduit U-498
Warning 04: minimum elevation drop 0.001 used for Conduit U-50
Warning 04: minimum elevation drop 0.001 used for Conduit U-501
Warning 04: minimum elevation drop 0.001 used for Conduit U-513
Warning 04: minimum elevation drop 0.001 used for Conduit U-518-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-522
Warning 04: minimum elevation drop 0.001 used for Conduit U-523
Warning 04: minimum elevation drop 0.001 used for Conduit U-525
Warning 04: minimum elevation drop 0.001 used for Conduit U-526
Warning 04: minimum elevation drop 0.001 used for Conduit U-527
Warning 04: minimum elevation drop 0.001 used for Conduit U-53
Warning 04: minimum elevation drop 0.001 used for Conduit U-531
Warning 04: minimum elevation drop 0.001 used for Conduit U-534-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-54
Warning 04: minimum elevation drop 0.001 used for Conduit U-545
Warning 04: minimum elevation drop 0.001 used for Conduit U-55
Warning 04: minimum elevation drop 0.001 used for Conduit U-557
Warning 04: minimum elevation drop 0.001 used for Conduit U-559
Warning 04: minimum elevation drop 0.001 used for Conduit U-56
Warning 04: minimum elevation drop 0.001 used for Conduit U-562
Warning 04: minimum elevation drop 0.001 used for Conduit U-565
Warning 04: minimum elevation drop 0.001 used for Conduit U-568
Warning 04: minimum elevation drop 0.001 used for Conduit U-569
Warning 04: minimum elevation drop 0.001 used for Conduit U-572
Warning 04: minimum elevation drop 0.001 used for Conduit U-580
Warning 04: minimum elevation drop 0.001 used for Conduit U-583
Warning 04: minimum elevation drop 0.001 used for Conduit U-584
Warning 04: minimum elevation drop 0.001 used for Conduit U-587
Warning 04: minimum elevation drop 0.001 used for Conduit U-589
Warning 04: minimum elevation drop 0.001 used for Conduit U-590
Warning 04: minimum elevation drop 0.001 used for Conduit U-591
Warning 04: minimum elevation drop 0.001 used for Conduit U-596
Warning 04: minimum elevation drop 0.001 used for Conduit U-599
Warning 04: minimum elevation drop 0.001 used for Conduit U-60
Warning 04: minimum elevation drop 0.001 used for Conduit U-601
Warning 04: minimum elevation drop 0.001 used for Conduit U-604
Warning 04: minimum elevation drop 0.001 used for Conduit U-608
Warning 04: minimum elevation drop 0.001 used for Conduit U-609
Warning 04: minimum elevation drop 0.001 used for Conduit U-612
Warning 03: negative offset -1.000 ignored for Link U-614
Warning 04: minimum elevation drop 0.001 used for Conduit U-616
Warning 04: minimum elevation drop 0.001 used for Conduit U-618
Warning 04: minimum elevation drop 0.001 used for Conduit U-62
Warning 04: minimum elevation drop 0.001 used for Conduit U-621
Warning 04: minimum elevation drop 0.001 used for Conduit U-623
Warning 04: minimum elevation drop 0.001 used for Conduit U-624
Warning 04: minimum elevation drop 0.001 used for Conduit U-625
Warning 04: minimum elevation drop 0.001 used for Conduit U-628
Warning 04: minimum elevation drop 0.001 used for Conduit U-629
Warning 04: minimum elevation drop 0.001 used for Conduit U-632
Warning 03: negative offset -1.000 ignored for Link U-633
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Warning 03: negative offset -1.000 ignored for Link U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-633
Warning 04: minimum elevation drop 0.001 used for Conduit U-637
Warning 04: minimum elevation drop 0.001 used for Conduit U-64
Warning 04: minimum elevation drop 0.001 used for Conduit U-640
Warning 04: minimum elevation drop 0.001 used for Conduit U-643
Warning 04: minimum elevation drop 0.001 used for Conduit U-646
Warning 04: minimum elevation drop 0.001 used for Conduit U-648
Warning 04: minimum elevation drop 0.001 used for Conduit U-649
Warning 04: minimum elevation drop 0.001 used for Conduit U-651
Warning 04: minimum elevation drop 0.001 used for Conduit U-652
Warning 04: minimum elevation drop 0.001 used for Conduit U-653
Warning 04: minimum elevation drop 0.001 used for Conduit U-656
Warning 04: minimum elevation drop 0.001 used for Conduit U-657
Warning 04: minimum elevation drop 0.001 used for Conduit U-659-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-66
Warning 04: minimum elevation drop 0.001 used for Conduit U-663
Warning 04: minimum elevation drop 0.001 used for Conduit U-668
Warning 04: minimum elevation drop 0.001 used for Conduit U-671
Warning 04: minimum elevation drop 0.001 used for Conduit U-674
Warning 04: minimum elevation drop 0.001 used for Conduit U-675
Warning 04: minimum elevation drop 0.001 used for Conduit U-678
Warning 04: minimum elevation drop 0.001 used for Conduit U-68
Warning 04: minimum elevation drop 0.001 used for Conduit U-681
Warning 04: minimum elevation drop 0.001 used for Conduit U-682
Warning 04: minimum elevation drop 0.001 used for Conduit U-685
Warning 04: minimum elevation drop 0.001 used for Conduit U-686
Warning 04: minimum elevation drop 0.001 used for Conduit U-687
Warning 04: minimum elevation drop 0.001 used for Conduit U-688
Warning 04: minimum elevation drop 0.001 used for Conduit U-690
Warning 04: minimum elevation drop 0.001 used for Conduit U-694
Warning 04: minimum elevation drop 0.001 used for Conduit U-695
Warning 04: minimum elevation drop 0.001 used for Conduit U-696
Warning 04: minimum elevation drop 0.001 used for Conduit U-70
Warning 04: minimum elevation drop 0.001 used for Conduit U-704
Warning 04: minimum elevation drop 0.001 used for Conduit U-706
Warning 04: minimum elevation drop 0.001 used for Conduit U-707
Warning 04: minimum elevation drop 0.001 used for Conduit U-708
Warning 04: minimum elevation drop 0.001 used for Conduit U-71
Warning 04: minimum elevation drop 0.001 used for Conduit U-710
Warning 04: minimum elevation drop 0.001 used for Conduit U-711
Warning 04: minimum elevation drop 0.001 used for Conduit U-717
Warning 04: minimum elevation drop 0.001 used for Conduit U-718
Warning 04: minimum elevation drop 0.001 used for Conduit U-719
Warning 04: minimum elevation drop 0.001 used for Conduit U-720
Warning 04: minimum elevation drop 0.001 used for Conduit U-721-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-725
Warning 04: minimum elevation drop 0.001 used for Conduit U-727
Warning 04: minimum elevation drop 0.001 used for Conduit U-729
Warning 04: minimum elevation drop 0.001 used for Conduit U-73
Warning 04: minimum elevation drop 0.001 used for Conduit U-731
Warning 04: minimum elevation drop 0.001 used for Conduit U-732
Warning 04: minimum elevation drop 0.001 used for Conduit U-734
Warning 04: minimum elevation drop 0.001 used for Conduit U-736
Warning 04: minimum elevation drop 0.001 used for Conduit U-738
Warning 04: minimum elevation drop 0.001 used for Conduit U-74
Warning 04: minimum elevation drop 0.001 used for Conduit U-740
Warning 04: minimum elevation drop 0.001 used for Conduit U-741
Warning 04: minimum elevation drop 0.001 used for Conduit U-743
Warning 04: minimum elevation drop 0.001 used for Conduit U-745
Warning 04: minimum elevation drop 0.001 used for Conduit U-747
Warning 04: minimum elevation drop 0.001 used for Conduit U-749
Warning 04: minimum elevation drop 0.001 used for Conduit U-75
Warning 04: minimum elevation drop 0.001 used for Conduit U-751
Warning 04: minimum elevation drop 0.001 used for Conduit U-753
Warning 04: minimum elevation drop 0.001 used for Conduit U-755
Warning 04: minimum elevation drop 0.001 used for Conduit U-763
Warning 04: minimum elevation drop 0.001 used for Conduit U-766
Warning 04: minimum elevation drop 0.001 used for Conduit U-769
Warning 04: minimum elevation drop 0.001 used for Conduit U-77
Warning 04: minimum elevation drop 0.001 used for Conduit U-772
Warning 04: minimum elevation drop 0.001 used for Conduit U-775
Warning 04: minimum elevation drop 0.001 used for Conduit U-778
Warning 04: minimum elevation drop 0.001 used for Conduit U-783
Warning 04: minimum elevation drop 0.001 used for Conduit U-786
Warning 04: minimum elevation drop 0.001 used for Conduit U-789
Warning 04: minimum elevation drop 0.001 used for Conduit U-792
Warning 04: minimum elevation drop 0.001 used for Conduit U-795
Warning 04: minimum elevation drop 0.001 used for Conduit U-796
Warning 04: minimum elevation drop 0.001 used for Conduit U-801
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Warning 04: minimum elevation drop 0.001 used for Conduit U-804
Warning 04: minimum elevation drop 0.001 used for Conduit U-807
Warning 04: minimum elevation drop 0.001 used for Conduit U-81
Warning 04: minimum elevation drop 0.001 used for Conduit U-810
Warning 04: minimum elevation drop 0.001 used for Conduit U-811
Warning 04: minimum elevation drop 0.001 used for Conduit U-815
Warning 04: minimum elevation drop 0.001 used for Conduit U-816
Warning 04: minimum elevation drop 0.001 used for Conduit U-82
Warning 04: minimum elevation drop 0.001 used for Conduit U-820
Warning 04: minimum elevation drop 0.001 used for Conduit U-823
Warning 04: minimum elevation drop 0.001 used for Conduit U-826
Warning 04: minimum elevation drop 0.001 used for Conduit U-829
Warning 04: minimum elevation drop 0.001 used for Conduit U-83
Warning 04: minimum elevation drop 0.001 used for Conduit U-832
Warning 04: minimum elevation drop 0.001 used for Conduit U-833
Warning 04: minimum elevation drop 0.001 used for Conduit U-834-EAC
Warning 03: negative offset -0.388 ignored for Link U-835
Warning 03: negative offset -1.200 ignored for Link U-835
Warning 04: minimum elevation drop 0.001 used for Conduit U-838
Warning 04: minimum elevation drop 0.001 used for Conduit U-839
Warning 04: minimum elevation drop 0.001 used for Conduit U-840
Warning 04: minimum elevation drop 0.001 used for Conduit U-841
Warning 04: minimum elevation drop 0.001 used for Conduit U-842
Warning 04: minimum elevation drop 0.001 used for Conduit U-848
Warning 04: minimum elevation drop 0.001 used for Conduit U-851
Warning 04: minimum elevation drop 0.001 used for Conduit U-852
Warning 04: minimum elevation drop 0.001 used for Conduit U-854
Warning 04: minimum elevation drop 0.001 used for Conduit U-856
Warning 04: minimum elevation drop 0.001 used for Conduit U-858
Warning 04: minimum elevation drop 0.001 used for Conduit U-860
Warning 04: minimum elevation drop 0.001 used for Conduit U-863
Warning 03: negative offset -0.298 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-864
Warning 03: negative offset -0.388 ignored for Link U-865
Warning 04: minimum elevation drop 0.001 used for Conduit U-866
Warning 03: negative offset -0.060 ignored for Link U-869
Warning 04: minimum elevation drop 0.001 used for Conduit U-872
Warning 04: minimum elevation drop 0.001 used for Conduit U-874-NEW
Warning 04: minimum elevation drop 0.001 used for Conduit U-878
Warning 04: minimum elevation drop 0.001 used for Conduit U-879
Warning 04: minimum elevation drop 0.001 used for Conduit U-88
Warning 04: minimum elevation drop 0.001 used for Conduit U-885
Warning 04: minimum elevation drop 0.001 used for Conduit U-90
Warning 04: minimum elevation drop 0.001 used for Conduit U-91
Warning 04: minimum elevation drop 0.001 used for Conduit U-92
Warning 04: minimum elevation drop 0.001 used for Conduit U-96
Warning 04: minimum elevation drop 0.001 used for Conduit U-97
Warning 04: minimum elevation drop 0.001 used for Conduit U-98
Warning 04: minimum elevation drop 0.001 used for Conduit U-99
  WARNING 10: crest elevation is below downstream invert for regulator Link WEIR-63
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-19
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-21
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-23
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-25
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-27
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-29
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-31
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-33
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-35
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-37
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-39
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-41
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-43
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-45
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-49
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-51
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-53
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-55
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-57
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-59
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-61
  WARNING 10: crest elevation is below downstream invert for regulator Link CDT-63
  WARNING 10: crest elevation is below downstream invert for regulator Link J33A_OUTFALL
  WARNING 10: crest elevation is below downstream invert for regulator Link U-331
  WARNING 10: crest elevation is below downstream invert for regulator Link W-ENID-DRIVE
  WARNING 10: crest elevation is below downstream invert for regulator Link WELL-W-MCINTYRE
Warning 02: maximum depth 10.000 increased for Node J-180A
Warning 02: maximum depth 10.000 increased for Node J-195A
Warning 02: maximum depth 10.000 increased for Node J-223A
Warning 02: maximum depth 8.950 increased for Node J-268
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Warning 02: maximum depth 8.950 increased for Node J-284
Warning 02: maximum depth 9.500 increased for Node J-355A
Warning 02: maximum depth 8.950 increased for Node J-444-WEIR
Warning 02: maximum depth 7.950 increased for Node J-692-WEIR
Warning 02: maximum depth 10.000 increased for Node J-745A
Warning 02: maximum depth 10.000 increased for Node J-748A
Warning 02: maximum depth 10.000 increased for Node J-750A
Warning 02: maximum depth 9.500 increased for Node J-902

  ************************************************************
    NOTE: The summary statistics displayed in this report are
    based on results found at every computational time step,
    not just on results from each reporting time step.
  ************************************************************

  ********************
    Analysis Options
  ********************
  Flow Units ............... CFS
  Process Models:
    Rainfall/Runoff ........ YES
    RDII ................... NO
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Ponding Allowed ........ YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ JAN-01-2002 00:00:00
  Ending Date .............. JAN-04-2002 06:00:00
  Antecedent Dry Days ...... 5.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 00:05:00
  Routing Time Step ........ 4.00 sec
  Variable Time Step ....... YES
  Maximum Trials ........... 5
  Head Tolerance ........... 1.000000 ft


  *************************        Volume         Depth
  Runoff Quantity Continuity     acre-feet        inches
  *************************     ---------       -------
  Total Precipitation ......       467.152        13.590
  Evaporation Loss .........         0.000         0.000
  Infiltration Loss ........        52.574         1.529
  Surface Runoff ...........       348.706        10.144
  Final Surface Storage ....        66.114         1.923
  Continuity Error (%) .....        -0.052


  *************************        Volume        Volume
  Flow Routing Continuity        acre-feet      10^6 gal
  *************************     ---------     ---------
  Dry Weather Inflow .......         0.000         0.000
  Wet Weather Inflow .......       348.171       113.457
  Groundwater Inflow .......         0.000         0.000
  RDII Inflow ..............         0.000         0.000
  External Inflow ..........         0.000         0.000
  External Outflow .........       261.368        85.171
  Internal Outflow .........         0.000         0.000
  Evaporation Loss .........         0.000         0.000
  Exfiltration Loss ........         0.000         0.000
  Initial Stored Volume ....         0.033         0.011
  Final Stored Volume ......        81.114        26.432
  Continuity Error (%) .....         1.643


  ****************************
    Highest Continuity Errors
  ****************************
  Node J-268-WEIR                          -198.99%    -0.6611
  Node JCT-26-WEIR                         -163.92%    -1.5811
  Node J-566-WEIR                          -149.56%    -3.6786
  Node J-284-WEIR                          -136.42%    -1.3305
  Node J-59A                                 45.95%     0.2770
  Node J-185A                               -42.13%    -0.2975
  Node J-884                                -36.66%    -0.9908
  Node J-902                                -34.81%    -0.6308
```

```
Node J-314A                             -25.55%    -0.1637
Node J-328A                              22.78%     0.1724
Node JCT-24                              22.21%     0.5787
Node J-792                              -21.86%    -0.2519
Node J-54A                               19.86%     0.0981
Node J-40B                               19.77%     0.2285
Node J-82                                19.45%     0.2401
Node J-180A                             -19.24%    -0.1283
Node J-588                               18.98%     0.2381
Node JCT-28-WEIR                        -18.41%    -0.2537
Node J-741                               18.38%     0.3322
Node J-903A                             -17.18%    -0.7055
                                                   -8.5083 Mgal


*******************************
  Time-Step Critical Elements
*******************************
Link U-346 (10.30%)
Link U-837 (4.95%)
Link U-300 (4.75%)
Link U-193 (3.87%)
Link U-155 (3.72%)
Link U-295 (2.94%)
Link U-262-NEW (2.78%)
Link CDT-87 (2.50%)
Link U-651 (2.21%)
Link U-25 (2.21%)
Link U-231 (2.12%)
Link U-199 (1.96%)
Link U-129 (1.88%)
Link U-308A (1.87%)
Link U-407 (1.84%)
Link U-293 (1.67%)
Link U-587 (1.62%)
Link U-298 (1.56%)
Link U-251 (1.50%)
Link U-599 (1.48%)


***********************************
  Highest Flow Instability Indexes
***********************************
Link WEIR-53 (85)
Link WA-4-NEW (69)
Link U-221 (61)
Link WEIR-J-754-STANTECT (61)
Link U-11 (57)
Link U-25 (56)
Link U-112 (55)
Link U-725 (51)
Link U-386 (50)
Link U-204 (49)
Link U-15 (48)
Link U-392 (47)
Link U-531 (43)
Link U-407 (43)
Link U-841 (42)
Link U-242 (41)
Link U-22 (41)
Link U-572 (41)
Link J33A_OUTFALL (40)
Link U-685 (40)

*****************************
  Routing Time Step Summary
*****************************
Minimum Time Step           :     0.10 sec
Average Time Step           :     0.59 sec
Maximum Time Step           :     4.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     4.70
Percent Not Converging      :    87.50
Total Steps                 :   473018
Total Iterations            :  2222469
```

Subcatchment Runoff Summary

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
SUB-11856	13.59	0.00	0.00	1.47	10.83	0.55	6.47	0.797
SUB-11868	13.59	0.00	0.00	0.95	10.18	0.68	6.12	0.749
SUB-11924	13.59	0.00	0.00	1.68	10.61	0.82	9.79	0.781
SUB-11926	13.59	0.00	0.00	1.68	9.54	1.77	17.18	0.702
SUB-11930	13.59	0.00	0.00	1.68	10.65	0.58	7.05	0.784
SUB-11932	13.59	0.00	0.00	2.15	10.96	0.45	5.96	0.807
SUB-11936	13.59	0.00	0.00	1.22	9.78	0.39	3.95	0.720
SUB-11944	13.59	0.00	0.00	1.68	10.72	1.05	12.83	0.789
SUB-11948	13.59	0.00	0.00	1.68	10.48	0.94	11.00	0.771
SUB-11950	13.59	0.00	0.00	1.34	10.38	0.42	4.58	0.764
SUB-11954	13.59	0.00	0.00	1.68	11.09	0.45	5.93	0.816
SUB-11958	13.59	0.00	0.00	1.68	10.19	1.03	11.42	0.750
SUB-11968	13.59	0.00	0.00	2.18	11.00	0.68	9.30	0.809
SUB-11970	13.59	0.00	0.00	1.48	10.44	0.54	6.20	0.768
SUB-11972	13.59	0.00	0.00	1.68	10.70	0.84	10.18	0.787
SUB-11978	13.59	0.00	0.00	1.68	10.84	0.79	9.91	0.798
SUB-11984	13.59	0.00	0.00	1.67	10.45	0.66	7.63	0.769
SUB-11986	13.59	0.00	0.00	1.61	10.24	0.65	7.37	0.754
SUB-11988	13.59	0.00	0.00	1.64	10.39	1.25	14.36	0.765
SUB-11990	13.59	0.00	0.00	1.67	10.95	0.57	7.24	0.805
SUB-11994	13.59	0.00	0.00	1.68	11.11	0.54	7.03	0.817
SUB-11998	13.59	0.00	0.00	1.67	10.16	1.17	12.87	0.748
SUB-12004	13.59	0.00	0.00	1.68	11.03	0.50	6.40	0.812
SUB-12010	13.59	0.00	0.00	1.68	11.03	0.44	5.65	0.812
SUB-12014	13.59	0.00	0.00	0.95	10.28	0.28	2.51	0.756
SUB-12016	13.59	0.00	0.00	1.68	10.79	0.80	9.92	0.794
SUB-12024	13.59	0.00	0.00	1.66	10.50	0.60	7.03	0.773
SUB-12036	13.59	0.00	0.00	1.65	10.64	0.66	7.89	0.783
SUB-12044	13.59	0.00	0.00	0.95	10.27	0.63	5.70	0.756
SUB-12046	13.59	0.00	0.00	1.68	10.63	0.63	7.55	0.782
SUB-12048	13.59	0.00	0.00	1.53	11.19	0.38	4.75	0.824
SUB-12052	13.59	0.00	0.00	1.67	10.97	0.93	11.87	0.807
SUB-12060	13.59	0.00	0.00	1.68	10.48	0.59	6.89	0.771
SUB-12062	13.59	0.00	0.00	1.68	10.26	0.39	4.40	0.755
SUB-12068	13.59	0.00	0.00	1.67	10.88	0.40	4.96	0.801
SUB-12072	13.59	0.00	0.00	1.68	9.97	1.74	18.43	0.734
SUB-12084	13.59	0.00	0.00	1.68	10.53	1.14	13.51	0.775
SUB-12086	13.59	0.00	0.00	1.68	10.65	1.25	15.10	0.784
SUB-12088	13.59	0.00	0.00	1.68	10.53	1.00	11.82	0.775
SUB-12100	13.59	0.00	0.00	1.68	9.98	0.94	10.01	0.734
SUB-12110	13.59	0.00	0.00	1.68	10.51	0.42	4.96	0.773
SUB-12112	13.59	0.00	0.00	1.68	10.16	0.73	7.99	0.748
SUB-12116	13.59	0.00	0.00	1.68	10.23	0.66	7.36	0.753
SUB-12122	13.59	0.00	0.00	1.68	11.35	0.06	0.82	0.835
SUB-12128	13.59	0.00	0.00	1.68	10.40	0.50	5.81	0.765
SUB-12132	13.59	0.00	0.00	1.68	10.07	0.84	9.03	0.741
SUB-12136	13.59	0.00	0.00	1.68	10.20	0.69	7.62	0.751
SUB-12138	13.59	0.00	0.00	1.68	10.34	0.55	6.31	0.761
SUB-12142	13.59	0.00	0.00	1.68	9.72	1.35	13.57	0.715
SUB-12144	13.59	0.00	0.00	1.68	9.61	1.55	15.27	0.707
SUB-12150	13.59	0.00	0.00	1.68	10.74	0.63	7.79	0.790
SUB-12152	13.59	0.00	0.00	1.68	10.36	0.99	11.31	0.763
SUB-12154	13.59	0.00	0.00	1.68	10.17	1.63	18.00	0.748
SUB-12158	13.59	0.00	0.00	1.68	10.75	0.54	6.65	0.791
SUB-12160	13.59	0.00	0.00	1.68	10.87	1.10	13.81	0.800
SUB-12162	13.59	0.00	0.00	1.68	10.82	0.82	10.14	0.796
SUB-12164	13.59	0.00	0.00	1.68	10.70	0.64	7.83	0.787
SUB-12166	13.59	0.00	0.00	1.68	10.40	0.42	4.85	0.765
SUB-12168	13.59	0.00	0.00	1.68	10.59	0.60	7.20	0.779
SUB-12170	13.59	0.00	0.00	1.67	11.51	0.18	2.59	0.847
SUB-12172	13.59	0.00	0.00	1.68	11.18	0.34	4.53	0.823
SUB-12174	13.59	0.00	0.00	1.68	10.77	0.77	9.47	0.793
SUB-12176	13.59	0.00	0.00	1.68	10.81	0.50	6.24	0.795
SUB-12180	13.59	0.00	0.00	1.68	10.68	0.70	8.54	0.786
SUB-12182	13.59	0.00	0.00	1.68	10.65	0.33	3.96	0.784
SUB-12184	13.59	0.00	0.00	1.68	10.99	0.17	2.12	0.809
SUB-12186	13.59	0.00	0.00	1.68	10.44	0.48	5.51	0.768
SUB-12188	13.59	0.00	0.00	1.68	10.12	0.78	8.48	0.744
SUB-12190	13.59	0.00	0.00	1.68	10.31	0.58	6.56	0.759
SUB-12192	13.59	0.00	0.00	1.68	10.13	0.76	8.32	0.746
SUB-12194	13.59	0.00	0.00	1.68	10.84	0.42	5.18	0.797

SUB-12196	13.59	0.00	0.00	1.68	10.33	0.47	5.30	0.760
SUB-12198	13.59	0.00	0.00	1.68	10.63	0.52	6.27	0.782
SUB-12200	13.59	0.00	0.00	1.68	10.44	0.47	5.47	0.768
SUB-12202	13.59	0.00	0.00	1.68	10.11	0.78	8.51	0.744
SUB-12204	13.59	0.00	0.00	1.68	10.54	0.40	4.71	0.776
SUB-12206	13.59	0.00	0.00	1.66	10.08	0.79	8.57	0.741
SUB-12208	13.59	0.00	0.00	1.62	10.55	0.34	4.04	0.776
SUB-12210	13.59	0.00	0.00	1.68	10.33	0.56	6.41	0.760
SUB-12212	13.59	0.00	0.00	1.57	10.34	0.43	4.89	0.761
SUB-12214	13.59	0.00	0.00	1.64	10.05	0.76	8.29	0.740
SUB-12216	13.59	0.00	0.00	1.36	10.22	0.32	3.45	0.752
SUB-12218	13.59	0.00	0.00	1.38	10.48	0.24	2.66	0.771
SUB-12222	13.59	0.00	0.00	1.68	10.46	0.46	5.36	0.769
SUB-12224	13.59	0.00	0.00	1.68	10.64	0.33	4.02	0.783
SUB-12226	13.59	0.00	0.00	1.68	10.92	0.51	6.44	0.804
SUB-12228	13.59	0.00	0.00	1.68	10.84	0.54	6.69	0.798
SUB-12230	13.59	0.00	0.00	1.68	10.92	0.19	2.46	0.803
SUB-12232	13.59	0.00	0.00	1.68	10.91	0.20	2.48	0.803
SUB-12234	13.59	0.00	0.00	1.68	10.64	0.34	4.05	0.783
SUB-12238	13.59	0.00	0.00	1.68	11.04	0.46	5.97	0.812
SUB-12240	13.59	0.00	0.00	1.68	11.36	0.34	4.71	0.836
SUB-12242	13.59	0.00	0.00	1.68	10.25	0.63	7.11	0.754
SUB-12244	13.59	0.00	0.00	1.68	10.46	0.45	5.30	0.770
SUB-12246	13.59	0.00	0.00	1.68	10.64	0.33	4.01	0.783
SUB-12248	13.59	0.00	0.00	1.68	10.63	0.34	4.11	0.782
SUB-12250	13.59	0.00	0.00	1.68	10.34	0.55	6.29	0.761
SUB-12252	13.59	0.00	0.00	1.68	9.92	1.62	16.99	0.730
SUB-12256	13.59	0.00	0.00	1.68	10.73	0.59	7.17	0.790
SUB-12258	13.59	0.00	0.00	1.68	10.86	0.64	8.07	0.799
SUB-12260	13.59	0.00	0.00	1.68	10.64	0.62	7.46	0.783
SUB-12262	13.59	0.00	0.00	1.68	10.92	0.43	5.45	0.803
SUB-12264	13.59	0.00	0.00	1.68	10.96	0.55	6.98	0.807
SUB-12266	13.59	0.00	0.00	1.68	10.36	0.54	6.18	0.762
SUB-12268	13.59	0.00	0.00	1.68	10.50	0.85	9.93	0.773
SUB-12272	13.59	0.00	0.00	1.68	10.78	0.85	10.44	0.793
SUB-12274	13.59	0.00	0.00	1.68	10.28	0.57	6.38	0.756
SUB-12276	13.59	0.00	0.00	1.68	10.12	0.98	10.68	0.744
SUB-12278	13.59	0.00	0.00	1.68	10.14	0.78	8.53	0.746
SUB-12280	13.59	0.00	0.00	1.68	9.94	1.03	10.86	0.732
SUB-12284	13.59	0.00	0.00	1.45	10.09	0.61	6.70	0.742
SUB-12286	13.59	0.00	0.00	1.87	10.21	0.60	6.31	0.751
SUB-12288	13.59	0.00	0.00	2.29	10.90	1.19	14.75	0.802
SUB-12290	13.59	0.00	0.00	1.68	10.51	0.57	6.73	0.774
SUB-12292	13.59	0.00	0.00	1.68	10.51	0.68	8.04	0.773
SUB-12294	13.59	0.00	0.00	1.68	10.23	0.78	8.72	0.753
SUB-12296	13.59	0.00	0.00	1.68	10.68	0.48	5.84	0.786
SUB-12300	13.59	0.00	0.00	1.68	10.19	0.95	10.58	0.750
SUB-12302	13.59	0.00	0.00	1.68	9.85	1.01	10.49	0.725
SUB-12304	13.59	0.00	0.00	1.57	10.31	0.44	5.00	0.758
SUB-12306	13.59	0.00	0.00	1.68	10.41	0.93	10.71	0.766
SUB-12308	13.59	0.00	0.00	1.68	10.34	1.47	16.73	0.761
SUB-12310	13.59	0.00	0.00	1.20	9.38	1.22	12.25	0.690
SUB-12312	13.59	0.00	0.00	1.68	11.36	0.17	2.37	0.836
SUB-12314	13.59	0.00	0.00	1.33	9.71	0.92	9.61	0.715
SUB-12316	13.59	0.00	0.00	1.24	9.95	0.77	8.00	0.732
SUB-12318	13.59	0.00	0.00	1.68	10.55	0.99	11.68	0.776
SUB-12320	13.59	0.00	0.00	1.68	10.64	0.61	7.30	0.783
SUB-12322	13.59	0.00	0.00	1.68	10.09	0.81	8.82	0.742
SUB-12324	13.59	0.00	0.00	1.68	10.57	0.84	10.02	0.777
SUB-12326	13.59	0.00	0.00	1.68	11.27	0.21	2.85	0.829
SUB-12328	13.59	0.00	0.00	1.68	10.56	0.39	4.58	0.777
SUB-12330	13.59	0.00	0.00	1.68	10.83	0.23	2.91	0.797
SUB-12332	13.59	0.00	0.00	1.68	11.15	0.24	3.17	0.821
SUB-12334	13.59	0.00	0.00	1.68	10.51	0.42	4.94	0.773
SUB-12336	13.59	0.00	0.00	1.68	10.90	0.20	2.53	0.802
SUB-12340	13.59	0.00	0.00	1.60	10.14	0.61	6.76	0.746
SUB-12344	13.59	0.00	0.00	1.68	10.41	0.50	5.74	0.766
SUB-12346	13.59	0.00	0.00	1.68	10.38	0.52	5.94	0.764
SUB-12348	13.59	0.00	0.00	1.63	10.14	0.67	7.33	0.746
SUB-12350	13.59	0.00	0.00	1.63	10.16	0.65	7.16	0.747
SUB-12352	13.59	0.00	0.00	1.68	10.13	0.76	8.35	0.745
SUB-12354	13.59	0.00	0.00	1.68	10.03	0.88	9.46	0.738
SUB-12356	13.59	0.00	0.00	1.62	10.30	0.52	5.87	0.758
SUB-12358	13.59	0.00	0.00	1.68	10.54	0.40	4.76	0.775
SUB-12362	13.59	0.00	0.00	1.68	11.20	0.10	1.28	0.824
SUB-12364	13.59	0.00	0.00	1.40	10.97	0.12	1.36	0.807
SUB-12366	13.59	0.00	0.00	1.54	11.00	0.13	1.64	0.810
SUB-12368	13.59	0.00	0.00	0.32	7.19	0.27	1.38	0.529
SUB-12372	13.59	0.00	0.00	0.87	8.06	0.30	2.63	0.593
SUB-12374	13.59	0.00	0.00	0.95	9.15	0.77	7.02	0.673

SUB-12376	13.59	0.00	0.00	0.94	11.27	0.48	4.35	0.829
SUB-12380	13.59	0.00	0.00	0.95	10.28	1.07	9.65	0.757
SUB-12382	13.59	0.00	0.00	0.31	8.90	0.33	1.50	0.655
SUB-12386	13.59	0.00	0.00	0.34	7.85	0.29	1.48	0.577
SUB-12388	13.59	0.00	0.00	0.34	7.24	0.40	2.11	0.533
SUB-12394	13.59	0.00	0.00	0.95	9.34	0.33	3.00	0.687
SUB-12396	13.59	0.00	0.00	0.95	8.18	0.79	7.19	0.602
SUB-12398	13.59	0.00	0.00	0.95	9.48	0.29	2.68	0.698
SUB-12400	13.59	0.00	0.00	0.95	9.87	0.21	1.92	0.726
SUB-12402	13.59	0.00	0.00	0.95	8.39	0.68	6.16	0.618
SUB-12404	13.59	0.00	0.00	0.95	8.84	0.48	4.41	0.651
SUB-12408	13.59	0.00	0.00	0.95	7.55	1.26	11.32	0.556
SUB-12410	13.59	0.00	0.00	0.95	9.09	0.40	3.64	0.669
SUB-12414	13.59	0.00	0.00	0.95	8.51	0.62	5.68	0.626
SUB-12418	13.59	0.00	0.00	0.95	8.13	0.82	7.48	0.598
SUB-12420	13.59	0.00	0.00	0.95	9.19	0.37	3.37	0.676
SUB-12422	13.59	0.00	0.00	0.95	9.05	0.41	3.77	0.666
SUB-12424	13.59	0.00	0.00	0.38	7.54	0.37	2.04	0.555
SUB-12428	13.59	0.00	0.00	0.39	8.37	0.24	1.31	0.616
SUB-12430	13.59	0.00	0.00	0.87	8.11	0.70	6.21	0.596
SUB-12432	13.59	0.00	0.00	1.68	10.78	0.26	3.19	0.793
SUB-12434	13.59	0.00	0.00	0.92	8.73	0.50	4.48	0.642
SUB-12438	13.59	0.00	0.00	1.68	10.34	1.14	13.00	0.761
SUB-12442	13.59	0.00	0.00	1.68	11.45	0.14	1.91	0.842
SUB-12444	13.59	0.00	0.00	0.33	8.40	0.28	1.32	0.618
SUB-12446	13.59	0.00	0.00	0.42	7.97	0.31	1.79	0.587
SUB-12448	13.59	0.00	0.00	1.68	10.97	0.57	7.28	0.807
SUB-12450	13.59	0.00	0.00	1.68	10.64	0.33	4.03	0.783
SUB-12452	13.59	0.00	0.00	1.68	10.53	0.41	4.81	0.775
SUB-12454	13.59	0.00	0.00	1.55	10.32	0.42	4.80	0.759
SUB-12456	13.59	0.00	0.00	1.57	10.56	0.30	3.54	0.777
SUB-12458	13.59	0.00	0.00	1.38	10.19	0.34	3.71	0.750
SUB-12460	13.59	0.00	0.00	0.00	11.09	0.50	5.00	0.816

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Node Depth Summary
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Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum Run HGL Feet	Time of Max Occurrence days hr:min	Maximum Output HGL Feet	Time of Max Occurrence days hr:min
J-102	JUNCTION	3.27	8.90	4.34	2 17:18	4.34	2 17:19
J-104	JUNCTION	3.32	8.82	4.26	2 17:31	4.26	2 17:31
J-106	JUNCTION	3.29	8.79	4.23	2 17:35	4.23	2 17:36
J-109	JUNCTION	3.29	8.61	4.05	2 18:33	4.05	2 18:34
J-11	JUNCTION	3.54	8.94	4.38	3 01:52	4.38	3 01:53
J-110	JUNCTION	2.82	8.17	4.05	2 18:32	4.05	2 18:33
J-113	JUNCTION	3.28	8.50	3.94	2 19:08	3.94	2 19:09
J-114	JUNCTION	3.23	8.50	3.94	2 19:10	3.94	2 19:10
J-118	JUNCTION	3.21	8.49	3.93	2 19:13	3.93	2 19:13
J-12	JUNCTION	3.51	8.94	4.38	3 01:56	4.38	3 01:56
J-121	JUNCTION	3.27	8.79	4.23	2 17:35	4.23	2 17:36
J-126	JUNCTION	4.11	7.96	4.40	2 18:10	4.40	2 18:10
J-126A	JUNCTION	4.11	7.98	4.42	2 19:38	4.41	2 18:09
J-127	JUNCTION	3.91	7.80	4.24	2 18:26	4.24	2 18:27
J-128	JUNCTION	2.28	7.77	4.21	2 18:27	4.21	2 18:28
J-129	JUNCTION	2.24	7.49	3.93	2 19:15	3.93	2 19:15
J-130	JUNCTION	2.26	7.33	3.77	2 20:16	3.77	2 20:17
J-131	JUNCTION	2.22	7.06	3.50	2 10:47	3.49	3 04:03
J-132	JUNCTION	2.28	7.36	3.80	2 20:18	3.80	2 20:19
J-137	JUNCTION	2.30	7.42	3.86	2 20:23	3.86	2 20:24
J-139	JUNCTION	2.29	7.51	3.95	2 20:26	3.95	2 20:26
J-140	JUNCTION	2.36	7.68	4.12	2 20:22	4.12	2 20:23
J-147	JUNCTION	2.43	7.96	4.40	2 19:39	4.40	2 19:40
J-148	JUNCTION	2.44	8.04	4.48	2 19:09	4.48	2 19:10
J-149	JUNCTION	2.42	8.04	4.48	2 19:09	4.48	2 19:10
J-15	JUNCTION	3.04	8.43	4.37	3 02:11	4.37	3 02:11
J-152	JUNCTION	2.46	8.09	4.53	2 18:36	4.53	2 18:36
J-153	JUNCTION	2.47	8.11	4.55	2 18:29	4.55	2 18:30
J-155	JUNCTION	2.46	8.13	4.57	2 18:28	4.57	2 18:28
J-156	JUNCTION	2.48	8.20	4.64	2 16:44	4.64	2 16:45
J-158	JUNCTION	2.44	8.28	4.72	2 16:15	4.72	2 16:16
J-158A	JUNCTION	2.44	8.64	5.08	2 15:47	4.97	2 16:31
J-15A	JUNCTION	2.55	7.97	4.41	3 01:20	4.39	3 01:22
J-160	JUNCTION	2.46	8.29	4.73	2 16:16	4.73	2 16:16
J-161	JUNCTION	2.13	6.81	3.25	2 12:55	3.25	2 12:55
J-162	JUNCTION	2.06	7.31	3.75	2 08:13	3.75	2 08:56

J-163	JUNCTION	2.04	6.64	3.08	2	12:24	3.08	2	12:25
J-164	JUNCTION	1.99	6.51	2.95	2	11:06	2.95	2	09:47
J-165	JUNCTION	1.95	6.60	3.04	2	11:19	3.04	2	10:05
J-166	JUNCTION	1.85	6.37	2.81	2	09:41	2.81	2	09:41
J-167	JUNCTION	1.82	6.02	2.46	2	10:09	2.46	2	10:19
J-168	JUNCTION	1.85	6.16	2.60	2	10:20	2.60	2	10:52
J-169	JUNCTION	1.86	6.46	2.90	2	12:23	2.90	2	12:24
J-170	JUNCTION	1.85	6.56	3.00	2	12:23	3.00	2	12:24
J-174	JUNCTION	2.50	8.29	4.73	2	16:17	4.73	2	16:17
J-175	JUNCTION	2.47	8.29	4.73	2	16:05	4.73	2	16:06
J-176	JUNCTION	2.46	8.30	4.74	2	16:09	4.74	2	16:10
J-179	JUNCTION	2.93	8.82	4.76	2	16:11	4.76	2	16:12
J-18	JUNCTION	2.56	7.93	4.37	3	02:10	4.37	3	02:10
J-180	JUNCTION	2.31	8.01	4.45	2	20:00	4.45	2	20:00
J-180A	JUNCTION	2.30	9.16	5.60	2	18:03	4.79	2	23:57
J-185	JUNCTION	2.75	8.57	4.51	2	17:02	4.51	2	16:31
J-185A	JUNCTION	2.26	8.58	5.02	2	16:32	4.89	2	16:55
J-188	JUNCTION	3.22	8.89	4.83	2	14:55	4.83	2	14:56
J-188A	JUNCTION	2.72	8.40	4.84	2	14:36	4.83	2	14:37
J-191	JUNCTION	2.67	7.87	4.31	3	01:26	4.31	3	01:26
J-191A	JUNCTION	2.67	7.88	4.32	3	01:26	4.31	3	01:25
J-195	JUNCTION	3.29	8.40	4.84	2	14:54	4.84	2	15:14
J-195A	JUNCTION	3.29	8.57	5.01	2	16:02	4.91	2	16:09
J-198	JUNCTION	3.37	8.40	4.84	2	16:18	4.84	2	16:18
J-199	JUNCTION	3.35	8.31	4.75	2	16:35	4.75	2	16:36
J-19A	JUNCTION	2.55	8.17	4.61	3	01:08	4.51	3	01:15
J-203	JUNCTION	3.30	8.28	4.72	2	16:51	4.72	2	16:51
J-204	JUNCTION	3.31	8.29	4.73	2	16:39	4.73	2	16:40
J-206	JUNCTION	3.32	8.16	4.60	2	19:32	4.60	2	19:33
J-208	JUNCTION	3.28	8.14	4.58	2	19:31	4.58	2	19:32
J-209	JUNCTION	3.30	8.15	4.59	2	19:28	4.59	2	19:29
J-212	JUNCTION	3.33	8.15	4.59	2	19:25	4.59	2	19:26
J-213	JUNCTION	3.22	8.15	4.59	2	19:29	4.59	2	19:29
J-213A	JUNCTION	3.22	8.76	5.20	2	16:34	4.97	2	16:59
J-217	JUNCTION	7.18	12.18	4.49	2	19:39	4.49	2	19:39
J-218	JUNCTION	7.03	11.62	4.49	2	19:37	4.49	2	19:37
J-222	JUNCTION	5.01	9.64	4.47	2	19:34	4.47	2	19:34
J-223	JUNCTION	4.86	9.53	4.47	2	19:35	4.47	2	19:33
J-223A	JUNCTION	3.35	8.55	4.99	2	19:38	4.85	2	19:55
J-225	JUNCTION	3.34	7.93	4.37	2	19:37	4.37	2	19:37
J-226	JUNCTION	3.32	7.92	4.36	2	19:38	4.36	2	19:38
J-232	JUNCTION	3.34	7.87	4.31	2	19:39	4.31	2	19:40
J-233	JUNCTION	3.27	7.82	4.26	2	19:40	4.26	2	19:41
J-235	JUNCTION	3.18	7.82	4.26	2	19:40	4.26	2	19:40
J-238	JUNCTION	4.31	8.85	4.29	3	00:38	4.29	3	00:38
J-24	JUNCTION	2.59	7.91	4.35	3	02:17	4.35	3	02:18
J-242	JUNCTION	3.33	7.80	4.24	3	00:43	4.24	3	00:44
J-244	JUNCTION	3.40	7.80	4.24	3	00:39	4.24	3	00:39
J-247	JUNCTION	3.43	7.80	4.24	3	00:37	4.24	3	00:38
J-248	JUNCTION	3.35	7.79	4.23	3	00:54	4.23	3	00:55
J-249	JUNCTION	3.34	7.79	4.23	3	00:54	4.23	3	00:55
J-25	JUNCTION	2.56	7.92	4.36	3	02:16	4.36	3	02:16
J-253	JUNCTION	3.54	6.50	2.94	2	13:49	2.94	2	13:50
J-254	JUNCTION	3.57	6.43	2.87	2	13:44	2.87	2	13:44
J-256	JUNCTION	3.55	6.37	2.81	2	13:34	2.81	2	13:35
J-259	JUNCTION	3.48	5.91	2.35	3	00:59	2.35	3	01:00
J-25A	JUNCTION	2.56	8.17	4.61	3	01:29	4.46	3	01:13
J-260	JUNCTION	3.82	6.57	3.01	2	23:31	3.00	2	23:48
J-261	JUNCTION	3.16	5.95	2.39	3	00:33	2.39	3	00:57
J-261-WEIR	JUNCTION	0.98	6.23	2.67	3	00:33	2.42	3	00:07
J-262	JUNCTION	0.98	6.57	3.01	2	09:17	3.00	2	09:58
J-266	JUNCTION	3.35	7.24	3.68	3	01:35	3.68	3	01:35
J-267	JUNCTION	3.83	7.84	3.78	3	01:38	3.78	3	01:38
J-268	JUNCTION	4.32	8.95	4.39	3	00:19	4.30	3	01:17
J-268-WEIR	JUNCTION	1.28	8.80	4.24	3	00:42	4.23	3	01:28
J-269	JUNCTION	4.38	8.80	4.24	3	00:41	4.24	3	00:41
J-27	JUNCTION	2.57	7.89	4.33	3	02:09	4.33	3	02:09
J-271	JUNCTION	0.00	0.00	-3.50	0	00:00	-3.50	0	00:00
J-275	JUNCTION	4.36	8.85	4.29	3	00:38	4.29	3	00:39
J-278	JUNCTION	2.87	5.40	1.84	2	05:31	1.84	2	01:52
J-27A	JUNCTION	2.57	8.11	4.55	3	01:23	4.50	3	01:08
J-280	JUNCTION	3.12	5.60	2.04	2	08:59	2.04	2	09:38
J-281	JUNCTION	3.46	6.36	2.80	2	23:08	2.80	2	23:09
J-282	JUNCTION	3.62	6.93	3.37	2	23:41	3.37	2	23:42
J-283	JUNCTION	3.70	7.85	4.29	3	00:38	4.26	3	00:43
J-284	JUNCTION	3.75	9.89	6.33	3	00:37	6.07	2	21:35
J-284-WEIR	JUNCTION	0.76	13.56	10.00	2	20:55	9.79	2	23:04
J-285	JUNCTION	5.01	8.91	4.35	3	00:40	4.33	3	01:33
J-286	JUNCTION	3.70	8.35	4.29	3	00:39	4.29	3	00:39
J-288	JUNCTION	3.75	8.41	4.85	3	00:38	4.83	3	00:31

J-288A	JUNCTION	3.74	8.94	5.38	2	22:04	5.17	3	01:17
J-290	JUNCTION	3.01	7.92	4.36	3	02:16	4.36	3	02:16
J-290A	JUNCTION	3.01	7.98	4.42	3	01:17	4.41	3	01:17
J-293	JUNCTION	3.03	7.89	4.33	3	01:51	4.33	3	01:51
J-295	JUNCTION	3.01	7.88	4.32	3	01:40	4.32	3	01:40
J-296	JUNCTION	3.03	7.87	4.31	3	01:38	4.31	3	01:38
J-297	JUNCTION	2.98	7.85	4.29	3	01:27	4.29	3	01:27
J-30	JUNCTION	2.64	7.88	4.32	3	02:06	4.32	3	02:07
J-300	JUNCTION	3.48	8.34	4.28	3	01:26	4.28	3	01:26
J-301	JUNCTION	3.71	8.35	4.29	3	01:34	4.29	3	01:25
J-304	JUNCTION	2.34	8.31	4.25	3	01:37	4.25	3	01:37
J-305	JUNCTION	2.30	8.30	4.24	3	01:39	4.24	3	01:40
J-31	JUNCTION	2.58	7.88	4.32	3	01:27	4.32	3	02:04
J-310	JUNCTION	1.82	7.78	4.22	3	01:44	4.22	3	01:45
J-312	JUNCTION	1.82	7.77	4.21	3	01:52	4.21	3	01:52
J-314	JUNCTION	1.83	7.86	4.30	3	02:09	4.30	3	02:09
J-314A	JUNCTION	1.83	8.04	4.48	3	01:29	4.38	3	02:03
J-317	JUNCTION	1.86	7.86	4.30	3	02:06	4.30	3	02:07
J-31A	JUNCTION	2.58	8.08	4.52	3	01:23	4.43	3	01:11
J-321	JUNCTION	1.84	7.91	4.35	3	01:34	4.34	3	01:35
J-321A	JUNCTION	1.84	8.16	4.60	3	01:23	4.42	3	01:18
J-323	JUNCTION	1.86	7.87	4.31	3	02:10	4.31	3	02:10
J-324	JUNCTION	1.85	7.89	4.33	3	01:35	4.33	3	02:09
J-324A	JUNCTION	1.84	8.01	4.45	3	01:23	4.40	3	00:40
J-327	JUNCTION	2.60	7.91	4.35	3	02:17	4.35	3	02:17
J-328	JUNCTION	2.56	7.86	4.30	3	02:01	4.30	3	02:01
J-328A	JUNCTION	2.56	8.04	4.48	3	01:25	4.41	3	01:16
J-33	JUNCTION	2.56	7.80	4.24	3	01:52	4.24	3	01:52
J-333	JUNCTION	2.73	8.02	4.46	2	16:42	4.46	2	16:43
J-334	JUNCTION	2.68	7.92	4.36	2	16:31	4.36	2	16:32
J-335	JUNCTION	2.67	7.77	4.21	3	00:39	4.21	3	00:42
J-341	JUNCTION	2.60	7.57	4.01	3	01:17	4.01	3	01:18
J-341A	JUNCTION	2.59	7.59	4.03	3	01:29	4.03	3	01:13
J-342	JUNCTION	2.27	7.96	4.40	2	19:40	4.40	2	19:41
J-343	JUNCTION	2.84	8.43	4.37	2	19:02	4.37	2	19:02
J-348	JUNCTION	2.42	7.76	4.20	3	00:31	4.20	3	00:32
J-351	JUNCTION	2.36	7.58	4.02	3	01:04	4.02	3	01:05
J-351A	JUNCTION	2.36	7.59	4.03	3	01:10	4.02	3	01:35
J-354	JUNCTION	4.44	7.57	4.01	3	01:29	4.01	3	01:29
J-354A	JUNCTION	4.44	7.60	4.04	3	00:11	4.04	3	01:31
J-354B	JUNCTION	4.44	7.98	4.42	2	12:43	4.29	2	12:44
J-355	JUNCTION	4.48	7.81	4.25	3	00:56	4.25	3	00:51
J-355A	JUNCTION	4.48	8.11	4.55	2	23:53	4.38	2	18:04
J-359	JUNCTION	2.71	8.34	4.28	3	01:08	4.28	3	01:30
J-36	JUNCTION	2.69	7.82	4.26	3	01:52	4.26	3	01:53
J-362	JUNCTION	2.07	8.04	4.48	2	20:40	4.48	2	20:40
J-363	JUNCTION	1.98	8.08	4.52	2	20:39	4.52	2	20:40
J-364	JUNCTION	1.88	8.09	4.53	2	20:49	4.53	2	20:49
J-367	JUNCTION	2.55	8.07	4.51	2	20:21	4.51	2	20:21
J-368	JUNCTION	2.52	8.08	4.52	2	20:40	4.52	2	20:41
J-369	JUNCTION	2.56	8.08	4.52	2	20:35	4.52	2	20:36
J-374	JUNCTION	1.83	8.09	4.53	2	20:30	4.53	2	20:31
J-375	JUNCTION	3.10	8.59	4.53	2	20:35	4.53	2	20:35
J-380	JUNCTION	2.27	8.60	4.54	2	20:34	4.54	2	20:34
J-380A	JUNCTION	1.77	8.50	4.94	2	20:41	4.88	2	20:37
J-381	JUNCTION	3.14	9.59	4.53	2	20:30	4.53	2	20:30
J-384	JUNCTION	3.69	9.09	4.53	2	20:37	4.53	2	20:37
J-385	JUNCTION	2.69	8.08	4.52	2	20:34	4.52	2	20:35
J-388	JUNCTION	3.75	9.09	4.53	2	20:34	4.53	2	20:35
J-389	JUNCTION	3.18	8.59	4.53	2	20:35	4.53	2	20:36
J-393	JUNCTION	3.23	8.59	4.53	2	20:37	4.53	2	20:37
J-396	JUNCTION	3.24	8.61	4.55	2	15:11	4.55	2	15:11
J-399	JUNCTION	2.69	8.11	4.55	2	15:10	4.55	2	15:10
J-40	JUNCTION	2.68	7.91	4.35	3	01:45	4.35	3	01:46
J-402	JUNCTION	2.64	8.84	5.28	2	12:48	5.28	2	12:48
J-402A	JUNCTION	2.64	8.84	5.28	2	12:48	5.28	2	12:48
J-405	JUNCTION	2.66	8.17	4.61	2	15:14	4.61	2	15:14
J-407	JUNCTION	2.66	8.15	4.59	2	16:31	4.59	2	16:31
J-409	JUNCTION	3.12	8.64	4.58	2	16:29	4.58	2	16:29
J-40A	JUNCTION	2.68	8.00	4.44	3	01:16	4.41	3	01:49
J-40B	JUNCTION	2.68	8.14	4.58	3	01:23	4.51	3	01:30
J-40C	JUNCTION	2.68	8.14	4.58	2	22:39	4.44	3	01:04
J-410	JUNCTION	3.22	8.64	4.58	2	16:28	4.58	2	16:29
J-412	JUNCTION	2.62	8.13	4.57	2	16:26	4.57	2	16:27
J-414	JUNCTION	2.67	8.19	4.63	2	16:24	4.63	2	16:25
J-415	JUNCTION	4.21	9.83	4.67	2	16:23	4.67	2	16:23
J-415A	JUNCTION	2.63	8.55	4.99	2	16:31	4.93	2	16:31
J-415B	JUNCTION	2.63	8.46	4.90	2	16:23	4.83	2	16:26
J-416	JUNCTION	3.62	9.18	4.62	2	16:25	4.62	2	16:25
J-417	JUNCTION	3.62	9.09	4.53	2	20:18	4.53	2	20:18

J-42	JUNCTION	2.63	7.92	4.36	3	01:30	4.36	3	01:30
J-421	JUNCTION	2.64	8.09	4.53	2	20:27	4.53	2	20:17
J-422	JUNCTION	2.64	8.16	4.60	2	20:37	4.60	2	20:38
J-422A	JUNCTION	2.64	8.69	5.13	2	20:42	4.96	2	22:29
J-423	JUNCTION	4.19	9.45	4.39	2	22:11	4.39	2	22:12
J-423A	JUNCTION	2.71	8.44	4.88	2	21:20	4.69	2	20:42
J-424	JUNCTION	2.79	8.02	4.46	2	20:42	4.46	2	20:43
J-427	JUNCTION	2.80	8.05	4.49	2	20:42	4.49	2	20:42
J-42A	JUNCTION	2.63	8.01	4.45	3	01:28	4.41	3	01:17
J-430	JUNCTION	2.76	8.19	4.63	2	16:56	4.63	2	16:57
J-430A	JUNCTION	2.76	8.63	5.07	2	20:42	4.98	2	20:43
J-431	JUNCTION	5.10	10.17	4.63	2	16:30	4.63	2	16:31
J-431A	JUNCTION	3.14	8.59	5.03	2	17:45	4.91	2	20:14
J-432	JUNCTION	5.08	9.99	4.61	2	16:52	4.61	2	16:52
J-432B	JUNCTION	3.14	8.37	4.81	2	17:54	4.78	2	18:04
J-433	JUNCTION	3.16	8.06	4.53	2	22:02	4.53	2	22:02
J-434	JUNCTION	3.22	8.09	4.53	2	22:03	4.53	2	22:04
J-435	JUNCTION	3.25	8.08	4.52	2	22:04	4.52	2	22:05
J-436	JUNCTION	3.23	8.07	4.51	2	22:12	4.51	2	22:12
J-437	JUNCTION	3.25	8.07	4.51	2	22:09	4.51	2	22:10
J-438	JUNCTION	3.32	8.01	4.45	2	23:23	4.45	2	23:23
J-439	JUNCTION	3.28	8.01	4.45	2	23:15	4.45	2	23:15
J-440	JUNCTION	4.53	9.02	3.96	2	22:10	3.96	2	22:10
J-441	JUNCTION	3.14	7.52	3.96	2	22:09	3.96	2	22:11
J-444	JUNCTION	4.16	9.25	4.19	2	22:13	4.19	2	22:14
J-444-WEIR	JUNCTION	4.55	9.52	4.46	2	13:44	4.25	2	13:58
J-445	JUNCTION	4.16	9.25	4.19	2	22:13	4.19	2	22:14
J-448	JUNCTION	3.25	7.94	4.38	2	21:24	4.38	2	21:25
J-450	JUNCTION	4.21	9.40	4.34	2	22:11	4.34	2	22:12
J-454	JUNCTION	3.25	7.94	4.38	2	21:26	4.38	2	21:27
J-455	JUNCTION	3.45	8.14	4.58	2	21:22	4.58	2	21:18
J-459	JUNCTION	3.90	8.57	4.58	2	21:20	4.58	2	21:21
J-459A	JUNCTION	3.47	8.83	5.27	2	20:41	5.18	2	20:42
J-460-NEW	JUNCTION	3.53	8.63	5.07	2	21:23	5.07	2	21:23
J-463	JUNCTION	3.52	8.64	5.08	2	21:23	5.08	2	21:23
J-466	JUNCTION	3.71	11.18	7.62	3	02:14	7.50	3	02:14
J-468	JUNCTION	3.27	9.71	6.15	2	22:12	6.15	2	22:12
J-47	JUNCTION	3.26	6.53	2.67	2	12:20	2.67	2	12:20
J-470	JUNCTION	3.06	6.74	3.18	2	08:22	3.16	2	07:48
J-471	JUNCTION	3.52	9.99	6.43	3	02:07	6.42	3	02:16
J-478	JUNCTION	2.62	6.36	2.80	2	11:20	2.79	2	11:20
J-479	JUNCTION	3.09	6.13	2.57	2	08:31	2.55	2	08:31
J-480	JUNCTION	2.62	6.50	2.94	2	11:20	2.93	2	11:21
J-481	JUNCTION	2.78	6.55	2.99	2	08:16	2.98	2	08:10
J-482	JUNCTION	2.61	6.59	3.03	2	10:47	3.02	2	07:26
J-484	JUNCTION	2.87	6.78	3.05	1	10:29	3.05	1	14:45
J-485	JUNCTION	2.77	6.59	3.02	2	06:34	3.01	2	06:34
J-486	JUNCTION	2.73	6.45	2.89	2	11:25	2.88	2	11:26
J-487	JUNCTION	2.71	6.65	3.09	2	08:04	3.09	2	07:50
J-489	JUNCTION	2.65	6.51	2.95	2	09:46	2.94	2	10:48
J-491	JUNCTION	2.93	6.33	2.77	2	12:16	2.77	2	12:16
J-492	JUNCTION	3.10	6.65	3.09	2	12:25	3.09	2	12:25
J-493	JUNCTION	3.08	6.94	3.38	2	23:57	3.38	2	23:57
J-495	JUNCTION	3.03	6.99	3.43	3	00:07	3.43	3	00:07
J-497	JUNCTION	2.56	7.00	3.44	2	23:59	3.44	2	23:59
J-498	JUNCTION	2.54	7.12	3.56	2	20:20	3.56	2	20:20
J-498A	JUNCTION	2.54	7.12	3.56	2	20:20	3.56	2	20:20
J-499	JUNCTION	2.54	7.11	3.55	2	20:28	3.55	2	20:28
J-5	JUNCTION	3.96	9.51	4.45	3	01:41	4.45	3	01:42
J-50	JUNCTION	3.10	7.18	3.47	2	11:33	3.47	2	11:33
J-500	JUNCTION	2.54	7.11	3.55	2	20:29	3.55	2	20:29
J-505	JUNCTION	2.54	7.11	3.55	2	20:40	3.55	2	20:41
J-508	JUNCTION	2.54	7.11	3.55	2	20:41	3.55	2	20:42
J-51	JUNCTION	3.30	7.00	3.04	3	05:23	3.00	3	05:23
J-512	JUNCTION	2.54	7.10	3.54	2	20:40	3.54	2	20:41
J-518	JUNCTION	2.54	7.09	3.53	2	20:39	3.53	2	20:40
J-53	JUNCTION	3.83	9.11	4.35	3	01:39	4.35	3	01:40
J-534	JUNCTION	4.82	8.07	4.51	2	23:23	4.51	2	23:23
J-537	JUNCTION	5.03	9.65	6.09	2	23:57	6.09	2	23:58
J-539	JUNCTION	4.99	9.70	6.14	2	21:15	6.14	2	21:16
J-539-WEIR	JUNCTION	4.74	9.74	6.18	3	00:12	6.17	2	21:15
J-539A	JUNCTION	4.99	11.00	7.44	2	13:08	6.35	2	23:16
J-54	JUNCTION	3.83	9.11	4.35	3	01:42	4.35	3	01:42
J-541	JUNCTION	4.66	9.72	6.16	2	22:20	6.16	2	22:20
J-544	JUNCTION	3.06	6.89	3.33	2	23:54	3.33	2	23:54
J-548	JUNCTION	2.91	6.73	3.17	3	05:46	3.10	2	13:14
J-54A	JUNCTION	2.65	8.02	4.46	3	01:25	4.43	3	01:34
J-54B	JUNCTION	2.65	7.95	4.39	3	01:24	4.37	3	01:25
J-550	JUNCTION	2.98	6.68	3.12	2	11:51	3.12	2	11:52
J-553	JUNCTION	3.20	7.12	3.27	2	09:12	3.27	1	20:59

J-554	JUNCTION	3.33	7.92	3.89	1	18:31	3.88	0	20:56
J-555	JUNCTION	3.74	8.29	3.89	2	07:36	3.89	2	07:37
J-557	JUNCTION	6.21	7.13	-0.82	2	10:52	-0.82	2	10:52
J-558	JUNCTION	5.24	6.02	-0.96	2	10:43	-0.99	2	10:43
J-559	JUNCTION	2.82	6.40	2.84	1	09:14	2.84	1	09:15
J-560	JUNCTION	2.74	6.32	2.76	1	20:24	2.75	2	07:37
J-561	JUNCTION	2.98	7.27	3.27	2	08:46	1.36	2	08:46
J-563	JUNCTION	2.48	8.24	4.68	3	01:32	4.68	3	01:32
J-563A	JUNCTION	2.48	8.34	4.78	2	23:54	4.68	3	01:36
J-565	JUNCTION	4.01	9.67	4.61	3	01:35	4.61	3	01:36
J-566	JUNCTION	3.95	9.97	4.91	3	01:34	4.88	3	01:06
J-566-WEIR	JUNCTION	0.97	13.56	10.00	2	20:09	9.94	2	20:09
J-567	JUNCTION	1.01	8.85	4.85	3	00:44	4.85	3	00:44
J-568	JUNCTION	1.84	13.55	4.92	2	19:38	4.92	2	19:39
J-569	JUNCTION	1.46	11.56	5.31	2	19:37	5.30	2	19:38
J-570	JUNCTION	2.48	8.43	4.87	3	01:07	4.85	3	01:08
J-571	JUNCTION	3.75	8.28	4.72	3	01:31	4.72	3	01:31
J-571A	JUNCTION	3.75	8.55	4.99	2	23:54	4.72	3	01:32
J-571B	JUNCTION	3.75	8.76	5.20	3	00:01	5.00	3	01:23
J-572A	JUNCTION	2.67	6.99	3.43	2	12:15	3.28	2	12:17
J-572B	JUNCTION	2.67	7.03	3.47	2	12:15	3.07	2	12:17
J-575	JUNCTION	3.73	8.00	4.00	0	00:00	0.61	2	21:01
J-576	JUNCTION	3.20	7.11	3.05	2	12:24	3.04	2	08:39
J-577	JUNCTION	2.67	6.57	3.01	2	12:25	3.00	2	12:25
J-578	JUNCTION	2.28	7.10	3.04	2	09:43	3.04	2	09:44
J-58	JUNCTION	3.82	9.11	4.35	3	01:47	4.35	3	01:47
J-581	JUNCTION	3.40	8.10	3.04	2	09:36	3.04	2	09:28
J-585	JUNCTION	2.44	7.53	3.47	2	12:56	3.47	2	12:57
J-585B	JUNCTION	2.44	7.53	3.47	2	12:57	3.47	2	12:57
J-588	JUNCTION	3.02	8.01	3.45	2	12:58	3.45	2	12:59
J-58A	JUNCTION	3.82	9.23	4.47	3	01:29	4.39	3	00:53
J-59	JUNCTION	3.82	9.08	4.32	3	01:55	4.32	3	01:56
J-591	JUNCTION	4.32	9.05	2.99	2	12:38	2.99	2	12:39
J-591A	JUNCTION	4.32	9.07	3.01	2	12:29	3.00	2	12:33
J-591B	JUNCTION	4.32	9.15	3.09	2	12:15	2.99	2	12:38
J-596	JUNCTION	3.25	8.24	3.37	2	13:02	3.37	2	13:03
J-596A	JUNCTION	3.80	9.09	3.53	2	11:50	3.37	2	13:00
J-598	JUNCTION	2.04	6.83	3.27	2	13:24	3.27	2	13:25
J-598A	JUNCTION	2.04	6.83	3.27	2	13:24	3.27	2	13:25
J-598B	JUNCTION	2.01	6.83	3.27	2	13:24	3.27	2	13:25
J-59A	JUNCTION	3.82	9.23	4.47	3	01:15	4.44	3	01:11
J-59B	JUNCTION	3.82	9.21	4.45	3	01:25	4.40	3	01:30
J-5A	JUNCTION	3.95	9.66	4.60	2	21:24	4.45	3	01:42
J-6	JUNCTION	3.71	9.20	4.45	3	01:41	4.45	3	01:42
J-60	JUNCTION	3.82	9.09	4.33	3	01:48	4.33	3	01:48
J-601	JUNCTION	2.04	6.36	2.80	2	12:40	2.80	2	12:41
J-602	JUNCTION	2.02	6.27	2.71	2	12:37	2.71	2	12:37
J-603	JUNCTION	2.56	6.56	3.00	2	10:09	3.00	2	10:09
J-604	JUNCTION	2.20	5.56	2.00	2	09:37	2.00	2	09:38
J-606	JUNCTION	2.50	6.57	2.51	2	12:19	2.51	2	12:19
J-607	JUNCTION	2.51	6.58	2.52	2	12:19	2.52	2	12:20
J-609	JUNCTION	2.01	6.25	2.69	2	12:35	2.69	2	12:35
J-61	JUNCTION	3.82	9.09	4.33	3	01:53	4.33	3	01:50
J-611	JUNCTION	2.09	6.92	3.36	2	13:32	3.36	2	13:32
J-611A	JUNCTION	2.09	6.93	3.37	2	13:24	3.36	2	13:32
J-611B	JUNCTION	2.09	6.92	3.36	2	13:32	3.36	2	13:32
J-613	JUNCTION	2.11	6.57	3.01	2	13:11	3.01	2	13:12
J-615	JUNCTION	2.09	6.49	2.93	2	13:00	2.93	2	13:00
J-618	JUNCTION	2.70	7.92	4.36	3	01:41	4.36	3	01:42
J-61A	JUNCTION	2.64	13.56	10.00	3	03:36	6.90	3	04:09
J-623	JUNCTION	2.68	7.93	4.37	3	01:36	4.37	3	01:37
J-624	JUNCTION	2.65	7.93	4.37	3	01:38	4.37	3	01:39
J-624A	JUNCTION	2.64	8.32	4.76	3	01:25	4.60	3	00:53
J-626	JUNCTION	2.67	7.91	4.35	3	01:47	4.35	3	01:48
J-629	JUNCTION	2.76	7.91	4.35	3	01:49	4.35	3	01:50
J-63	JUNCTION	2.66	8.10	4.54	2	15:07	4.54	2	15:07
J-632	JUNCTION	2.74	7.91	4.35	3	01:50	4.35	3	01:51
J-633	JUNCTION	3.15	8.42	4.36	3	01:54	4.36	3	01:55
J-637	JUNCTION	2.68	7.92	4.36	3	01:54	4.36	3	01:55
J-64	JUNCTION	2.63	8.10	4.54	2	15:08	4.54	2	15:09
J-640	JUNCTION	2.69	7.91	4.35	3	01:49	4.35	3	01:49
J-647	JUNCTION	2.65	7.90	4.34	3	01:43	4.34	3	01:44
J-647A	JUNCTION	2.64	8.11	4.55	2	23:52	4.45	3	01:24
J-647B	JUNCTION	2.65	13.56	10.00	3	03:05	6.69	3	05:37
J-650	JUNCTION	2.62	7.92	4.36	3	02:10	4.36	3	02:06
J-653	JUNCTION	2.64	7.93	4.37	3	02:10	4.36	3	02:11
J-653A	JUNCTION	2.64	8.12	4.56	3	01:34	4.51	3	01:30
J-654	JUNCTION	2.63	7.94	4.38	3	02:27	4.38	3	01:07
J-654A	JUNCTION	2.63	8.22	4.66	3	01:16	4.52	3	01:05
J-657	JUNCTION	2.64	7.93	4.37	3	02:08	4.37	3	02:08

J-659	JUNCTION	2.63	7.92	4.36	3	02:10	4.36	3	02:10
J-663	JUNCTION	3.66	8.93	4.37	3	02:07	4.37	3	02:08
J-665	JUNCTION	3.65	8.94	4.38	3	02:02	4.38	3	02:03
J-666	JUNCTION	3.59	8.94	4.38	3	01:54	4.38	3	01:55
J-67	JUNCTION	2.46	7.96	4.40	2	19:38	4.40	2	19:39
J-670	JUNCTION	3.59	8.94	4.38	3	01:55	4.38	3	01:55
J-672	JUNCTION	4.12	7.56	3.00	2	11:29	3.00	2	11:30
J-673	JUNCTION	4.28	8.94	4.38	3	01:50	4.38	3	01:50
J-673A	JUNCTION	4.28	8.97	4.41	2	21:24	4.38	3	01:50
J-678	JUNCTION	3.59	8.94	4.38	3	01:56	4.38	3	01:56
J-67A	JUNCTION	2.39	7.96	4.40	2	19:39	4.40	2	19:39
J-682	JUNCTION	0.79	6.73	4.17	2	13:37	4.17	2	13:38
J-684	JUNCTION	0.77	6.59	4.03	2	13:30	4.03	2	13:31
J-686	JUNCTION	0.73	6.27	3.71	2	12:55	3.71	2	12:55
J-687	JUNCTION	0.69	6.17	3.61	2	12:17	3.61	2	12:17
J-691	JUNCTION	0.63	5.93	3.37	2	12:19	3.37	2	12:20
J-692	JUNCTION	0.55	5.91	3.35	2	12:20	3.35	2	12:20
J-692-WEIR	JUNCTION	0.19	3.17	0.61	2	21:00	0.60	2	21:00
J-693	JUNCTION	2.29	6.56	4.00	0	00:00	0.61	1	21:02
J-697	JUNCTION	1.28	7.56	4.00	2	10:42	4.00	2	08:28
J-7	JUNCTION	3.55	9.00	4.44	3	01:41	4.44	3	01:42
J-700	JUNCTION	1.28	6.85	3.29	2	11:51	3.29	2	11:43
J-701	JUNCTION	1.25	6.80	3.24	2	11:35	1.49	2	11:52
J-702	JUNCTION	1.25	6.81	3.25	2	11:38	0.96	2	11:45
J-705	JUNCTION	1.27	7.05	3.49	2	11:13	3.49	2	09:45
J-707	JUNCTION	1.28	6.75	3.19	2	11:35	3.19	2	11:07
J-710	JUNCTION	1.29	6.95	3.39	2	12:31	3.39	2	12:31
J-712	JUNCTION	2.79	7.73	4.17	2	16:43	4.17	2	16:43
J-714	JUNCTION	2.98	7.72	4.16	2	16:38	4.16	2	16:38
J-719	JUNCTION	3.03	7.48	3.92	2	14:47	3.92	2	14:48
J-72	JUNCTION	2.62	8.10	4.54	2	15:09	4.54	2	15:10
J-721	JUNCTION	2.96	7.19	3.63	2	13:35	3.63	2	13:36
J-725	JUNCTION	2.94	7.27	3.71	2	12:56	3.71	2	12:57
J-728	JUNCTION	3.03	7.28	3.72	2	12:52	3.72	2	12:52
J-73	JUNCTION	2.69	8.12	4.56	2	15:09	4.56	2	15:09
J-734	JUNCTION	3.12	7.31	3.75	2	12:02	3.75	2	12:03
J-734A	JUNCTION	3.12	7.48	3.92	2	12:04	3.81	2	12:37
J-734B	JUNCTION	3.12	7.31	3.75	2	12:02	3.75	2	12:03
J-735	JUNCTION	3.18	7.62	4.06	2	11:56	4.06	2	11:56
J-736	JUNCTION	6.20	10.78	7.22	2	11:52	7.20	2	11:52
J-74	JUNCTION	2.70	8.11	4.55	2	15:08	4.55	2	15:09
J-740	JUNCTION	3.94	9.08	4.32	3	01:51	4.32	3	01:51
J-741	JUNCTION	3.99	9.07	4.31	3	01:14	4.31	3	01:15
J-744	JUNCTION	3.99	9.06	4.30	3	01:22	4.30	3	01:22
J-745	JUNCTION	3.92	9.07	4.31	3	01:16	4.31	3	01:16
J-745A	JUNCTION	2.74	8.15	4.59	2	19:10	4.42	2	18:04
J-748	JUNCTION	4.07	8.76	4.00	3	01:38	4.00	3	01:38
J-748-WEIR-STANTEC	JUNCTION	4.05	8.76	4.00	3	01:38	4.00	3	01:38
J-748A	JUNCTION	2.89	7.77	4.21	2	23:57	4.04	3	01:13
J-749	JUNCTION	4.17	8.77	4.01	3	00:47	4.01	3	00:47
J-750	JUNCTION	4.17	8.77	4.01	3	01:37	4.00	3	01:37
J-750A	JUNCTION	2.99	7.75	4.19	3	01:18	4.04	3	01:07
J-751	JUNCTION	4.32	8.92	4.01	3	01:38	4.01	3	01:38
J-752	JUNCTION	4.70	9.36	4.00	3	01:36	4.00	3	01:37
J-753	JUNCTION	4.81	9.66	4.19	3	01:20	4.19	3	01:21
J-754	JUNCTION	4.92	9.96	4.39	2	23:17	4.39	2	23:17
J-754-WEIR-STANTEC	JUNCTION	4.63	9.36	4.00	3	01:36	4.00	3	01:37
J-754A	JUNCTION	2.94	13.58	10.02	3	01:02	10.00	3	03:58
J-755	JUNCTION	1.93	6.93	3.37	2	13:01	3.37	2	13:02
J-757	JUNCTION	3.85	8.93	3.37	2	12:59	3.37	2	13:00
J-760	JUNCTION	2.64	7.92	4.36	3	01:31	4.36	3	01:31
J-761	JUNCTION	3.29	8.79	4.23	2	17:35	4.23	2	17:35
J-763	JUNCTION	4.60	9.08	4.02	2	22:16	4.02	2	22:16
J-764	JUNCTION	4.11	9.72	4.66	3	01:35	4.65	3	01:35
J-766	JUNCTION	2.64	7.29	3.73	2	12:08	3.73	2	12:08
J-766A	JUNCTION	2.64	7.49	3.93	2	13:10	3.80	2	12:11
J-768	JUNCTION	2.64	7.24	3.68	2	12:57	3.68	2	12:57
J-769	JUNCTION	2.74	7.16	3.60	2	12:58	3.60	2	12:59
J-77	JUNCTION	2.68	8.26	4.70	2	14:53	4.70	2	14:53
J-771	JUNCTION	2.73	7.00	3.44	2	12:51	3.44	2	12:51
J-772	JUNCTION	2.86	6.97	3.41	2	12:47	3.41	2	12:47
J-774	JUNCTION	2.82	6.97	3.41	2	12:45	3.41	2	12:46
J-776	JUNCTION	2.71	6.97	3.41	2	12:39	3.41	2	12:40
J-778	JUNCTION	2.65	6.85	3.29	2	08:26	3.29	2	08:50
J-77A	JUNCTION	2.67	13.56	10.00	2	10:00	7.23	3	02:53
J-77B	JUNCTION	2.67	8.26	4.70	2	14:53	4.70	2	14:53
J-780	JUNCTION	2.69	6.86	3.30	1	11:43	3.30	2	11:53
J-782	JUNCTION	2.65	6.93	3.37	2	12:47	3.37	2	12:48
J-784	JUNCTION	2.58	7.11	3.55	2	12:36	3.55	2	12:37
J-786	JUNCTION	2.58	7.05	3.49	2	12:46	3.49	2	12:47

J-788	JUNCTION	2.61	6.97	3.41	2	12:47	3.41	2	12:47
J-790	JUNCTION	2.64	6.90	3.34	2	12:41	3.34	2	12:41
J-792	JUNCTION	2.72	6.87	3.31	1	16:32	3.31	2	11:53
J-793	JUNCTION	2.69	6.91	3.35	2	12:19	3.35	2	12:19
J-795	JUNCTION	2.67	6.87	3.31	2	12:34	3.31	2	12:35
J-799	JUNCTION	1.50	7.05	3.45	3	02:53	3.44	2	11:39
J-799-WEIR-EAC	JUNCTION	3.19	7.05	3.45	2	06:34	3.44	2	09:11
J-80	JUNCTION	2.80	8.26	4.70	2	14:55	4.70	2	14:55
J-800	JUNCTION	1.50	6.80	3.20	2	17:06	3.20	2	17:07
J-802	JUNCTION	1.51	6.80	3.20	2	17:07	3.20	2	17:08
J-806	JUNCTION	1.46	6.70	3.10	2	16:23	3.10	2	16:23
J-809	JUNCTION	1.44	6.69	3.09	2	16:19	3.09	2	16:20
J-810	JUNCTION	1.45	6.70	3.10	2	16:19	3.10	2	16:20
J-813	JUNCTION	1.47	6.74	3.14	2	16:17	3.14	2	16:18
J-816	JUNCTION	1.47	6.78	3.18	2	16:12	3.18	2	16:13
J-819	JUNCTION	1.48	6.79	3.19	2	16:11	3.19	2	16:12
J-82	JUNCTION	3.28	8.84	4.78	2	16:10	4.78	2	16:11
J-822	JUNCTION	1.49	6.82	3.22	2	16:06	3.22	2	16:07
J-826	JUNCTION	1.55	6.87	3.27	2	17:42	3.27	2	17:43
J-829	JUNCTION	1.54	6.86	3.26	2	17:36	3.26	2	17:37
J-83	JUNCTION	3.21	8.83	4.77	2	16:12	4.77	2	16:12
J-831	JUNCTION	1.54	6.85	3.25	2	17:33	3.25	2	17:34
J-836	JUNCTION	1.53	6.84	3.24	2	17:22	3.24	2	17:23
J-838	JUNCTION	1.22	6.26	2.66	2	13:17	2.66	2	13:18
J-83A	JUNCTION	3.21	14.06	10.00	2	11:19	7.15	3	03:54
J-84	JUNCTION	3.26	8.83	4.77	2	16:13	4.77	2	16:13
J-841	JUNCTION	1.21	6.12	2.52	2	13:38	2.52	2	13:39
J-844	JUNCTION	1.20	6.06	2.46	2	13:46	2.46	2	13:46
J-848	JUNCTION	1.19	6.04	2.44	2	11:48	2.44	3	01:47
J-850	JUNCTION	1.17	6.60	3.00	2	11:51	3.00	2	11:29
J-851	JUNCTION	1.17	6.29	2.69	2	11:51	2.69	2	11:51
J-856	JUNCTION	5.75	7.61	-1.39	2	12:21	-1.48	2	12:20
J-860	JUNCTION	0.43	2.22	-1.38	2	12:21	-1.40	2	12:21
J-863	JUNCTION	0.45	2.83	-0.77	2	12:19	-0.82	2	12:21
J-865	JUNCTION	0.47	3.74	0.14	2	12:17	0.09	2	12:15
J-868	JUNCTION	0.48	4.01	0.41	2	12:15	0.41	2	12:15
J-87	JUNCTION	2.78	8.49	4.43	2	17:04	4.43	2	17:05
J-870	JUNCTION	0.49	5.28	1.68	2	12:14	1.68	2	12:15
J-879	JUNCTION	3.23	7.06	3.50	3	04:31	3.50	2	08:01
J-88	JUNCTION	2.78	8.43	4.37	2	17:16	4.37	2	17:16
J-880	JUNCTION	3.83	6.28	2.22	2	12:45	2.22	2	12:46
J-881	JUNCTION	3.40	8.23	4.67	3	02:31	4.67	2	06:51
J-882	JUNCTION	3.44	5.84	2.28	2	12:41	2.28	2	12:41
J-883	JUNCTION	5.38	7.89	2.33	2	12:34	2.32	2	12:34
J-884	JUNCTION	3.35	6.00	2.44	2	21:06	2.35	2	23:20
J-888	JUNCTION	2.67	7.92	4.36	3	01:35	4.36	3	01:35
J-889	JUNCTION	2.66	7.93	4.37	3	01:35	4.37	3	01:35
J-891	JUNCTION	2.65	7.96	4.40	3	01:08	4.39	3	01:09
J-892	JUNCTION	2.65	7.96	4.40	3	01:08	4.40	3	01:08
J-894	JUNCTION	2.64	7.98	4.42	3	00:06	4.41	3	00:06
J-896	JUNCTION	2.64	8.03	4.47	3	00:05	4.47	3	00:05
J-899	JUNCTION	2.63	7.94	4.38	3	01:31	4.38	3	01:31
J-899A	JUNCTION	2.63	8.27	4.71	2	23:54	4.62	2	23:05
J-902	JUNCTION	3.88	9.58	5.12	2	12:42	4.10	3	01:04
J-903	JUNCTION	3.85	8.40	4.03	3	01:14	4.01	3	01:14
J-903A	JUNCTION	2.98	13.59	10.03	2	21:37	10.02	2	22:57
J-910	JUNCTION	3.26	7.56	4.00	2	12:15	4.00	2	12:16
J-912	JUNCTION	3.27	7.60	4.04	2	12:28	4.04	2	12:29
J-917	JUNCTION	2.75	9.50	6.00	2	11:13	6.00	1	09:23
J-918	JUNCTION	2.76	6.54	3.04	2	11:01	3.04	2	10:38
J-920	JUNCTION	2.85	8.00	4.00	0	20:28	1.48	1	21:21
J-934	JUNCTION	2.60	8.13	4.57	3	00:03	4.52	2	23:32
J-934A	JUNCTION	2.60	13.59	10.03	2	21:34	10.00	3	03:58
J-951	JUNCTION	2.30	8.18	4.62	2	12:36	4.62	2	12:46
J-953	JUNCTION	2.32	7.62	4.06	2	14:02	4.05	2	13:54
J-954	JUNCTION	2.63	7.03	3.47	2	09:37	3.46	2	11:41
J-958	JUNCTION	1.59	7.60	6.24	3	02:15	6.22	3	02:15
J-96	JUNCTION	2.73	8.41	4.35	2	17:17	4.35	2	17:17
J-963	JUNCTION	3.51	8.94	4.38	3	01:51	4.38	3	01:51
J-99	JUNCTION	2.34	7.92	4.36	2	17:26	4.36	2	17:27
JCT-24	JUNCTION	4.49	6.29	2.73	2	23:19	2.48	2	17:09
JCT-26	JUNCTION	4.19	8.74	2.80	2	12:25	2.80	2	12:25
JCT-26-WEIR	JUNCTION	1.10	8.29	2.80	2	12:25	2.80	2	12:25
JCT-28	JUNCTION	3.17	7.06	3.00	2	12:24	3.00	2	12:17
JCT-28-WEIR	JUNCTION	0.51	6.56	3.00	2	12:16	2.94	2	12:23
JCT-30	JUNCTION	3.53	8.94	4.38	3	01:50	4.38	3	01:50
JCT-32	JUNCTION	1.28	4.66	1.10	2	12:15	1.04	2	12:15
JCT-32-WEIR	JUNCTION	0.28	4.60	1.04	2	12:15	0.93	2	12:14
JCT-36	JUNCTION	3.68	5.05	1.49	2	12:15	1.49	2	12:15
JCT-46	JUNCTION	4.59	7.72	4.16	2	12:01	4.15	2	13:10

JCT-64	JUNCTION	3.72	8.28	4.28	3	00:36	4.27	3	00:36
J-171	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-263	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-279	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-33A	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-386	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-442	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-561A	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-567A	OUTFALL	0.00	0.00	-4.00	0	00:00	-4.00	0	00:00
J-582	OUTFALL	5.22	6.10	0.60	1	21:00	0.60	1	21:00
J-605	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-671	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-694	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-703	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-909	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-911	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-913	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-919	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-920A	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
J-963A	OUTFALL	2.29	3.16	0.60	1	21:00	0.60	1	21:00
J575A	OUTFALL	3.73	4.60	0.60	1	21:00	0.60	1	21:00
OFALL-10	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-12	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-14	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-16	OUTFALL	0.00	0.00	-1.50	0	00:00	-1.50	0	00:00
OFALL-18	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-20	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-22	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-24	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-26	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-28	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-30	OUTFALL	0.00	0.00	-2.00	0	00:00	-2.00	0	00:00
OFALL-32	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-34	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-36	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-38	OUTFALL	0.00	0.00	-2.56	0	00:00	-2.56	0	00:00
OFALL-40	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-42	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-44	OUTFALL	0.00	0.00	-2.50	0	00:00	-2.50	0	00:00
OFALL-46	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-48	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-50	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-52	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-54	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
OFALL-66	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
WELL-2E	OUTFALL	3.52	6.50	4.00	2	11:51	4.00	2	11:52
WELL-3	OUTFALL	1.61	2.79	1.29	2	12:15	1.29	2	12:15
WELL-4	OUTFALL	1.62	2.95	1.45	2	12:15	1.45	2	12:15
WELL-W-ENID-DR	OUTFALL	0.00	0.00	-1.00	0	00:00	-1.00	0	00:00
J-856-STORAGE-NEW	STORAGE	6.37	14.51	-1.49	2	12:22	-1.49	2	12:22

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error gal or %
J-102	JUNCTION	0.00	10.01	2	10:26	0	3.27	-3.803 %
J-104	JUNCTION	6.18	8.85	2	11:20	0.54	2.85	15.286 %
J-106	JUNCTION	0.00	11.66	2	11:12	0	1.36	8.919 %
J-109	JUNCTION	0.00	14.33	2	09:45	0	3.98	10.610 %
J-11	JUNCTION	0.00	11.30	2	11:58	0	3.39	8.424 %
J-110	JUNCTION	7.17	12.32	2	12:08	0.585	2.22	0.611 %
J-113	JUNCTION	0.00	11.36	2	11:58	0	3.53	8.455 %
J-114	JUNCTION	0.00	12.67	2	09:54	0	3.65	1.138 %
J-118	JUNCTION	0.00	15.28	2	11:58	0	3.92	0.539 %
J-12	JUNCTION	0.00	11.36	2	10:59	0	2.09	0.909 %
J-121	JUNCTION	6.98	8.08	2	08:57	0.547	0.921	10.580 %
J-126	JUNCTION	16.99	24.82	2	12:44	1.62	1.91	0.144 %
J-126A	JUNCTION	0.00	14.43	3	01:22	0	0.403	-8.846 %
J-127	JUNCTION	0.00	6.20	2	09:55	0	1.29	-0.032 %
J-128	JUNCTION	0.00	8.43	2	09:55	0	1.38	-0.173 %
J-129	JUNCTION	12.82	14.58	2	12:14	1.05	2.4	-1.220 %
J-130	JUNCTION	0.00	7.64	2	10:47	0	3.05	2.286 %
J-131	JUNCTION	0.00	8.13	3	04:35	0	2.59	1.830 %

J-132	JUNCTION	9.79	9.79	2	12:14	0.817	1.81	0.921 %
J-137	JUNCTION	0.00	3.86	2	08:31	0	1.06	8.371 %
J-139	JUNCTION	0.00	5.17	2	11:18	0	1.91	4.275 %
J-140	JUNCTION	0.00	4.94	2	11:13	0	1.93	3.088 %
J-147	JUNCTION	11.67	11.94	2	12:14	0.986	2.2	-1.645 %
J-148	JUNCTION	0.00	6.97	2	11:24	0	1.71	3.175 %
J-149	JUNCTION	0.00	5.85	2	06:53	0	0.296	5.941 %
J-15	JUNCTION	1.91	18.10	2	11:40	0.138	2	1.813 %
J-152	JUNCTION	10.02	10.02	2	12:14	0.842	1.65	-2.172 %
J-153	JUNCTION	0.00	5.04	2	07:36	0	0.947	5.148 %
J-155	JUNCTION	0.00	5.25	2	09:46	0	0.956	8.204 %
J-156	JUNCTION	0.00	3.93	2	07:22	0	0.991	9.891 %
J-158	JUNCTION	17.17	22.69	2	10:14	1.77	3.66	0.103 %
J-158A	JUNCTION	0.00	19.80	2	10:14	0	1.83	7.521 %
J-15A	JUNCTION	0.00	10.17	2	11:42	0	0.396	3.399 %
J-160	JUNCTION	0.00	9.75	2	10:32	0	1.75	2.317 %
J-161	JUNCTION	4.58	7.32	3	01:50	0.385	2.87	-0.696 %
J-162	JUNCTION	0.00	7.96	3	01:48	0	2.89	1.255 %
J-163	JUNCTION	2.91	10.07	3	01:56	0.234	3.09	1.493 %
J-164	JUNCTION	0.00	7.25	3	02:55	0	3.02	1.745 %
J-165	JUNCTION	2.53	7.27	3	04:40	0.2	3.19	1.354 %
J-166	JUNCTION	4.94	9.72	2	12:14	0.42	3.59	-0.088 %
J-167	JUNCTION	0.00	13.00	2	12:15	0	3.94	1.226 %
J-168	JUNCTION	0.00	5.81	2	08:36	0	0.839	6.388 %
J-169	JUNCTION	3.17	5.00	2	08:41	0.24	0.839	6.218 %
J-170	JUNCTION	2.85	3.54	2	10:49	0.212	0.436	9.912 %
J-174	JUNCTION	0.00	5.78	2	09:20	0	0.607	19.424 %
J-175	JUNCTION	0.00	2.72	2	08:52	0	0.24	28.426 %
J-176	JUNCTION	0.00	10.10	2	07:48	0	1.66	0.801 %
J-179	JUNCTION	0.00	12.17	2	07:07	0	2.94	-5.461 %
J-18	JUNCTION	6.24	28.24	2	11:38	0.502	2.12	1.273 %
J-180	JUNCTION	5.45	16.29	2	11:31	0.43	1.24	0.568 %
J-180A	JUNCTION	0.00	37.00	2	22:53	0	0.667	-16.134 %
J-185	JUNCTION	9.93	18.00	2	11:41	0.845	1.97	0.907 %
J-185A	JUNCTION	0.00	21.10	2	21:13	0	0.706	-29.642 %
J-188	JUNCTION	10.18	15.50	2	09:50	0.836	1.45	1.651 %
J-188A	JUNCTION	0.00	13.37	2	09:50	0	0.532	-10.828 %
J-191	JUNCTION	7.24	54.64	2	12:44	0.569	2.21	0.466 %
J-191A	JUNCTION	0.00	47.46	2	12:44	0	1.77	-10.309 %
J-195	JUNCTION	0.00	16.30	2	09:29	0	2.06	0.570 %
J-195A	JUNCTION	0.00	15.77	2	09:29	0	1.66	4.440 %
J-198	JUNCTION	12.87	12.87	2	12:14	1.17	1.89	5.847 %
J-199	JUNCTION	0.00	6.70	2	02:57	0	1.58	7.065 %
J-19A	JUNCTION	0.00	23.94	2	11:38	0	0.498	-10.394 %
J-203	JUNCTION	4.81	8.14	2	04:22	0.407	1.8	-3.435 %
J-204	JUNCTION	0.00	7.84	1	06:52	0	1.56	1.753 %
J-206	JUNCTION	0.00	6.71	2	05:13	0	1.67	6.454 %
J-208	JUNCTION	4.02	7.69	2	08:36	0.334	2.67	-1.925 %
J-209	JUNCTION	7.11	7.11	2	12:14	0.634	1.57	14.206 %
J-212	JUNCTION	0.00	5.50	2	08:53	0	1.23	10.905 %
J-213	JUNCTION	5.30	11.76	2	09:54	0.454	2.24	0.441 %
J-213A	JUNCTION	0.00	14.56	3	01:23	0	1.68	21.211 %
J-217	JUNCTION	8.07	8.23	2	12:14	0.644	1.37	-15.251 %
J-218	JUNCTION	0.00	10.42	2	08:10	0	1.79	-2.588 %
J-222	JUNCTION	0.00	24.85	1	08:50	0	2.5	-2.647 %
J-223	JUNCTION	7.45	41.96	1	08:49	0.619	4.56	0.082 %
J-223A	JUNCTION	0.00	40.08	1	11:57	0	2.02	3.172 %
J-225	JUNCTION	0.00	5.07	2	06:32	0	1.24	7.872 %
J-226	JUNCTION	4.71	5.04	1	21:52	0.344	1.43	5.008 %
J-232	JUNCTION	0.00	4.45	2	09:11	0	1.27	11.298 %
J-233	JUNCTION	5.97	6.76	2	12:14	0.461	1.66	4.549 %
J-235	JUNCTION	0.00	9.90	2	06:39	0	3.63	3.298 %
J-238	JUNCTION	5.65	15.25	2	08:57	0.437	3.65	18.898 %
J-24	JUNCTION	0.00	4.97	2	11:42	0	0.938	5.734 %
J-242	JUNCTION	4.01	7.72	2	05:32	0.332	0.906	18.135 %
J-244	JUNCTION	4.11	4.98	0	18:29	0.342	0.729	1.584 %
J-247	JUNCTION	7.28	8.03	2	12:14	0.57	1.57	3.034 %
J-248	JUNCTION	0.00	16.10	0	23:02	0	1.85	4.629 %
J-249	JUNCTION	9.92	17.69	1	21:36	0.801	4.73	2.389 %
J-25	JUNCTION	8.31	24.62	2	11:36	0.759	2.52	0.356 %
J-253	JUNCTION	7.03	7.03	2	12:14	0.537	0.926	-4.421 %
J-254	JUNCTION	0.00	6.06	1	01:31	0	1.46	7.429 %
J-256	JUNCTION	9.91	10.38	2	12:14	0.794	1.95	-11.878 %
J-259	JUNCTION	0.00	5.27	2	07:21	0	1.93	5.312 %
J-25A	JUNCTION	0.00	16.72	2	11:36	0	0.647	-5.914 %
J-260	JUNCTION	0.00	7.86	2	23:31	0	1.74	-0.716 %
J-261	JUNCTION	0.00	53.34	3	00:33	0	3.48	-0.481 %
J-261-WEIR	JUNCTION	0.00	56.40	2	11:52	0	2.69	-9.416 %
J-262	JUNCTION	0.00	8.92	3	01:04	0	2.86	-0.069 %
J-266	JUNCTION	6.40	8.07	2	03:32	0.495	3.02	-2.854 %

J-267	JUNCTION	6.28	9.56	2	07:53	0.551	3.04	0.992 %
J-268	JUNCTION	0.00	31.30	3	03:36	0	5.87	10.427 %
J-268-WEIR	JUNCTION	0.00	28.64	3	01:19	0	0.332	-66.554 %
J-269	JUNCTION	0.00	10.28	1	18:28	0	3.59	4.737 %
J-27	JUNCTION	6.56	25.56	2	11:41	0.578	1.78	0.627 %
J-271	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J-275	JUNCTION	0.00	37.08	2	01:43	0	5.51	0.561 %
J-278	JUNCTION	0.00	7.71	3	03:57	0	4.75	1.561 %
J-27A	JUNCTION	0.00	22.06	2	11:41	0	0.68	7.430 %
J-280	JUNCTION	0.00	7.44	3	03:30	0	4.93	3.075 %
J-281	JUNCTION	0.00	7.04	3	02:40	0	5	1.926 %
J-282	JUNCTION	7.03	10.30	2	12:14	0.598	5.02	-1.586 %
J-283	JUNCTION	0.00	17.00	2	21:34	0	4.84	1.779 %
J-284	JUNCTION	0.00	160.25	2	22:56	0	11.5	-8.446 %
J-284-WEIR	JUNCTION	0.00	125.43	3	00:39	0	0.975	-57.702 %
J-285	JUNCTION	0.00	38.40	1	21:49	0	9.54	-2.556 %
J-286	JUNCTION	0.00	25.97	2	07:24	0	5.77	-4.908 %
J-288	JUNCTION	4.05	53.80	2	21:35	0.337	10.2	0.604 %
J-288A	JUNCTION	0.00	30.90	1	14:06	0	2.75	-3.518 %
J-290	JUNCTION	13.00	22.48	2	10:13	1.14	3.42	0.779 %
J-290A	JUNCTION	0.00	20.70	2	10:15	0	1.85	0.000 %
J-293	JUNCTION	0.00	8.12	2	07:32	0	2.07	4.947 %
J-295	JUNCTION	0.00	8.06	1	11:31	0	1.99	1.490 %
J-296	JUNCTION	2.46	6.89	2	05:32	0.194	2.11	2.507 %
J-297	JUNCTION	0.00	23.54	2	03:40	0	2.32	1.953 %
J-30	JUNCTION	0.00	2.81	2	08:11	0	0.897	10.588 %
J-300	JUNCTION	2.48	22.36	2	03:25	0.196	5.5	-4.027 %
J-301	JUNCTION	0.00	17.76	1	06:13	0	5.17	-0.753 %
J-304	JUNCTION	0.00	11.96	2	07:43	0	3.15	-0.692 %
J-305	JUNCTION	6.69	21.72	2	07:41	0.535	3.13	-0.167 %
J-31	JUNCTION	6.89	19.27	2	11:38	0.589	2.36	0.386 %
J-310	JUNCTION	6.44	9.30	2	07:42	0.508	2.66	0.191 %
J-312	JUNCTION	0.00	9.28	2	11:40	0	3.7	1.061 %
J-314	JUNCTION	6.26	17.28	2	11:47	0.521	1.48	0.181 %
J-314A	JUNCTION	0.00	15.36	2	11:47	0	0.641	-20.348 %
J-317	JUNCTION	5.36	7.19	2	12:14	0.46	2.09	1.636 %
J-31A	JUNCTION	0.00	16.60	2	11:38	0	0.873	-24.225 %
J-321	JUNCTION	5.18	6.10	2	11:40	0.415	1.24	0.321 %
J-321A	JUNCTION	0.00	13.13	3	01:23	0	0.672	-5.430 %
J-323	JUNCTION	0.00	4.06	2	07:48	0	0.835	3.021 %
J-324	JUNCTION	7.89	12.36	2	11:42	0.656	1.53	0.228 %
J-324A	JUNCTION	0.00	10.86	3	00:04	0	0.895	2.133 %
J-327	JUNCTION	0.00	4.63	2	11:01	0	0.645	10.678 %
J-328	JUNCTION	5.30	37.04	2	11:41	0.466	1.03	0.974 %
J-328A	JUNCTION	0.00	34.53	2	11:41	0	0.757	29.501 %
J-33	JUNCTION	0.00	5.54	2	11:59	0	2.35	5.497 %
J-333	JUNCTION	0.00	3.26	2	08:32	0	1.18	11.419 %
J-334	JUNCTION	0.00	4.82	2	09:29	0	1.5	6.304 %
J-335	JUNCTION	0.00	4.22	2	09:31	0	1.44	10.743 %
J-341	JUNCTION	14.35	18.86	2	10:02	1.25	2.73	0.321 %
J-341A	JUNCTION	0.00	17.28	2	10:00	0	2.02	-3.154 %
J-342	JUNCTION	14.75	17.96	2	12:14	1.19	3.91	-0.288 %
J-343	JUNCTION	0.00	7.35	2	02:37	0	1.8	7.606 %
J-348	JUNCTION	0.00	4.51	2	11:04	0	1.35	9.191 %
J-351	JUNCTION	7.63	15.59	2	10:39	0.655	2.23	0.364 %
J-351A	JUNCTION	0.00	11.74	2	10:06	0	1.85	0.078 %
J-354	JUNCTION	7.36	34.25	2	12:43	0.654	1.97	1.055 %
J-354A	JUNCTION	0.00	93.86	2	12:44	0	1.99	1.198 %
J-354B	JUNCTION	0.00	90.51	2	12:44	0	1.9	-8.596 %
J-355	JUNCTION	9.30	22.12	2	11:30	0.679	1.64	-18.663 %
J-355A	JUNCTION	0.00	17.84	2	23:54	0	0.714	-25.533 %
J-359	JUNCTION	0.00	16.52	2	22:13	0	1.3	0.128 %
J-36	JUNCTION	0.00	3.31	2	11:54	0	1.6	9.503 %
J-362	JUNCTION	0.00	5.48	2	11:02	0	2.52	1.503 %
J-363	JUNCTION	6.31	7.46	2	12:15	0.601	2.89	-0.486 %
J-364	JUNCTION	0.00	8.85	2	11:21	0	2.5	0.144 %
J-367	JUNCTION	0.00	8.44	2	08:00	0	2.15	10.349 %
J-368	JUNCTION	10.85	11.33	2	10:54	1.03	2.52	1.011 %
J-369	JUNCTION	0.00	9.43	2	11:02	0	1.67	5.871 %
J-374	JUNCTION	0.00	7.79	2	11:28	0	2.54	0.270 %
J-375	JUNCTION	0.00	26.14	2	10:42	0	1.79	2.365 %
J-380	JUNCTION	6.70	18.98	2	11:37	0.61	3.48	-0.047 %
J-380A	JUNCTION	0.00	28.98	2	11:37	0	0.534	-0.013 %
J-381	JUNCTION	0.00	13.21	2	11:37	0	3.06	-0.919 %
J-384	JUNCTION	10.57	35.07	2	11:12	0.954	4.27	0.479 %
J-385	JUNCTION	0.00	14.35	2	09:20	0	2.74	1.933 %
J-388	JUNCTION	5.84	20.93	2	09:51	0.481	3.24	14.409 %
J-389	JUNCTION	0.00	12.86	2	09:42	0	1.71	6.240 %
J-393	JUNCTION	0.00	7.67	2	10:00	0	1.32	20.132 %
J-396	JUNCTION	8.53	8.53	2	12:14	0.778	1.51	8.857 %

J-399	JUNCTION	0.00	4.82	2	10:23	0	1.15	18.429	%
J-40	JUNCTION	6.41	43.91	2	11:41	0.563	3.04	0.736	%
J-402	JUNCTION	10.68	19.24	2	10:47	0.978	1.59	0.520	%
J-402A	JUNCTION	0.00	16.98	2	10:47	0	0.765	0.554	%
J-405	JUNCTION	0.00	5.45	2	10:07	0	0.949	16.797	%
J-407	JUNCTION	0.00	6.36	2	10:29	0	0.967	18.162	%
J-409	JUNCTION	0.00	6.91	2	10:59	0	0.99	10.537	%
J-40A	JUNCTION	0.00	13.01	2	11:41	0	0.728	-3.517	%
J-40B	JUNCTION	0.00	13.01	2	11:41	0	1.16	24.647	%
J-40C	JUNCTION	0.00	16.74	3	01:23	0	0.906	-8.214	%
J-410	JUNCTION	6.73	6.73	2	12:14	0.571	1.57	11.319	%
J-412	JUNCTION	0.00	6.77	2	10:26	0	2.78	5.362	%
J-414	JUNCTION	0.00	7.58	2	10:50	0	1.46	6.834	%
J-415	JUNCTION	8.04	28.98	2	10:36	0.683	2.68	0.382	%
J-415A	JUNCTION	0.00	13.37	2	11:13	0	1.19	-9.170	%
J-415B	JUNCTION	0.00	13.36	2	11:13	0	0.908	9.874	%
J-416	JUNCTION	0.00	8.34	2	10:06	0	1.39	6.492	%
J-417	JUNCTION	0.00	19.75	2	10:04	0	4.08	-1.508	%
J-42	JUNCTION	4.96	28.24	2	08:16	0.395	2.37	-0.118	%
J-421	JUNCTION	10.49	12.62	2	10:24	1.01	2.48	0.862	%
J-422	JUNCTION	5.00	23.92	2	10:40	0.44	1.22	1.030	%
J-422A	JUNCTION	0.00	21.68	2	10:40	0	0.977	-2.756	%
J-423	JUNCTION	16.73	31.42	2	10:32	1.47	9.12	-0.505	%
J-423A	JUNCTION	0.00	19.54	2	11:42	0	4.17	-2.590	%
J-424	JUNCTION	0.00	4.75	2	10:58	0	1.45	8.370	%
J-427	JUNCTION	0.00	4.57	2	08:26	0	1.48	8.507	%
J-42A	JUNCTION	0.00	20.50	2	08:15	0	0.986	-2.323	%
J-430	JUNCTION	10.71	20.80	2	09:37	0.928	2.54	0.053	%
J-430A	JUNCTION	0.00	21.02	2	09:37	0	1.24	-12.418	%
J-431	JUNCTION	8.72	47.94	2	11:30	0.78	4.69	0.223	%
J-431A	JUNCTION	0.00	22.05	2	11:31	0	1.8	11.243	%
J-432	JUNCTION	0.00	11.09	2	09:06	0	1.75	15.165	%
J-432B	JUNCTION	0.00	20.15	2	11:31	0	1.78	-4.001	%
J-433	JUNCTION	0.00	8.86	2	08:13	0	1.57	13.791	%
J-434	JUNCTION	0.00	9.75	0	14:46	0	1.62	8.414	%
J-435	JUNCTION	0.00	8.49	0	13:44	0	1.63	11.562	%
J-436	JUNCTION	0.00	9.83	1	21:57	0	1.73	5.572	%
J-437	JUNCTION	8.82	10.24	2	11:59	0.812	2.28	-2.529	%
J-438	JUNCTION	7.30	8.57	2	12:14	0.606	1.13	-16.778	%
J-439	JUNCTION	0.00	7.83	1	11:47	0	2.45	9.397	%
J-440	JUNCTION	8.00	32.22	3	05:37	0.769	8.94	0.221	%
J-441	JUNCTION	0.00	20.41	3	05:36	0	1.85	-4.118	%
J-444	JUNCTION	0.00	85.91	2	13:49	0	6.9	0.034	%
J-444-WEIR	JUNCTION	0.00	88.97	2	13:53	0	4.89	-12.318	%
J-445	JUNCTION	2.37	40.91	2	13:45	0.174	7.17	0.457	%
J-448	JUNCTION	0.00	10.98	2	08:34	0	2.93	1.344	%
J-450	JUNCTION	0.00	20.64	2	11:41	0	7.33	1.567	%
J-454	JUNCTION	0.00	9.43	2	11:43	0	2.93	0.939	%
J-455	JUNCTION	0.00	13.99	2	07:13	0	2.97	0.420	%
J-459	JUNCTION	12.24	26.11	2	12:17	1.22	7.84	0.256	%
J-459A	JUNCTION	0.00	20.89	2	07:27	0	4.06	0.000	%
J-460-NEW	JUNCTION	0.00	31.51	2	07:03	0	6.45	0.286	%
J-463	JUNCTION	0.00	31.42	2	07:07	0	6.7	0.225	%
J-466	JUNCTION	0.00	129.45	2	08:40	0	10.9	-1.122	%
J-468	JUNCTION	0.00	18.14	1	12:48	0	1.6	4.121	%
J-47	JUNCTION	2.04	13.01	3	05:21	0.366	4.15	9.952	%
J-470	JUNCTION	1.50	51.74	2	08:22	0.327	9.22	-1.329	%
J-471	JUNCTION	0.00	115.31	3	02:15	0	9.78	-4.215	%
J-478	JUNCTION	0.00	72.81	2	11:11	0	12.8	-5.763	%
J-479	JUNCTION	1.32	65.93	2	10:12	0.275	12	-1.823	%
J-480	JUNCTION	1.79	46.58	2	09:45	0.31	10	-9.848	%
J-481	JUNCTION	5.96	32.47	2	09:45	0.447	8.89	-7.439	%
J-482	JUNCTION	3.95	27.06	1	20:24	0.385	8.62	-5.687	%
J-484	JUNCTION	0.00	15.59	1	20:25	0	0.781	2.128	%
J-485	JUNCTION	0.00	17.28	2	10:37	0	1.33	12.226	%
J-486	JUNCTION	0.00	30.91	2	07:07	0	9.14	0.655	%
J-487	JUNCTION	4.58	22.23	2	09:46	0.417	8.39	-0.609	%
J-489	JUNCTION	6.20	19.57	2	09:46	0.542	8.03	-2.044	%
J-491	JUNCTION	0.00	15.71	2	07:26	0	7.67	1.112	%
J-492	JUNCTION	0.00	11.82	3	01:57	0	7.61	2.320	%
J-493	JUNCTION	1.48	18.35	2	09:58	0.291	10.3	4.510	%
J-495	JUNCTION	0.00	20.05	2	09:01	0	7.38	6.124	%
J-497	JUNCTION	3.00	7.96	2	11:29	0.329	2.44	5.716	%
J-498	JUNCTION	7.48	20.32	2	10:57	0.821	1.22	0.044	%
J-498A	JUNCTION	0.00	19.66	2	11:01	0	0.338	0.883	%
J-499	JUNCTION	0.00	9.51	2	08:27	0	0.903	1.041	%
J-5	JUNCTION	15.10	28.25	2	06:59	1.25	6.36	-1.286	%
J-50	JUNCTION	0.00	9.71	2	11:31	0	3.17	12.525	%
J-500	JUNCTION	0.00	10.22	2	10:08	0	0.912	2.773	%
J-505	JUNCTION	0.00	11.47	2	11:54	0	0.942	4.488	%

J-508	JUNCTION	11.32	14.24	2	11:56	1.25	2.06	1.973 %
J-51	JUNCTION	0.00	27.56	3	05:30	0	4.12	8.642 %
J-512	JUNCTION	2.51	13.26	2	11:29	0.278	2.1	2.809 %
J-518	JUNCTION	2.67	10.77	2	11:29	0.294	2.29	1.533 %
J-53	JUNCTION	0.00	3.36	2	08:56	0	0.0771	-2.619 %
J-534	JUNCTION	6.12	9.12	2	12:14	0.677	2.8	-0.085 %
J-537	JUNCTION	0.00	7.52	2	06:52	0	2.17	0.209 %
J-539	JUNCTION	2.63	38.44	2	12:19	0.298	3.02	0.178 %
J-539-WEIR	JUNCTION	0.00	96.22	2	09:06	0	1.8	-1.758 %
J-539A	JUNCTION	0.00	87.84	2	08:33	0	2.3	0.000 %
J-54	JUNCTION	8.29	18.64	2	12:03	0.763	1.44	2.250 %
J-541	JUNCTION	6.47	9.67	2	12:14	0.546	0.765	-0.265 %
J-544	JUNCTION	2.11	7.94	2	10:50	0.398	3.02	15.184 %
J-548	JUNCTION	0.00	33.13	2	13:15	0	3.79	-3.844 %
J-54A	JUNCTION	0.00	15.17	3	00:04	0	0.494	24.784 %
J-54B	JUNCTION	0.00	8.59	2	10:44	0	0.471	9.416 %
J-550	JUNCTION	1.31	23.53	2	11:51	0.241	3.86	-12.599 %
J-553	JUNCTION	0.00	30.95	0	23:50	0	5.06	13.942 %
J-554	JUNCTION	0.00	45.32	1	06:22	0	20.9	0.835 %
J-555	JUNCTION	6.21	38.01	2	09:18	0.701	19.5	-2.806 %
J-557	JUNCTION	4.96	13.78	2	12:14	0.422	14.9	-0.254 %
J-558	JUNCTION	0.00	15.56	2	10:26	0	14.9	-0.102 %
J-559	JUNCTION	3.19	32.50	1	09:14	0.258	18.6	0.233 %
J-560	JUNCTION	0.00	30.25	1	10:04	0	18.3	-0.074 %
J-561	JUNCTION	0.00	27.89	2	12:15	0	18.5	0.050 %
J-563	JUNCTION	7.78	34.47	2	11:33	0.634	3.21	1.118 %
J-563A	JUNCTION	0.00	29.83	2	11:34	0	2.37	0.000 %
J-565	JUNCTION	0.00	14.50	2	07:38	0	4.89	14.153 %
J-566	JUNCTION	0.00	222.03	2	13:06	0	6.31	-9.159 %
J-566-WEIR	JUNCTION	0.00	212.67	2	17:58	0	2.46	-59.929 %
J-567	JUNCTION	0.00	8.70	2	11:57	0	1.62	0.692 %
J-568	JUNCTION	0.00	26.53	2	12:19	0	1.68	0.757 %
J-569	JUNCTION	0.00	25.45	2	18:04	0	1.86	0.244 %
J-570	JUNCTION	0.00	30.67	2	12:17	0	2.17	0.182 %
J-571	JUNCTION	18.42	32.69	2	11:39	1.74	6.64	0.139 %
J-571A	JUNCTION	0.00	19.19	2	23:54	0	2.01	-0.983 %
J-571B	JUNCTION	0.00	26.48	2	23:52	0	1.42	6.783 %
J-572A	JUNCTION	0.00	19.55	2	12:15	0	0.442	-0.764 %
J-572B	JUNCTION	0.00	20.84	2	12:15	0	0.176	0.000 %
J-575	JUNCTION	0.00	54.79	0	00:00	0	1.63	0.353 %
J-576	JUNCTION	0.00	4.33	2	12:24	0	0.969	5.564 %
J-577	JUNCTION	0.00	7.60	2	09:03	0	1.59	-0.655 %
J-578	JUNCTION	0.00	5.56	2	09:36	0	1.62	12.007 %
J-58	JUNCTION	4.89	16.65	2	10:06	0.428	1.19	1.333 %
J-581	JUNCTION	0.00	4.14	2	09:51	0	1.7	0.000 %
J-585	JUNCTION	13.51	27.12	2	08:07	1.14	2.41	0.109 %
J-585B	JUNCTION	0.00	25.05	2	08:07	0	1.33	-0.007 %
J-588	JUNCTION	0.00	5.54	3	01:38	0	1.25	23.421 %
J-58A	JUNCTION	0.00	15.36	2	10:00	0	0.389	9.839 %
J-59	JUNCTION	7.54	24.69	2	09:31	0.627	1.48	2.490 %
J-591	JUNCTION	10.14	32.62	2	10:08	0.816	2.41	0.446 %
J-591A	JUNCTION	0.00	9.82	2	10:45	0	0.276	1.278 %
J-591B	JUNCTION	0.00	9.82	2	10:45	0	0.155	2.275 %
J-596	JUNCTION	0.00	2.89	3	01:37	0	0.429	28.350 %
J-596A	JUNCTION	0.00	21.89	2	10:58	0	0.898	-0.200 %
J-598	JUNCTION	13.81	21.35	2	11:42	1.1	2.11	0.416 %
J-598A	JUNCTION	0.00	15.34	2	09:01	0	0.649	-0.143 %
J-598B	JUNCTION	0.00	7.18	2	11:43	0	0.468	0.425 %
J-59A	JUNCTION	0.00	12.13	2	22:24	0	0.603	85.004 %
J-59B	JUNCTION	0.00	14.97	2	10:28	0	0.458	-1.750 %
J-5A	JUNCTION	0.00	25.80	2	09:21	0	3.26	4.312 %
J-6	JUNCTION	0.00	12.19	2	08:18	0	2.2	8.337 %
J-60	JUNCTION	0.00	5.46	2	09:51	0	0.634	1.125 %
J-601	JUNCTION	0.00	5.72	2	10:24	0	1.32	6.793 %
J-602	JUNCTION	0.00	7.02	2	09:03	0	1.42	5.809 %
J-603	JUNCTION	0.00	8.16	2	12:24	0	2.21	-1.964 %
J-604	JUNCTION	0.00	6.88	2	12:23	0	1.55	-0.023 %
J-606	JUNCTION	5.81	10.59	2	11:36	0.504	2.55	4.765 %
J-607	JUNCTION	0.00	6.96	2	09:02	0	2.31	9.882 %
J-609	JUNCTION	0.00	9.14	2	11:19	0	2.49	4.956 %
J-61	JUNCTION	4.75	14.39	2	12:24	0.378	2.26	1.608 %
J-611	JUNCTION	15.26	30.78	2	11:36	1.55	2.82	0.014 %
J-611A	JUNCTION	0.00	13.50	2	11:39	0	0.655	0.178 %
J-611B	JUNCTION	0.00	13.50	2	11:39	0	0.863	0.135 %
J-613	JUNCTION	0.00	4.15	2	11:43	0	1.4	8.267 %
J-615	JUNCTION	0.00	4.81	2	09:44	0	1.32	8.906 %
J-618	JUNCTION	4.71	4.71	2	12:14	0.398	0.864	20.172 %
J-61A	JUNCTION	0.00	47.61	2	10:41	0	2.05	2.162 %
J-623	JUNCTION	0.00	11.58	2	11:45	0	0.86	20.555 %
J-624	JUNCTION	8.51	27.20	2	11:52	0.78	2.72	0.374 %

J-624A	JUNCTION	0.00	20.47	2	11:31	0	1.25	-3.774 %
J-626	JUNCTION	0.00	8.55	2	08:34	0	2.07	6.374 %
J-629	JUNCTION	8.54	9.58	2	12:14	0.703	1.48	-2.674 %
J-63	JUNCTION	11.42	11.42	2	12:14	1.03	1.74	-0.852 %
J-632	JUNCTION	3.96	3.96	2	12:14	0.328	0.823	20.035 %
J-633	JUNCTION	7.20	14.60	2	10:57	0.603	2.02	6.749 %
J-637	JUNCTION	2.12	11.45	2	08:01	0.165	1.3	6.070 %
J-64	JUNCTION	0.00	7.93	2	08:01	0	1.05	6.380 %
J-640	JUNCTION	5.51	5.82	2	12:13	0.475	1.31	13.626 %
J-647	JUNCTION	4.39	39.02	3	03:36	0.392	4.02	0.803 %
J-647A	JUNCTION	0.00	18.29	2	12:25	0	1.4	-13.614 %
J-647B	JUNCTION	0.00	44.71	2	10:46	0	2.33	-0.698 %
J-650	JUNCTION	0.00	16.08	2	09:19	0	3.39	2.137 %
J-653	JUNCTION	8.47	25.68	2	11:35	0.776	1.46	0.708 %
J-653A	JUNCTION	0.00	24.05	2	11:36	0	0.701	0.000 %
J-654	JUNCTION	9.47	27.23	2	11:33	0.767	1.5	1.333 %
J-654A	JUNCTION	0.00	24.76	2	11:33	0	0.779	0.000 %
J-657	JUNCTION	4.52	12.03	2	10:29	0.341	1.83	4.678 %
J-659	JUNCTION	2.59	15.78	2	08:49	0.184	2.41	1.310 %
J-663	JUNCTION	17.99	21.46	2	12:14	1.63	4.15	3.820 %
J-665	JUNCTION	6.65	14.14	2	09:25	0.54	4.03	1.392 %
J-666	JUNCTION	0.00	19.35	2	11:05	0	4.58	9.072 %
J-67	JUNCTION	5.93	10.30	2	11:16	0.454	3.47	-1.602 %
J-670	JUNCTION	0.00	15.56	2	06:59	0	2.06	13.834 %
J-672	JUNCTION	7.99	8.38	3	02:36	0.725	4.06	0.028 %
J-673	JUNCTION	0.00	69.29	2	11:34	0	4.48	3.942 %
J-673A	JUNCTION	0.00	17.06	2	20:08	0	1.76	-6.927 %
J-678	JUNCTION	11.31	12.82	2	08:19	0.988	2.79	10.218 %
J-67A	JUNCTION	0.00	7.15	2	10:50	0	2.12	5.478 %
J-682	JUNCTION	5.47	6.63	2	12:14	0.471	0.494	0.219 %
J-684	JUNCTION	4.03	4.03	2	12:14	0.334	0.828	0.131 %
J-686	JUNCTION	0.00	3.34	2	11:29	0	0.804	0.234 %
J-687	JUNCTION	4.85	5.77	2	12:14	0.421	1.22	0.138 %
J-691	JUNCTION	0.00	5.40	2	12:16	0	1.22	0.034 %
J-692	JUNCTION	0.00	6.17	2	11:32	0	1.22	0.012 %
J-692-WEIR	JUNCTION	0.00	4.03	2	12:20	0	0.331	0.076 %
J-693	JUNCTION	0.00	8.25	0	00:00	0	0.332	0.107 %
J-697	JUNCTION	0.00	3.76	2	10:36	0	0.472	2.277 %
J-7	JUNCTION	0.00	13.01	2	07:55	0	2.15	15.621 %
J-700	JUNCTION	7.61	7.61	2	12:14	0.686	1.08	0.056 %
J-701	JUNCTION	0.00	10.57	2	12:14	0	1.85	0.597 %
J-702	JUNCTION	0.00	10.58	2	12:15	0	1.83	0.315 %
J-705	JUNCTION	0.00	6.27	2	13:02	0	0.84	0.793 %
J-707	JUNCTION	0.00	6.27	2	13:02	0	0.844	0.556 %
J-710	JUNCTION	9.03	9.03	2	12:14	0.835	0.837	-0.436 %
J-712	JUNCTION	6.16	6.16	2	12:14	0.675	0.819	-15.511 %
J-714	JUNCTION	7.19	7.75	2	12:14	0.789	1.97	-1.802 %
J-719	JUNCTION	4.41	6.00	2	11:53	0.483	2.55	-3.071 %
J-72	JUNCTION	0.00	7.51	2	09:49	0	3.34	2.723 %
J-721	JUNCTION	0.00	7.64	2	08:17	0	3.12	0.539 %
J-725	JUNCTION	0.00	15.64	2	07:54	0	1.71	-11.925 %
J-728	JUNCTION	5.68	12.91	2	07:19	0.622	2.72	-6.619 %
J-73	JUNCTION	0.00	6.17	2	04:49	0	1.47	9.623 %
J-734	JUNCTION	3.76	40.20	0	19:22	0.413	8.19	-3.703 %
J-734A	JUNCTION	0.00	25.72	1	17:30	0	2.31	2.208 %
J-734B	JUNCTION	0.00	25.72	1	17:30	0	1.97	-0.493 %
J-735	JUNCTION	0.00	33.06	2	11:52	0	4.9	-4.839 %
J-736	JUNCTION	0.00	26.20	0	22:49	0	3.36	-4.471 %
J-74	JUNCTION	7.04	8.42	2	12:14	0.583	1.63	3.080 %
J-740	JUNCTION	0.00	3.81	2	09:50	0	1.35	12.924 %
J-741	JUNCTION	0.00	7.80	2	09:04	0	1.81	22.517 %
J-744	JUNCTION	0.00	10.73	2	09:05	0	2.39	15.840 %
J-745	JUNCTION	0.00	16.71	2	12:44	0	4.01	0.325 %
J-745A	JUNCTION	0.00	21.35	2	12:44	0	1.84	-10.140 %
J-748	JUNCTION	0.00	47.79	2	09:39	0	5.76	2.833 %
J-748-WEIR-STANTEC	JUNCTION	0.00	47.93	2	10:58	0	2.15	-6.932 %
J-748A	JUNCTION	0.00	13.67	2	11:47	0	2.73	-2.743 %
J-749	JUNCTION	0.00	6.89	2	08:21	0	2.79	15.636 %
J-750	JUNCTION	3.54	26.87	2	11:25	0.301	5.7	0.307 %
J-750A	JUNCTION	0.00	18.10	2	11:32	0	1.65	-4.354 %
J-751	JUNCTION	0.00	12.58	2	10:46	0	1.96	4.319 %
J-752	JUNCTION	0.00	75.35	2	09:35	0	3.37	14.428 %
J-753	JUNCTION	0.00	6.11	2	10:54	0	1.73	-0.057 %
J-754	JUNCTION	4.80	135.19	2	22:17	0.422	7.47	-0.011 %
J-754-WEIR-STANTEC	JUNCTION	0.00	71.40	2	11:45	0	2.71	-11.988 %
J-754A	JUNCTION	0.00	155.65	2	21:23	0	7.29	-9.574 %
J-755	JUNCTION	0.00	9.97	2	10:01	0	1.14	7.803 %
J-757	JUNCTION	7.83	28.97	2	10:59	0.643	2.77	0.515 %
J-760	JUNCTION	0.00	13.39	2	09:04	0	1	4.248 %
J-761	JUNCTION	0.00	16.22	2	09:46	0	3.41	16.775 %

J-763	JUNCTION	9.61	21.10	2	11:07	0.917	9.76	11.721 %
J-764	JUNCTION	0.00	10.98	2	09:55	0	2.86	10.460 %
J-766	JUNCTION	3.64	17.45	2	11:52	0.399	1.37	-0.898 %
J-766A	JUNCTION	0.00	16.18	2	11:52	0	0.716	-7.434 %
J-768	JUNCTION	0.00	4.68	1	06:47	0	1.27	-2.570 %
J-769	JUNCTION	0.00	3.90	2	05:18	0	1.39	-0.710 %
J-77	JUNCTION	5.00	25.07	2	09:58	0.495	4.06	0.238 %
J-771	JUNCTION	0.00	8.18	2	05:18	0	1.48	-1.427 %
J-772	JUNCTION	0.00	8.67	1	14:13	0	1.67	-3.943 %
J-774	JUNCTION	0.00	6.32	1	11:43	0	1.11	-1.420 %
J-776	JUNCTION	3.37	6.64	1	23:39	0.37	1.38	-1.790 %
J-778	JUNCTION	0.00	5.06	1	22:11	0	1.24	-3.399 %
J-77A	JUNCTION	0.00	20.66	3	05:45	0	2.34	0.727 %
J-77B	JUNCTION	0.00	20.70	2	09:58	0	1.02	0.000 %
J-780	JUNCTION	0.00	5.62	2	08:26	0	1.57	-4.610 %
J-782	JUNCTION	0.00	3.18	2	11:52	0	0.819	-0.694 %
J-784	JUNCTION	5.70	5.70	2	12:14	0.632	1.13	-4.936 %
J-786	JUNCTION	0.00	2.22	2	14:03	0	0.843	-2.788 %
J-788	JUNCTION	0.00	3.08	3	00:11	0	0.836	-7.441 %
J-790	JUNCTION	0.00	3.37	1	16:32	0	0.905	-7.364 %
J-792	JUNCTION	0.00	5.84	1	16:32	0	1.15	-17.939 %
J-793	JUNCTION	1.92	6.09	1	16:32	0.212	0.422	-8.476 %
J-795	JUNCTION	0.00	4.01	2	11:52	0	0.929	-5.767 %
J-799	JUNCTION	0.00	7.95	2	09:32	0	0.478	0.300 %
J-799-WEIR-EAC	JUNCTION	0.00	19.00	2	06:33	0	0.316	0.000 %
J-80	JUNCTION	10.44	11.71	2	12:14	0.845	1.87	1.204 %
J-800	JUNCTION	0.00	14.68	3	03:24	0	2.09	0.692 %
J-802	JUNCTION	0.00	8.13	3	03:09	0	1.7	2.039 %
J-806	JUNCTION	0.00	7.85	3	03:04	0	1.87	1.216 %
J-809	JUNCTION	1.36	18.65	3	02:24	0.117	3.4	0.638 %
J-810	JUNCTION	0.00	9.59	3	02:27	0	1.49	1.515 %
J-813	JUNCTION	0.00	7.36	2	08:51	0	1.47	1.700 %
J-816	JUNCTION	8.35	8.48	2	12:14	0.763	1.49	0.138 %
J-819	JUNCTION	0.00	6.06	2	09:00	0	0.767	2.752 %
J-82	JUNCTION	0.00	8.60	2	11:11	0	1.23	24.151 %
J-822	JUNCTION	7.33	7.33	2	12:14	0.664	0.706	-2.400 %
J-826	JUNCTION	6.76	7.22	2	12:14	0.61	0.675	-2.653 %
J-829	JUNCTION	0.00	7.60	3	04:20	0	0.772	1.923 %
J-83	JUNCTION	6.38	26.95	2	11:52	0.566	4.86	-2.552 %
J-831	JUNCTION	5.74	7.53	3	03:55	0.497	1.23	0.298 %
J-836	JUNCTION	5.93	8.55	3	04:07	0.516	1.69	0.325 %
J-838	JUNCTION	7.16	7.16	2	12:14	0.647	0.695	-2.433 %
J-83A	JUNCTION	0.00	27.22	3	05:21	0	2.9	3.014 %
J-84	JUNCTION	0.00	10.70	2	10:30	0	3.98	1.673 %
J-841	JUNCTION	0.00	6.74	2	11:15	0	0.769	2.525 %
J-844	JUNCTION	9.46	11.81	2	12:14	0.881	1.61	-1.115 %
J-848	JUNCTION	0.00	7.73	2	11:36	0	1.6	1.415 %
J-850	JUNCTION	0.00	10.99	2	09:45	0	1.65	1.210 %
J-851	JUNCTION	1.64	16.13	2	11:34	0.133	5.05	0.414 %
J-856	JUNCTION	0.00	20.80	2	12:15	0	5.94	0.025 %
J-860	JUNCTION	1.28	11.90	2	12:15	0.096	1.01	0.050 %
J-863	JUNCTION	0.00	10.62	2	12:15	0	0.917	0.080 %
J-865	JUNCTION	4.75	10.62	2	12:15	0.402	0.918	0.088 %
J-868	JUNCTION	0.00	5.86	2	12:15	0	0.516	0.126 %
J-87	JUNCTION	0.00	7.01	2	11:00	0	1.62	7.217 %
J-870	JUNCTION	5.86	5.86	2	12:14	0.517	0.517	0.057 %
J-879	JUNCTION	9.65	14.76	2	12:14	1.07	4.97	1.290 %
J-88	JUNCTION	0.00	6.38	2	09:44	0	1.63	4.176 %
J-880	JUNCTION	4.35	14.71	2	11:53	0.48	4.79	1.425 %
J-881	JUNCTION	0.00	11.84	3	02:31	0	4.81	4.888 %
J-882	JUNCTION	7.01	11.58	3	03:44	0.769	4.53	0.637 %
J-883	JUNCTION	0.00	15.55	2	21:06	0	4.08	6.472 %
J-884	JUNCTION	0.00	55.89	3	02:26	0	2.7	-26.826 %
J-888	JUNCTION	0.00	6.77	2	08:09	0	1.15	4.910 %
J-889	JUNCTION	0.00	6.20	2	08:37	0	0.998	6.783 %
J-891	JUNCTION	4.04	8.49	2	09:03	0.342	1.78	7.248 %
J-892	JUNCTION	0.00	7.83	2	08:15	0	1.54	5.043 %
J-894	JUNCTION	2.66	6.86	2	08:12	0.238	1.6	8.332 %
J-896	JUNCTION	0.00	6.88	2	08:00	0	1.56	7.994 %
J-899	JUNCTION	8.57	22.04	2	11:53	0.789	1.57	0.926 %
J-899A	JUNCTION	0.00	18.71	3	00:19	0	0.84	6.879 %
J-902	JUNCTION	0.00	60.61	2	12:44	0	1.81	-25.821 %
J-903	JUNCTION	3.71	59.06	2	22:56	0.339	10.6	7.188 %
J-903A	JUNCTION	0.00	123.02	2	22:27	0	4.11	-14.663 %
J-910	JUNCTION	7.36	7.36	2	12:14	0.66	0.66	0.078 %
J-912	JUNCTION	13.56	13.56	2	12:14	1.35	1.35	0.062 %
J-917	JUNCTION	0.00	8.95	2	10:56	0	0.256	21.809 %
J-918	JUNCTION	11.86	14.05	2	11:52	0.929	1.14	5.633 %
J-920	JUNCTION	0.00	14.75	2	09:01	0	14.5	0.080 %
J-934	JUNCTION	3.45	135.24	2	21:35	0.316	7.43	0.186 %

J-934A	JUNCTION	0.00	151.71	3	00:42	0	7.85	-0.922	%
J-951	JUNCTION	4.48	10.63	2	11:04	0.497	1.2	-2.487	%
J-953	JUNCTION	0.00	11.64	2	14:02	0	2.78	-13.365	%
J-954	JUNCTION	0.00	28.10	2	08:56	0	4.78	-12.248	%
J-958	JUNCTION	1.38	51.09	2	07:07	0.272	3.71	0.159	%
J-96	JUNCTION	0.00	8.52	2	11:15	0	1.84	0.302	%
J-963	JUNCTION	0.00	13.92	1	05:44	0	2.66	0.239	%
J-99	JUNCTION	11.00	11.00	2	12:14	0.94	1.81	4.375	%
JCT-24	JUNCTION	0.00	52.19	2	22:43	0	2.61	28.550	%
JCT-26	JUNCTION	0.00	88.14	2	15:55	0	2.92	13.411	%
JCT-26-WEIR	JUNCTION	0.00	70.73	2	23:58	0	0.964	-62.109	%
JCT-28	JUNCTION	11.82	44.74	2	12:22	1	2.24	12.021	%
JCT-28-WEIR	JUNCTION	0.00	73.99	2	12:22	0	1.38	-15.545	%
JCT-30	JUNCTION	10.01	68.73	2	10:20	0.941	3.33	0.180	%
JCT-32	JUNCTION	6.31	9.07	2	12:14	0.553	0.618	1.132	%
JCT-32-WEIR	JUNCTION	0.00	27.91	2	12:17	0	0.207	-1.862	%
JCT-36	JUNCTION	0.00	17.30	0	00:00	0	4.57	-0.037	%
JCT-46	JUNCTION	0.00	55.95	0	00:00	0	6.12	2.262	%
JCT-64	JUNCTION	0.00	13.10	2	05:33	0	2.17	-1.156	%
J-171	OUTFALL	0.00	13.01	2	12:15	0	3.34	0.000	%
J-263	OUTFALL	0.00	7.48	3	01:05	0	2.86	0.000	%
J-279	OUTFALL	0.00	7.73	3	03:30	0	4.6	0.000	%
J-33A	OUTFALL	0.00	2.82	1	02:42	0	1.87	0.000	%
J-386	OUTFALL	0.00	1.70	1	00:14	0	0.972	0.000	%
J-442	OUTFALL	0.00	14.33	3	03:00	0	7.21	0.000	%
J-561A	OUTFALL	0.00	19.08	2	12:15	0	4.07	0.000	%
J-567A	OUTFALL	0.00	2.82	2	09:36	0	1.61	0.000	%
J-582	OUTFALL	0.00	5.23	2	13:49	0	1.74	0.000	%
J-605	OUTFALL	0.00	6.88	2	12:23	0	1.54	0.000	%
J-671	OUTFALL	0.00	8.38	3	02:36	0	3.96	0.000	%
J-694	OUTFALL	0.00	9.16	2	12:15	0	0.211	0.000	%
J-703	OUTFALL	0.00	7.27	2	12:15	0	0.267	0.000	%
J-909	OUTFALL	0.00	7.18	2	12:17	0	0.659	0.000	%
J-911	OUTFALL	0.00	10.36	2	12:52	0	1.35	0.000	%
J-913	OUTFALL	0.00	0.00	0	00:00	0	0	0.000	gal
J-919	OUTFALL	0.00	11.86	2	12:15	0	0.822	0.000	%
J-920A	OUTFALL	0.00	3.83	0	20:28	0	0.0195	0.000	%
J-963A	OUTFALL	0.00	8.25	0	00:00	0	0.332	0.000	%
J575A	OUTFALL	0.00	54.79	0	00:00	0	1.63	0.000	%
OFALL-10	OUTFALL	0.00	4.62	2	07:17	0	3.17	0.000	%
OFALL-12	OUTFALL	0.00	2.84	1	07:03	0	1.68	0.000	%
OFALL-14	OUTFALL	0.00	1.41	0	15:45	0	0.871	0.000	%
OFALL-16	OUTFALL	0.00	3.85	1	22:16	0	2.18	0.000	%
OFALL-18	OUTFALL	0.00	2.06	1	12:01	0	1.14	0.000	%
OFALL-20	OUTFALL	0.00	1.44	0	15:42	0	1.01	0.000	%
OFALL-22	OUTFALL	0.00	1.95	2	07:24	0	0.985	0.000	%
OFALL-24	OUTFALL	0.00	1.90	2	13:12	0	0.864	0.000	%
OFALL-26	OUTFALL	0.00	2.27	0	15:15	0	1.91	0.000	%
OFALL-28	OUTFALL	0.00	3.79	0	17:55	0	1.89	0.000	%
OFALL-30	OUTFALL	0.00	1.90	2	04:48	0	1.52	0.000	%
OFALL-32	OUTFALL	0.00	2.27	0	21:53	0	1.48	0.000	%
OFALL-34	OUTFALL	0.00	0.63	1	08:04	0	0.365	0.000	%
OFALL-36	OUTFALL	0.00	1.21	0	17:37	0	0.794	0.000	%
OFALL-38	OUTFALL	0.00	1.28	2	10:54	0	0.889	0.000	%
OFALL-40	OUTFALL	0.00	1.28	2	09:07	0	0.675	0.000	%
OFALL-42	OUTFALL	0.00	1.28	2	09:03	0	0.813	0.000	%
OFALL-44	OUTFALL	0.00	3.30	2	08:13	0	1.56	0.000	%
OFALL-46	OUTFALL	0.00	1.90	1	06:11	0	0.959	0.000	%
OFALL-48	OUTFALL	0.00	2.84	1	06:47	0	1.15	0.000	%
OFALL-50	OUTFALL	0.00	1.28	0	13:04	0	0.776	0.000	%
OFALL-52	OUTFALL	0.00	1.28	0	14:58	0	2	0.000	%
OFALL-54	OUTFALL	0.00	2.84	1	14:20	0	1.95	0.000	%
OFALL-66	OUTFALL	0.00	3.79	2	08:54	0	2.22	0.000	%
WELL-2E	OUTFALL	0.00	55.95	0	00:00	0	6.17	0.000	%
WELL-3	OUTFALL	0.00	4.86	0	00:00	0	1.16	0.000	%
WELL-4	OUTFALL	0.00	12.49	0	00:00	0	3.41	0.000	%
WELL-W-ENID-DR	OUTFALL	0.00	3.79	1	05:44	0	2.91	0.000	%
J-856-STORAGE-NEW	STORAGE	0.00	30.08	2	12:15	0	5.94	-0.009	%

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
J-102	JUNCTION	23.02	5.897	0.000
J-104	JUNCTION	45.38	6.816	0.000
J-106	JUNCTION	49.71	6.793	0.000
J-109	JUNCTION	57.90	6.609	0.000
J-11	JUNCTION	61.41	6.936	0.000
J-110	JUNCTION	28.08	6.172	0.000
J-113	JUNCTION	60.98	6.503	0.000
J-114	JUNCTION	36.02	6.099	0.000
J-118	JUNCTION	23.11	5.488	0.000
J-12	JUNCTION	26.33	5.936	0.000
J-121	JUNCTION	49.10	6.793	0.000
J-126	JUNCTION	20.14	3.309	0.000
J-127	JUNCTION	20.18	3.517	0.000
J-128	JUNCTION	20.04	3.251	0.000
J-129	JUNCTION	22.45	5.487	0.000
J-130	JUNCTION	40.98	5.994	0.000
J-131	JUNCTION	38.44	5.723	0.000
J-132	JUNCTION	37.62	6.032	0.000
J-137	JUNCTION	46.65	6.224	0.000
J-139	JUNCTION	55.22	6.309	0.000
J-140	JUNCTION	48.20	6.476	0.000
J-147	JUNCTION	43.48	6.760	0.000
J-148	JUNCTION	45.40	6.837	0.000
J-149	JUNCTION	42.05	6.837	0.000
J-15	JUNCTION	22.50	4.426	0.000
J-152	JUNCTION	42.40	6.890	0.000
J-153	JUNCTION	41.98	6.915	0.000
J-155	JUNCTION	43.49	6.935	0.000
J-156	JUNCTION	42.73	6.998	0.000
J-158	JUNCTION	20.47	4.280	0.000
J-160	JUNCTION	28.98	6.689	0.000
J-161	JUNCTION	38.54	5.481	0.000
J-162	JUNCTION	40.26	5.979	0.000
J-163	JUNCTION	43.12	5.310	0.000
J-164	JUNCTION	40.75	5.182	0.000
J-165	JUNCTION	42.00	5.270	0.000
J-166	JUNCTION	27.27	4.873	0.000
J-167	JUNCTION	24.60	4.422	0.000
J-168	JUNCTION	44.21	4.830	0.000
J-169	JUNCTION	39.20	5.132	0.000
J-170	JUNCTION	37.22	5.225	0.000
J-174	JUNCTION	53.13	7.089	0.000
J-175	JUNCTION	43.12	7.089	0.000
J-176	JUNCTION	24.00	6.700	0.000
J-179	JUNCTION	25.21	6.717	0.000
J-18	JUNCTION	21.91	3.926	0.000
J-180	JUNCTION	20.82	5.013	0.000
J-185	JUNCTION	20.66	5.069	0.000
J-188	JUNCTION	23.45	5.388	0.000
J-191	JUNCTION	23.34	4.867	0.000
J-195	JUNCTION	22.64	4.405	0.000
J-198	JUNCTION	43.55	7.203	0.000
J-199	JUNCTION	48.87	7.112	0.000
J-203	JUNCTION	50.68	7.079	0.000
J-204	JUNCTION	49.50	7.086	0.000
J-206	JUNCTION	51.79	6.958	0.000
J-208	JUNCTION	50.65	6.636	0.000
J-209	JUNCTION	45.15	6.646	0.000
J-212	JUNCTION	46.06	6.945	0.000
J-213	JUNCTION	25.68	5.146	0.000
J-217	JUNCTION	48.21	6.851	0.000
J-218	JUNCTION	54.24	6.845	0.000
J-222	JUNCTION	49.49	5.629	0.000
J-223	JUNCTION	29.73	5.028	0.000
J-225	JUNCTION	53.48	6.728	0.000
J-226	JUNCTION	51.98	6.719	0.000
J-232	JUNCTION	52.69	6.671	0.000
J-233	JUNCTION	58.87	6.219	0.000
J-235	JUNCTION	61.23	6.216	0.000
J-238	JUNCTION	53.04	5.851	0.000

J-24	JUNCTION	57.97	6.713	0.000
J-242	JUNCTION	38.09	5.800	0.000
J-244	JUNCTION	44.01	6.603	0.000
J-247	JUNCTION	51.94	6.602	0.000
J-248	JUNCTION	41.74	5.792	0.000
J-249	JUNCTION	45.46	5.791	0.000
J-25	JUNCTION	21.84	3.917	0.000
J-253	JUNCTION	52.99	5.303	0.000
J-254	JUNCTION	54.11	5.225	0.000
J-256	JUNCTION	53.13	5.170	0.000
J-259	JUNCTION	55.70	4.712	0.000
J-260	JUNCTION	15.46	1.767	0.000
J-261	JUNCTION	13.80	0.254	0.000
J-261-WEIR	JUNCTION	13.70	0.528	0.000
J-262	JUNCTION	19.66	2.265	0.000
J-266	JUNCTION	43.46	6.042	0.000
J-267	JUNCTION	46.47	6.136	0.000
J-269	JUNCTION	64.58	7.198	0.000
J-27	JUNCTION	21.81	3.893	0.000
J-275	JUNCTION	44.44	5.855	0.000
J-278	JUNCTION	55.03	3.401	0.000
J-280	JUNCTION	55.05	4.353	0.000
J-281	JUNCTION	54.74	5.157	0.000
J-282	JUNCTION	56.57	5.729	0.000
J-283	JUNCTION	61.94	6.647	0.000
J-284	JUNCTION	2.71	0.936	0.000
J-284-WEIR	JUNCTION	2.24	4.610	0.000
J-285	JUNCTION	50.46	5.914	0.000
J-286	JUNCTION	35.75	5.854	0.000
J-288	JUNCTION	26.56	4.410	0.000
J-290	JUNCTION	22.64	3.922	0.000
J-293	JUNCTION	54.22	6.686	0.000
J-295	JUNCTION	48.61	6.681	0.000
J-296	JUNCTION	49.18	6.674	0.000
J-297	JUNCTION	38.09	6.248	0.000
J-30	JUNCTION	47.81	6.682	0.000
J-300	JUNCTION	39.50	6.244	0.000
J-301	JUNCTION	43.10	6.248	0.000
J-304	JUNCTION	22.83	6.206	0.000
J-305	JUNCTION	23.00	6.201	0.000
J-31	JUNCTION	21.37	3.879	0.000
J-310	JUNCTION	21.95	6.181	0.000
J-312	JUNCTION	22.82	6.172	0.000
J-314	JUNCTION	18.31	3.857	0.000
J-317	JUNCTION	26.79	6.661	0.000
J-321	JUNCTION	18.30	3.905	0.000
J-323	JUNCTION	26.50	6.672	0.000
J-324	JUNCTION	18.30	3.887	0.000
J-327	JUNCTION	56.94	6.708	0.000
J-328	JUNCTION	21.95	3.861	0.000
J-33	JUNCTION	60.28	6.605	0.000
J-333	JUNCTION	37.31	6.820	0.000
J-334	JUNCTION	41.27	6.717	0.000
J-335	JUNCTION	42.10	6.566	0.000
J-341	JUNCTION	22.99	4.569	0.000
J-342	JUNCTION	33.59	6.761	0.000
J-343	JUNCTION	52.19	7.232	0.000
J-348	JUNCTION	36.63	6.558	0.000
J-351	JUNCTION	20.37	4.580	0.000
J-354	JUNCTION	53.33	3.574	0.000
J-354A	JUNCTION	53.33	3.600	0.000
J-355	JUNCTION	53.33	3.806	0.000
J-36	JUNCTION	58.70	6.615	0.000
J-362	JUNCTION	28.53	6.840	0.000
J-363	JUNCTION	26.32	6.880	0.000
J-364	JUNCTION	19.33	6.488	0.000
J-367	JUNCTION	53.60	6.874	0.000
J-368	JUNCTION	35.41	6.482	0.000
J-369	JUNCTION	33.41	6.484	0.000
J-374	JUNCTION	18.98	6.494	0.000
J-375	JUNCTION	27.69	6.087	0.000
J-380	JUNCTION	18.38	4.101	0.000
J-381	JUNCTION	18.44	6.493	0.000
J-384	JUNCTION	28.63	6.088	0.000
J-385	JUNCTION	30.43	6.084	0.000
J-388	JUNCTION	57.07	7.086	0.000
J-389	JUNCTION	34.96	6.586	0.000
J-393	JUNCTION	40.57	6.986	0.000
J-396	JUNCTION	40.23	7.410	0.000
J-399	JUNCTION	38.90	6.909	0.000

J-40	JUNCTION	22.15	3.908	0.000
J-402	JUNCTION	20.09	4.844	0.000
J-405	JUNCTION	43.36	6.568	0.000
J-407	JUNCTION	44.25	6.554	0.000
J-409	JUNCTION	52.60	6.539	0.000
J-410	JUNCTION	60.74	7.035	0.000
J-412	JUNCTION	55.44	6.529	0.000
J-414	JUNCTION	55.65	6.690	0.000
J-415	JUNCTION	20.07	4.233	0.000
J-416	JUNCTION	56.93	6.679	0.000
J-417	JUNCTION	21.29	5.686	0.000
J-42	JUNCTION	21.98	3.919	0.000
J-421	JUNCTION	21.02	5.689	0.000
J-422	JUNCTION	20.13	4.158	0.000
J-423	JUNCTION	19.92	3.951	0.000
J-424	JUNCTION	45.81	6.771	0.000
J-427	JUNCTION	49.71	6.850	0.000
J-430	JUNCTION	20.10	4.187	0.000
J-431	JUNCTION	22.76	4.190	0.000
J-432	JUNCTION	60.04	6.920	0.000
J-433	JUNCTION	48.31	6.559	0.000
J-434	JUNCTION	46.79	6.587	0.000
J-435	JUNCTION	42.98	6.581	0.000
J-436	JUNCTION	43.78	6.574	0.000
J-437	JUNCTION	42.44	6.573	0.000
J-438	JUNCTION	43.05	6.927	0.000
J-439	JUNCTION	48.86	6.806	0.000
J-440	JUNCTION	18.26	1.987	0.000
J-441	JUNCTION	18.25	1.987	0.000
J-444	JUNCTION	15.59	0.299	0.000
J-444-WEIR	JUNCTION	15.27	0.570	0.000
J-445	JUNCTION	26.14	5.419	0.000
J-448	JUNCTION	22.79	3.938	0.000
J-450	JUNCTION	63.84	7.001	0.000
J-454	JUNCTION	22.89	3.938	0.000
J-455	JUNCTION	22.26	2.834	0.000
J-459	JUNCTION	23.19	4.143	0.000
J-460-NEW	JUNCTION	22.35	3.602	0.000
J-463	JUNCTION	22.15	3.282	0.000
J-466	JUNCTION	22.52	7.068	0.000
J-468	JUNCTION	20.78	3.908	0.000
J-47	JUNCTION	37.84	4.526	0.000
J-470	JUNCTION	0.93	1.478	0.000
J-471	JUNCTION	18.58	5.550	0.000
J-478	JUNCTION	2.06	2.262	0.000
J-479	JUNCTION	16.68	2.070	0.000
J-480	JUNCTION	2.48	2.851	0.000
J-481	JUNCTION	17.61	3.414	0.000
J-482	JUNCTION	16.12	3.186	0.000
J-484	JUNCTION	23.43	3.649	0.000
J-485	JUNCTION	58.67	4.587	0.000
J-486	JUNCTION	32.04	3.912	0.000
J-487	JUNCTION	21.96	3.743	0.000
J-489	JUNCTION	19.88	3.206	0.000
J-491	JUNCTION	27.94	3.513	0.000
J-492	JUNCTION	38.25	4.399	0.000
J-493	JUNCTION	53.11	4.945	0.000
J-495	JUNCTION	48.68	4.926	0.000
J-497	JUNCTION	41.10	5.397	0.000
J-498	JUNCTION	18.59	3.121	0.000
J-499	JUNCTION	22.58	4.713	0.000
J-5	JUNCTION	23.18	5.507	0.000
J-50	JUNCTION	35.66	5.183	0.000
J-500	JUNCTION	22.29	4.713	0.000
J-505	JUNCTION	21.95	4.712	0.000
J-508	JUNCTION	21.76	4.711	0.000
J-51	JUNCTION	25.69	3.800	0.000
J-512	JUNCTION	21.40	4.697	0.000
J-518	JUNCTION	20.97	4.687	0.000
J-53	JUNCTION	64.94	8.030	0.000
J-534	JUNCTION	65.41	7.072	0.000
J-537	JUNCTION	23.06	4.174	0.000
J-539	JUNCTION	23.09	4.267	0.000
J-539-WEIR	JUNCTION	19.90	3.238	0.000
J-539A	JUNCTION	19.64	4.499	2.561
J-54	JUNCTION	23.36	5.110	0.000
J-541	JUNCTION	21.99	4.363	0.000
J-544	JUNCTION	39.62	4.888	0.000
J-548	JUNCTION	4.37	1.404	0.000
J-550	JUNCTION	10.54	2.524	0.000

J-553	JUNCTION	48.71	4.719	0.000
J-554	JUNCTION	23.33	4.486	0.000
J-555	JUNCTION	23.16	4.491	0.000
J-559	JUNCTION	21.03	3.443	0.000
J-560	JUNCTION	21.48	3.359	0.000
J-561	JUNCTION	60.02	4.874	0.726
J-563	JUNCTION	21.46	4.235	0.000
J-565	JUNCTION	57.68	7.267	0.000
J-566	JUNCTION	17.70	2.019	0.000
J-566-WEIR	JUNCTION	8.87	5.610	0.000
J-567	JUNCTION	19.54	6.908	0.000
J-568	JUNCTION	19.74	6.980	0.000
J-569	JUNCTION	19.78	7.539	0.000
J-570	JUNCTION	19.15	3.899	0.000
J-571	JUNCTION	22.81	3.755	0.000
J-575	JUNCTION	77.99	5.602	0.000
J-576	JUNCTION	61.60	5.505	0.000
J-577	JUNCTION	9.97	2.408	0.000
J-578	JUNCTION	44.35	5.504	0.000
J-58	JUNCTION	23.34	5.106	0.000
J-581	JUNCTION	50.85	6.904	0.000
J-585	JUNCTION	17.42	3.530	0.000
J-588	JUNCTION	36.51	6.413	0.000
J-59	JUNCTION	23.34	5.080	0.000
J-591	JUNCTION	39.96	5.050	0.000
J-596	JUNCTION	40.53	7.041	0.000
J-598	JUNCTION	12.96	2.828	0.000
J-6	JUNCTION	57.38	6.800	0.000
J-60	JUNCTION	64.48	7.835	0.000
J-601	JUNCTION	35.47	4.758	0.000
J-602	JUNCTION	35.25	4.671	0.000
J-603	JUNCTION	11.75	2.802	0.000
J-604	JUNCTION	15.21	2.502	0.000
J-606	JUNCTION	58.56	4.967	0.000
J-607	JUNCTION	59.41	4.982	0.000
J-609	JUNCTION	38.15	4.647	0.000
J-61	JUNCTION	23.21	5.087	0.000
J-611	JUNCTION	13.70	2.925	0.000
J-613	JUNCTION	46.62	5.373	0.000
J-615	JUNCTION	45.28	5.290	0.000
J-618	JUNCTION	37.52	6.725	0.000
J-61A	JUNCTION	20.97	9.560	0.000
J-623	JUNCTION	49.44	6.333	0.000
J-624	JUNCTION	21.90	3.928	0.000
J-626	JUNCTION	38.86	6.313	0.000
J-629	JUNCTION	45.72	6.713	0.000
J-63	JUNCTION	48.60	6.905	0.000
J-632	JUNCTION	37.41	6.712	0.000
J-633	JUNCTION	42.54	6.317	0.000
J-637	JUNCTION	36.29	6.317	0.000
J-64	JUNCTION	47.15	6.901	0.000
J-640	JUNCTION	35.69	6.713	0.000
J-647	JUNCTION	21.01	3.902	0.000
J-647B	JUNCTION	20.87	9.560	0.000
J-650	JUNCTION	26.49	5.924	0.000
J-653	JUNCTION	21.94	3.926	0.000
J-654	JUNCTION	21.94	3.942	0.000
J-657	JUNCTION	25.42	5.926	0.000
J-659	JUNCTION	26.43	5.924	0.000
J-663	JUNCTION	39.17	6.934	0.000
J-665	JUNCTION	38.26	6.935	0.000
J-666	JUNCTION	49.36	6.937	0.000
J-67	JUNCTION	48.12	6.760	0.000
J-670	JUNCTION	45.02	6.937	0.000
J-672	JUNCTION	63.73	6.360	0.000
J-673	JUNCTION	21.97	3.940	0.000
J-678	JUNCTION	39.48	6.937	0.000
J-67A	JUNCTION	41.68	6.761	0.000
J-682	JUNCTION	13.07	5.527	0.000
J-684	JUNCTION	13.08	5.391	0.000
J-686	JUNCTION	13.03	5.072	0.000
J-687	JUNCTION	12.83	4.573	0.000
J-691	JUNCTION	12.91	4.335	0.000
J-693	JUNCTION	78.00	5.360	0.000
J-697	JUNCTION	34.78	6.362	0.000
J-7	JUNCTION	56.60	7.004	0.000
J-700	JUNCTION	34.33	5.650	0.000
J-701	JUNCTION	34.63	5.600	0.000
J-702	JUNCTION	34.47	5.610	0.000
J-705	JUNCTION	33.95	5.851	0.000

J-707	JUNCTION	33.75	5.551	0.000
J-710	JUNCTION	33.90	5.751	0.000
J-712	JUNCTION	13.79	4.128	0.000
J-714	JUNCTION	13.80	4.117	0.000
J-719	JUNCTION	14.76	4.281	0.000
J-72	JUNCTION	56.80	6.897	0.000
J-721	JUNCTION	14.11	3.991	0.000
J-725	JUNCTION	14.20	3.670	0.000
J-728	JUNCTION	14.22	3.682	0.000
J-73	JUNCTION	54.16	6.921	0.000
J-734	JUNCTION	14.51	3.313	0.000
J-735	JUNCTION	16.68	4.017	0.000
J-736	JUNCTION	57.03	7.530	0.000
J-74	JUNCTION	48.72	6.908	0.000
J-740	JUNCTION	50.81	7.828	0.000
J-741	JUNCTION	47.81	6.667	0.000
J-744	JUNCTION	54.34	6.662	0.000
J-745	JUNCTION	21.41	4.867	0.000
J-748	JUNCTION	19.14	3.762	0.000
J-748-WEIR-STANTEC	JUNCTION	19.08	3.760	0.000
J-749	JUNCTION	49.28	6.371	0.000
J-750	JUNCTION	21.06	4.565	0.000
J-751	JUNCTION	60.18	6.373	0.000
J-752	JUNCTION	18.94	3.363	0.000
J-753	JUNCTION	64.71	7.697	0.000
J-754	JUNCTION	18.93	3.949	0.000
J-754-WEIR-STANTEC	JUNCTION	18.91	3.362	0.000
J-754A	JUNCTION	2.27	4.020	0.000
J-755	JUNCTION	22.24	4.931	0.000
J-757	JUNCTION	15.35	2.930	0.000
J-760	JUNCTION	26.11	5.921	0.000
J-761	JUNCTION	59.05	6.792	0.000
J-763	JUNCTION	39.40	5.877	0.000
J-764	JUNCTION	61.17	8.116	0.000
J-766	JUNCTION	6.83	3.292	0.000
J-768	JUNCTION	11.57	4.040	0.000
J-769	JUNCTION	13.62	4.157	0.000
J-77	JUNCTION	20.70	4.264	0.000
J-771	JUNCTION	13.44	3.999	0.000
J-772	JUNCTION	16.17	3.972	0.000
J-774	JUNCTION	15.46	3.972	0.000
J-776	JUNCTION	13.65	3.972	0.000
J-778	JUNCTION	10.73	3.852	0.000
J-77A	JUNCTION	20.58	9.560	0.000
J-780	JUNCTION	11.26	3.861	0.000
J-782	JUNCTION	6.71	3.933	0.000
J-784	JUNCTION	5.71	4.109	0.000
J-786	JUNCTION	5.75	4.047	0.000
J-788	JUNCTION	9.01	3.966	0.000
J-790	JUNCTION	9.48	3.901	0.000
J-792	JUNCTION	5.93	3.667	0.000
J-793	JUNCTION	6.06	3.710	0.000
J-795	JUNCTION	9.84	3.875	0.000
J-799	JUNCTION	17.30	3.546	0.000
J-799-WEIR-EAC	JUNCTION	19.93	3.545	0.000
J-80	JUNCTION	46.65	7.061	0.000
J-800	JUNCTION	18.73	4.397	0.000
J-802	JUNCTION	21.34	5.201	0.000
J-806	JUNCTION	19.12	4.703	0.000
J-809	JUNCTION	19.63	4.695	0.000
J-810	JUNCTION	19.33	4.697	0.000
J-813	JUNCTION	19.43	5.142	0.000
J-816	JUNCTION	19.30	5.179	0.000
J-819	JUNCTION	19.10	5.191	0.000
J-82	JUNCTION	60.31	7.239	0.000
J-822	JUNCTION	21.88	5.619	0.000
J-826	JUNCTION	22.11	5.672	0.000
J-829	JUNCTION	19.36	5.259	0.000
J-83	JUNCTION	21.86	4.835	0.000
J-831	JUNCTION	19.23	5.254	0.000
J-836	JUNCTION	19.32	5.236	0.000
J-838	JUNCTION	18.72	5.062	0.000
J-83A	JUNCTION	21.98	10.060	0.000
J-84	JUNCTION	59.41	7.131	0.000
J-841	JUNCTION	17.50	4.518	0.000
J-844	JUNCTION	17.54	4.459	0.000
J-848	JUNCTION	17.91	4.445	0.000
J-850	JUNCTION	16.64	4.203	0.000
J-851	JUNCTION	16.96	3.895	0.000
J-863	JUNCTION	0.56	1.227	2.863

J-865	JUNCTION	0.92	2.141	2.399
J-868	JUNCTION	0.98	2.411	2.029
J-87	JUNCTION	55.23	6.890	0.000
J-870	JUNCTION	2.53	4.085	0.905
J-879	JUNCTION	40.47	4.060	0.000
J-88	JUNCTION	56.62	6.834	0.000
J-880	JUNCTION	52.25	3.380	0.000
J-881	JUNCTION	51.35	5.832	0.000
J-882	JUNCTION	51.24	3.839	0.000
J-883	JUNCTION	63.35	3.887	0.000
J-884	JUNCTION	14.87	0.496	0.000
J-888	JUNCTION	51.13	6.320	0.000
J-889	JUNCTION	47.73	6.326	0.000
J-891	JUNCTION	52.94	6.355	0.000
J-892	JUNCTION	50.58	6.359	0.000
J-894	JUNCTION	49.38	6.375	0.000
J-896	JUNCTION	45.85	6.432	0.000
J-899	JUNCTION	22.12	3.940	0.000
J-902	JUNCTION	0.00	0.084	0.000
J-903	JUNCTION	57.42	5.589	0.000
J-903A	JUNCTION	2.50	4.026	0.000
J-910	JUNCTION	68.83	6.560	0.000
J-912	JUNCTION	68.47	6.396	0.000
J-917	JUNCTION	56.01	7.101	0.000
J-918	JUNCTION	57.10	4.140	0.000
J-920	JUNCTION	59.99	5.600	0.000
J-934	JUNCTION	22.03	4.132	0.000
J-934A	JUNCTION	2.25	4.029	0.000
J-951	JUNCTION	14.14	5.585	0.000
J-953	JUNCTION	13.60	5.018	0.000
J-954	JUNCTION	15.08	3.627	0.000
J-958	JUNCTION	23.00	5.601	0.000
J-96	JUNCTION	21.90	5.913	0.000
J-963	JUNCTION	25.67	5.937	0.000
J-99	JUNCTION	58.02	6.717	0.000
JCT-24	JUNCTION	15.27	0.789	0.000
JCT-26	JUNCTION	13.81	1.391	0.000
JCT-26-WEIR	JUNCTION	13.39	0.941	0.000
JCT-28	JUNCTION	0.16	1.011	0.000
JCT-28-WEIR	JUNCTION	0.11	0.510	0.000
JCT-30	JUNCTION	21.97	3.940	0.000
JCT-36	JUNCTION	0.44	0.288	2.312
JCT-46	JUNCTION	75.18	4.720	0.000
JCT-64	JUNCTION	43.17	5.844	0.000

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate CFS	Time of Max Occurrence days	hr:min	Total Flood Volume 10^6 gal	Maximum Ponded Depth Feet
J-102	20.05	8.81	2	10:26	0.082	2.337
J-104	23.49	8.80	2	11:20	0.258	2.116
J-106	22.64	11.44	2	11:12	0.166	2.543
J-109	21.73	11.03	2	10:37	0.142	2.010
J-11	17.63	7.39	2	08:16	0.037	1.376
J-110	21.08	10.10	2	10:37	0.264	1.939
J-113	20.40	9.39	2	09:50	0.097	1.669
J-114	18.43	10.30	2	07:48	0.038	0.939
J-118	18.46	8.66	2	08:49	0.035	0.928
J-12	17.65	10.97	2	10:59	0.040	1.376
J-121	19.64	7.99	2	09:18	0.093	1.093
J-126	20.05	23.76	2	12:44	0.698	2.759
J-126A	17.28	14.05	2	12:44	0.255	0.982
J-127	20.03	6.19	2	09:55	0.066	2.607
J-128	19.92	6.70	2	09:55	0.064	2.601
J-129	18.82	9.37	2	12:23	0.346	0.987
J-130	19.87	6.90	2	10:24	0.078	0.927
J-131	4.00	5.21	2	10:04	0.039	0.006
J-132	20.78	6.74	2	12:08	0.141	1.265
J-137	22.10	3.47	2	09:46	0.068	1.424
J-139	19.18	3.15	2	08:01	0.028	0.949
J-140	20.91	4.18	2	01:32	0.051	1.196
J-147	21.12	9.70	2	12:14	0.340	1.460
J-148	20.57	6.30	2	05:10	0.063	1.497
J-149	22.78	5.29	2	06:53	0.096	2.037
J-15	18.65	15.59	2	11:50	0.170	1.726
J-152	21.27	7.18	2	12:15	0.280	1.490
J-153	21.87	4.81	2	07:51	0.078	1.415
J-155	22.36	5.00	2	09:46	0.082	1.515
J-156	22.98	3.78	2	07:22	0.086	1.728
J-158	19.56	20.24	2	10:14	0.526	1.680
J-160	19.75	8.74	2	07:54	0.067	1.589
J-161	6.20	4.92	2	09:48	0.078	0.254
J-162	0.93	6.71	1	17:51	0.015	0.002
J-163	6.48	6.56	2	07:24	0.082	0.599
J-164	3.00	5.14	2	07:04	0.039	0.009
J-165	2.45	5.53	2	10:08	0.032	0.002
J-166	1.34	6.25	1	22:15	0.021	0.000
J-167	1.48	8.21	2	09:34	0.033	0.006
J-168	2.50	5.79	2	08:36	0.039	0.004
J-169	4.18	4.82	2	09:36	0.058	0.160
J-170	4.64	3.16	2	10:49	0.044	0.149
J-174	21.98	5.52	2	09:20	0.101	2.289
J-175	23.18	2.69	2	08:52	0.073	2.039
J-176	21.29	9.84	2	07:12	0.116	1.580
J-179	23.03	11.55	2	06:59	0.216	1.967
J-18	18.46	22.39	2	11:38	0.310	1.696
J-180	19.18	15.40	2	10:41	0.399	2.063
J-185	19.16	17.73	2	10:49	0.525	1.999
J-188	20.50	13.89	2	09:50	0.264	2.568
J-188A	14.18	6.84	2	17:25	0.111	1.395
J-191	20.20	54.55	2	12:44	0.302	1.917
J-191A	17.22	33.31	2	12:44	0.385	0.877
J-195	21.15	16.29	2	09:29	0.229	2.645
J-198	33.42	7.25	2	12:14	0.347	2.703
J-199	30.93	6.43	2	02:57	0.224	2.562
J-203	27.93	7.79	2	12:15	0.458	2.579
J-204	29.36	7.66	1	06:52	0.197	2.636
J-206	30.21	5.66	2	08:17	0.221	2.408
J-208	28.60	6.46	2	07:34	0.257	2.386
J-209	30.21	5.36	2	09:03	0.245	2.296
J-212	29.97	5.45	2	08:53	0.255	2.095
J-213	21.25	10.10	2	09:54	0.460	2.396
J-217	32.87	8.23	2	12:14	0.665	3.081
J-218	34.95	9.90	2	08:10	0.448	2.655
J-222	25.60	22.51	2	06:27	0.563	3.299
J-223	20.73	35.04	1	08:41	0.536	2.228
J-225	28.43	4.96	2	06:32	0.136	1.878
J-226	28.05	5.03	1	21:52	0.137	1.869

J-232	28.94	4.22	2	09:11	0.156	1.771
J-233	21.14	6.75	2	12:15	0.241	1.619
J-235	21.30	6.18	2	08:47	0.072	1.656
J-238	25.30	14.94	2	08:02	0.339	1.751
J-24	19.25	4.45	2	11:14	0.056	1.913
J-242	28.00	7.52	2	05:32	0.242	1.900
J-244	33.16	4.83	2	06:42	0.230	1.903
J-247	31.26	5.83	2	05:53	0.278	1.942
J-248	27.53	15.28	1	09:32	0.320	1.992
J-249	25.65	14.46	0	23:01	0.574	1.941
J-25	18.55	18.19	2	11:36	0.479	1.877
J-253	32.76	6.03	2	12:14	0.345	0.653
J-254	33.95	5.95	1	01:31	0.440	0.525
J-256	26.87	7.70	2	12:14	0.419	0.370
J-259	29.38	5.05	2	07:43	0.343	0.112
J-260	0.09	7.31	3	01:04	0.004	0.007
J-261	13.25	51.92	3	00:33	0.135	0.254
J-261-WEIR	4.27	21.39	3	01:23	0.007	0.528
J-262	0.84	4.45	2	07:58	0.011	0.005
J-266	32.88	7.71	1	18:46	0.538	1.392
J-267	31.49	7.86	2	07:55	0.504	1.386
J-268-WEIR	3.50	21.69	3	01:53	0.087	1.637
J-269	24.24	8.03	2	11:04	0.222	1.898
J-27	18.44	20.99	2	11:41	0.256	1.943
J-275	27.15	36.75	2	01:43	0.777	1.755
J-278	1.62	4.03	1	18:23	0.025	0.001
J-280	12.83	3.47	0	16:21	0.167	0.003
J-281	32.94	4.45	1	05:44	0.214	0.757
J-282	28.28	4.34	2	12:14	0.228	1.029
J-283	24.68	11.72	2	21:34	0.663	1.947
J-284	1.58	66.13	3	00:48	0.410	0.936
J-285	34.93	33.92	1	20:01	1.847	2.014
J-286	28.17	25.62	2	07:24	0.634	2.004
J-288	20.16	50.92	2	20:55	1.703	2.750
J-290	20.13	20.47	2	10:14	0.300	1.522
J-293	24.47	6.22	1	21:35	0.105	1.486
J-295	23.11	6.28	2	03:32	0.085	1.381
J-296	26.12	5.99	1	11:36	0.173	1.674
J-297	26.93	22.60	2	03:55	0.332	1.998
J-30	21.18	2.71	2	10:38	0.093	1.932
J-300	26.19	19.67	1	20:01	0.365	1.994
J-301	28.33	16.89	1	06:13	0.387	1.998
J-304	19.05	11.96	2	07:43	0.073	1.956
J-305	18.47	20.07	2	07:41	0.147	1.901
J-31	18.37	14.44	2	11:38	0.333	2.029
J-310	18.35	6.21	2	07:48	0.102	1.731
J-312	18.29	6.65	2	07:48	0.036	1.712
J-314	18.28	16.89	2	11:47	0.319	1.807
J-317	19.04	5.31	2	12:14	0.149	1.761
J-321	18.29	4.00	2	20:45	0.170	1.755
J-323	19.21	3.53	2	07:48	0.058	1.922
J-324	18.29	10.51	2	11:42	0.176	1.787
J-327	19.49	4.57	2	11:01	0.059	1.958
J-328	18.59	35.31	2	11:41	0.364	1.961
J-33	17.68	3.51	2	09:06	0.027	1.245
J-333	26.87	3.16	2	09:09	0.135	2.220
J-334	25.30	4.81	2	09:29	0.132	2.027
J-335	25.05	4.21	2	09:31	0.107	1.646
J-341	20.30	17.47	2	10:02	0.484	1.519
J-341A	16.70	8.25	3	00:04	0.132	0.589
J-342	20.74	14.56	2	12:14	0.490	1.961
J-343	21.39	6.75	2	02:37	0.099	1.782
J-348	23.66	3.54	2	09:58	0.100	1.808
J-351	19.19	12.87	2	10:06	0.174	1.460
J-351A	16.57	9.03	3	00:04	0.170	0.587
J-354	18.41	34.22	2	12:43	0.351	1.454
J-354A	18.24	68.46	2	12:44	0.412	1.480
J-354B	16.95	75.10	2	12:44	0.828	0.978
J-355	18.34	14.64	2	11:34	0.608	1.636
J-359	18.25	12.03	3	00:04	0.448	1.740
J-36	18.84	2.45	2	11:54	0.047	1.895
J-362	18.95	3.61	2	10:56	0.035	1.140
J-363	18.61	5.62	2	12:15	0.305	1.180
J-364	18.25	4.32	0	22:35	0.026	1.138
J-367	21.11	8.35	2	08:59	0.075	1.674
J-368	20.31	8.77	2	12:15	0.278	1.682
J-369	20.50	7.28	2	09:54	0.077	1.334
J-374	18.43	3.32	2	10:18	0.028	1.194
J-375	19.91	26.08	2	10:42	0.103	1.337
J-380	18.38	16.46	2	11:37	0.282	1.201

J-381	18.41	5.57	2	11:36	0.028	1.193
J-384	20.72	29.64	2	11:12	0.310	1.288
J-385	17.98	10.42	2	09:51	0.022	0.524
J-388	22.27	13.61	2	09:51	0.234	1.286
J-389	21.68	11.32	2	09:51	0.121	1.186
J-393	24.91	7.59	2	10:00	0.156	1.186
J-396	27.04	5.79	2	12:15	0.207	1.160
J-399	22.76	4.77	2	10:23	0.095	0.709
J-40	18.27	36.27	2	11:34	0.507	1.688
J-402	19.37	15.94	2	10:47	0.116	2.204
J-405	20.95	5.02	2	10:07	0.063	1.418
J-407	21.35	6.36	2	10:29	0.075	1.584
J-409	20.26	6.38	2	10:59	0.063	1.609
J-410	19.44	5.88	2	11:54	0.076	1.285
J-412	19.36	5.53	2	09:20	0.042	1.369
J-414	20.58	7.25	2	10:50	0.082	2.150
J-415	19.25	28.68	2	11:13	0.493	1.673
J-416	19.48	7.44	2	11:21	0.051	1.429
J-417	19.49	15.57	2	11:16	0.130	1.016
J-42	21.88	27.80	2	08:16	0.429	3.245
J-421	20.15	12.17	2	10:45	0.205	1.489
J-422	19.03	22.91	2	10:40	0.278	1.408
J-423	18.23	22.22	2	13:47	0.474	1.051
J-424	23.37	4.28	2	09:50	0.092	1.621
J-427	23.51	4.21	2	10:34	0.094	1.650
J-430	18.57	15.57	2	09:37	0.494	1.487
J-431	18.64	40.52	2	11:30	0.493	1.401
J-432	23.04	9.14	2	10:42	0.208	1.622
J-433	26.12	7.51	2	07:10	0.182	1.594
J-434	24.76	7.90	1	21:55	0.153	1.451
J-435	25.74	6.70	2	08:54	0.197	1.254
J-436	25.16	9.14	1	02:17	0.186	1.724
J-437	27.53	10.24	2	11:59	0.527	2.122
J-438	28.51	8.57	2	12:15	0.633	1.721
J-439	26.73	6.95	2	04:24	0.239	1.549
J-440	18.02	18.66	3	05:37	0.309	0.960
J-441	6.67	19.44	3	05:36	0.157	0.070
J-444	20.54	79.48	2	13:49	0.638	4.189
J-444-WEIR	13.32	28.28	3	05:29	0.023	0.570
J-445	18.59	40.85	2	13:45	0.232	1.192
J-448	19.23	9.12	2	11:30	0.071	1.378
J-450	19.15	13.18	2	11:41	0.091	1.341
J-454	19.28	8.49	2	11:22	0.076	1.378
J-455	22.11	7.93	2	07:18	0.108	2.584
J-459	22.47	26.11	2	12:17	1.566	2.583
J-460-NEW	22.25	29.85	2	07:05	0.447	3.072
J-463	22.09	31.39	2	07:07	0.450	3.082
J-466	18.86	105.00	3	02:13	0.852	2.955
J-468	19.05	15.64	2	09:32	0.204	3.154
J-47	14.40	12.82	3	05:21	0.611	0.149
J-470	0.45	51.54	2	08:22	0.054	0.038
J-471	17.61	115.21	3	02:15	0.815	2.679
J-478	1.51	72.20	2	09:41	0.313	0.221
J-479	2.30	65.80	2	10:12	0.441	0.234
J-480	1.54	46.16	2	09:45	0.178	0.051
J-481	4.03	32.42	2	09:45	0.526	0.104
J-482	1.22	26.31	1	20:24	0.094	0.016
J-484	1.50	15.27	1	20:25	0.051	0.049
J-485	1.94	11.67	2	06:34	0.042	0.020
J-486	2.76	24.86	2	07:24	0.157	0.213
J-487	2.06	19.79	2	10:47	0.087	0.023
J-489	1.31	17.69	2	07:26	0.042	0.006
J-491	3.84	13.08	2	07:26	0.090	0.163
J-492	7.78	7.77	2	11:22	0.140	0.020
J-493	20.84	15.21	1	18:20	0.217	0.441
J-495	4.75	12.92	2	10:38	0.117	0.023
J-497	21.93	6.22	2	11:56	0.164	1.408
J-498	18.28	15.42	2	11:01	0.192	0.850
J-499	18.09	8.96	2	08:27	0.020	0.553
J-5	20.22	27.40	2	12:15	1.459	2.647
J-50	9.50	9.03	2	08:58	0.267	0.033
J-500	18.64	8.73	2	11:00	0.037	0.957
J-505	18.91	11.32	2	11:54	0.060	1.442
J-508	18.43	13.70	2	11:55	0.224	0.551
J-51	4.07	26.83	3	05:30	0.301	0.350
J-512	18.88	13.18	2	11:29	0.102	1.246
J-518	18.82	10.22	2	11:29	0.097	1.071
J-53	19.47	3.14	2	08:56	0.072	2.751
J-534	26.81	7.31	2	12:14	0.411	2.512
J-537	18.36	6.63	2	06:52	0.077	3.094

J-539	23.08	33.95	2	12:19	1.498	4.045
J-539-WEIR	19.64	46.11	2	10:43	0.766	3.178
J-54	20.87	17.14	2	10:43	0.643	3.200
J-541	21.74	9.67	2	12:14	0.471	3.623
J-544	24.65	7.22	2	10:50	0.243	0.702
J-548	0.70	30.96	3	05:47	0.079	0.224
J-550	0.54	21.43	3	05:47	0.042	0.024
J-553	4.48	28.87	0	23:50	0.311	0.019
J-554	1.49	31.33	1	18:25	0.172	0.016
J-555	2.53	27.54	2	08:56	0.188	0.001
J-559	1.77	20.11	1	21:02	0.092	0.003
J-560	2.18	15.53	1	21:02	0.125	0.019
J-563	18.25	31.04	2	11:34	0.347	2.185
J-565	20.88	13.44	2	08:12	0.233	1.917
J-566	13.99	162.04	2	12:45	1.914	1.909
J-567	11.34	5.66	2	10:39	0.109	0.848
J-568	18.44	23.65	2	12:19	0.229	1.920
J-569	18.11	18.29	2	18:04	0.457	2.312
J-570	18.14	30.66	2	12:17	0.559	2.829
J-571	17.82	25.28	2	21:21	1.032	1.725
J-575	0.00	37.47	0	00:00	0.001	0.002
J-576	1.86	4.28	2	12:24	0.036	0.005
J-577	0.03	3.82	2	12:24	0.000	0.008
J-578	3.72	5.45	2	09:36	0.067	0.004
J-58	21.18	16.26	2	10:01	0.532	3.445
J-581	9.02	4.10	2	09:51	0.133	0.004
J-585	6.69	24.01	2	08:07	0.165	0.580
J-588	11.78	5.41	3	01:38	0.184	0.283
J-59	20.93	23.84	2	10:09	0.585	3.252
J-591	1.71	18.81	2	09:05	0.031	0.150
J-596	13.66	2.70	3	01:37	0.131	0.280
J-598	6.84	18.11	2	11:42	0.178	0.528
J-6	18.24	11.07	2	08:19	0.067	1.446
J-60	21.82	5.41	2	09:51	0.122	3.277
J-601	3.93	5.05	2	10:24	0.043	0.158
J-602	3.75	6.57	2	09:03	0.044	0.221
J-603	0.05	4.25	2	10:01	0.001	0.002
J-604	0.26	2.49	2	09:38	0.002	0.002
J-606	2.87	6.25	2	09:37	0.035	0.267
J-607	2.08	6.05	2	10:59	0.027	0.082
J-609	2.19	6.99	2	09:18	0.033	0.047
J-61	20.87	12.30	2	11:22	0.261	3.204
J-611	7.88	23.84	2	11:43	0.301	0.525
J-613	7.48	3.99	2	11:26	0.047	0.273
J-615	6.52	3.69	2	10:21	0.045	0.190
J-618	26.74	3.40	2	10:49	0.122	2.125
J-61A	0.00	9.59	3	05:03	0.000	0.000
J-623	20.35	11.45	2	11:45	0.126	1.833
J-624	18.62	25.11	2	11:52	0.517	1.528
J-626	21.06	7.20	1	09:34	0.092	1.753
J-629	22.50	8.27	2	12:15	0.373	1.713
J-63	20.53	8.53	2	12:15	0.230	1.545
J-632	26.54	3.76	2	10:34	0.142	1.812
J-633	21.76	13.38	2	10:57	0.334	1.967
J-637	23.24	10.62	2	07:02	0.202	2.217
J-64	21.85	5.91	2	08:01	0.075	1.541
J-640	26.98	5.32	2	09:04	0.256	2.143
J-647	17.72	36.28	3	03:05	0.442	1.342
J-647B	0.00	14.61	3	03:05	0.000	0.000
J-650	20.89	12.43	2	08:18	0.132	1.864
J-653	18.60	23.87	2	11:35	0.371	1.726
J-654	18.69	25.05	2	11:31	0.250	1.742
J-657	20.88	11.97	2	10:29	0.174	1.556
J-659	20.88	13.39	2	08:50	0.215	1.824
J-663	26.14	15.50	2	12:15	0.897	1.834
J-665	26.60	13.82	2	07:51	0.693	1.935
J-666	23.10	14.69	1	16:22	0.285	1.887
J-67	21.36	6.70	2	11:16	0.134	1.460
J-670	25.56	14.92	2	06:59	0.373	2.137
J-672	0.01	3.41	2	11:29	0.000	0.000
J-673	18.46	23.82	2	11:21	0.916	2.340
J-678	26.82	12.68	2	08:19	0.575	2.237
J-67A	21.44	6.37	2	08:28	0.087	1.461
J-682	12.75	6.63	2	12:14	0.128	1.127
J-684	5.55	2.83	2	11:36	0.033	0.321
J-686	2.98	3.23	2	11:34	0.004	0.072
J-687	1.42	4.07	2	11:39	0.007	0.173
J-691	1.86	4.90	2	11:43	0.006	0.085
J-692	1.02	0.17	2	12:07	0.001	0.051
J-693	0.00	2.51	0	00:00	0.000	0.000

J-697	0.32	3.62	2	10:36	0.005	0.002
J-7	21.99	9.79	2	07:55	0.164	2.104
J-700	0.27	2.54	2	11:13	0.003	0.000
J-701	0.01	2.33	2	11:18	0.000	0.000
J-702	0.00	1.25	2	09:05	0.000	0.000
J-705	0.12	3.85	2	09:05	0.002	0.001
J-707	0.20	4.26	2	08:59	0.003	0.001
J-710	1.21	3.34	2	12:15	0.023	0.101
J-712	13.77	5.60	2	12:15	0.149	0.878
J-714	13.76	6.80	2	12:14	0.178	0.867
J-719	7.78	3.94	2	12:13	0.074	0.631
J-72	19.91	6.68	1	04:27	0.051	1.537
J-721	4.46	3.77	2	08:17	0.007	0.331
J-725	4.85	14.58	2	07:19	0.020	0.420
J-728	4.86	10.88	2	07:53	0.081	0.432
J-73	21.35	5.82	2	04:49	0.071	1.561
J-734	4.58	28.38	2	07:34	0.094	0.463
J-735	6.49	25.30	2	11:52	0.207	1.057
J-736	47.11	24.67	0	22:49	1.309	3.920
J-74	21.84	5.68	2	04:58	0.165	1.548
J-740	36.25	3.38	2	09:59	0.313	2.971
J-741	26.81	7.37	2	09:04	0.321	2.574
J-744	26.55	10.14	2	09:05	0.405	3.161
J-745	19.28	14.78	2	10:50	0.300	3.178
J-748	18.30	25.07	2	11:39	0.107	2.568
J-748-WEIR-STANTEC	18.28	21.66	2	11:24	0.085	2.566
J-749	29.34	6.48	2	08:21	0.458	2.515
J-750	18.29	18.96	2	11:25	0.285	1.550
J-751	20.57	9.75	2	07:38	0.190	2.431
J-752	18.56	30.80	2	11:33	0.077	2.601
J-753	18.83	5.83	2	11:41	0.071	2.740
J-754	18.79	127.66	2	22:17	5.946	3.008
J-754-WEIR-STANTEC	18.30	27.32	2	11:37	0.062	2.600
J-754A	0.13	97.63	2	23:56	0.120	0.020
J-755	6.56	9.83	2	10:01	0.112	0.531
J-757	4.46	19.65	2	10:06	0.081	0.480
J-760	21.45	12.84	2	10:23	0.201	2.464
J-761	20.25	15.70	2	09:46	0.121	1.740
J-763	26.38	20.37	2	11:07	1.163	1.017
J-764	24.45	10.37	2	10:20	0.290	2.316
J-766	4.50	15.12	2	11:57	0.076	0.442
J-768	3.02	3.73	2	11:52	0.008	0.390
J-769	2.48	3.78	1	07:23	0.007	0.307
J-77	20.07	22.02	2	09:58	0.183	2.314
J-771	2.22	8.00	2	05:18	0.006	0.149
J-772	2.69	4.78	1	17:01	0.020	0.112
J-774	2.38	5.91	2	08:58	0.008	0.122
J-776	2.30	6.41	2	08:49	0.014	0.122
J-778	0.05	4.58	2	08:26	0.001	0.002
J-77A	0.00	12.69	2	10:49	0.000	0.000
J-780	0.02	2.46	2	11:46	0.000	0.001
J-782	1.43	1.02	2	14:04	0.002	0.083
J-784	2.17	3.07	2	12:12	0.034	0.259
J-786	1.77	1.57	3	00:11	0.004	0.197
J-788	1.36	2.54	2	11:13	0.003	0.116
J-790	0.95	3.06	1	16:32	0.002	0.051
J-792	0.36	2.86	1	16:32	0.002	0.007
J-793	1.12	6.01	1	16:32	0.004	0.060
J-795	0.85	2.82	2	11:52	0.002	0.025
J-799	0.47	5.52	3	02:53	0.006	0.006
J-799-WEIR-EAC	1.06	13.43	1	20:25	0.016	0.005
J-80	21.87	9.53	2	12:15	0.304	1.701
J-800	15.84	11.06	2	09:24	0.051	0.557
J-802	16.72	7.56	3	03:18	0.056	0.661
J-806	15.06	5.67	2	10:46	0.045	0.563
J-809	13.45	12.44	3	01:44	0.053	0.505
J-810	16.35	8.83	3	01:57	0.071	0.757
J-813	16.82	6.42	2	08:51	0.050	0.702
J-816	17.06	6.53	2	12:14	0.196	0.839
J-819	15.93	5.59	2	09:00	0.044	0.651
J-82	20.49	7.55	2	11:05	0.093	1.779
J-822	17.41	6.67	2	12:15	0.182	0.779
J-826	18.34	7.22	2	12:14	0.241	0.932
J-829	17.65	7.41	2	09:32	0.048	0.719
J-83	19.51	23.44	2	10:49	0.299	1.775
J-831	17.82	6.72	2	08:17	0.182	0.764
J-836	17.55	7.46	2	11:07	0.154	0.696
J-838	7.36	4.34	2	12:15	0.084	0.322
J-83A	0.00	10.14	3	05:44	0.000	0.000
J-84	20.30	8.56	2	10:30	0.070	1.771

J-841	7.41	6.53	2	11:15	0.036	0.378
J-844	8.17	8.93	2	12:15	0.199	0.519
J-848	1.04	6.87	2	11:06	0.026	0.005
J-850	0.16	5.95	2	11:07	0.005	0.003
J-851	0.25	8.20	2	11:28	0.007	0.005
J-87	20.84	6.69	2	11:00	0.086	1.990
J-879	0.55	4.45	3	03:36	0.015	0.000
J-88	20.38	5.96	2	11:43	0.080	1.934
J-880	25.60	10.51	2	11:29	0.436	0.620
J-881	0.59	9.15	3	02:31	0.036	0.002
J-882	21.66	9.39	2	07:48	0.472	0.279
J-883	22.76	11.73	2	07:02	0.501	0.327
J-884	5.12	38.24	2	21:20	0.203	0.436
J-888	21.67	6.53	2	08:09	0.098	2.481
J-889	22.56	6.13	2	07:51	0.112	2.410
J-891	22.31	8.47	2	09:03	0.089	2.395
J-892	21.89	7.34	2	07:53	0.112	2.295
J-894	23.31	6.53	2	08:12	0.116	2.654
J-896	23.68	6.80	2	08:00	0.186	2.843
J-899	20.01	21.43	2	11:53	0.527	2.280
J-902	0.00	32.54	2	12:43	0.001	0.084
J-903	19.71	49.85	2	22:56	2.543	1.561
J-903A	0.11	86.67	2	21:37	0.061	0.026
J-910	0.06	0.19	2	12:15	0.000	0.000
J-912	0.79	3.40	2	12:15	0.018	0.036
J-917	0.03	7.17	0	23:29	0.001	0.001
J-918	0.18	5.28	2	11:13	0.003	0.000
J-920	0.00	2.05	0	20:28	0.000	0.000
J-934	19.91	132.27	2	21:35	5.561	2.489
J-934A	0.14	101.73	3	00:42	0.134	0.029
J-951	1.50	10.45	2	11:04	0.040	0.005
J-953	1.16	11.02	2	11:07	0.048	0.018
J-954	0.90	23.94	2	07:37	0.053	0.027
J-958	22.68	49.68	2	07:32	1.440	4.141
J-96	18.91	8.20	2	09:44	0.055	1.353
J-963	23.52	10.91	2	08:51	0.234	4.377
J-99	20.70	5.59	2	10:21	0.077	2.317
JCT-24	0.40	28.16	2	22:43	0.040	0.289
JCT-26	11.06	71.99	2	21:18	0.577	0.741
JCT-26-WEIR	3.16	22.60	2	16:25	0.028	0.739
JCT-28	0.02	30.78	2	12:19	0.009	0.001
JCT-28-WEIR	0.00	18.40	2	12:22	0.000	0.000
JCT-30	22.56	48.98	2	11:33	0.267	4.380
JCT-46	29.29	52.75	0	00:00	3.033	1.160
JCT-64	25.69	11.47	2	07:58	0.291	1.784

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
J-856-STORAGE-NEW	1.181	31.76	0.0	0.0	2.816	76	2 12:22	16.00

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
J-171	18.53	4.26	13.01	3.338
J-263	19.01	3.83	7.48	2.861
J-279	69.54	2.61	7.73	4.604
J-33A	50.42	1.26	2.82	1.866
J-386	17.33	1.55	1.70	0.972
J-442	37.88	5.30	14.33	7.210
J-561A	34.95	3.45	19.08	4.073
J-567A	17.41	2.55	2.82	1.608
J-582	10.81	3.07	5.23	1.741
J-605	19.11	1.55	6.88	1.539
J-671	44.91	2.26	8.38	3.956
J-694	3.13	1.25	9.16	0.211
J-703	2.14	2.39	7.27	0.267
J-909	98.19	0.23	7.18	0.659
J-911	98.14	0.47	10.36	1.345
J-913	0.00	0.00	0.00	0.000
J-919	53.07	0.48	11.86	0.822
J-920A	4.02	0.30	3.83	0.020
J-963A	14.17	0.41	8.25	0.332
J575A	21.03	1.43	54.79	1.629
OFALL-10	45.74	2.47	4.62	3.169
OFALL-12	27.88	1.77	2.84	1.682
OFALL-14	26.67	1.03	1.41	0.871
OFALL-16	19.22	3.12	3.85	2.185
OFALL-18	15.97	1.90	2.06	1.145
OFALL-20	40.49	0.89	1.44	1.006
OFALL-22	12.55	1.80	1.95	0.985
OFALL-24	10.39	1.87	1.90	0.864
OFALL-26	59.06	1.36	2.27	1.914
OFALL-28	12.09	3.55	3.79	1.890
OFALL-30	73.02	0.86	1.90	1.516
OFALL-32	43.73	1.15	2.27	1.483
OFALL-34	18.00	0.59	0.63	0.365
OFALL-36	26.87	1.00	1.21	0.794
OFALL-38	99.02	0.36	1.28	0.889
OFALL-40	86.19	0.25	1.28	0.675
OFALL-42	90.77	0.33	1.28	0.813
OFALL-44	96.55	0.63	3.30	1.559
OFALL-46	72.08	0.57	1.90	0.959
OFALL-48	72.93	0.62	2.84	1.147
OFALL-50	90.16	0.36	1.28	0.776
OFALL-52	88.88	1.24	1.28	2.004
OFALL-54	95.95	0.82	2.84	1.945
OFALL-66	44.29	1.47	3.79	2.224
WELL-2E	50.73	4.61	55.95	6.167
WELL-3	66.53	0.48	4.86	1.162
WELL-4	68.34	1.37	12.49	3.412
WELL-W-ENID-DR	70.75	1.67	3.79	2.909
System	44.97	76.81	237.37	85.564

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Link Flow Summary
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Link	Type	Maximum |Run Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Output Flow| CFS	Time of Max Occurrence days hr:min	Max/ Full Flow	Maximum |Veloc| ft/sec	Time of Max Occurrence days hr:min	Max/ Full Depth	Time of Max Occurrence days hr:min	Maximum Top Width ft
C-WELL3W	CONDUIT	4.86	0 00:00	3.67	2 12:15	1.00	5.69	0 00:00	1.00	0 00:00	0.42
C-WELL4E	CONDUIT	12.49	0 00:00	11.08	2 12:15	0.36	5.24	0 00:00	1.00	2 11:58	0.94
CDT-101	CONDUIT	14.76	2 09:50	10.62	2 09:37	2.89	2.09	2 09:50	1.00	2 06:03	3.00
CDT-103	CONDUIT	49.64	2 12:44	16.34	2 12:45	9.72	7.02	2 12:44	1.00	2 06:16	3.00
CDT-105	CONDUIT	17.74	2 10:02	10.77	2 09:12	3.47	2.51	2 10:02	1.00	2 06:48	3.00
CDT-107	CONDUIT	16.71	2 12:44	11.50	2 12:24	3.27	2.36	2 12:44	1.00	2 07:14	3.00
CDT-109	CONDUIT	15.41	2 11:49	10.16	2 11:49	3.02	2.18	2 11:49	1.00	2 07:15	3.00
CDT-11	CONDUIT	3.54	2 11:48	3.25	2 13:35	1.28	3.97	2 11:48	1.00	0 15:12	1.07
CDT-111	CONDUIT	21.20	2 11:25	12.37	2 09:11	4.15	3.00	2 11:25	1.00	2 05:30	3.00
CDT-113	CONDUIT	14.92	2 10:39	8.01	2 10:12	2.92	2.11	2 10:39	1.00	2 08:44	3.00
CDT-115	CONDUIT	15.92	2 09:29	11.07	2 09:17	1.45	1.27	2 09:29	1.00	2 06:13	4.00
CDT-121	CONDUIT	55.95	0 00:00	23.50	2 12:03	0.14	9.21	0 00:00	1.00	0 00:00	1.73
CDT-123	CONDUIT	93.86	2 12:44	81.48	2 12:45	18.37	13.28	2 12:44	1.00	0 22:34	3.00
CDT-125	CONDUIT	20.90	2 11:30	7.24	2 11:19	1.90	1.66	2 11:30	1.00	1 00:40	4.00
CDT-171	CONDUIT	13.99	2 07:13	13.61	2 07:13	0.14	1.13	2 07:13	1.00	2 07:07	4.00
CDT-173	CONDUIT	23.00	2 10:59	18.95	2 10:07	1.48	2.91	0 18:54	1.00	2 09:13	4.00
CDT-175	CONDUIT	14.19	2 11:36	9.53	2 11:46	0.91	1.13	2 11:36	1.00	2 09:23	4.00
CDT-177	CONDUIT	14.19	2 11:36	8.33	2 11:46	0.91	1.13	2 11:36	1.00	2 09:23	4.00
CDT-179	CONDUIT	7.18	2 11:43	4.49	2 11:43	0.01	0.57	2 11:43	1.00	2 11:42	4.00
CDT-181	CONDUIT	18.65	2 12:18	10.50	2 12:22	1.20	1.48	2 12:18	1.00	2 09:23	4.00
CDT-183	CONDUIT	26.30	2 08:07	13.47	2 11:33	1.69	2.09	2 08:07	1.00	2 08:07	4.00
CDT-185	CONDUIT	20.62	2 12:15	6.94	2 12:37	1.32	1.64	2 12:15	1.00	2 09:23	4.00
CDT-187	CONDUIT	15.02	2 10:08	8.04	2 07:43	0.97	1.20	2 10:08	1.00	1 03:15	4.00
CDT-189	CONDUIT	15.02	2 10:08	8.04	2 07:43	0.97	1.20	2 10:08	1.00	1 03:15	4.00
CDT-191	CONDUIT	16.51	2 11:47	15.00	2 09:06	1.06	1.31	2 11:47	1.00	2 09:43	4.00
CDT-193	CONDUIT	27.58	2 06:59	24.77	2 07:13	1.77	2.19	2 06:59	1.00	2 05:32	4.00
CDT-195	CONDUIT	14.73	2 21:23	11.65	2 21:25	0.95	1.17	2 21:23	1.00	0 18:17	4.00
CDT-197	CONDUIT	25.92	2 11:33	18.48	2 11:44	1.67	2.06	2 11:33	1.00	2 07:59	4.00
CDT-199	CONDUIT	23.96	2 11:38	12.54	2 11:40	1.54	1.91	2 11:38	1.00	2 08:02	4.00
CDT-201	CONDUIT	19.71	2 11:36	12.59	2 11:44	1.27	1.57	2 11:36	1.00	2 07:59	4.00
CDT-205	CONDUIT	24.42	2 11:35	20.10	2 11:36	1.57	1.94	2 11:35	1.00	2 07:59	4.00
CDT-207	CONDUIT	30.54	2 11:34	16.59	2 11:37	1.96	2.43	2 11:34	1.00	2 07:30	4.00
CDT-209	CONDUIT	14.47	2 11:39	11.96	2 21:34	0.93	1.15	2 11:39	1.00	0 23:08	4.00
CDT-211	CONDUIT	17.08	3 00:31	14.98	3 00:32	1.10	1.36	3 00:31	1.00	0 23:08	4.00
CDT-213	CONDUIT	30.90	1 14:06	25.15	1 16:43	1.99	2.46	1 14:06	1.00	0 23:01	4.00
CDT-215	CONDUIT	20.98	2 10:14	12.87	2 10:17	1.35	1.81	1 22:48	1.00	2 06:10	4.00
CDT-217	CONDUIT	11.11	2 11:39	5.25	2 11:49	0.03	0.88	2 11:39	1.00	2 08:00	4.00
CDT-219	CONDUIT	36.23	2 11:41	21.08	2 11:37	2.33	2.88	2 11:41	1.00	2 07:58	4.00
CDT-221	CONDUIT	15.65	2 11:47	13.88	2 11:47	1.01	1.25	2 11:47	1.00	2 11:41	4.00
CDT-223	CONDUIT	22.73	2 11:41	14.86	2 11:46	1.46	1.81	2 11:41	1.00	2 08:06	4.00
CDT-225	CONDUIT	5.69	2 02:19	4.99	2 12:17	0.37	1.12	2 02:23	1.00	2 11:42	4.00
CDT-227	CONDUIT	18.29	2 12:25	11.73	2 11:58	1.18	1.46	2 12:25	1.00	2 08:27	4.00
CDT-229	CONDUIT	15.01	2 11:34	9.81	2 12:27	0.96	1.19	2 11:34	1.00	2 07:47	4.00
CDT-231	CONDUIT	14.21	2 11:41	7.80	2 11:37	0.91	1.13	2 11:41	1.00	2 07:47	4.00
CDT-233	CONDUIT	20.70	2 08:14	16.57	2 08:15	1.33	1.65	2 08:14	1.00	2 07:42	4.00
CDT-235	CONDUIT	38.10	3 03:36	21.55	3 05:04	2.45	3.03	3 03:36	1.00	2 08:49	4.00
CDT-237	CONDUIT	11.74	2 11:43	10.13	2 11:44	0.02	0.93	2 11:43	1.00	2 08:27	4.00
CDT-239	CONDUIT	15.47	2 10:00	12.74	2 09:19	0.99	1.23	2 10:00	1.00	2 06:37	4.00
CDT-241	CONDUIT	15.01	2 11:34	7.43	2 11:37	0.96	1.19	2 11:34	1.00	2 07:47	4.00
CDT-243	CONDUIT	12.68	2 12:03	11.74	2 11:56	0.02	1.01	2 12:03	1.00	2 08:44	4.00
CDT-245	CONDUIT	8.59	2 10:44	6.13	2 09:54	0.02	0.68	2 10:44	1.00	2 08:44	4.00

CDT-247	CONDUIT	20.47	2	11:31	16.27	2	11:45	1.32	1.63	2	11:31	1.00	2	07:46	4.00
CDT-249	CONDUIT	19.12	2	10:31	17.00	2	11:53	1.23	1.52	2	10:31	1.00	2	07:45	4.00
CDT-251	CONDUIT	10.74	2	11:42	6.71	2	07:50	0.69	1.35	2	11:06	1.00	2	11:42	4.00
CDT-253	CONDUIT	16.60	2	11:38	11.54	2	11:48	1.07	1.32	2	11:38	1.00	2	08:25	4.00
CDT-255	CONDUIT	10.66	2	09:31	7.26	2	09:21	2.17	0.85	2	09:31	1.00	2	06:36	4.00
CDT-257	CONDUIT	14.97	2	10:28	10.87	2	10:31	2.61	1.19	2	10:28	1.00	2	06:36	4.00
CDT-259	CONDUIT	18.58	2	11:14	15.17	3	02:16	1.19	1.48	2	11:14	1.00	2	08:52	4.00
CDT-261	CONDUIT	24.18	2	11:52	16.19	2	11:43	1.55	2.60	0	00:00	1.00	2	06:54	4.00
CDT-263	CONDUIT	19.66	2	11:01	16.09	2	10:58	1.26	1.63	2	10:57	1.00	2	11:01	4.00
CDT-265	CONDUIT	25.72	1	17:30	16.89	0	16:20	1.65	2.05	1	17:30	1.00	0	15:54	4.00
CDT-267	CONDUIT	25.72	1	17:30	16.89	0	16:20	1.65	2.05	1	17:30	1.00	0	15:54	4.00
CDT-269	CONDUIT	15.77	2	11:52	12.14	2	11:58	1.01	1.41	2	11:52	1.00	2	11:52	4.00
CDT-271	CONDUIT	21.02	2	09:37	10.81	2	08:26	1.35	1.68	2	09:37	1.00	2	09:37	4.00
CDT-273	CONDUIT	23.59	2	11:30	13.07	2	10:52	1.52	2.92	0	14:48	1.00	2	07:04	4.00
CDT-275	CONDUIT	20.73	2	10:14	20.58	2	10:14	1.33	1.84	2	07:01	1.00	2	09:20	4.00
CDT-277	CONDUIT	13.59	2	10:36	9.33	2	11:17	0.87	1.08	2	10:36	1.00	2	09:54	4.00
CDT-279	CONDUIT	23.13	2	11:30	12.33	0	18:53	1.49	2.92	0	14:48	1.00	2	07:04	4.00
CDT-281	CONDUIT	13.59	2	10:36	9.34	2	11:17	0.87	1.08	2	10:36	1.00	2	09:54	4.00
CDT-283	CONDUIT	20.70	2	09:58	9.62	2	08:22	1.33	1.65	2	09:58	1.00	2	08:51	4.00
CDT-285	CONDUIT	18.21	2	10:47	10.61	2	10:36	1.17	1.45	2	10:47	1.00	2	09:52	4.00
CDT-287	CONDUIT	23.00	2	10:40	15.46	2	10:40	1.48	1.83	2	10:40	1.00	2	09:36	4.00
CDT-289	CONDUIT	28.98	2	11:37	7.44	2	20:39	1.86	2.31	2	11:37	1.00	2	11:37	4.00
CDT-291	CONDUIT	21.54	2	07:26	14.45	2	20:40	1.38	1.71	2	07:26	1.00	1	06:47	4.00
CDT-293	CONDUIT	26.55	2	10:32	15.91	2	20:47	1.71	2.11	2	10:32	1.00	2	09:45	4.00
CDT-295	CONDUIT	134.86	2	22:17	105.17	2	23:09	8.67	10.73	2	22:17	1.00	2	10:00	4.00
CDT-297	CONDUIT	134.96	2	21:35	97.36	2	22:27	8.67	10.74	2	21:35	1.00	2	07:44	4.00
CDT-299	CONDUIT	54.32	2	22:56	42.01	2	21:35	22.17	17.29	2	22:56	1.00	0	17:08	2.00
CDT-439	CONDUIT	13.10	2	05:33	9.83	2	10:21	19.61	4.22	2	05:33	1.00	0	15:11	2.00
CDT-493	CONDUIT	13.81	1	08:14	13.36	1	08:01	18.72	2.81	1	08:14	1.00	0	15:37	2.50
CDT-495	CONDUIT	46.27	2	21:35	42.69	2	22:30	34.13	9.43	2	21:35	1.00	0	15:07	2.50
CDT-525	CONDUIT	36.28	2	12:19	25.24	2	08:13	2.33	2.89	2	12:19	1.00	0	17:27	4.00
CDT-539	CONDUIT	29.39	2	07:50	26.95	2	07:41	1.08	4.16	2	07:50	1.00	1	06:31	3.00
CDT-87	CONDUIT	30.08	2	12:15	19.22	2	12:20	2.35	13.75	2	12:34	0.71	2	12:21	3.00
CDT-91	CONDUIT	15.05	2	12:44	14.63	2	12:44	2.95	2.13	2	12:44	1.00	0	11:40	3.00
CDT-93	CONDUIT	40.08	1	11:57	20.64	0	23:33	7.84	5.77	1	11:57	1.00	0	15:23	3.00
CDT-95	CONDUIT	15.68	2	10:51	9.78	2	19:38	3.07	2.22	2	10:51	1.00	2	08:13	3.00
CDT-97	CONDUIT	16.78	2	10:26	11.73	2	10:19	3.28	2.37	2	10:26	1.00	2	09:01	3.00
CDT-99	CONDUIT	11.36	2	09:54	8.82	2	15:56	2.22	1.61	2	09:54	1.00	1	06:53	3.00
J-963_OUTFALL	CONDUIT	8.25	0	00:00	4.03	2	12:20	23.72	8.20	0	00:00	1.00	0	00:00	0.31
J561_OUTFALL	CONDUIT	19.08	2	12:15	19.07	2	12:15	5.86	4.22	2	12:15	1.00	0	17:55	2.39
J575_OUTFALL	CONDUIT	54.79	0	00:00	18.97	2	12:22	16.84	12.14	0	00:00	1.00	0	00:00	0.94
J920_OUTFALL	CONDUIT	3.83	0	20:28	1.12	2	12:46	1.18	0.85	0	20:28	1.00	0	17:58	2.39
LINK-WELL-2	CONDUIT	14.75	2	12:14	14.75	2	12:15	7.02	2.09	2	12:14	1.00	0	14:04	2.95
U-1	CONDUIT	11.63	3	00:45	11.61	3	00:43	13.07	2.57	3	00:45	1.00	0	16:14	2.40
U-100	CONDUIT	3.48	2	10:49	2.61	2	07:38	19.60	2.49	2	10:49	1.00	0	15:15	1.33
U-101	CONDUIT	7.23	3	04:40	6.37	3	02:36	27.84	5.18	3	04:40	1.00	0	15:14	1.33
U-102	CONDUIT	4.11	2	12:52	4.10	2	12:52	21.99	2.94	2	12:52	1.00	0	15:15	1.33
U-103	CONDUIT	7.29	3	05:06	6.46	3	02:36	36.35	5.22	3	05:06	1.00	0	15:15	1.33
U-104	CONDUIT	5.18	2	11:52	4.10	2	12:52	39.85	9.51	2	11:52	1.00	0	14:04	0.83
U-105	CONDUIT	10.08	3	03:40	9.72	2	12:15	19.92	5.70	3	03:40	1.00	0	21:31	1.50
U-106	CONDUIT	13.01	2	12:15	13.00	2	12:15	2.23	6.47	2	12:15	1.00	0	21:30	1.19
U-11	CONDUIT	8.47	2	11:40	6.83	2	11:43	4.80	2.70	2	11:40	1.00	0	16:32	2.00
U-110	CONDUIT	9.39	2	07:41	8.36	2	06:59	14.99	4.67	2	07:41	1.00	0	14:10	1.60
U-112	CONDUIT	8.60	2	11:11	5.57	2	11:41	11.22	4.28	2	11:11	1.00	0	14:23	1.60
U-113	CONDUIT	2.51	0	14:25	2.39	0	14:05	25.03	2.70	0	14:25	1.00	0	13:33	1.20
U-114	CONDUIT	3.86	2	12:27	3.86	2	12:28	15.61	1.92	2	12:27	1.00	0	14:30	1.60
U-118	CONDUIT	6.38	2	09:44	4.18	2	11:49	21.14	5.64	2	09:44	1.00	0	14:52	1.20
U-121	CONDUIT	6.38	2	09:45	5.66	2	09:45	23.85	3.17	2	09:45	1.00	0	15:21	1.60
U-122	CONDUIT	7.86	2	10:57	4.20	2	08:42	16.62	3.91	2	10:57	1.00	0	15:21	1.60
U-125	CONDUIT	7.27	1	22:05	6.18	1	22:06	13.58	3.24	0	15:33	1.00	2	05:57	2.00

U-129	CONDUIT	9.55	2	11:12	5.83	2	12:15	24.93	8.44	2	11:12	1.00	0	14:48	1.20
U-13	CONDUIT	6.49	2	07:37	5.01	2	07:57	23.02	3.23	2	07:37	1.00	0	15:13	1.60
U-131	CONDUIT	3.20	1	22:06	3.15	2	12:18	24.16	2.86	1	22:06	1.00	0	14:57	1.20
U-141	CONDUIT	3.98	2	05:50	3.40	2	08:52	25.56	3.52	2	05:50	1.00	0	14:42	1.20
U-142	CONDUIT	3.83	2	01:09	3.59	2	05:33	25.25	3.39	2	01:09	1.00	0	14:42	1.20
U-147	CONDUIT	3.40	2	07:39	2.82	2	05:01	27.76	3.01	2	07:39	1.00	0	14:43	1.20
U-15	CONDUIT	3.87	2	11:54	3.69	2	12:27	1.29	3.42	2	11:54	1.00	0	15:38	1.20
U-150	CONDUIT	4.13	2	12:25	4.13	2	12:26	31.38	3.65	2	12:25	1.00	0	14:43	1.20
U-153	CONDUIT	5.01	1	09:30	3.50	1	10:35	21.61	4.43	1	09:30	1.00	0	14:43	1.20
U-155	CONDUIT	7.19	2	07:45	5.34	1	13:57	16.10	6.36	2	07:45	1.00	0	14:43	1.20
U-156	CONDUIT	3.97	2	07:29	3.59	2	07:54	28.01	3.51	2	07:29	1.00	0	14:43	1.20
U-158	CONDUIT	6.75	2	07:36	5.87	2	08:42	24.50	5.97	2	07:36	1.00	0	14:42	1.20
U-16	CONDUIT	4.13	2	12:19	4.13	2	12:19	15.05	2.05	2	12:19	1.00	1	01:30	1.60
U-160	CONDUIT	4.17	2	07:27	3.51	2	12:41	19.32	2.36	2	07:27	1.00	0	14:46	1.50
U-161	CONDUIT	10.42	2	08:10	10.02	2	08:10	45.26	9.21	2	08:10	1.00	0	14:39	1.20
U-165	CONDUIT	2.92	2	07:55	2.83	2	07:55	19.67	2.58	2	07:55	1.00	0	13:41	1.20
U-167	CONDUIT	2.58	2	07:54	2.17	1	12:22	20.52	2.28	2	07:54	1.00	0	13:41	1.20
U-17	CONDUIT	13.56	2	11:42	8.53	2	11:33	0.19	1.92	2	11:42	1.00	2	07:00	3.00
U-171	CONDUIT	2.71	2	11:40	2.38	2	11:42	22.07	2.40	2	11:40	1.00	0	13:41	1.20
U-172	CONDUIT	3.77	2	07:54	3.42	2	11:42	29.97	3.33	2	07:54	1.00	0	13:41	1.20
U-176	CONDUIT	4.40	2	11:39	3.95	2	11:40	29.18	3.89	2	11:39	1.00	0	13:41	1.20
U-177	CONDUIT	9.28	2	11:40	7.90	2	11:41	21.34	4.62	2	11:40	1.00	0	14:25	1.60
U-18	CONDUIT	4.97	2	11:42	4.43	2	11:42	14.62	4.40	2	11:42	1.00	0	16:59	1.20
U-181	CONDUIT	9.00	2	07:42	7.05	2	11:41	35.86	4.60	2	07:42	1.00	0	14:25	1.60
U-184	CONDUIT	21.40	2	07:41	13.41	2	07:42	48.57	10.64	2	07:41	1.00	0	14:25	1.60
U-186	CONDUIT	11.33	2	07:40	10.87	1	20:11	67.29	10.01	2	07:40	1.00	0	13:41	1.20
U-191	CONDUIT	6.54	2	07:25	6.10	2	06:31	44.25	5.79	2	07:25	1.00	0	13:41	1.20
U-193	CONDUIT	8.12	2	07:32	6.43	2	07:38	23.46	7.18	2	07:32	1.00	0	13:41	1.20
U-195	CONDUIT	8.06	1	11:31	5.85	2	07:38	26.72	7.12	1	11:31	1.00	0	13:41	1.20
U-196	CONDUIT	6.81	2	05:32	5.24	2	07:25	47.02	6.02	2	05:32	1.00	0	13:41	1.20
U-197	CONDUIT	22.61	1	14:04	16.52	2	02:00	26.89	11.50	2	03:25	1.00	0	14:25	1.60
U-199	CONDUIT	20.61	2	03:25	18.32	2	01:44	27.72	10.25	2	03:25	1.00	0	14:25	1.60
U-20	CONDUIT	2.71	2	11:44	2.02	2	12:20	19.45	2.40	2	11:44	1.00	0	16:59	1.20
U-200	CONDUIT	16.35	2	03:56	11.79	2	05:19	37.93	8.13	2	03:56	1.00	0	14:25	1.60
U-201	CONDUIT	27.03	2	05:20	21.13	1	11:30	38.33	8.60	2	05:20	1.00	0	15:03	2.00
U-202	CONDUIT	32.10	1	08:59	27.17	1	16:17	33.97	10.26	1	08:59	1.00	0	14:32	2.00
U-203	CONDUIT	15.75	0	15:01	15.03	0	15:34	62.06	13.93	0	15:01	1.00	0	13:41	1.20
U-204	CONDUIT	17.00	2	21:34	16.94	2	21:35	48.35	15.03	2	21:34	1.00	0	13:41	1.20
U-206	CONDUIT	7.31	2	21:35	6.82	2	21:57	37.96	6.46	2	21:35	1.00	0	13:41	1.20
U-207	CONDUIT	6.84	3	00:38	6.75	3	00:42	31.04	6.05	3	00:38	1.00	0	13:41	1.20
U-208	CONDUIT	7.04	3	02:40	7.04	3	02:41	27.04	6.22	3	02:40	1.00	0	13:41	1.20
U-211	CONDUIT	7.44	3	03:30	7.16	3	00:01	51.46	6.58	3	03:30	1.00	0	13:41	1.20
U-213	CONDUIT	7.71	3	03:57	7.16	3	00:01	36.95	6.28	3	03:57	1.00	0	13:47	1.25
U-214	CONDUIT	7.73	3	03:30	7.16	3	00:01	0.46	2.46	3	03:30	1.00	0	15:01	1.89
U-22	CONDUIT	2.85	2	12:06	2.57	2	12:14	15.32	2.52	2	12:06	1.00	0	16:59	1.20
U-220	CONDUIT	22.15	2	05:32	21.55	2	05:32	38.65	7.05	2	05:32	1.00	0	13:10	2.00
U-221	CONDUIT	10.28	1	18:28	8.11	1	10:58	21.31	9.09	1	18:28	1.00	0	09:28	1.20
U-227	CONDUIT	5.63	1	11:20	4.85	1	11:20	25.93	4.98	1	11:20	1.00	0	13:41	1.20
U-228	CONDUIT	4.87	2	07:26	3.65	1	18:45	36.62	4.31	2	07:26	1.00	0	13:41	1.20
U-231	CONDUIT	16.65	2	08:28	14.71	2	09:48	11.88	5.30	2	08:28	1.00	0	15:07	2.00
U-232	CONDUIT	6.99	0	16:02	5.56	1	06:17	0.88	3.47	0	16:02	1.00	0	14:24	1.60
U-233	CONDUIT	5.05	2	05:48	4.06	1	23:27	42.07	4.47	2	05:48	1.00	0	14:26	1.20
U-237	CONDUIT	7.59	2	05:32	5.32	1	08:17	17.81	2.42	2	05:32	1.00	0	15:12	2.00
U-239	CONDUIT	7.44	2	04:49	6.95	2	04:50	30.94	3.70	2	04:49	1.00	0	14:46	1.60
U-240	CONDUIT	6.17	1	21:37	5.46	2	07:26	33.78	5.45	1	21:37	1.00	0	14:40	1.20
U-242	CONDUIT	8.76	1	07:11	6.56	1	14:57	9.58	4.36	1	07:11	1.00	0	14:47	1.57
U-244	CONDUIT	4.38	2	07:36	3.09	2	06:40	34.84	3.87	2	07:36	1.00	0	14:42	1.19
U-245	CONDUIT	3.71	2	08:49	3.47	2	08:17	23.58	3.28	2	08:49	1.00	0	14:40	1.15
U-249	CONDUIT	3.79	2	07:02	2.88	1	07:11	22.95	3.35	2	07:02	1.00	0	14:40	1.19
U-25	CONDUIT	4.33	2	06:23	2.38	1	18:42	8.45	3.83	2	06:23	1.00	0	16:59	1.20

U-251	CONDUIT	4.61	2	08:40	3.71	1	08:15	16.36	4.07	2	08:40	1.00	0	14:39	1.19
U-253	CONDUIT	3.22	2	07:35	2.85	0	20:24	37.39	4.11	2	07:35	1.00	0	14:37	1.00
U-254	CONDUIT	5.74	0	22:26	4.70	0	15:31	46.95	5.18	0	22:26	1.00	0	14:39	1.20
U-256	CONDUIT	41.85	1	08:49	35.66	2	00:17	12.50	9.25	1	08:49	1.00	0	15:14	2.40
U-259	CONDUIT	9.23	2	07:53	7.19	2	07:53	32.79	8.16	2	07:53	1.00	0	14:26	1.20
U-26	CONDUIT	3.54	2	11:46	3.50	2	11:46	26.23	3.13	2	11:46	1.00	0	16:59	1.20
U-260	CONDUIT	4.10	2	05:32	3.74	1	22:04	56.10	5.22	2	05:32	1.00	0	14:27	0.99
U-261	CONDUIT	6.87	2	09:21	6.52	2	09:25	11.52	6.85	2	05:10	1.00	2	09:51	1.49
U-262-NEW	CONDUIT	8.92	3	01:04	6.65	3	00:57	30.40	11.35	3	01:04	1.00	2	07:57	0.97
U-263	CONDUIT	7.48	3	01:05	7.31	3	01:05	0.98	9.53	3	01:05	1.00	2	07:26	0.39
U-265	CONDUIT	5.60	2	07:08	4.76	2	08:30	0.29	5.10	2	07:53	1.00	2	05:43	1.20
U-267	CONDUIT	3.69	2	05:46	3.25	2	07:54	25.33	3.26	2	05:46	1.00	0	11:58	1.20
U-270	CONDUIT	4.35	2	06:03	3.53	2	03:12	25.43	3.84	2	06:03	1.00	0	11:58	1.20
U-271	CONDUIT	4.35	2	06:02	3.37	2	13:42	29.61	3.85	2	06:02	1.00	0	11:58	1.20
U-274	CONDUIT	4.35	2	11:32	3.79	2	08:36	13.37	3.85	2	11:32	1.00	0	16:59	1.20
U-277	CONDUIT	2.04	2	11:32	1.82	2	11:33	15.00	1.80	2	11:32	1.00	0	16:59	1.20
U-28	CONDUIT	3.35	2	11:39	2.55	2	08:11	17.41	2.96	2	11:39	1.00	0	16:59	1.20
U-280	CONDUIT	2.70	2	08:49	2.16	2	14:26	27.41	2.39	2	08:49	1.00	0	14:57	1.20
U-286	CONDUIT	2.39	2	09:55	2.29	2	13:18	21.11	2.11	2	09:55	1.00	0	14:56	1.20
U-289	CONDUIT	2.63	2	12:44	2.63	2	12:45	23.14	2.33	2	12:44	1.00	0	14:56	1.20
U-29	CONDUIT	2.75	2	11:38	2.74	2	12:17	19.34	2.43	2	11:38	1.00	0	16:59	1.20
U-290	CONDUIT	4.08	2	08:49	2.86	2	08:36	26.83	3.61	2	08:49	1.00	0	14:57	1.20
U-291	CONDUIT	4.24	2	09:57	3.99	2	09:57	27.03	3.75	2	09:57	1.00	0	14:52	1.20
U-293	CONDUIT	6.77	2	05:28	5.59	1	23:33	19.35	5.99	2	05:28	1.00	0	14:53	1.20
U-294	CONDUIT	3.75	2	09:21	3.24	2	07:51	27.06	3.32	2	09:21	1.00	0	14:53	1.20
U-295	CONDUIT	6.12	2	09:17	4.13	2	07:29	18.11	5.41	2	09:17	1.00	0	14:52	1.20
U-298	CONDUIT	6.58	2	10:08	4.17	2	10:59	20.93	5.82	2	10:08	1.00	0	14:51	1.20
U-299	CONDUIT	5.58	2	09:49	4.10	2	09:30	16.72	4.93	2	09:49	1.00	0	14:51	1.20
U-300	CONDUIT	7.93	2	08:01	4.60	2	09:52	20.29	7.01	2	08:01	1.00	0	14:51	1.20
U-304	CONDUIT	3.31	2	10:26	3.02	2	10:58	69.33	6.58	2	10:26	1.00	0	14:20	0.80
U-308	CONDUIT	5.01	2	10:04	4.50	2	10:59	38.59	4.44	2	10:04	1.00	0	15:26	1.20
U-308A	CONDUIT	7.15	2	10:50	6.33	2	07:54	29.17	6.32	2	10:50	1.00	0	15:03	1.20
U-309	CONDUIT	4.49	2	08:53	3.38	2	08:18	31.09	3.97	2	08:53	1.00	0	14:53	1.20
U-312	CONDUIT	5.48	2	11:02	5.15	2	11:26	47.89	4.85	2	11:02	1.00	0	15:26	1.20
U-315	CONDUIT	5.72	2	11:23	5.05	2	11:32	33.24	5.06	2	11:23	1.00	0	14:49	1.20
U-316	CONDUIT	8.85	2	11:21	8.20	2	11:28	37.04	7.82	2	11:21	1.00	0	14:50	1.20
U-319	CONDUIT	7.79	2	11:28	6.32	2	10:47	27.36	3.88	2	11:28	1.00	0	20:57	1.60
U-322	CONDUIT	8.36	2	11:29	6.59	2	11:11	29.20	4.16	2	11:29	1.00	0	22:04	1.60
U-325	CONDUIT	12.57	2	11:37	12.47	2	11:37	48.24	6.25	2	11:37	1.00	0	22:04	1.60
U-327	CONDUIT	13.21	2	11:37	9.32	2	11:37	49.12	6.57	2	11:37	1.00	2	11:36	1.60
U-328	CONDUIT	28.67	2	11:12	27.64	2	11:12	67.20	9.25	2	11:12	1.00	0	19:15	2.00
U-330	CONDUIT	14.35	2	09:20	11.55	2	09:45	0.74	4.57	2	09:20	1.00	0	16:48	2.00
U-332	CONDUIT	12.47	2	09:20	9.97	2	09:45	1.18	6.20	2	09:20	1.00	0	14:47	1.60
U-335	CONDUIT	7.52	2	09:37	5.35	2	08:33	24.15	3.74	2	09:37	1.00	0	14:15	1.60
U-337	CONDUIT	11.84	2	09:51	7.80	2	09:12	0.51	3.77	2	09:51	1.00	0	14:47	2.00
U-34	CONDUIT	2.38	2	09:12	2.13	2	12:36	22.28	2.11	2	09:12	1.00	0	17:01	1.20
U-341	CONDUIT	11.93	2	09:20	11.12	2	09:20	44.18	5.93	2	09:20	1.00	0	13:12	1.60
U-344	CONDUIT	4.03	2	10:11	3.97	2	10:11	37.15	3.57	2	10:11	1.00	0	13:38	1.20
U-345	CONDUIT	3.84	2	09:41	3.03	2	09:55	1.54	3.39	2	09:41	1.00	0	14:51	1.20
U-346	CONDUIT	10.21	2	10:54	6.06	1	18:27	26.20	9.02	2	10:54	1.00	0	14:54	1.20
U-347	CONDUIT	6.06	2	10:54	5.02	2	11:03	57.73	5.36	2	10:54	1.00	0	15:03	1.20
U-348	CONDUIT	9.43	2	11:02	8.13	2	11:13	33.36	4.69	2	11:02	1.00	0	15:30	1.60
U-35	CONDUIT	2.44	2	08:22	2.28	2	12:16	21.48	2.16	2	08:22	1.00	0	17:01	1.20
U-351	CONDUIT	8.61	2	11:02	8.17	2	10:46	66.03	7.01	2	11:02	1.00	0	14:54	1.25
U-352	CONDUIT	2.72	2	08:52	2.12	2	08:13	21.29	2.40	2	08:52	1.00	0	15:06	1.20
U-353	CONDUIT	5.98	2	10:32	3.42	2	06:49	19.31	5.29	2	10:32	1.00	0	15:08	1.20
U-354	CONDUIT	5.76	2	07:08	5.73	2	07:08	16.82	2.86	2	07:08	1.00	1	03:43	1.60
U-357	CONDUIT	6.02	2	06:55	5.26	2	07:26	21.09	3.00	2	06:55	1.00	2	03:00	1.60
U-358	CONDUIT	10.70	2	10:30	7.48	2	07:07	34.26	9.46	2	10:30	1.00	0	14:52	1.20
U-364	CONDUIT	3.60	2	11:47	3.24	2	11:45	31.88	3.19	2	11:47	1.00	0	15:56	1.20

U-364A	CONDUIT	29.13	2	12:43	26.37	2	12:44	9.36	2.32	2	12:43	1.00	1	00:40	4.00
U-366	CONDUIT	4.51	2	11:04	3.04	2	10:07	43.67	3.99	2	11:04	1.00	0	15:04	1.20
U-37	CONDUIT	7.22	2	08:08	3.85	2	09:26	16.09	6.38	2	08:08	1.00	0	17:01	1.20
U-372	CONDUIT	4.97	2	11:15	3.23	2	11:03	44.68	4.40	2	11:15	1.00	0	15:04	1.20
U-373	CONDUIT	4.09	2	10:07	3.26	2	12:47	23.74	3.62	2	10:07	1.00	0	14:21	1.20
U-376	CONDUIT	5.65	2	06:18	5.30	1	18:26	0.72	4.99	2	06:18	1.00	0	15:26	1.20
U-379	CONDUIT	3.92	2	10:59	3.62	2	12:29	35.02	3.47	2	10:59	1.00	0	14:56	1.20
U-38	CONDUIT	13.39	2	09:04	11.21	2	10:12	8.01	4.26	2	09:04	1.00	1	21:38	2.00
U-382	CONDUIT	5.25	2	10:39	3.38	2	09:41	18.15	2.61	2	10:39	1.00	0	15:59	1.60
U-385	CONDUIT	4.24	2	10:21	3.74	2	10:29	15.65	2.11	2	10:21	1.00	0	15:38	1.60
U-386	CONDUIT	5.98	2	10:59	3.86	2	10:45	10.67	3.38	2	10:59	1.00	0	14:13	1.50
U-388	CONDUIT	5.44	2	10:10	4.36	2	10:06	14.76	3.08	2	10:10	1.00	0	15:35	1.50
U-390	CONDUIT	8.34	2	10:06	3.81	2	09:39	12.56	4.72	2	10:06	1.00	0	15:35	1.50
U-391	CONDUIT	4.08	2	10:06	2.75	2	10:11	0.40	2.03	2	10:06	1.00	0	15:38	1.60
U-392	CONDUIT	5.35	2	10:59	4.75	2	09:57	0.33	2.66	2	10:59	1.00	0	15:38	1.60
U-394	CONDUIT	4.28	2	10:19	2.91	2	09:06	1.11	3.78	2	10:19	1.00	0	14:55	1.20
U-397	CONDUIT	2.93	2	09:59	2.28	2	09:25	27.97	2.59	2	09:59	1.00	0	14:40	1.20
U-398	CONDUIT	12.68	2	11:00	11.93	2	11:00	12.92	2.80	2	11:00	1.00	2	06:10	2.40
U-399	CONDUIT	6.50	2	10:09	5.92	2	10:01	50.02	5.93	2	10:09	1.00	0	11:07	1.20
U-402	CONDUIT	3.46	2	11:10	3.17	2	11:21	26.79	3.06	2	11:10	1.00	0	13:54	1.20
U-404	CONDUIT	4.75	2	10:58	3.13	2	11:46	17.99	4.20	2	10:58	1.00	0	14:02	1.20
U-406	CONDUIT	2.94	2	11:42	2.61	2	11:42	21.81	2.39	2	11:42	1.00	0	14:11	1.25
U-407	CONDUIT	28.41	0	14:28	17.40	0	15:31	67.94	23.15	0	14:28	1.00	0	13:46	1.25
U-408	CONDUIT	7.77	0	13:43	6.35	0	13:44	11.43	6.33	0	13:43	1.00	0	13:43	1.25
U-409	CONDUIT	9.75	0	14:46	6.61	2	07:49	3.67	5.52	0	14:46	1.00	0	13:43	1.50
U-411	CONDUIT	8.49	0	13:44	5.69	0	13:44	32.42	4.97	0	13:44	1.00	0	13:44	1.50
U-412	CONDUIT	7.46	0	13:53	5.35	0	15:07	28.49	4.22	0	13:53	1.00	0	13:53	1.50
U-413	CONDUIT	9.67	0	17:22	8.27	0	22:14	17.72	5.48	0	17:22	1.00	0	13:44	1.50
U-414	CONDUIT	5.21	0	14:47	4.65	0	15:31	36.48	4.61	0	14:47	1.00	0	13:44	1.20
U-415	CONDUIT	6.94	2	07:45	5.54	2	07:45	34.82	7.54	2	07:45	1.00	0	13:40	1.08
U-416	CONDUIT	4.09	0	14:47	3.79	0	13:54	60.02	4.43	0	14:47	1.00	0	13:40	1.08
U-417	CONDUIT	20.68	3	05:37	13.20	3	04:32	3.77	3.26	0	22:04	1.00	2	11:44	3.83
U-418	CONDUIT	12.11	2	14:10	12.10	2	14:11	9.23	1.51	2	14:10	1.00	0	19:29	3.20
U-419	CONDUIT	14.33	3	03:00	14.33	3	03:00	2.17	18.24	3	03:00	1.00	0	13:40	0.39
U-420	CONDUIT	7.26	2	11:31	6.63	2	11:41	25.45	6.42	2	11:31	1.00	0	19:31	1.20
U-421	CONDUIT	8.12	2	10:08	5.93	2	11:16	5.72	1.79	2	10:08	1.00	2	04:46	2.40
U-423	CONDUIT	7.94	2	11:42	5.56	2	11:10	9.25	1.76	2	11:42	1.00	2	04:46	2.40
U-428	CONDUIT	10.29	2	11:30	9.32	2	11:31	14.07	2.27	2	11:30	1.00	2	04:48	2.40
U-430	CONDUIT	10.64	2	11:58	9.60	2	11:58	17.81	2.35	2	11:58	1.00	2	04:46	2.40
U-434	CONDUIT	10.38	2	11:29	9.45	2	11:29	13.32	2.29	2	11:29	1.00	2	04:46	2.40
U-437	CONDUIT	7.52	2	11:29	4.93	2	11:33	29.29	3.74	2	11:29	1.00	0	21:26	1.60
U-439	CONDUIT	10.75	2	11:28	8.73	2	11:42	28.67	5.34	2	11:28	1.00	0	21:26	1.60
U-44	CONDUIT	17.70	3	04:49	16.57	3	04:49	3.43	5.63	3	04:49	1.00	0	17:03	2.00
U-440	CONDUIT	11.82	3	01:57	11.44	3	05:43	1.73	5.88	3	01:57	1.00	0	17:10	1.60
U-441	CONDUIT	11.13	3	05:25	10.30	3	04:13	1.84	5.54	3	05:25	1.00	0	20:40	1.60
U-443	CONDUIT	15.71	2	07:26	13.62	2	08:11	4.37	7.95	2	07:26	1.00	1	06:11	1.60
U-445	CONDUIT	19.15	2	08:21	15.14	2	07:52	1.95	6.40	2	09:46	1.00	1	06:32	2.00
U-447	CONDUIT	17.28	2	10:37	10.59	2	03:35	0.88	5.50	2	10:37	1.00	0	14:37	2.00
U-448	CONDUIT	17.99	2	07:07	10.91	2	08:17	1.66	8.95	2	07:07	1.00	0	14:38	1.60
U-449	CONDUIT	21.89	2	09:46	18.14	2	09:45	1.85	6.97	2	09:46	1.00	1	01:52	2.00
U-45	CONDUIT	10.21	3	05:41	7.27	3	03:58	1.97	3.25	3	05:41	1.00	0	17:06	2.00
U-450	CONDUIT	29.35	2	06:58	24.71	2	10:48	1.49	9.46	2	06:58	1.00	1	05:39	2.00
U-451	CONDUIT	24.84	1	08:50	22.07	2	06:32	3.09	7.91	1	08:50	1.00	1	06:35	2.00
U-452	CONDUIT	27.24	2	09:45	20.95	1	21:58	5.28	8.83	2	09:45	1.00	1	06:08	2.00
U-454	CONDUIT	42.87	2	08:09	34.41	2	07:32	3.32	9.48	2	08:09	1.00	1	06:09	2.40
U-456	CONDUIT	68.02	2	07:21	60.49	2	08:37	2.87	9.62	2	07:21	1.00	1	06:31	3.00
U-463	CONDUIT	49.63	2	08:44	39.86	2	08:01	0.86	8.81	2	08:44	1.00	2	07:04	2.80
U-464	CONDUIT	129.45	2	08:40	104.30	3	02:15	2.21	10.66	2	08:40	1.00	1	10:32	4.00
U-466	CONDUIT	16.63	2	09:32	14.97	2	08:11	1.55	8.27	2	09:32	1.00	1	05:42	1.60
U-468	CONDUIT	18.14	1	12:48	12.48	2	10:08	0.75	9.17	1	12:48	1.00	1	06:47	1.58

U-468-NEW	CONDUIT	16.86	1	10:35	12.48	1	09:19	2.93	4.81	1	10:35	1.00	2	06:57	2.40
U-469	CONDUIT	48.62	2	07:32	47.77	2	07:32	1.12	15.48	2	07:32	1.00	1	06:35	2.00
U-47	CONDUIT	5.18	3	02:06	4.96	3	03:36	5.44	5.62	3	02:06	1.00	0	16:20	1.08
U-48	CONDUIT	4.13	2	10:08	1.98	2	10:10	18.47	4.48	2	10:08	1.00	0	13:02	1.08
U-481	CONDUIT	4.78	3	03:38	4.74	3	02:54	55.96	6.09	3	03:38	1.00	0	11:52	1.00
U-483	CONDUIT	3.63	2	16:40	3.63	2	20:46	40.10	4.62	2	16:40	1.00	0	11:52	1.00
U-486	CONDUIT	7.52	2	06:52	5.97	2	06:52	2.14	2.40	2	06:52	1.00	2	06:52	2.00
U-489	CONDUIT	8.05	2	07:04	5.96	2	07:05	0.93	4.00	2	07:04	1.00	2	06:51	1.60
U-492	CONDUIT	7.67	2	11:07	6.26	2	11:35	9.14	2.44	2	11:07	1.00	0	17:07	2.00
U-495	CONDUIT	27.89	2	12:15	27.89	2	12:15	1.42	8.88	2	12:15	1.00	0	18:02	2.00
U-496	CONDUIT	32.45	1	09:14	28.68	1	06:23	20.45	7.18	1	09:14	1.00	0	18:16	2.40
U-497	CONDUIT	15.56	2	10:26	14.13	2	08:57	9.70	4.61	2	10:26	0.87	2	10:52	2.40
U-498	CONDUIT	15.50	2	10:52	13.75	2	12:15	15.82	4.60	2	10:52	0.92	2	10:52	2.40
U-5	CONDUIT	12.19	2	08:18	8.65	2	09:10	0.32	2.70	2	08:18	1.00	0	17:01	2.40
U-50	CONDUIT	1.54	2	10:24	1.35	2	10:07	15.85	1.67	2	10:24	1.00	0	13:02	1.08
U-500	CONDUIT	41.36	1	00:10	34.11	1	07:09	1.35	13.17	1	00:10	1.00	0	17:21	2.00
U-501	CONDUIT	30.25	1	10:04	29.49	1	10:04	30.83	6.95	1	20:16	1.00	0	18:16	2.40
U-502	CONDUIT	29.68	0	23:50	21.38	1	18:26	1.16	6.56	0	23:50	1.00	0	18:01	2.40
U-503	CONDUIT	15.75	3	05:26	12.36	2	14:27	0.78	5.01	3	05:26	1.00	2	07:46	2.00
U-507	CONDUIT	22.79	3	05:23	21.60	3	05:24	7.88	7.41	3	05:47	1.00	2	08:56	2.00
U-509	CONDUIT	33.13	2	13:15	28.00	3	05:26	0.38	4.12	2	13:15	1.00	2	11:02	3.20
U-513	CONDUIT	10.98	2	08:34	10.37	2	09:12	4.02	0.87	2	08:34	1.00	1	10:38	4.00
U-514	CONDUIT	6.00	2	09:22	5.80	2	09:23	1.21	4.67	2	09:22	1.00	1	06:39	1.33
U-518-NEW	CONDUIT	10.51	3	02:46	10.38	3	02:47	24.61	3.41	1	22:08	1.00	1	06:10	2.00
U-519-NEW	CONDUIT	30.04	2	07:05	26.31	2	07:57	0.54	2.47	2	07:03	1.00	2	07:06	4.00
U-522	CONDUIT	5.54	2	07:24	5.53	2	07:25	35.19	8.64	2	06:40	1.00	2	10:24	1.20
U-523	CONDUIT	27.68	2	12:17	27.16	2	12:18	20.00	5.64	2	12:17	1.00	2	04:57	2.50
U-524-NEW	CONDUIT	25.45	2	18:04	22.38	2	18:04	0.77	12.66	2	18:04	1.00	2	10:13	1.59
U-525	CONDUIT	26.53	2	12:19	25.59	2	12:19	72.07	19.01	2	12:19	1.00	2	10:13	1.27
U-526	CONDUIT	5.45	2	11:57	4.61	2	10:22	21.03	3.08	2	11:57	1.00	2	10:15	1.12
U-527	CONDUIT	3.25	2	11:57	2.79	2	10:22	22.84	2.88	2	11:57	1.00	2	10:11	0.98
U-53	CONDUIT	2.23	2	10:23	1.97	2	12:18	14.12	1.82	2	10:23	1.00	0	13:28	1.25
U-530	CONDUIT	9.36	2	12:15	9.34	2	12:15	0.28	2.07	2	12:15	1.00	2	04:58	2.40
U-531	CONDUIT	9.27	2	12:18	9.26	2	12:18	29.06	4.61	2	12:18	1.00	0	12:48	1.60
U-533	CONDUIT	10.49	2	12:07	10.49	2	12:07	1.81	5.22	2	12:07	1.00	0	14:27	1.60
U-534-NEW	CONDUIT	5.23	2	13:49	5.23	2	13:49	57.44	6.65	2	13:49	1.00	2	07:27	0.39
U-537	CONDUIT	4.29	2	14:43	4.29	2	14:43	1.38	3.80	2	14:43	1.00	0	14:24	1.20
U-538	CONDUIT	3.65	2	09:46	3.01	2	08:08	1.00	3.23	2	09:46	1.00	0	22:11	1.20
U-54	CONDUIT	3.57	2	12:31	3.57	2	12:31	26.00	2.91	2	12:31	1.00	0	13:28	1.25
U-543	CONDUIT	4.63	2	11:44	4.37	2	10:57	0.83	2.30	2	11:44	1.00	0	21:37	1.60
U-545	CONDUIT	2.10	2	12:26	1.96	2	13:34	26.45	2.67	2	12:26	1.00	0	12:14	1.00
U-547	CONDUIT	19.16	2	12:16	19.01	2	12:22	2.69	9.53	2	12:16	1.00	2	08:49	1.20
U-548	CONDUIT	3.80	2	12:24	3.10	2	09:18	0.06	2.18	2	08:20	1.00	2	11:48	1.60
U-549	CONDUIT	4.89	2	09:43	4.55	2	11:21	0.07	2.69	2	08:33	1.00	2	11:48	1.60
U-55	CONDUIT	6.46	2	09:29	5.54	2	09:29	16.52	5.26	2	09:29	1.00	0	13:27	1.25
U-550	CONDUIT	3.68	2	08:34	3.25	2	13:35	0.82	3.25	2	08:34	1.00	0	20:33	1.20
U-555	CONDUIT	2.89	3	01:37	2.46	2	11:19	0.93	2.55	3	01:37	1.00	0	15:51	1.20
U-557	CONDUIT	4.15	2	11:43	3.91	2	11:18	31.82	3.67	2	11:43	1.00	0	15:21	1.20
U-559	CONDUIT	4.81	2	09:44	3.40	2	11:42	18.88	4.25	2	09:44	1.00	0	15:21	1.20
U-56	CONDUIT	3.81	2	09:50	3.42	2	09:49	27.52	3.10	2	09:50	1.00	0	13:28	1.25
U-562	CONDUIT	3.95	2	11:32	3.28	2	11:42	31.97	3.49	2	11:32	1.00	0	15:21	1.20
U-565	CONDUIT	4.25	2	11:52	3.92	2	15:04	29.72	3.76	2	11:52	1.00	0	15:21	1.20
U-568	CONDUIT	4.68	2	11:20	3.92	2	15:02	15.47	2.33	2	11:20	1.00	1	04:10	1.60
U-569	CONDUIT	8.17	2	11:19	4.17	2	10:17	14.60	4.06	2	11:19	1.00	1	04:11	1.60
U-570	CONDUIT	6.76	2	14:58	6.76	2	14:58	1.06	3.36	2	14:58	1.00	1	03:00	1.60
U-572	CONDUIT	9.74	2	11:36	6.75	2	15:00	11.72	4.84	2	11:36	1.00	0	15:02	1.60
U-573	CONDUIT	8.16	2	12:24	8.16	2	12:24	0.62	7.22	2	12:24	1.00	2	09:09	1.20
U-574	CONDUIT	6.88	2	12:23	6.88	2	12:24	0.81	6.65	2	11:52	1.00	2	09:09	1.20
U-575	CONDUIT	6.88	2	12:23	6.88	2	12:24	0.72	8.76	2	12:23	1.00	2	06:47	0.39
U-580	CONDUIT	2.66	2	08:53	2.03	2	09:46	23.10	2.35	2	08:53	1.00	0	17:01	1.20

U-583	CONDUIT	6.33	2	08:35	5.14	2	02:03	20.47	5.60	2	08:35	1.00	0	17:01	1.20
U-584	CONDUIT	2.39	2	08:16	2.13	2	08:34	21.56	2.11	2	08:16	1.00	0	17:01	1.20
U-587	CONDUIT	11.06	2	11:45	6.35	2	11:32	13.28	5.50	2	11:45	1.00	0	18:21	1.60
U-589	CONDUIT	4.84	2	08:44	3.30	2	10:44	18.62	2.41	2	08:44	1.00	0	18:45	1.60
U-59	CONDUIT	14.33	2	09:45	8.44	2	10:20	0.43	4.56	2	09:45	1.00	0	15:24	2.00
U-590	CONDUIT	3.65	2	08:37	2.91	2	09:35	29.75	3.23	2	08:37	1.00	0	17:01	1.20
U-591	CONDUIT	3.71	2	08:38	3.58	2	11:20	31.86	3.28	2	08:38	1.00	0	16:59	1.20
U-596	CONDUIT	4.00	2	08:36	3.53	2	08:37	33.94	3.54	2	08:36	1.00	0	17:01	1.20
U-599	CONDUIT	11.35	2	08:01	9.10	2	09:48	16.32	5.64	2	08:01	1.00	0	17:53	1.60
U-60	CONDUIT	4.93	2	09:40	3.30	2	10:50	12.43	1.57	2	09:40	1.00	0	14:35	2.00
U-601	CONDUIT	3.87	2	10:36	3.19	2	11:00	31.74	3.42	2	10:36	1.00	0	17:01	1.20
U-604	CONDUIT	3.86	2	10:47	2.44	2	11:17	27.19	3.41	2	10:47	1.00	0	17:00	1.20
U-608	CONDUIT	4.70	2	09:58	3.91	2	12:24	18.92	2.34	2	09:58	1.00	0	20:17	1.60
U-609	CONDUIT	8.40	2	08:18	7.97	2	08:54	16.37	2.68	2	08:18	1.00	1	12:41	2.00
U-612	CONDUIT	15.72	2	09:19	9.05	2	08:50	12.60	5.00	2	09:19	1.00	1	08:07	2.00
U-614	CONDUIT	7.31	2	11:26	5.72	2	10:32	0.57	2.33	2	11:26	1.00	1	06:58	2.00
U-616	CONDUIT	11.56	2	10:32	8.92	2	11:29	21.93	3.68	2	10:32	1.00	0	16:31	2.00
U-618	CONDUIT	11.94	2	11:31	10.05	2	09:29	29.27	5.94	2	11:31	1.00	0	15:12	1.60
U-62	CONDUIT	5.58	2	09:45	4.67	2	09:41	27.12	4.94	2	09:45	1.00	0	11:42	1.20
U-620	CONDUIT	8.38	3	02:36	8.38	3	02:36	2.56	7.41	3	02:36	1.00	0	14:16	0.47
U-621	CONDUIT	8.08	3	03:00	8.08	3	03:00	44.14	7.15	3	03:00	1.00	0	14:16	1.20
U-623	CONDUIT	10.00	2	11:28	9.68	2	11:28	22.67	3.18	2	11:28	1.00	0	16:31	2.00
U-624	CONDUIT	14.96	2	09:06	12.52	1	23:59	14.20	4.76	2	09:06	1.00	0	16:31	2.00
U-625	CONDUIT	6.93	2	07:45	5.14	0	18:49	14.79	2.21	2	07:45	1.00	0	16:32	2.00
U-628	CONDUIT	8.81	2	07:46	7.03	2	10:40	15.18	2.81	2	07:46	1.00	0	16:32	2.00
U-629	CONDUIT	10.86	1	22:23	9.27	1	19:37	5.03	1.54	1	22:23	1.00	1	09:34	3.00
U-632	CONDUIT	6.17	2	11:32	5.33	2	12:19	5.71	3.07	2	11:32	1.00	2	11:14	1.60
U-633	CONDUIT	5.40	2	12:16	5.40	2	12:17	15.51	2.69	2	12:16	1.00	2	11:17	1.60
U-637	CONDUIT	3.15	2	11:43	2.27	2	11:23	24.80	2.78	2	11:43	1.00	2	11:06	1.20
U-64	CONDUIT	7.69	2	08:12	5.96	2	06:42	19.95	6.80	2	08:12	1.00	0	15:09	1.20
U-640	CONDUIT	3.34	2	11:29	3.18	2	11:20	27.78	2.96	2	11:29	1.00	2	11:04	1.20
U-643	CONDUIT	2.80	2	11:30	2.00	2	11:32	25.63	2.48	2	11:30	1.00	2	11:02	1.20
U-646	CONDUIT	6.27	2	13:02	6.27	2	13:03	32.82	5.54	2	13:02	1.00	1	17:56	1.20
U-648	CONDUIT	6.27	2	13:02	6.27	2	13:03	27.79	5.54	2	13:02	1.00	1	17:58	1.20
U-649	CONDUIT	6.27	2	13:03	6.27	2	13:03	38.70	5.54	2	13:03	1.00	1	19:10	1.20
U-651	CONDUIT	10.58	2	12:15	10.57	2	12:15	17.10	9.35	2	12:15	1.00	1	19:11	1.20
U-652	CONDUIT	7.27	2	12:15	7.26	2	12:15	23.82	6.43	2	12:15	1.00	1	19:11	0.47
U-653	CONDUIT	4.88	2	12:14	4.88	2	12:15	38.38	4.32	2	12:14	1.00	1	19:10	1.20
U-656	CONDUIT	2.75	2	12:14	2.75	2	12:15	23.20	2.44	2	12:14	1.00	1	16:59	1.20
U-657	CONDUIT	2.76	2	12:14	2.73	2	12:15	24.60	2.44	2	12:14	1.00	1	16:56	1.20
U-659-NEW	CONDUIT	9.16	2	12:15	8.92	2	12:15	33.12	5.19	2	12:15	1.00	2	11:49	0.95
U-66	CONDUIT	3.32	2	09:39	2.36	2	09:42	27.12	2.94	2	09:39	1.00	0	15:09	1.20
U-663	CONDUIT	6.95	2	08:17	6.43	2	08:17	55.24	6.20	2	08:17	1.00	0	23:04	1.20
U-668	CONDUIT	6.15	2	11:52	5.91	2	12:03	48.98	5.62	2	11:50	1.00	1	00:37	1.20
U-671	CONDUIT	4.18	3	01:35	3.78	3	01:35	35.77	3.85	2	11:50	1.00	0	15:48	1.20
U-674	CONDUIT	4.30	2	08:21	4.26	2	08:22	15.48	3.19	2	07:07	1.00	2	11:50	1.60
U-675	CONDUIT	15.16	2	07:54	11.15	1	22:44	39.07	7.63	2	07:54	1.00	0	22:50	1.60
U-678	CONDUIT	12.60	2	07:19	10.68	1	10:49	38.63	6.27	2	07:19	1.00	0	18:12	1.60
U-68	CONDUIT	2.84	2	09:50	2.30	2	10:19	24.67	2.51	2	09:50	1.00	0	15:02	1.20
U-681	CONDUIT	34.30	1	17:30	31.62	1	02:18	53.47	17.92	2	02:51	1.00	0	15:36	1.60
U-682	CONDUIT	33.06	2	11:52	30.35	2	11:53	62.91	31.00	1	17:57	1.00	0	15:00	1.25
U-684	CONDUIT	6.11	2	10:54	4.90	2	22:37	1.95	4.98	2	10:54	1.00	0	10:51	1.25
U-685	CONDUIT	6.49	2	10:53	4.65	2	22:41	22.13	5.29	2	10:53	1.00	0	12:50	1.25
U-686	CONDUIT	5.23	2	10:46	4.55	2	11:22	35.46	4.26	2	10:46	1.00	0	13:21	1.25
U-687	CONDUIT	12.58	2	10:46	11.11	2	09:08	8.64	2.78	2	10:46	1.00	0	16:40	2.40
U-688	CONDUIT	8.78	2	11:07	7.62	2	11:05	8.46	1.94	2	11:07	1.00	0	16:47	2.40
U-690	CONDUIT	2.65	2	11:17	2.39	2	11:12	31.09	3.38	2	11:17	1.00	0	12:47	1.00
U-694	CONDUIT	3.63	2	09:50	3.18	2	10:24	42.04	4.62	2	09:50	1.00	0	12:48	1.00
U-695	CONDUIT	8.68	2	09:22	6.36	2	11:00	8.39	1.92	2	09:22	1.00	0	16:50	2.40
U-696	CONDUIT	9.90	2	09:22	6.63	2	07:42	16.30	4.92	2	09:22	1.00	0	14:38	1.60

U-70	CONDUIT	4.22	2	07:48	2.97	2	08:26	21.50	3.73	2	07:48	1.00	0	15:02	1.20
U-701	CONDUIT	10.64	3	01:37	7.36	2	11:25	0.17	3.39	3	01:37	1.00	2	02:25	2.00
U-704	CONDUIT	5.51	2	09:44	4.02	2	09:54	25.26	3.12	2	09:44	1.00	0	12:44	1.50
U-706	CONDUIT	15.03	2	11:11	9.17	2	09:45	21.99	12.25	2	11:11	1.00	0	11:53	1.25
U-707	CONDUIT	8.56	2	09:21	6.60	2	12:12	11.08	2.73	2	09:21	1.00	0	14:29	2.00
U-708	CONDUIT	7.23	2	10:56	5.43	2	12:06	14.30	2.30	2	10:56	1.00	0	14:35	2.00
U-71	CONDUIT	4.16	2	10:00	2.96	1	07:52	24.36	3.68	2	10:00	1.00	0	15:01	1.20
U-710	CONDUIT	12.67	2	09:54	8.88	2	11:53	5.04	4.03	2	09:54	1.00	0	14:35	2.00
U-711	CONDUIT	11.24	2	11:58	7.33	2	10:56	7.31	2.48	2	11:58	1.00	0	15:24	2.40
U-717	CONDUIT	20.64	2	11:41	14.33	2	11:43	12.97	4.56	2	11:41	1.00	0	13:40	2.40
U-718	CONDUIT	13.55	2	11:37	12.51	2	16:50	14.76	2.99	2	11:37	1.00	0	13:40	2.40
U-719	CONDUIT	35.43	2	13:13	34.61	2	13:14	6.27	3.07	2	13:13	1.00	0	16:16	3.83
U-720	CONDUIT	6.98	2	07:40	6.24	2	07:42	52.76	8.89	2	07:40	1.00	0	18:18	1.00
U-721-NEW	CONDUIT	14.02	2	11:37	13.88	2	13:45	27.25	6.97	2	11:37	1.00	0	14:48	1.60
U-725	CONDUIT	11.28	2	07:23	7.70	2	19:07	18.76	5.61	2	07:23	1.00	0	12:48	1.60
U-727	CONDUIT	4.12	2	11:52	3.36	2	16:29	19.71	4.06	2	11:52	1.00	2	11:24	1.20
U-729	CONDUIT	3.93	1	06:47	3.29	2	14:12	28.34	5.15	1	06:47	1.00	2	09:37	1.00
U-73	CONDUIT	5.36	2	09:37	3.81	2	07:24	23.38	4.74	2	09:37	1.00	0	15:01	1.20
U-731	CONDUIT	4.49	2	09:39	3.79	2	11:07	45.03	5.85	2	09:39	1.00	0	13:04	1.00
U-732	CONDUIT	8.67	1	14:13	3.66	2	11:07	36.47	11.04	1	14:13	1.00	0	13:26	1.00
U-734	CONDUIT	5.61	1	11:43	4.51	1	22:11	48.40	7.15	1	11:43	1.00	0	21:49	1.00
U-736	CONDUIT	6.29	1	23:39	5.27	2	03:20	52.89	8.00	1	23:39	1.00	1	02:47	1.00
U-738	CONDUIT	4.86	2	08:59	4.25	2	10:06	48.54	6.19	2	08:59	1.00	1	11:43	1.00
U-74	CONDUIT	5.85	2	06:53	5.51	2	06:08	19.93	5.19	2	06:53	1.00	0	15:01	1.20
U-740	CONDUIT	5.02	1	22:11	3.32	2	10:06	33.02	6.39	1	22:11	1.00	1	10:11	1.00
U-741	CONDUIT	2.83	2	11:52	2.58	2	11:53	27.62	3.82	2	11:52	1.00	2	09:32	1.00
U-743	CONDUIT	3.18	2	11:52	2.93	2	11:53	27.68	4.05	2	11:52	1.00	2	11:07	1.00
U-745	CONDUIT	2.22	2	14:03	2.04	2	11:47	19.94	3.23	2	11:48	1.00	2	11:49	1.00
U-747	CONDUIT	2.69	3	00:11	2.40	2	11:13	28.31	3.78	3	00:11	1.00	2	11:13	1.00
U-749	CONDUIT	2.83	2	11:13	1.85	2	11:50	26.82	3.94	2	11:13	1.00	2	08:28	1.00
U-75	CONDUIT	4.95	2	10:19	4.25	2	10:08	26.35	4.38	2	10:19	1.00	0	15:01	1.20
U-751	CONDUIT	3.10	2	23:49	1.97	2	00:47	19.76	4.09	2	23:49	1.00	1	13:54	1.00
U-753	CONDUIT	4.31	2	11:13	2.47	1	03:56	31.56	5.64	2	11:13	1.00	0	15:37	1.00
U-755	CONDUIT	6.05	1	16:32	2.11	1	08:48	32.62	5.50	1	16:32	1.00	1	16:32	1.20
U-763	CONDUIT	5.86	2	12:15	5.86	2	12:15	35.59	5.19	2	12:15	1.00	2	11:47	1.20
U-766	CONDUIT	5.87	2	12:15	5.86	2	12:15	17.77	2.92	2	12:15	1.00	2	11:53	1.60
U-769	CONDUIT	10.62	2	12:15	10.62	2	12:15	35.52	5.28	2	12:15	1.00	2	11:58	1.60
U-77	CONDUIT	4.94	2	11:13	3.80	2	10:43	32.42	4.37	2	11:13	1.00	0	15:01	1.20
U-772	CONDUIT	10.62	2	12:15	10.61	2	12:15	30.23	5.31	2	12:15	1.00	2	12:16	1.60
U-775	CONDUIT	13.20	2	12:15	11.86	2	12:15	9.33	4.90	2	12:15	0.92	2	12:21	2.40
U-778	CONDUIT	8.63	2	11:51	8.26	2	13:56	75.46	7.71	2	11:51	1.00	2	11:57	1.20
U-783	CONDUIT	4.89	2	11:16	4.06	2	08:59	27.48	4.32	2	11:16	1.00	2	06:40	1.20
U-786	CONDUIT	5.08	2	10:45	4.66	2	10:46	18.95	2.53	2	10:45	1.00	2	07:55	1.60
U-789	CONDUIT	7.73	2	11:36	6.82	2	09:23	20.10	3.86	2	10:05	1.00	2	07:44	1.60
U-792	CONDUIT	6.85	2	11:50	5.62	2	11:49	24.75	3.41	2	11:50	1.00	2	07:31	1.60
U-795	CONDUIT	12.31	2	09:46	8.31	2	10:25	4.68	3.19	2	09:46	1.00	2	10:46	2.40
U-796	CONDUIT	6.72	3	02:47	6.61	3	02:11	58.65	5.94	3	02:47	1.00	2	06:43	1.20
U-8	CONDUIT	13.01	2	07:55	7.36	2	09:00	0.55	4.14	2	07:55	1.00	0	16:29	2.00
U-801	CONDUIT	4.85	2	11:40	3.87	2	11:40	26.81	4.29	2	11:40	1.00	2	05:17	1.20
U-804	CONDUIT	4.63	2	11:28	3.47	2	09:33	17.02	2.30	2	11:28	1.00	2	06:52	1.60
U-807	CONDUIT	6.64	2	11:14	5.62	3	02:46	19.75	3.31	2	11:14	1.00	2	06:52	1.60
U-81	CONDUIT	5.17	2	11:18	3.77	2	11:03	26.13	4.57	2	11:18	1.00	0	15:00	1.20
U-810	CONDUIT	6.04	2	11:37	4.24	2	11:34	20.09	3.00	2	11:37	1.00	2	06:48	1.60
U-811	CONDUIT	15.34	3	01:51	10.06	3	01:53	11.05	4.88	3	01:51	1.00	2	07:28	2.00
U-815	CONDUIT	8.37	3	03:14	7.29	3	03:15	14.28	2.66	3	03:14	1.00	2	07:08	2.00
U-816	CONDUIT	7.85	3	03:04	6.82	3	03:34	44.19	6.95	3	03:04	1.00	2	05:11	1.20
U-82	CONDUIT	3.41	2	10:20	2.39	2	11:03	27.44	3.01	2	10:20	1.00	0	15:00	1.20
U-820	CONDUIT	7.60	3	04:20	6.55	3	04:07	39.19	6.72	3	04:20	1.00	2	05:12	1.20
U-823	CONDUIT	7.36	3	03:55	6.66	3	04:07	24.65	3.66	3	03:55	1.00	2	06:49	1.60
U-826	CONDUIT	8.38	3	04:07	6.38	3	03:40	28.80	4.17	3	04:07	1.00	2	06:46	1.60

U-829	CONDUIT	8.13	3	03:09	7.12	3	03:32	27.27	4.04	3	03:09	1.00	2	06:45	1.60
U-83	CONDUIT	4.42	2	11:13	3.41	2	11:38	29.62	3.91	2	11:13	1.00	0	15:00	1.20
U-832	CONDUIT	13.95	3	03:09	8.10	3	03:08	15.65	6.94	3	03:09	1.00	2	06:45	1.60
U-833	CONDUIT	8.76	2	10:00	6.60	2	08:47	7.10	2.16	1	12:38	1.00	2	08:13	2.40
U-834-EAC	CONDUIT	19.00	2	06:33	9.26	2	03:35	4.85	2.69	2	06:33	1.00	0	20:59	3.00
U-835	CONDUIT	9.83	2	07:43	9.20	3	01:30	0.93	3.13	2	07:43	1.00	0	17:07	2.00
U-837	CONDUIT	20.05	2	09:01	14.05	2	07:25	1.95	6.38	2	09:01	1.00	0	17:10	2.00
U-838	CONDUIT	15.55	2	21:06	15.51	2	21:07	15.95	4.95	2	21:06	1.00	0	13:24	2.00
U-839	CONDUIT	11.09	3	03:44	8.99	3	03:57	16.91	3.53	3	03:44	1.00	0	13:24	2.00
U-840	CONDUIT	11.02	2	11:50	9.96	2	11:55	15.38	3.51	2	11:50	1.00	0	13:24	2.00
U-841	CONDUIT	14.29	3	02:31	10.52	3	05:17	5.73	3.16	3	02:31	1.00	0	13:47	2.40
U-842	CONDUIT	7.15	2	13:22	7.15	2	13:23	34.55	5.83	2	13:22	1.00	0	11:50	1.25
U-846	CONDUIT	3.43	2	09:45	3.10	2	09:44	1.28	3.13	2	09:55	1.00	2	09:40	1.25
U-847	CONDUIT	8.43	2	09:55	7.89	2	09:45	1.59	6.87	2	09:55	1.00	2	09:45	1.25
U-848	CONDUIT	6.56	2	09:44	4.19	2	09:43	47.23	5.99	2	09:44	1.00	0	14:58	1.20
U-851	CONDUIT	2.35	2	09:20	1.85	2	08:01	20.63	2.07	2	09:20	1.00	0	17:02	1.20
U-852	CONDUIT	3.63	2	09:20	2.98	2	09:21	22.09	3.21	2	09:20	1.00	0	17:02	1.20
U-854	CONDUIT	5.45	2	08:01	3.76	2	09:27	11.26	2.71	2	08:01	1.00	0	18:45	1.60
U-856	CONDUIT	7.83	2	08:15	6.84	2	09:10	12.01	3.90	2	08:15	1.00	0	19:10	1.60
U-858	CONDUIT	5.00	2	08:12	3.85	2	10:09	14.76	2.49	2	08:12	1.00	0	19:10	1.60
U-860	CONDUIT	3.82	2	12:36	3.82	2	12:36	15.41	1.90	2	12:36	1.00	0	19:10	1.60
U-863	CONDUIT	5.32	2	08:34	4.22	2	09:25	17.32	3.01	2	08:34	1.00	0	17:32	1.50
U-864	CONDUIT	33.66	2	12:44	27.77	2	12:44	1.88	7.44	2	12:44	1.00	0	16:59	2.40
U-865	CONDUIT	12.07	2	08:20	10.55	2	08:20	0.68	2.67	2	08:20	1.00	0	16:59	2.40
U-866	CONDUIT	6.01	2	11:27	5.01	2	11:54	34.21	5.31	2	11:27	1.00	0	13:19	1.20
U-867	CONDUIT	7.18	2	12:17	7.18	2	12:17	3.12	9.14	2	12:17	1.00	0	09:10	0.39
U-868	CONDUIT	10.36	2	12:52	10.36	2	12:52	3.19	9.16	2	12:52	1.00	0	09:32	0.47
U-869	CONDUIT	0.00	0	00:00	0.00	0	00:00	0.00	0.00	0	00:00	0.50	0	00:00	1.20
U-871	CONDUIT	11.86	2	12:15	11.86	2	12:15	1.56	5.90	2	12:15	1.00	0	10:48	1.16
U-872	CONDUIT	8.95	2	10:56	5.13	1	09:23	3.94	1.98	2	10:56	1.00	0	11:36	2.40
U-874-NEW	CONDUIT	4.03	2	12:20	4.03	2	12:20	12.82	3.57	2	12:20	1.00	2	11:36	1.20
U-875	CONDUIT	13.12	1	09:29	12.79	2	21:00	1.21	6.54	1	09:29	1.00	0	20:03	1.60
U-878	CONDUIT	10.12	2	11:04	7.11	2	12:37	35.22	5.20	2	11:04	1.00	0	18:48	1.60
U-879	CONDUIT	9.91	2	11:32	7.49	2	13:45	35.52	5.32	2	11:51	1.00	0	18:31	1.60
U-88	CONDUIT	7.26	2	09:53	4.91	2	11:27	23.68	5.21	2	09:53	1.00	0	15:13	1.33
U-880	CONDUIT	28.18	2	07:37	17.19	1	16:31	0.74	6.34	2	00:13	1.00	0	19:20	2.40
U-885	CONDUIT	14.75	2	09:01	12.93	2	08:52	20.50	7.34	2	09:01	1.00	0	16:19	1.60
U-90	CONDUIT	8.13	3	04:35	7.50	3	03:56	33.97	5.83	3	04:35	1.00	0	15:14	1.33
U-91	CONDUIT	4.37	2	09:13	3.50	2	09:13	25.34	3.86	2	09:13	1.00	0	14:59	1.20
U-92	CONDUIT	15.28	2	11:58	11.04	2	12:07	14.11	4.86	2	11:58	1.00	1	22:04	2.00
U-96	CONDUIT	7.96	3	01:48	6.47	3	01:59	37.28	5.70	3	01:48	1.00	0	15:13	1.33
U-97	CONDUIT	7.16	3	01:50	6.44	3	02:33	45.30	6.33	3	01:50	1.00	0	15:00	1.20
U-98	CONDUIT	9.98	3	01:56	7.55	3	03:03	15.98	8.83	3	01:56	1.00	0	15:05	1.20
U-99	CONDUIT	7.25	3	02:55	6.30	3	01:47	33.28	5.20	3	02:55	1.00	0	15:14	1.33
PS-HC1-LAG	PUMP	8.00	0	13:06	8.00	0	15:48	1.00							
PS-HC1-LEAD	PUMP	8.00	0	13:06	8.00	0	15:48	1.00							
W-WELL3D-NEW	WEIR	217.47	2	13:06	168.58	2	12:45					1.00	2	11:54	
W-WELL4-11-NEW	WEIR	4.03	2	12:20	4.03	2	12:20					0.12	2	11:52	
W-WELL6A-NEW	WEIR	28.64	3	01:19	17.02	2	23:49					1.00	3	00:19	
W-WELL6D-NEW	WEIR	160.25	2	22:56	97.47	2	23:16					1.00	2	20:07	
W-WELL7D-NEW	WEIR	88.97	2	13:53	36.71	2	13:53					1.00	2	11:58	
W1-10-NEW	WEIR	73.99	2	12:22	36.45	2	12:34					1.00	2	12:15	
W1-26-NEW	WEIR	84.26	2	21:18	78.13	3	00:30					1.00	2	11:40	
W3-56-NEW	WEIR	68.03	2	11:34	48.68	2	11:22					1.00	2	08:01	
W5-2-NEW	WEIR	27.91	2	12:17	21.01	2	12:11					0.57	2	12:15	
W6A-26-NEW	WEIR	56.40	2	11:52	33.71	3	00:07					1.00	2	11:31	
WA-10	WEIR	55.89	3	02:26	35.56	2	21:20					1.00	2	11:47	
WA-4-NEW	WEIR	96.22	2	09:06	47.13	2	09:40					1.00	2	08:05	
WEIR-11	WEIR	16.83	2	12:44	11.15	2	12:45					0.67	2	12:44	
WEIR-13	WEIR	9.45	2	23:54	6.32	2	19:38					0.47	3	01:15	

WEIR-15	WEIR	9.70	2	23:54	6.89	2	19:33	0.47	3	00:12
WEIR-17	WEIR	52.27	2	12:42	28.72	2	12:44	1.00	2	12:42
WEIR-19	WEIR	16.10	2	23:54	9.84	2	17:01	0.69	2	23:53
WEIR-21	WEIR	2.06	2	11:49	0.92	2	12:44	0.11	2	11:50
WEIR-23	WEIR	2.35	2	13:43	2.35	2	13:44	0.15	2	13:32
WEIR-25	WEIR	3.87	2	12:57	3.87	2	12:57	0.14	2	12:57
WEIR-27	WEIR	4.37	2	12:15	0.93	2	12:17	0.18	2	12:15
WEIR-29	WEIR	2.01	2	13:26	2.01	2	13:27	0.09	2	13:24
WEIR-3	WEIR	21.17	2	22:53	8.60	2	23:49	0.89	2	18:03
WEIR-31	WEIR	17.06	2	20:08	9.30	2	18:52	0.59	2	21:12
WEIR-33	WEIR	16.67	3	01:23	6.32	2	23:52	0.63	3	01:16
WEIR-35	WEIR	12.81	3	01:23	6.41	2	23:13	0.54	3	01:10
WEIR-37	WEIR	20.06	2	23:54	8.47	2	23:56	0.67	2	23:54
WEIR-39	WEIR	26.48	2	23:52	20.36	3	00:01	0.85	2	23:52
WEIR-41	WEIR	8.21	3	01:23	4.50	2	12:24	0.43	3	01:19
WEIR-43	WEIR	7.86	3	01:23	4.63	2	23:28	0.42	3	01:23
WEIR-45	WEIR	13.13	3	01:23	4.52	3	03:26	0.53	3	01:23
WEIR-47	WEIR	10.12	3	01:19	6.01	2	23:13	0.47	2	23:57
WEIR-49	WEIR	16.06	3	01:23	6.92	3	00:39	0.71	2	22:39
WEIR-5	WEIR	15.83	2	22:53	9.84	2	20:16	0.89	2	18:03
WEIR-51	WEIR	5.09	3	01:28	3.22	3	01:02	0.32	3	01:28
WEIR-53	WEIR	45.47	2	12:25	37.48	2	12:25	1.00	2	08:27
WEIR-55	WEIR	5.80	3	01:23	2.47	2	23:13	0.33	3	01:29
WEIR-57	WEIR	17.70	3	00:19	10.63	2	23:13	0.70	2	23:28
WEIR-59	WEIR	15.69	3	01:23	8.34	2	23:13	0.64	3	01:09
WEIR-61	WEIR	9.99	3	01:19	6.05	2	23:13	0.49	3	01:17
WEIR-63	WEIR	10.41	3	03:27	7.18	2	08:49	1.00	2	06:35
WEIR-65	WEIR	1.15	2	12:02	1.14	2	12:03	0.06	2	12:02
WEIR-67	WEIR	16.18	2	11:52	10.04	2	11:59	0.53	2	12:04
WEIR-69	WEIR	15.11	2	17:19	5.93	2	13:13	0.69	2	22:35
WEIR-7	WEIR	21.10	2	21:13	11.15	2	23:28	0.78	2	15:56
WEIR-71	WEIR	9.13	2	17:58	6.55	2	15:25	0.45	2	16:16
WEIR-73	WEIR	6.71	2	17:53	3.99	2	13:16	0.37	2	16:25
WEIR-75	WEIR	2.01	2	12:42	2.01	2	12:43	0.55	2	12:48
WEIR-77	WEIR	16.77	2	21:19	12.68	2	21:28	0.63	2	21:48
WEIR-79	WEIR	12.22	3	01:23	7.46	2	21:28	0.61	2	21:48
WEIR-81	WEIR	9.46	2	20:38	7.19	2	21:16	0.52	2	20:13
WEIR-83	WEIR	62.04	3	01:10	45.12	2	22:06	1.00	2	21:20
WEIR-85	WEIR	62.07	2	22:12	40.94	3	00:30	1.00	2	21:18
WEIR-87	WEIR	60.12	2	22:13	34.10	3	01:55	1.00	2	21:18
WEIR-9	WEIR	12.54	2	17:25	3.95	3	03:22	0.66	2	17:20
WEIR-J-748	WEIR	47.93	2	10:58	28.77	2	11:22	1.00	2	07:15
WEIR-J-754-STANTECT	WEIR	73.27	2	06:12	43.43	2	11:44	1.00	1	20:44
WEIR-J-799-EAC	WEIR	2.13	2	06:34	2.13	2	09:11	1.00	1	01:52
CDT-19	DUMMY	4.62	2	07:17	4.62	2	07:20			
CDT-21	DUMMY	2.84	1	07:03	2.84	2	06:29			
CDT-23	DUMMY	1.41	0	15:45	1.41	1	05:49			
CDT-25	DUMMY	3.85	1	22:16	3.85	2	06:35			
CDT-27	DUMMY	2.06	1	12:01	2.06	2	08:14			
CDT-29	DUMMY	1.44	0	15:42	1.44	1	05:19			
CDT-31	DUMMY	2.27	0	15:15	2.27	0	16:37			
CDT-33	DUMMY	1.95	2	07:24	1.95	2	07:25			
CDT-35	DUMMY	1.90	2	13:12	1.90	2	13:13			
CDT-37	DUMMY	3.79	0	17:55	3.80	2	11:42			
CDT-39	DUMMY	2.27	0	21:53	2.27	2	07:43			
CDT-41	DUMMY	1.90	2	04:48	1.90	2	04:49			
CDT-43	DUMMY	0.63	1	08:04	0.63	1	22:55			
CDT-45	DUMMY	1.21	0	17:37	1.21	0	23:56			
CDT-47	DUMMY	1.28	2	10:54	1.28	2	10:55			
CDT-49	DUMMY	1.28	2	09:07	1.28	2	09:17			

CDT-51	DUMMY	1.28	2	09:03	1.28	2	09:07
CDT-53	DUMMY	3.30	2	08:13	3.30	2	10:04
CDT-55	DUMMY	1.90	1	06:11	1.90	1	14:51
CDT-57	DUMMY	1.28	0	13:04	1.28	1	02:27
CDT-59	DUMMY	2.84	1	06:47	2.84	2	11:53
CDT-61	DUMMY	1.28	0	14:58	1.28	0	15:00
CDT-63	DUMMY	2.84	1	14:20	2.84	2	11:53
J33A_OUTFALL	DUMMY	2.82	1	02:42	2.82	2	07:31
J567_OUTFALL	DUMMY	2.82	2	09:36	2.82	2	09:37
U-331	DUMMY	1.70	1	00:14	1.70	2	06:01
W-ENID-DRIVE	DUMMY	3.79	1	05:44	3.80	1	13:06
WELL-W-MCINTYRE	DUMMY	3.79	2	08:54	3.80	2	09:58

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  Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C-WELL3W	1.25	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C-WELL4E	1.41	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-101	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-103	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-105	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-107	2.11	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-109	2.11	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-11	1.00	0.01	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-111	2.11	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-113	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-115	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-121	70.04	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-123	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-125	2.44	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-171	1.00	0.01	0.03	0.00	0.96	0.00	0.00	0.00	0.00	0.00
CDT-173	5.03	0.05	0.00	0.00	0.93	0.00	0.01	0.01	0.00	0.00
CDT-175	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-177	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-179	22.55	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.00	0.00
CDT-181	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-183	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-185	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-187	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-189	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-191	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-193	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-195	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-197	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-199	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-201	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-205	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-207	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-209	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-211	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-213	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-215	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-217	15.62	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-219	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-221	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-223	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-225	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-227	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-229	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-231	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-233	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-235	5.03	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.00	0.00
CDT-237	21.76	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.16	0.00
CDT-239	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-241	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-243	21.76	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-245	21.76	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-247	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-249	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-251	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-253	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-255	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-257	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-259	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-261	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-263	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-265	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-267	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-269	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-271	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-273	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-275	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-277	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-279	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-281	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-283	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-285	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

CDT-287	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-289	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-291	5.03	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
CDT-293	5.03	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-295	5.03	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
CDT-297	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-299	3.52	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.01	0.00
CDT-439	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
CDT-493	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-495	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-525	5.03	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-539	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.10	0.00
CDT-87	14.60	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
CDT-91	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-93	2.11	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
CDT-95	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
CDT-97	2.11	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
CDT-99	2.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J-963_OUTFALL	1.45	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J561_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J575_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
J920_OUTFALL	2.54	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
LINK-WELL-2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
U-1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-102	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-104	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-105	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-11	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-113	1.00	0.02	0.00	0.00	0.93	0.00	0.00	0.05	0.00	0.00
U-114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-118	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-122	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-125	1.00	0.02	0.00	0.00	0.91	0.00	0.00	0.07	0.00	0.00
U-129	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-141	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.11
U-150	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-153	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-155	1.34	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-161	1.00	0.01	0.00	0.00	0.81	0.00	0.00	0.18	0.00	0.03
U-165	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-167	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-17	1.62	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.16
U-171	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-172	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-176	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-177	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-181	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-184	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.01
U-186	1.00	0.01	0.00	0.00	0.37	0.00	0.00	0.62	0.00	0.03
U-191	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-193	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-195	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-197	1.18	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-199	1.00	0.01	0.00	0.00	0.85	0.00	0.00	0.14	0.00	0.04
U-20	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-200	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.01
U-201	1.00	0.01	0.00	0.00	0.75	0.00	0.00	0.24	0.00	0.07
U-202	1.00	0.01	0.00	0.00	0.82	0.00	0.01	0.16	0.00	0.07
U-203	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-204	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-206	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-207	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-208	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-211	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-213	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-214	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-220	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-221	1.57	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-227	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-228	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-231	1.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-232	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.10
U-233	1.00	0.01	0.00	0.00	0.90	0.00	0.00	0.09	0.00	0.00
U-237	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-239	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-240	1.00	0.00	0.00	0.00	0.96	0.00	0.00	0.04	0.00	0.00
U-242	1.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-244	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-245	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-249	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-25	1.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-253	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-254	1.00	0.01	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.00
U-256	2.69	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
U-259	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-260	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-261	1.00	0.02	0.00	0.00	0.31	0.00	0.00	0.67	0.00	0.23
U-262-NEW	1.40	0.79	0.00	0.00	0.10	0.00	0.00	0.10	0.00	0.00
U-263	1.00	0.00	0.40	0.00	0.20	0.00	0.39	0.00	0.00	0.16
U-265	2.65	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.00	0.15
U-267	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-270	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-271	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-274	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-277	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-280	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-286	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-289	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-290	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-291	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-293	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-294	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-295	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-298	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-299	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-300	1.02	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-304	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-308A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-309	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-312	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-315	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-316	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-319	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-322	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-325	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.00
U-327	1.00	0.02	0.00	0.00	0.17	0.00	0.00	0.82	0.00	0.00
U-328	1.00	0.01	0.00	0.00	0.96	0.00	0.00	0.03	0.00	0.00
U-330	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-332	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.03
U-335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-337	1.13	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.10
U-34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-344	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-345	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.13
U-346	1.01	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-347	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-348	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-35	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-351	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-352	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-353	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-354	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-357	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-358	1.00	0.00	0.00	0.00	0.67	0.00	0.01	0.32	0.00	0.17
U-364	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-364A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-366	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-37	1.35	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-372	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-373	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-376	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.08
U-379	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-38	1.59	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-382	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-385	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-386	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-388	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-390	1.00	0.01	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-391	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.03
U-392	1.79	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-394	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.04
U-397	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-398	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-399	1.00	0.00	0.00	0.00	0.88	0.00	0.00	0.11	0.00	0.00
U-402	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-404	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-406	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-407	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.01
U-408	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.00
U-409	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-411	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-412	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-413	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-414	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-415	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-417	1.00	0.08	0.00	0.00	0.87	0.00	0.03	0.02	0.00	0.00
U-418	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-419	1.55	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-421	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-428	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-430	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-434	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-437	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-439	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-44	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.03
U-440	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.06
U-441	1.00	0.02	0.00	0.00	0.56	0.00	0.00	0.42	0.00	0.02
U-443	1.00	0.01	0.00	0.00	0.33	0.00	0.00	0.66	0.00	0.21
U-445	1.00	0.01	0.00	0.00	0.94	0.00	0.00	0.04	0.00	0.07
U-447	2.20	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.01
U-448	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.04
U-449	1.00	0.01	0.00	0.00	0.95	0.00	0.00	0.04	0.00	0.08
U-45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.04
U-450	1.00	0.01	0.00	0.00	0.77	0.00	0.00	0.21	0.00	0.18
U-451	1.00	0.01	0.00	0.00	0.89	0.00	0.01	0.09	0.00	0.12
U-452	1.00	0.01	0.00	0.00	0.93	0.00	0.00	0.05	0.00	0.02
U-454	1.00	0.01	0.00	0.00	0.76	0.00	0.03	0.20	0.00	0.37
U-456	1.62	0.01	0.00	0.00	0.56	0.00	0.02	0.41	0.00	0.38
U-463	1.00	0.02	0.07	0.00	0.38	0.00	0.14	0.39	0.00	0.51
U-464	1.00	0.01	0.01	0.00	0.94	0.00	0.00	0.05	0.00	0.03
U-466	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.00	0.02
U-468	2.01	0.00	0.32	0.00	0.67	0.00	0.01	0.00	0.00	0.28
U-468-NEW	1.00	0.10	0.00	0.00	0.66	0.00	0.00	0.24	0.00	0.00
U-469	1.32	0.00	0.00	0.00	0.99	0.00	0.00	0.01	0.00	0.23
U-47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-48	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-483	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-486	1.00	0.03	0.00	0.00	0.94	0.00	0.00	0.03	0.00	0.00
U-489	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.57
U-492	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-495	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.11
U-496	1.00	0.01	0.00	0.00	0.76	0.00	0.01	0.21	0.00	0.07
U-497	1.00	0.02	0.00	0.00	0.16	0.00	0.00	0.82	0.00	0.53
U-498	1.00	0.03	0.00	0.00	0.03	0.00	0.00	0.95	0.00	0.57
U-5	2.12	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.08
U-50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-500	3.06	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-501	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.00	0.01
U-502	1.29	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-503	1.00	0.02	0.00	0.00	0.97	0.00	0.01	0.00	0.00	0.24
U-507	1.00	0.02	0.00	0.00	0.64	0.00	0.00	0.34	0.00	0.04

U-509	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.00	0.13
U-513	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-514	1.00	0.04	0.03	0.00	0.72	0.00	0.18	0.03	0.00	0.01
U-518-NEW	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-519-NEW	1.00	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-522	1.00	0.41	0.00	0.00	0.17	0.00	0.00	0.41	0.00	0.16
U-523	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-524-NEW	3.72	0.82	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
U-525	1.00	0.82	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.02
U-526	1.00	0.83	0.00	0.00	0.14	0.00	0.03	0.00	0.00	0.00
U-527	1.00	0.83	0.00	0.00	0.14	0.00	0.03	0.00	0.00	0.00
U-53	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-530	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.15
U-531	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-533	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-534-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-537	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.11
U-538	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-54	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.10
U-545	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-547	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-548	13.18	0.00	0.09	0.00	0.90	0.00	0.01	0.00	0.00	0.06
U-549	13.50	0.04	0.05	0.00	0.90	0.00	0.01	0.00	0.00	0.39
U-55	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-550	1.00	0.02	0.02	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-555	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.00
U-557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-559	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-56	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-562	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-565	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-568	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-569	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-570	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.07
U-572	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-573	1.03	0.00	0.13	0.00	0.75	0.00	0.12	0.00	0.00	0.38
U-574	1.43	0.14	0.00	0.00	0.70	0.00	0.07	0.10	0.00	0.26
U-575	1.93	0.00	0.00	0.00	0.77	0.00	0.23	0.00	0.00	0.00
U-580	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-583	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
U-584	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-587	1.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-589	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-59	3.20	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.11
U-590	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-591	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-596	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-599	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-60	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-601	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-604	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-608	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-609	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-612	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-614	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.16
U-616	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-618	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-620	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-621	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-623	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-625	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-628	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-629	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-632	1.97	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.00	0.62
U-633	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-637	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-64	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-640	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-643	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-646	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-648	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-649	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-651	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-652	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-653	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-656	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-657	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-659-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-66	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-663	1.00	0.02	0.00	0.00	0.90	0.00	0.00	0.09	0.00	0.00
U-668	1.00	0.01	0.00	0.00	0.45	0.00	0.00	0.53	0.00	0.00
U-671	1.00	0.01	0.00	0.00	0.41	0.00	0.00	0.57	0.00	0.00
U-674	1.00	0.01	0.00	0.00	0.32	0.00	0.00	0.66	0.00	0.00
U-675	1.00	0.01	0.00	0.00	0.65	0.00	0.01	0.33	0.00	0.02
U-678	1.00	0.01	0.00	0.00	0.42	0.00	0.00	0.56	0.00	0.04
U-68	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-681	1.00	0.02	0.00	0.00	0.62	0.02	0.05	0.29	0.00	0.12
U-682	1.53	0.03	0.00	0.00	0.15	0.01	0.02	0.80	0.00	0.53
U-684	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-685	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-686	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.01	0.00	0.00
U-687	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-688	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-690	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-694	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-695	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-696	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-70	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-701	3.71	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.06
U-704	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-706	2.63	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-707	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-708	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-71	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-710	3.71	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-711	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-717	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-718	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-719	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-720	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
U-721-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-725	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-727	1.00	0.02	0.00	0.00	0.77	0.00	0.00	0.20	0.00	0.00
U-729	1.00	0.02	0.00	0.00	0.56	0.00	0.00	0.42	0.00	0.10
U-73	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-731	1.00	0.02	0.00	0.00	0.83	0.00	0.00	0.15	0.00	0.00
U-732	1.00	0.02	0.00	0.00	0.68	0.00	0.00	0.29	0.00	0.15
U-734	1.00	0.02	0.00	0.00	0.94	0.00	0.00	0.04	0.00	0.00
U-736	1.00	0.01	0.00	0.00	0.54	0.00	0.00	0.45	0.00	0.01
U-738	1.00	0.01	0.00	0.00	0.57	0.00	0.01	0.41	0.00	0.00
U-74	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-740	1.00	0.02	0.00	0.00	0.84	0.00	0.00	0.14	0.00	0.01
U-741	1.00	0.02	0.00	0.00	0.80	0.00	0.00	0.19	0.00	0.00
U-743	1.00	0.01	0.00	0.00	0.38	0.00	0.00	0.61	0.00	0.01
U-745	1.00	0.01	0.00	0.00	0.91	0.00	0.00	0.08	0.00	0.00
U-747	1.00	0.02	0.00	0.00	0.77	0.00	0.00	0.22	0.00	0.00
U-749	1.00	0.02	0.00	0.00	0.79	0.00	0.00	0.19	0.00	0.00
U-75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-751	1.00	0.02	0.00	0.00	0.84	0.00	0.00	0.14	0.00	0.02
U-753	1.00	0.02	0.00	0.00	0.81	0.00	0.00	0.17	0.00	0.04
U-755	1.00	0.02	0.00	0.00	0.85	0.00	0.00	0.14	0.00	0.00
U-763	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-766	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-769	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-77	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-772	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-775	1.00	0.00	0.00	0.00	0.98	0.00	0.01	0.00	0.00	0.00
U-778	1.00	0.00	0.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00
U-783	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-786	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-789	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-792	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-795	1.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-796	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-8	3.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.04
U-801	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-804	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-807	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-810	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-811	1.09	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-815	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-816	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-820	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-823	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-826	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U-829	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-83	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-832	1.33	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-833	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-834-EAC	1.22	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-835	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.07
U-837	1.21	0.00	0.01	0.00	0.97	0.00	0.01	0.00	0.00	0.00
U-838	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-839	1.00	0.00	0.00	0.00	0.99	0.00	0.01	0.00	0.00	0.00
U-840	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-841	1.46	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-842	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-846	1.00	0.02	0.00	0.00	0.81	0.00	0.00	0.16	0.00	0.24
U-847	1.02	0.02	0.00	0.00	0.14	0.00	0.83	0.00	0.00	0.00
U-848	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
U-851	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-852	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-854	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-856	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-858	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-860	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-863	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-864	1.14	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.03
U-865	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.13
U-866	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-867	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-868	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-869	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-871	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-872	1.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-874-NEW	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-875	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.05
U-878	1.00	0.01	0.00	0.00	0.95	0.00	0.00	0.03	0.00	0.00
U-879	1.00	0.01	0.00	0.00	0.57	0.00	0.00	0.41	0.00	0.04
U-88	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-880	1.42	0.02	0.00	0.00	0.77	0.00	0.00	0.21	0.00	0.11
U-885	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
U-90	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-91	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-92	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.00	0.00
U-96	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-97	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-98	2.68	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U-99	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
C-WELL3W	77.99	77.99	78.00	0.00	0.00
C-WELL4E	0.44	0.44	2.31	0.00	0.00
CDT-101	23.43	23.43	23.48	0.27	8.67
CDT-103	23.23	23.34	23.53	0.74	9.09
CDT-105	22.91	22.97	23.21	0.90	4.45
CDT-107	21.00	21.31	22.12	1.65	13.22
CDT-109	21.02	21.20	21.25	1.52	6.51
CDT-11	62.78	62.78	65.03	10.57	13.71
CDT-111	20.73	20.99	21.67	1.15	8.69
CDT-113	20.26	20.69	20.37	0.72	5.14
CDT-115	22.55	22.75	22.61	0.02	9.84
CDT-121	28.76	29.27	75.15	0.00	0.13
CDT-123	55.42	55.42	55.43	1.55	9.65
CDT-125	53.32	53.33	53.32	0.01	5.41
CDT-171	22.26	22.26	23.17	0.00	0.00
CDT-173	14.84	15.84	15.34	0.03	4.63
CDT-175	13.65	13.80	13.71	0.00	1.31
CDT-177	13.65	13.80	13.71	0.00	1.21
CDT-179	6.99	6.99	12.96	0.00	0.01
CDT-181	4.52	4.74	4.77	0.00	2.90
CDT-183	17.36	17.53	17.40	0.01	4.58
CDT-185	4.52	4.74	4.76	0.00	2.90
CDT-187	39.82	40.06	39.95	0.00	15.28
CDT-189	39.82	39.95	40.06	0.00	15.28
CDT-191	12.89	13.18	12.96	0.00	1.41

CDT-193	22.89	22.99	23.56	0.08	6.27
CDT-195	45.84	45.84	45.84	0.00	5.67
CDT-197	21.89	21.94	22.08	0.02	10.24
CDT-199	21.88	21.98	21.90	0.00	10.35
CDT-201	21.80	21.95	21.82	0.00	10.54
CDT-205	21.87	21.95	22.11	0.02	10.51
CDT-207	21.32	21.50	21.98	0.07	5.87
CDT-209	27.70	27.92	27.92	0.00	9.05
CDT-211	27.71	27.92	27.92	0.00	11.33
CDT-213	25.86	27.85	26.44	0.14	10.56
CDT-215	22.55	22.63	22.84	0.02	11.25
CDT-217	21.92	21.97	22.45	0.00	0.66
CDT-219	21.95	21.96	21.99	0.06	9.89
CDT-221	18.32	18.32	18.32	0.00	8.11
CDT-223	21.80	21.88	21.81	0.01	11.01
CDT-225	18.30	18.30	18.30	0.00	8.59
CDT-227	20.93	21.02	21.13	0.00	11.34
CDT-229	22.13	22.19	22.15	0.00	11.62
CDT-231	22.13	22.15	22.19	0.00	11.93
CDT-233	21.88	22.12	21.99	0.02	7.35
CDT-235	19.96	21.02	20.05	0.04	9.70
CDT-237	20.60	20.65	23.11	0.00	1.93
CDT-239	23.27	23.35	23.27	0.00	10.21
CDT-241	22.13	22.19	22.15	0.00	9.49
CDT-243	21.10	21.16	23.27	0.00	0.13
CDT-245	21.10	21.16	23.27	0.00	0.13
CDT-247	21.77	21.82	22.13	0.00	10.84
CDT-249	22.02	22.21	22.07	0.00	10.66
CDT-251	18.30	18.30	18.30	0.00	8.62
CDT-253	21.35	21.44	21.37	0.00	7.96
CDT-255	23.24	23.35	23.24	0.35	12.99
CDT-257	23.24	23.35	23.24	0.56	10.40
CDT-259	20.53	20.67	20.71	0.00	3.61
CDT-261	21.71	22.02	21.89	0.01	4.27
CDT-263	18.59	18.64	18.60	0.01	0.90
CDT-265	14.32	14.50	14.86	0.10	0.99
CDT-267	14.32	14.50	14.87	0.10	2.19
CDT-269	6.83	6.83	6.83	0.00	1.96
CDT-271	20.04	20.23	20.09	0.00	9.22
CDT-273	22.73	22.77	22.92	0.01	10.70
CDT-275	20.43	20.46	20.56	0.01	8.76
CDT-277	20.06	20.09	20.07	0.00	8.12
CDT-279	22.73	22.77	22.92	0.01	11.41
CDT-281	20.06	20.09	20.07	0.00	9.76
CDT-283	20.64	20.71	20.89	0.00	3.11
CDT-285	20.08	20.13	20.09	0.00	2.47
CDT-287	20.12	20.13	20.16	0.01	9.22
CDT-289	18.38	18.38	18.38	0.00	7.55
CDT-291	23.13	23.17	23.21	0.02	9.62
CDT-293	19.84	19.89	20.03	0.02	9.12
CDT-295	18.30	18.93	18.42	7.71	9.34
CDT-297	21.67	21.99	21.88	7.54	10.86
CDT-299	57.08	57.22	60.69	16.26	25.20
CDT-439	40.31	52.98	42.98	43.52	17.54
CDT-493	54.24	55.13	54.89	54.44	32.08
CDT-495	53.46	54.89	54.11	50.57	26.29
CDT-525	60.54	60.54	60.54	0.84	12.75
CDT-539	16.62	16.63	37.85	0.01	1.13
CDT-87	0.00	0.00	0.00	0.95	0.00
CDT-91	66.32	66.32	66.32	0.08	10.12
CDT-93	27.66	29.71	32.47	5.30	12.84
CDT-95	20.78	20.82	20.90	0.69	12.07
CDT-97	20.61	20.66	20.78	1.10	11.31
CDT-99	25.05	27.42	25.66	1.16	13.15
J-963_OUTFALL	78.00	78.00	78.00	8.58	25.24
J561_OUTFALL	60.02	60.02	78.00	19.77	19.34
J575_OUTFALL	77.99	77.99	78.00	5.31	10.10
J920_OUTFALL	60.00	60.00	78.00	0.00	1.48
LINK-WELL-2	40.39	40.39	77.99	22.82	20.09
U-1	56.96	61.75	56.96	34.60	33.50
U-100	29.71	36.70	38.47	32.73	17.12
U-101	33.26	40.18	41.38	40.27	22.86
U-102	32.48	38.47	43.53	38.08	22.73
U-103	39.99	41.38	56.32	43.47	25.75
U-104	63.93	63.94	63.93	46.15	29.11
U-105	25.34	26.86	34.43	34.07	20.08
U-106	24.33	24.33	78.00	9.24	11.88
U-11	61.36	61.46	61.37	9.15	32.01
U-110	62.89	63.07	63.33	49.78	15.64
U-112	59.75	59.81	63.33	22.75	29.37

U-113	62.04	64.45	62.04	61.23	28.94
U-114	59.72	63.36	59.81	37.58	39.38
U-118	62.33	62.33	62.38	39.62	38.54
U-121	54.65	61.59	54.74	40.55	40.63
U-122	56.15	56.16	61.63	33.77	31.80
U-125	21.23	21.90	22.71	43.08	19.57
U-129	57.47	62.49	57.54	39.57	19.60
U-13	62.76	62.79	62.76	55.45	37.85
U-131	57.40	62.53	57.54	50.33	38.62
U-141	44.08	63.17	44.11	55.31	14.29
U-142	44.08	44.11	63.19	55.25	17.18
U-147	42.01	63.17	42.04	54.72	16.51
U-15	62.36	62.36	64.88	3.26	12.95
U-150	34.37	42.04	47.15	58.02	25.20
U-153	39.91	47.16	48.34	54.24	33.48
U-155	42.37	48.34	49.50	45.94	26.76
U-156	41.20	49.53	50.12	56.49	25.44
U-158	50.08	50.09	63.19	52.04	27.64
U-16	50.71	51.34	51.35	52.62	29.32
U-160	36.28	43.59	49.39	48.98	19.94
U-161	38.56	46.77	46.39	58.02	22.25
U-165	25.79	34.56	26.22	54.40	21.80
U-167	23.17	26.22	26.53	61.06	20.05
U-17	22.92	22.92	23.83	0.00	0.56
U-171	26.12	34.86	26.53	55.94	22.80
U-172	25.18	26.53	35.46	62.87	21.55
U-176	34.17	35.27	35.46	51.24	27.90
U-177	21.16	22.57	21.89	54.58	1.62
U-18	57.62	57.62	61.01	42.80	28.61
U-181	20.84	23.02	21.89	59.70	9.73
U-184	21.19	23.03	22.31	58.62	9.97
U-186	29.18	31.97	31.71	61.86	12.70
U-191	53.29	64.11	53.35	59.46	38.96
U-193	43.74	53.36	47.72	53.11	28.63
U-195	41.30	47.72	48.21	54.14	31.25
U-196	46.57	48.20	60.94	58.96	32.61
U-197	35.07	39.66	37.58	42.07	7.01
U-199	36.40	39.66	40.15	55.43	21.54
U-20	57.62	61.01	57.62	57.09	35.09
U-200	41.95	43.17	52.59	59.17	24.15
U-201	29.91	35.14	39.32	57.52	18.29
U-202	37.18	44.37	42.29	47.65	15.63
U-203	64.28	64.28	64.31	61.07	32.44
U-204	61.52	61.52	64.31	57.01	22.60
U-206	64.31	64.31	64.31	56.80	32.23
U-207	53.10	61.43	54.86	58.61	31.36
U-208	47.32	54.81	53.09	57.52	37.52
U-211	53.00	53.13	64.09	59.43	34.78
U-213	53.08	53.08	64.21	58.26	36.92
U-214	54.58	54.58	78.00	0.00	7.44
U-22	58.07	61.01	58.07	58.81	41.14
U-220	64.30	64.76	64.37	51.56	24.58
U-221	68.52	68.52	68.52	56.06	33.45
U-227	37.91	42.99	50.38	48.77	28.31
U-228	50.38	50.38	64.31	58.15	35.68
U-231	36.67	40.83	44.78	20.48	8.57
U-232	59.93	62.34	63.80	0.00	10.51
U-233	44.35	45.66	59.65	62.24	16.54
U-237	34.01	52.98	36.66	33.32	9.85
U-239	62.20	63.13	62.34	57.13	42.99
U-240	62.23	63.15	62.48	59.89	29.94
U-242	56.86	58.54	59.97	26.58	30.58
U-244	63.08	63.15	63.19	59.60	31.69
U-245	50.81	50.88	63.15	52.84	26.24
U-249	42.51	50.81	50.88	52.48	22.25
U-25	55.14	58.18	57.70	41.97	36.09
U-251	44.43	52.21	50.77	46.34	20.52
U-253	63.38	63.38	63.40	59.66	40.59
U-254	52.84	53.04	63.02	60.17	32.42
U-256	46.60	54.32	47.99	10.26	23.63
U-259	36.31	45.64	42.20	56.60	32.37
U-26	57.53	57.53	61.01	55.25	16.65
U-260	62.13	62.93	62.45	62.89	25.55
U-261	14.11	15.48	14.60	27.84	12.53
U-262-NEW	14.85	19.72	14.97	22.43	14.47
U-263	19.35	19.35	78.00	0.00	0.11
U-265	21.33	21.66	53.93	0.00	0.39
U-267	40.67	51.47	51.90	53.54	17.81
U-270	40.80	51.90	51.05	52.76	16.89
U-271	42.30	51.05	53.91	53.71	32.40

U-274	56.49	56.49	61.01	27.25	16.72
U-277	56.49	61.02	56.49	36.30	23.03
U-28	46.74	61.01	46.74	50.83	24.31
U-280	40.90	63.06	40.92	55.56	14.05
U-286	36.28	63.06	36.29	53.99	8.72
U-289	30.05	36.29	45.32	53.48	5.11
U-29	46.74	46.74	61.01	53.52	19.92
U-290	29.73	40.92	39.96	51.57	6.67
U-291	37.22	39.96	56.11	52.02	9.47
U-293	45.30	45.32	63.06	46.26	12.96
U-294	53.30	63.06	53.32	57.46	42.05
U-295	48.86	53.33	56.12	47.21	33.21
U-298	44.46	47.61	56.11	48.66	30.76
U-299	44.96	56.12	47.74	48.45	12.59
U-300	39.82	47.72	46.35	37.09	16.87
U-304	63.65	63.93	63.65	64.36	37.24
U-308	26.69	41.02	32.94	56.63	11.56
U-308A	34.42	41.01	47.10	53.00	10.75
U-309	31.87	38.10	47.59	54.33	24.61
U-312	22.29	32.94	28.11	64.55	2.71
U-315	21.92	28.10	26.02	64.05	1.88
U-316	23.99	26.02	28.56	60.44	2.54
U-319	18.61	19.29	18.95	59.45	1.01
U-322	18.68	19.25	18.95	59.51	14.46
U-325	18.39	19.25	18.40	61.99	11.30
U-327	18.39	18.44	18.90	62.00	11.17
U-328	22.67	27.72	27.70	43.84	3.89
U-330	30.34	30.34	63.51	0.00	0.67
U-332	57.02	57.02	64.78	0.02	4.67
U-335	39.15	39.22	63.18	43.19	14.04
U-337	31.69	34.26	56.05	0.00	3.71
U-34	36.30	60.97	36.30	45.44	11.46
U-341	64.74	64.78	64.75	43.63	19.46
U-344	38.78	38.80	64.32	56.47	19.29
U-345	26.49	38.09	38.80	0.16	2.15
U-346	52.52	62.72	52.58	58.51	41.73
U-347	40.69	52.60	47.11	64.14	31.53
U-348	26.03	35.24	32.90	45.51	5.98
U-35	36.38	60.97	36.39	51.46	10.06
U-351	61.92	62.45	62.45	54.40	44.71
U-352	38.88	42.62	52.30	28.64	14.60
U-353	52.29	52.30	62.85	24.19	11.64
U-354	22.24	28.75	23.69	42.22	1.51
U-357	20.78	25.28	23.69	57.00	14.74
U-358	33.73	43.88	44.27	57.83	6.16
U-364	62.06	62.06	62.06	49.78	0.68
U-364A	53.26	53.32	53.27	7.38	7.98
U-366	35.71	62.84	35.78	54.39	10.89
U-37	60.97	60.97	60.97	34.97	41.31
U-372	30.17	35.78	47.11	52.97	5.84
U-373	50.86	63.64	50.86	51.26	20.21
U-376	29.41	32.93	50.83	0.00	3.17
U-379	63.06	63.11	63.08	53.39	52.35
U-38	24.84	26.01	27.91	5.98	6.57
U-382	34.68	42.66	43.57	37.94	23.29
U-385	40.81	52.69	43.57	39.89	11.97
U-386	63.51	63.55	63.53	26.45	35.86
U-388	55.06	60.31	55.30	40.06	42.14
U-390	52.94	56.76	55.30	27.72	18.38
U-391	55.02	55.02	64.78	0.00	3.25
U-392	52.47	55.03	60.27	0.00	10.34
U-394	63.08	63.08	66.89	0.00	1.74
U-397	63.02	63.15	63.09	56.67	36.88
U-398	20.07	21.28	21.01	44.93	1.58
U-399	61.46	66.89	61.46	62.20	32.86
U-402	48.55	63.41	48.59	57.99	38.22
U-404	47.67	48.57	62.14	49.80	32.67
U-406	44.69	63.32	44.76	56.91	17.21
U-407	58.28	63.80	58.32	44.25	37.96
U-408	58.77	64.00	58.91	27.89	13.61
U-409	39.20	47.81	45.78	2.02	8.00
U-411	34.40	45.80	41.62	49.41	19.91
U-412	33.14	41.62	42.88	51.20	24.44
U-413	35.15	42.87	41.41	40.02	21.57
U-414	47.46	64.07	47.52	59.33	32.34
U-415	41.77	41.81	64.16	52.37	18.98
U-416	63.99	64.16	64.15	61.68	33.11
U-417	18.15	18.26	18.18	1.17	0.71
U-418	39.35	39.35	58.51	41.76	29.52
U-419	64.33	78.00	64.33	19.21	16.08

U-420	58.48	58.48	58.48	34.29	37.43
U-421	21.41	22.63	22.30	3.90	3.51
U-423	20.63	22.30	21.88	13.97	11.82
U-428	20.38	21.88	21.75	21.93	17.26
U-430	19.78	21.75	21.31	30.94	18.95
U-434	19.38	21.31	20.89	29.82	18.52
U-437	39.27	56.56	39.27	46.14	31.66
U-439	39.33	39.33	61.02	32.08	22.73
U-44	36.20	36.20	60.98	2.62	13.01
U-440	38.13	38.13	61.02	17.10	5.18
U-441	23.32	27.54	38.11	17.92	2.19
U-443	21.06	25.63	24.66	32.87	3.49
U-445	18.33	19.80	21.43	0.86	1.64
U-447	58.33	58.34	62.19	0.00	8.35
U-448	55.34	55.34	63.24	0.03	6.38
U-449	20.63	21.77	31.77	0.17	3.30
U-45	22.10	34.31	36.20	0.92	5.18
U-450	15.36	16.04	28.84	0.03	0.24
U-451	14.06	16.04	15.75	19.57	12.93
U-452	2.69	6.10	15.80	28.41	0.26
U-454	1.87	2.40	4.48	4.40	1.32
U-456	1.37	1.95	1.81	1.57	1.16
U-463	0.87	0.92	6.61	0.00	0.15
U-464	18.08	18.50	19.28	0.28	1.05
U-466	34.30	34.30	61.03	0.75	0.91
U-468	22.50	22.51	24.61	0.00	0.02
U-468-NEW	20.43	22.06	20.77	0.58	2.58
U-469	22.95	22.95	60.73	0.21	0.42
U-47	61.65	61.65	62.13	30.21	38.09
U-48	64.93	64.93	64.97	4.16	16.15
U-481	65.25	65.25	66.13	55.50	55.72
U-483	65.25	66.13	65.25	29.66	26.75
U-486	23.03	23.06	23.09	11.38	0.33
U-489	21.98	21.99	24.61	0.00	0.02
U-492	35.30	39.55	52.33	40.66	9.15
U-495	51.41	51.41	60.37	1.69	4.21
U-496	18.18	21.34	20.88	61.52	15.24
U-497	0.00	0.00	0.00	61.53	0.00
U-498	0.00	0.00	0.97	62.00	0.00
U-5	57.05	57.05	61.75	0.00	8.46
U-50	64.97	64.97	64.97	45.09	33.19
U-500	60.41	60.46	61.94	0.18	10.12
U-501	18.48	23.42	21.29	61.98	16.12
U-502	48.62	48.65	59.67	0.00	7.91
U-503	10.49	10.49	60.14	0.00	0.18
U-507	10.16	10.49	11.78	22.92	0.75
U-509	4.29	4.34	25.22	0.00	0.02
U-513	22.24	22.73	22.49	10.54	9.24
U-514	24.89	25.03	41.50	0.06	1.63
U-518-NEW	31.88	32.58	32.13	47.14	27.31
U-519-NEW	21.92	22.16	22.35	0.00	0.06
U-522	19.15	22.81	19.15	34.42	6.18
U-523	23.63	23.65	23.66	21.61	11.86
U-524-NEW	19.71	19.77	22.02	0.00	1.44
U-525	19.74	19.78	19.76	21.48	16.93
U-526	19.49	19.52	19.72	21.24	2.16
U-527	19.79	19.79	19.82	21.27	2.20
U-53	64.52	64.53	64.54	45.69	32.86
U-530	23.62	23.90	56.96	0.00	1.53
U-531	59.98	59.98	65.19	41.46	22.83
U-533	63.54	63.54	63.84	3.89	2.09
U-534-NEW	22.55	22.55	78.00	16.72	16.57
U-537	63.60	63.60	65.00	3.04	3.69
U-538	54.51	54.51	60.38	0.00	13.58
U-54	64.39	64.53	64.40	38.07	27.49
U-543	33.82	56.03	35.13	0.00	7.46
U-545	65.75	65.75	65.75	55.37	24.15
U-547	21.18	21.18	78.00	2.12	2.13
U-548	9.96	9.96	61.29	0.00	0.00
U-549	9.96	9.96	43.37	0.00	0.00
U-55	64.40	64.40	64.54	18.73	22.29
U-550	45.67	57.41	48.93	0.00	10.87
U-555	39.50	39.50	63.60	0.00	11.00
U-557	45.60	62.64	45.60	52.48	35.54
U-559	36.12	45.59	44.27	40.59	23.33
U-56	48.83	64.54	48.88	58.58	19.37
U-562	44.26	44.27	62.64	47.05	23.65
U-565	62.64	62.64	62.64	47.56	47.02
U-568	27.32	34.90	34.81	34.60	21.25
U-569	29.48	34.80	37.77	29.06	20.25

U-570	35.60	37.76	58.95	3.33	10.16
U-572	54.80	58.96	58.15	23.40	33.68
U-573	11.76	11.76	64.78	0.00	0.04
U-574	11.74	11.76	14.97	0.00	0.14
U-575	16.41	16.41	78.00	0.00	0.00
U-580	29.91	36.30	44.44	45.74	14.03
U-583	44.43	44.43	60.98	45.27	24.42
U-584	36.39	36.39	60.98	47.57	18.15
U-587	48.28	49.01	56.29	14.08	15.39
U-589	37.26	56.29	38.05	46.26	29.29
U-59	26.37	27.72	57.23	0.00	1.92
U-590	60.98	60.98	60.98	52.41	28.56
U-591	34.82	34.82	61.01	57.13	24.92
U-596	34.79	34.82	60.98	53.81	18.00
U-599	31.38	42.73	35.59	23.81	8.55
U-60	41.67	44.34	58.51	52.70	29.68
U-601	60.98	60.98	60.99	53.90	25.42
U-604	60.99	61.00	60.99	45.33	36.91
U-608	53.20	54.34	54.35	35.97	31.49
U-609	22.23	25.16	26.21	32.80	15.67
U-612	23.48	26.21	26.31	32.04	12.25
U-614	22.97	26.31	38.03	0.00	0.89
U-616	27.73	38.03	36.96	48.86	20.65
U-618	62.78	62.78	62.79	52.16	27.86
U-62	66.29	66.29	66.29	56.29	54.54
U-620	63.73	78.00	63.73	19.31	19.10
U-621	63.73	63.73	63.73	24.55	5.00
U-623	48.50	61.48	48.50	49.70	22.90
U-624	38.72	48.50	43.99	24.21	11.76
U-625	30.91	44.00	38.14	41.42	15.62
U-628	38.13	38.14	61.46	43.76	23.61
U-629	24.13	25.55	26.43	16.47	6.76
U-632	12.90	12.90	12.94	14.04	12.57
U-633	12.79	12.82	12.90	25.71	12.59
U-637	12.98	13.01	13.18	48.84	12.70
U-64	62.83	62.85	62.83	46.15	31.18
U-640	12.91	13.07	13.01	49.90	12.73
U-643	12.94	13.06	13.07	33.01	12.11
U-646	32.94	33.78	33.64	32.82	30.30
U-648	32.94	33.64	33.85	26.77	24.25
U-649	33.25	33.85	34.56	41.08	31.83
U-651	34.17	34.56	34.28	25.31	22.76
U-652	34.40	34.40	78.00	3.28	3.19
U-653	32.27	34.21	34.55	53.21	31.54
U-656	33.47	34.69	34.21	37.28	31.83
U-657	34.69	37.32	34.69	40.20	32.94
U-659-NEW	18.18	18.18	78.00	2.07	1.96
U-66	41.96	62.83	41.98	52.66	33.92
U-663	13.87	14.10	18.36	61.21	9.86
U-668	13.83	14.73	14.04	61.71	13.77
U-671	13.86	14.49	13.99	61.87	13.74
U-674	13.77	13.79	13.80	46.03	13.74
U-675	13.61	14.16	14.11	55.23	9.19
U-678	13.73	14.17	16.28	61.35	13.24
U-68	34.11	41.99	42.70	51.94	25.20
U-681	14.93	17.69	15.94	63.27	13.20
U-682	16.61	21.16	17.08	62.61	13.65
U-684	66.82	66.83	67.20	5.35	1.48
U-685	64.61	64.71	64.69	31.49	31.72
U-686	64.45	64.58	64.65	56.75	42.76
U-687	59.91	59.92	61.30	17.20	21.26
U-688	45.36	61.27	45.39	37.70	19.47
U-690	65.13	65.15	65.17	65.31	22.83
U-694	65.09	65.16	65.15	61.81	26.45
U-695	40.16	46.30	52.08	26.19	19.24
U-696	63.36	63.37	63.37	41.97	22.43
U-70	34.80	42.70	41.18	44.83	25.09
U-701	22.00	22.00	61.96	0.00	2.24
U-704	65.21	65.24	65.24	52.38	39.81
U-706	66.12	66.12	66.12	24.35	19.40
U-707	41.52	48.76	48.96	17.40	14.98
U-708	55.09	57.24	60.63	37.85	33.99
U-71	34.35	41.18	41.60	46.12	26.64
U-710	60.63	60.63	63.34	20.73	31.93
U-711	33.45	35.72	46.09	27.84	24.60
U-717	63.68	64.17	63.72	32.30	41.78
U-718	63.61	63.72	64.17	37.60	39.84
U-719	26.08	26.15	26.27	19.41	19.36
U-720	59.69	59.69	59.70	56.68	12.13
U-721-NEW	63.19	63.19	63.19	51.71	14.55

U-725	59.96	65.19	59.96	38.93	27.86
U-727	11.57	11.61	11.57	48.24	11.50
U-729	11.67	11.93	11.81	57.76	11.59
U-73	36.57	41.60	44.83	43.92	28.70
U-731	12.92	13.63	13.29	62.13	12.65
U-732	13.00	13.45	13.50	55.32	12.54
U-734	13.79	15.46	15.65	62.27	1.44
U-736	12.90	13.65	14.52	63.08	1.36
U-738	10.19	10.75	13.56	64.24	0.26
U-74	37.08	41.64	44.83	20.49	8.43
U-740	8.81	10.75	10.31	61.43	8.52
U-741	6.40	6.61	9.13	62.65	5.49
U-743	5.65	5.71	6.43	62.30	4.87
U-745	5.63	5.71	5.72	61.75	5.59
U-747	5.60	5.75	5.83	61.60	5.52
U-749	8.73	9.01	9.29	58.84	8.58
U-75	36.83	44.83	42.76	45.37	27.86
U-751	8.91	9.50	9.48	52.39	8.66
U-753	9.15	9.85	12.20	49.64	8.80
U-755	5.18	6.05	5.73	45.07	4.55
U-763	2.19	2.53	2.19	24.03	2.19
U-766	0.92	0.98	0.92	16.25	0.92
U-769	0.56	0.92	0.56	23.59	0.56
U-77	37.76	42.76	47.56	47.47	29.44
U-772	0.22	0.56	0.22	21.64	0.22
U-775	0.00	0.00	0.00	4.88	0.00
U-778	0.61	0.61	22.19	65.68	0.00
U-783	18.48	18.49	22.24	26.22	16.90
U-786	15.83	17.28	17.19	21.25	14.95
U-789	16.17	17.19	17.72	27.74	14.72
U-792	17.64	17.72	20.44	42.60	15.39
U-795	16.32	16.70	16.98	9.01	8.07
U-796	22.19	24.55	22.19	64.37	20.61
U-8	55.88	55.88	62.03	0.00	9.47
U-801	21.68	21.69	24.58	26.70	18.65
U-804	17.81	18.91	19.09	22.04	16.93
U-807	18.02	19.09	19.25	32.05	15.23
U-81	44.36	47.61	53.95	44.15	30.20
U-810	19.21	19.25	21.82	37.49	17.47
U-811	18.76	19.26	19.59	17.33	15.02
U-815	18.47	19.00	19.59	33.27	15.40
U-816	24.57	24.72	24.59	52.82	22.70
U-82	41.58	53.98	45.85	48.94	29.31
U-820	21.94	21.95	24.73	24.69	18.73
U-823	17.99	19.19	19.05	22.67	17.04
U-826	17.92	19.05	19.15	29.82	15.98
U-829	18.92	19.15	21.25	41.66	16.84
U-83	45.48	45.84	61.76	48.00	27.09
U-832	21.22	21.25	21.95	22.13	16.40
U-833	18.61	19.67	18.75	5.05	7.83
U-834-EAC	23.46	23.60	29.82	0.45	2.36
U-835	59.57	59.57	61.34	0.00	6.13
U-837	43.39	48.92	52.33	0.42	11.86
U-838	62.77	62.79	64.57	45.06	19.87
U-839	46.65	62.81	47.66	44.42	26.41
U-840	47.67	47.67	64.59	47.69	30.29
U-841	46.10	52.83	51.93	27.02	17.24
U-842	66.16	66.16	66.16	54.54	31.82
U-846	19.89	20.14	20.00	0.03	0.07
U-847	20.01	20.04	20.14	0.02	0.04
U-848	59.96	62.18	60.47	53.51	43.69
U-851	60.96	60.98	60.97	43.93	44.09
U-852	60.97	60.97	60.97	44.14	29.92
U-854	42.55	50.53	47.00	29.81	23.48
U-856	46.55	52.49	50.16	28.62	26.74
U-858	43.16	50.15	48.47	32.38	27.47
U-860	39.66	48.45	44.76	33.18	25.92
U-863	60.45	60.45	60.46	35.42	27.13
U-864	61.01	61.01	61.05	0.13	16.28
U-865	61.01	61.01	61.30	0.00	6.10
U-866	64.61	64.67	64.71	64.25	30.04
U-867	68.83	68.83	78.00	1.45	1.45
U-868	68.47	68.47	78.00	2.35	2.35
U-869	0.00	0.00	78.00	0.00	0.00
U-871	67.20	67.20	78.00	0.44	2.55
U-872	55.46	56.32	57.23	0.59	12.64
U-874-NEW	12.39	12.39	77.99	7.82	7.61
U-875	12.87	12.87	61.68	7.65	0.00
U-878	12.07	14.14	13.60	53.47	11.70
U-879	12.69	13.60	22.89	59.24	12.03

U-88	30.68	37.00	40.46	40.94	23.78
U-880	14.49	15.05	20.60	0.00	0.67
U-885	61.68	61.69	61.68	62.42	58.46
U-90	31.09	37.86	40.46	43.15	10.14
U-91	62.19	62.36	62.55	52.25	13.84
U-92	21.84	23.07	22.34	31.43	17.74
U-96	31.40	39.88	37.92	42.31	8.19
U-97	60.42	61.34	61.83	48.32	21.62
U-98	61.54	62.10	61.98	28.47	24.81
U-99	34.26	42.98	40.18	41.31	23.39

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Pumping Summary
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Pump	Percent Utilized	Number of Start-Ups	Min Flow CFS	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal	Power Usage Kw-hr	% Time Off Pump Curve Low	% Time Off Pump Curve High
PS-HC1-LAG	17.64	723	8.00	8.00	8.00	2.964	119.00	0.0	100.0
PS-HC1-LEAD	17.64	723	8.00	8.00	8.00	2.964	119.00	0.0	100.0

Analysis begun on: Wed Nov 18 14:02:44 2015
Analysis ended on: Wed Nov 18 14:13:00 2015
Total elapsed time: 00:10:16

APPENDIX G

Catalog of Green Infrastructure Tools (GIT Consulting, Inc)

CATALOG OF GREEN INFRASTRUCTURE TOOLS

This section provides a summary of tools and applications for reducing of stormwater infrastructure such as roads, public works, and facilities at the neighborhood scale. On the block scale, the implementation of light imprint methods reduces stormwater runoff by decreasing the overall footprints of buildings. This section is based on the Light Imprint New Urbanism book, by Tom Low et al, which considers four and Light Imprint categories (also Green Infrastructure categories):

References

i. New York State Stormwater Management Design Manual, 2015
ii. County of Los Angeles Department of Public Works Standards Manual February 2014 Low Impact Development
iii. Urban Hydrology for Small Watersheds TR-55, June 1986
iv. Light Imprint Handbook: Integrating Sustainability and Community Design, Tom Low, 2010

The green infrastructure tools are based on the following four categories:

1. **Paving** - to provide vehicular and pedestrian access Paving is a prominent feature in the landscape which provides vehicular and pedestrian access. It plays a large role in receiving, producing, and distributing stormwater runoff. Paving GI tools included in this project include choices for paving materials of various degrees of permeability. The best features of each paving tool were maximized by selection based on mode and volume of traffic and low maintenance requirements. For example, a very stable material that is less pervious will be used in the urban zones which will have larger amounts of commercial and vehicular traffic. Furthermore areas with heavy traffic require a low maintenance and sturdy paving material to keep repairs to a minimum. Less sturdy materials were applied for light traffic volume and pedestrian areas
2. **Channeling** - Channeling provides water conveyance features. Paving GI tools were applied throughout the project to ensure capturing and channeling stormwater to areas which can maximize on-site water retention. The channeling GI tools were positioned to take into consideration pedestrian movement and the fraction of impervious surface. Some channeling tools provide an opportunity to produce an artistic form for the movement of water. The main function of the Channeling tools were to maximize the functions of storage and filtration.
3. **Storage** - Storage tools provide water retention on site to reduce the surface runoff and to provide sufficient time for water to infiltrate the subsurface. Overly large ponds limit traditional neighborhood development because of size, volume, and flow regulations. The GI Storage tools in this project were calibrated to the topography. Public spaces such as parks, plazas, and greenways were used to provide storage create beautiful amenities. Public spaces with a storage functionality as a main component were preferably located in low areas to allow water to drain naturally. Cost is also minimized by the need for less grading and by eliminating large subsurface storage tanks and conveyances (piping, manholes). Storage tools which were applied provide distributed storage capacities which cumulatively attain the capacity required by the development.
4. **Filtration** - Filtration was incorporated in all GI tools by avoiding concrete surfaces for storage and conveyance features. Maximizing the infiltration rates and capacities are important to increase aquifer recharge, while reducing surface water run-off. Many current stormwater filtration processes involve the use of expensive, highly technological methods that accomplish the same results that natural processes have throughout history. The main function of the filtration GI tools is to mimic the natural system with its general simplicity of allowing water to recharge the aquifer. The expensive filtration tools are economically feasible in the more urban zones of the suburban to urban urban. The filtration tools can also serve as civic amenities when they are well integrated into a design. Rain gardens can be beautiful public features; green fingers can be very active parks. Waterscapes can serve as beautiful teaching tools in urban plazas. There are many filtration processes in this tool box that are successful in improving water quality within the built and natural environment.

The sections below describe each set of Green Infrastructure tools and include discussion of use, costs and maintenance:

A. PAVING

The first of four categories in the Light Imprint tool box is paving. Paving is a prominent feature in the landscape. It plays a large role in receiving, producing, and distributing stormwater runoff. Tools included in the paving category are arranged on the Light Imprint matrix according to the r urban; they range from rural to urban zones. There are choices for paving materials of various degrees of permeability for any particular urban zone. For example, a very stable material that is less pervious would be used in the most urban zones; large amounts of commercial and vehicular traffic require greater stability. In a similar fashion, maintenance plays a critical role in choosing an appropriate paving material.

Dense urban areas with heavy traffic require a low maintenance, sturdy paving material to keep repairs to a minimum. In some urban areas, mixed-use development and the availability of mass transit reduce vehicular volumes, which can affect paving material selections. Less sturdy materials are more appropriate for urban zones that have light traffic volume. The best features of each paving tool can be maximized by selection based on mode and volume of traffic. Each paving tool has a description that explains the appropriate place on the suburban to urban urban for its use and why it is chosen. The initial cost of each tool is also given; it is based on the cost of material and installation.

A.1 CAST/PRESSED CONCRETE PAVER BLOCK

Cast or pressed concrete pavers are solid blocks set on a surface with joints that leave open spaces between each unit. The joints may be filled with loose aggregate or pervious material such as pea gravel, sand, or soil. Another option is to plant grass in the joints. Concrete pavers may be dyed during the manufacturing process. Additionally, the blocks can be pressed with a pattern that simulates other more expensive materials such as brick, stone, or wood.

Use: Concrete paver blocks are most appropriate for urban zones. Since the blocks form a semi-rigid grid system, they can withstand moderate to heavy vehicular use. Due to the flexibility of the system, the pavers can accommodate some subsurface soil displacement caused by freeze/thaw cycles. When the joints are not filled with aggregate or some pervious material, concrete pavers should not be placed on extreme slopes or in areas where sediment is prevalent.

Cost: Concrete paver blocks are moderately expensive at installation. The initial cost depends on the size of the pavers and the type of material used to fill the joints. Since each block must be laid individually, the cost of labor adds to the total cost of this paving method.

Maintenance: Since concrete paver blocks require little maintenance, the cost over the life cycle of the material is low. The material is manufactured in individual units allowing easy replacement should one unit be damaged. If placed in a heavy vehicular use area, the filler used in the joints may need to be replenished on a regular basis. Joints filled with grass may need additional seeding. Anchored borders are recommended to keep the pavers in the designated area.



Cast/Pressed Concrete Paver Block - Seaside, FL



Cast/Pressed Concrete Paver Block - Tannin, FL

A.2 GRASSED CELLULAR CONCRETE

Description Grassed cellular concrete is a reinforced concrete system with central voids set on a base of gravel and sand. The optimal plants to use within these cells are low growing groundcovers and grasses, preferably self-sustaining native species. This material is very porous; it drains water at a rate of eighty to ninety percent of natural grassland, depending on the solid-to void ratio and the type of soil. The cells may be precast or cast on site and may be individual cells or blocks of cells, depending on the manufacturer and the application. After placement, the voids are filled with aggregate or planting material. This method has great design flexibility as the cells come in a variety of configurations and patterns.

Use Grassed cellular concrete is structurally flexible and may be placed on non-compacted soil. It is able to accommodate some subsurface soil displacement caused by freeze/thaw cycles. The netlike structure spreads the traffic weight throughout the grid allowing heavy vehicular use at slow speeds and pedestrian use. This method is appropriate in the suburban urban zones for light vehicular surfaces such as sporadically used parking lots, alleys, rear lanes, driveways, parallel parking lanes, pedestrian walkways, and patios. The system is not optimal for locations subject to heavy sedimentation that can clog the cells and thereby minimize perviousness.

Cost Grassed cellular concrete is moderately expensive to install. The price is higher than conventional pavings such as concrete or asphalt. Much of this cost, however, is offset by the fact there may be no need for an additional surface drainage system.

Maintenance Grassed cellular concrete requires minimal maintenance after installation. Vegetation must be sown, irrigated, and maintained; native species may reduce the need for long term maintenance.



Grassed Cellular Concrete - Miami, FL

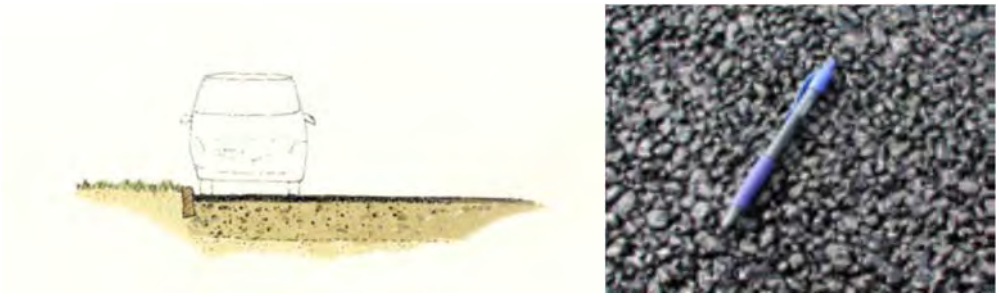
A.3 PERVIOUS ASPHALT

Description Asphalt is a commonly used term that refers to a material composed of aggregate bound with a black solid or semisolid substance distilled from a petroleum byproduct. Pervious asphalt uses open graded (uniformly sized) aggregate, as opposed to the finely graded (various size) aggregate used in standard asphalt. Using open graded aggregate leaves voids between the aggregate that allow water to flow through. Also, pervious asphalt uses less asphalt binder to ensure that many of the voids between pieces of aggregate are not clogged. Pervious asphalt is laid over an aggregate base that retains stormwater until it can filter through to be absorbed by the subsurface.

Use Like conventional asphalt, pervious asphalt can be used in a diverse array of applications. It is appropriate for use in SUBURBAN through URBAN urban zones. Due to cost, the use of pervious asphalt in more rural SUBURBAN zones may be limited to primary streets and rear lanes that receive moderate vehicular use. In the SUBURBAN and URBAN zones, pervious asphalt may be used more frequently for primary streets as well as alleys and parking areas. The material is not ideal in heavy vehicular use areas due to its susceptibility to fracture.

Cost The cost of pervious asphalt is slightly higher than conventional asphalt. The installation cost involves the site work needed such as grading, compaction, and sub-base layering. Installation of pervious asphalt for vehicular use will have a much higher cost than the installation of a pedestrian foot path.

Maintenance The lifecycle cost of pervious asphalt is inexpensive, and similar to conventional asphalt. It requires periodic maintenance, such as biannual vacuuming, but this may be done in sections. In areas of heavy vehicular use, it is important to obtain the proper bitumen mix to prevent imperviousness due to compression.



Pervious Asphalt Concept & Surface

A.4 PERVIOUS CONCRETE

Pervious concrete is a material used for many construction applications. It consists of cement (most often Portland cement), aggregate (usually gravel and little to no sand), water and admixtures. In road construction, it is poured on site. Pervious concrete is made with open-graded (uniformly sized) aggregate bound to the Portland cement, creating voids in the concrete that allow water to drain through.

Use Pervious concrete is one of the strongest and most durable of all porous paving materials. It also creates a smooth and regular surface with high traction. It has applications in the SUBURBAN through URBAN urban zones. It is suitable for heavy vehicular volume and weight.

Cost The initial cost of materials and installation is more expensive than regular concrete. Like pervious asphalt, however, these costs are often offset by the fact that no subsidiary surface drainage system is required.

Maintenance Pervious concrete, similar to conventional concrete, requires minimal maintenance.



Pervious Concrete - Woodsong, NC

A.5 PEA GRAVEL/WASHED STONE

Pea gravel is an unbound aggregate placed on top of natural or compacted earth. It is similar to crushed stone/gravel/shell except that it consists of smooth round stones as opposed to the angular pieces that comprise crushed stone paving. This softer, more refined look is appropriate for the urban environments of the SUBURBAN, and URBAN urban zones. It is available in many sizes and varieties of stone. Pea gravel is an abundant, naturally occurring material; it can be recycled and reused for other applications.

Use Pea gravel can withstand moderate to heavy vehicular volume and weight as well as pedestrian use. In the URBAN zone, this material is used in alleys and rear parking areas. It is also used in place of grass for some park and pedestrian plazas because it is porous, suppresses weed growth, and requires minimal maintenance.

Cost Pea gravel is easy to install. Additionally, it is inexpensive.

Maintenance Pea gravel has a low lifecycle cost because of its low maintenance requirements. Occasional weeding may be necessary. Heavy vehicular use may result in displacement of the material. In that case, the material can be raked back into place or additional aggregate can be spread. In dry areas, proper care should be taken to avoid airborne dust associated with vehicular use.



Pea Gravel



Pea Gravel - Serenbe, GA



Pea Gravel - Serenbe, GA

A.6 STONE/MASONRY PAVING BLOCKS

Stone pavers are solid blocks set on a surface with joints that leave open spaces between each unit. The joints may be filled with mortar, sand, soil, or pervious material such as pea gravel or other loose aggregate. Other options are to plant grass in the joints or leave them empty. This common paving material has been used throughout history; it is still widely used today. Since stone is a naturally occurring, abundant material that varies by region, many varieties of stone paving blocks are available. Some common types of stone include limestone, fieldstone, granite, marble, quartz, and slate. The diversity of stone provides great flexibility in design.

Use Stone pavers form a semi-rigid grid system. They can withstand moderate to heavy vehicular use. Due to the flexibility of the system, the pavers can accommodate some subsurface soil displacement caused by freeze/thaw cycles. When the joints are filled, stone pavers provide a rigid surface and can accommodate the heaviest weights. When the joints are not filled with aggregate or some pervious material, stone pavers should not be placed on extreme slopes or in areas where sediment is prevalent.

Cost Stone paver blocks are usually expensive when first installed. The initial cost depends on the size of the pavers and the type of material used to fill the joints. Since each block must be laid individually, the cost of labor adds to the total cost of this paving method.

Maintenance Stone paver blocks require little maintenance. That keeps costs low over the lifecycle of the material. The material is available in individual units allowing easy replacement should one unit be damaged. If placed in an area of heavy vehicular traffic, the filler used in the joints may need to be replenished on a regular basis. Joints filled with grass may need additional seeding.



Stone Paving Blocks – Installation

A.7 WOOD PLANKS

A wood plank road, sometimes called a puncheon, is typically constructed of planks at least two inches thick and eight feet long. The planks are nailed or screwed to square stringers or placed directly on the earth. They may be laid either parallel or perpendicular to the path of travel. Wood for planks commonly comes from denser, lumber-milled evergreen trees. This was a very common method of paving in the mid-19th century. Today, synthetic or composite planks are also used.

Use Wood plank roads and walkways are appropriate for the most rural zones. They can accommodate pedestrian and light vehicular use. They are appropriate for the T1 urban zone in environmentally sensitive areas. Wood planks are also often used for decks of bridges. In this application, they are placed on a structural base, typically metal trusses, and are able to withstand heavier vehicular weight. Most types of wood planks are treated to prevent rot and termites. Avoid using treatments that pose health threats to humans and the environment. This should also be a consideration when selecting synthetic or composite planks.

Cost Planks roads are very expensive to build. Lumber for their construction is costly unless harvested and milled on-site or nearby. Additionally, installation is labor intensive.

Maintenance Wood plank roads and walkways require significant maintenance, as wood is susceptible to rotting and warping. Vehicular wood plank roads are generally cost prohibitive. Pedestrian plank walks require less maintenance if the wood is properly treated before construction. The use of better fasteners, such as screws rather than nails, will prevent the need for much maintenance.



4

Wood Planks - Near Bon Secour, AL

A.8 CRUSHED STONE/GRAVEL/SHELL

Crushed stone, gravel, and shell (or any non-bound aggregate material) spread over soil can be used for paving. This method uses abundant natural materials, such as stone and shells, as well as recycled materials like crushed brick and concrete. The strength of the material is based on the hardness of the aggregate and the stability of the soil. Mineral aggregates, such as limestone, dolomite, granite, and quartz, are generally the strongest type of aggregate. Compacting the soil before applying the crushed stone, gravel or shell material also increases the strength of the material.

Use Crushed stone, gravel, and shell can withstand moderate, low-speed vehicular use as well as pedestrian use. That makes it especially appropriate for the T2 and SUBURBAN urban zones. This material is often used for parking areas, alleys, and rear lanes. It is a good choice for pedestrian paths within parks. This paving method is structurally flexible. It can be placed over non-compacted soil, or it can be used in regions susceptible to soil displacement caused by freeze/thaw cycles. The stability of crushed stone, gravel, and shell is increased when a stabilization mat is used between the aggregate and soil base.

Cost The cost of this paving method varies by the type and quantity of aggregate used. Generally, it is inexpensive, especially when locally abundant materials are used.

Maintenance Most of the maintenance required is due to erosion and the development of potholes and ruts. Heavy vehicular use may result in displacement of the material. In that case, more aggregate can be spread. In dry areas, proper care should be taken to avoid airborne dust caused by vehicular use.



Crushed Shell - Edenton, NC

B. CHANNELING

For thousands of years, human settlements have used various techniques for channeling stormwater. The ability to direct and control the flow of water made possible flexibility in settlement locations, provided expanded agricultural opportunities, and mitigated flooding. Many cultures used channeling techniques to celebrate water's beauty. The gardens of the Alhambra in Grenada, Spain, are an exemplary example of channeling to provide beauty. There a visitor is led throughout the gardens by a steady stream of water that disappears and reappears as it goes through rills, pools, and fountains.

Whether it is an aqueduct rushing water to an ancient city or a canal directing water out of a city, channeling tools have been developed and perfected throughout history. The Light Imprint Tool Box selected the most appropriate tools for capturing and channeling stormwater.

To best integrate channels into the environment, appropriate tools are available for each zone of the urban. Channeling tools must take into consideration pedestrian movement and the amount of impervious surface. It is important to take into account how the tool can improve the quality of life.

Some channeling tools provide an opportunity to produce an artistic form for the movement of water. As with the other three categories in the Light Imprint Tool Box, the tools are often combined with others to maximize the functions of storage and filtration.

B.1 VEGETATIVE SWALE

Vegetative swales are usually manmade depressions (though some occur naturally), that filter and collect runoff. The swales are open and fairly shallow to treat small quantities of sheet runoff. Vegetated swales differ from drainage ditches in that they are planted with vegetation, which serves as an overland filtration tool and controls erosion. This tool should be used to collect and treat sheet flow runoff before reaching a stream. The vegetation planted in these swales should be native plants that are suitable to variable moisture ranges. Existing topsoil is preferred if conditions allow.

Use Vegetative swales, because of their ground plane space requirements and more natural aesthetics, are used in edge conditions of development. T1 and T2 are suitable zones for these swales with natural vegetation, but they can also be incorporated into SUBURBAN zones if vegetation is carefully selected. The slopes of the swales should not exceed 3:1 to avoid the requirement for a protective barrier. Vegetative swales are not used in more urban conditions because they disrupt the connectivity of streets and impede pedestrian movement. They also have more difficulty retaining the amount of runoff that comes from the increase in impervious surfaces.

Cost The cost of vegetative swales is very low. The only cost is the initial purchase of the needed vegetation to be planted.

Maintenance Since the vegetative swales are planted, they do not require mowing like drainage ditches. Periodic weeding will be needed to assure healthy planted vegetation growth. Some vegetation may need watering in the case of a severe drought.



Vegetative Swale - Vancouver, Canada

B.2 DRAINAGE DITCH

Drainage ditches are one of the more popular tools used to channel storm water. They are similar to swales, but are typically more rugged in character and may have steeper sloping sides. Drainage ditches usually collect sheet and piped runoff and channel it to a storage area or a natural creek.

Use Ditches are appropriate for sub-urban areas, where there are only single family houses and for more rural areas. Because of their rough, irregular surface, drainage ditches should not be used in urban conditions. Drainage ditches are very utilitarian.

Cost A drainage ditch is very inexpensive to install and maintain. It is one of the less expensive tools available in the LI toolbox.

Maintenance The low maintenance of drainage ditches makes them a popular tool to use to channel stormwater. They are very simple to dig and are easily maintained. Periodic cleaning of debris is the most important maintenance.



Drainage Ditch - Houston, TX

B.3 STONE/RIP RAP CHANNEL

Rip rap channels are drainage ditches that contain large rocks to help slow the flow of stormwater. Granite is a popular material for use as rip rap. The channels are very utilitarian. Water enters the channel from gutters, pipes, and sheet flow. They will typically carry the water to a large collection point.

Use Rip rap channels are able to handle larger amounts of runoff without erosion; they function well in the middle urban zones. They are not used in the most urban areas because of their utilitarian aesthetics and the potential of impeding pedestrian movement. The aesthetics of these channels can be improved by using attractive stones.

Cost The main cost of these channels is the initial installation that involves digging the trenches and purchase of large quantities of stone. The ongoing maintenance cost is very low.

Maintenance Rip rap channels have low maintenance requirements. Since they are designed to carry larger amounts of water, rip rap may need to be moved or replaced after heavy rainfall. The channels also need to be cleaned when they collect large amounts of debris.



Stone/Rip Rap Channel - Vickery, GA

B.4 VEGETATIVE/STONE SWALE

A vegetative and stone swale is another type of swale. It is distinguished from the others by the use of small stones as a base to help absorb the water faster. These swales are slight depressions planted with manicured grass and have a three to five inch base of small stones. In some cases, the periodic placement of wooden weirs can help impede flow in the event of a heavier rainstorm. The vegetative and stone swales transport stormwater to retention areas, with the goal of allowing stormwater to infiltrate into the ground as it is channeled. This type of swale is most effective in more porous soils.

Use This type of swale is best utilized in medium density zones of the urban since it has a more natural function combined with a manicured look. It can be an attractive feature in a park or next to a sidewalk. This type of swale can easily be crossed with a wooden pedestrian bridge.

Cost The only additional cost compared to a vegetative swale is the stone base. Other than the stones, there is little initial cost and maintenance cost.

Maintenance Swales are easy to maintain because they are open. The most important maintenance is keeping swales clear of debris and trimming back the ground cover around them. The stones rarely need replacing. To ensure the stones stay in place, a gabion can be used for erosion control. A gabion is either a wire cage placed over stones to prevent erosion or a soft material, such as jute or synthetic matting,that performs the same function.



Vegetative/Stone Swale - Habersham, SC

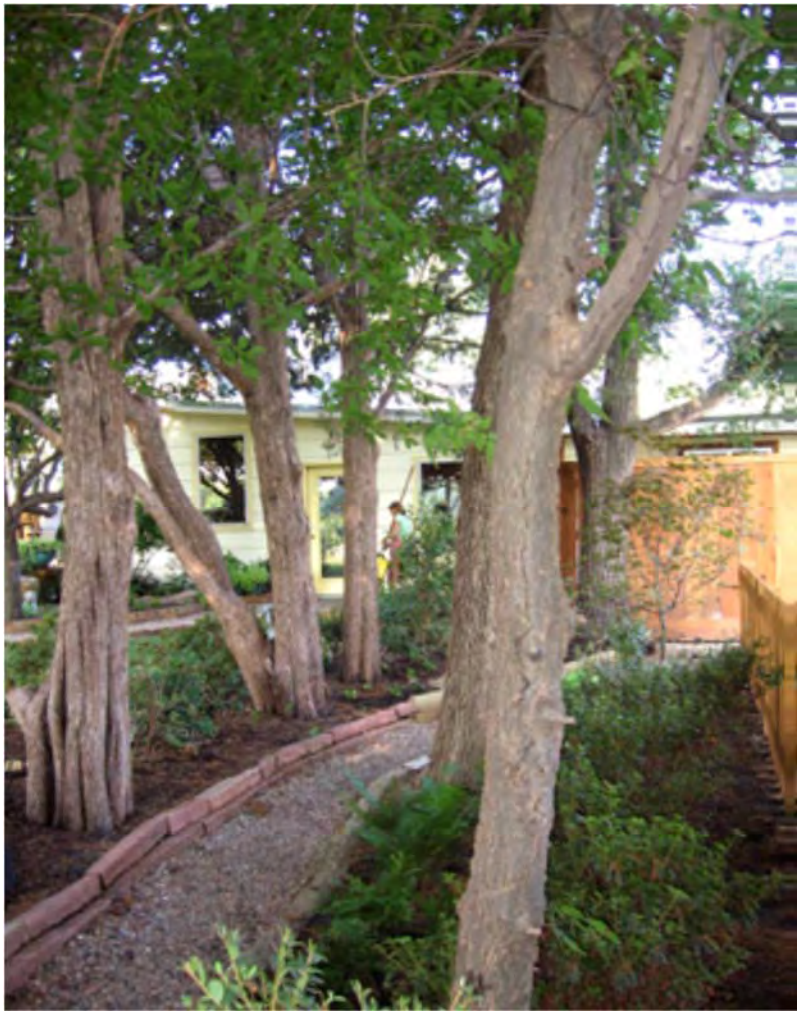
B.5 SHALLOW CHANNEL FOOTPATH/RAINWATER CONVEYOR

A shallow channel footpath is a slight depression in the earth with pavers in the lowest point of the depression. It is a walkable path when dry, but the depression enables it to convey water in the event of rainfall. The pavers are usually a variety of flat stones loosely arranged to keep a pedestrian's feet dry when the ground is wet.

Use The shallow channel footpath is best used in more urban areas because they accommodate pedestrian traffic. They work well for parks and mid-block pedestrian paths. The shallowness prevents the channels from conveying a large amount of runoff. The channels can be used, however, to receive some water from the rest of the stormwater system. Native shrubs along the channel's edge help slow and filter the flow of water into the channel. In more urban areas, the water may be channeled into underground vaults.

Cost The shallow channel footpath is a low cost channeling tool. The greatest expense is the paver stones. This cost is dependent on the type of stone chosen. Local stones are suggested, and they could be free if available on site.

Maintenance This tool requires very little maintenance. Debris should be cleared regularly and the pavers replaced as necessary.



Shallow Channel Footpath -Oklahoma City, Oklahoma

B.6 PLANTING STRIP TRENCH

Planting strip trenches are gently sloping vegetated areas in a street right of way. A planting strip trench can carry as much as three inches of water. The gentle slope and shallow depth allows for maximum contact with the vegetation. This ensures maximum filtration. Planting strip trenches are typically grassed, but they can also consist of drought tolerant plants and street trees.

Use The trenches are part of an overall stormwater management system. They channel and slow down the flow of stormwater. Planting strip trenches are appropriate for urban conditions because they have formal plantings that need regular upkeep.

Cost Planting strip trenches are low cost. The main expense is the initial installation and plant material costs.

Maintenance The trenches need to be mowed or maintained periodically to ensure growth. Debris will need to be removed regularly. Since the trenches are in an urban environment, they should be well maintained and aesthetically pleasing. Sometimes, sediment needs to be removed, depending on the source of water collected.



Planting Strip Trench - Isle of Hope, SC

C. STORAGE

Water is collected and stored using many kinds of tools ranging from collection pools to rooftop barrels. In many eras, storing a large volume of water was necessary for the survival of a society, especially in areas that did not receive consistent rainfall. Today, in the United States, both the quality and quantity of water available is a strong determinant of the quality of life in a community.

Storage of water remains as important a function as it has been throughout history. Storage tools are utilitarian for development purposes. Retention and detention ponds are the tools of choice used over the past several decades. Often these become unsightly, weed-filled depressions that require chain link fencing for safety. Such ponds consume acres of potentially developable land. Overly large ponds limit traditional neighborhood development because of size, volume, and flow regulations. Light Imprint supplies a range of sophisticated storage tools that are calibrated for a wide variety of developments.

Retention and detention ponds, like those previously mentioned, are included in the list of tools, but are appropriate only in the middle zones of the urban. Higher density development calls for tools such as underground storage, pools, and grated tree wells. These tools are more appropriate for urban conditions. A number of tools are appropriate in public spaces such as parks, plazas, and greenways. Storage tools used in public spaces can be beautiful amenities. Then the cost is distributed over two purposes. Public spaces with a storage device as a main component should be located in low areas to allow water to drain naturally. Cost is also minimized by the need for less grading. Storage tools are different sizes, but several used together can attain the capacity required by any development. It should be noted that the Light Imprint Team considers naturally occurring bodies of water such as oceans, lakes, rivers, and reservoirs as part of watersheds at the regional scale, and have not included these as Light Imprint tools.

C.1 IRRIGATION POND

Irrigation ponds have several stormwater storage applications. They provide a water supply on farms in rural areas and in neighborhoods for community landscaping, golf courses, or other amenities. These ponds may also provide a water source for livestock or for raising fish. Irrigation ponds are formed by stormwater runoff, creating a generally small, still body of water formed naturally or excavated for that purpose.

Use Irrigation ponds serve rural, neighborhood edge and sub-urban zone residents well. They provide storage for rainwater so that the capacity of an onsite well is not exceeded. Most have sloping banks that form an earthen bowl. If the pond is located in a depression on the site, it can collect runoff naturally.

Cost The cost of an irrigation pond is dependent on the excavation costs. The pump required for irrigation may be costly, but it is considered a separate expense. There are alternative options for a pump as well, including other Light Imprint tools such as the Archimedian Screw.

Maintenance Very little maintenance is required. An irrigation pond can tolerate changes in water levels, but it should have a spillway for overflow when there is excessive volume for storage.



Irrigation Pond - Habersham, SC

C.2 RETENTION BASIN WITH SLOPING BANK

Retention basins are designed to hold the same level of water at all times. A retention basin with sloping bank resembles a pond. There is no fence needed around it because its gently sloping sides are safe. Retention basins can help improve water quality by slowly absorbing water into the soil. That also releases the water that has been in the basin the longest. The basins have outlets of different types to allow outflow during occurrences of storms.

Use Retention basins with sloping banks are appropriate in rural zones because of the required acreage. This type of basin is more attractive than fenced basins. They can be incorporated into the landscape as a water feature. Landscaping the edge of basins is beneficial to keep waterfowl from inhabiting the basin.

Cost Retention basins are moderately priced factoring in the engineering, grading, and outflow systems that are needed initially.

Maintenance Maintenance is low if the installation is done properly. Debris needs to be removed on a regular basis. Unless there is an extreme event, sediment should only be removed every ten years. Slopes around the retention basin should be no greater than a 3:1 slope for easy landscape maintenance.



Retention Basin with Sloping Bank - Apollo Beach, FL

C.3 RETENTION HOLLOW

Retention hollows are similar to retention basins, but are part of a system rather than a single entity. They are a series of smaller interconnected depressions that collect stormwater and slowly release measured amounts through the system. This process filters the water as it settles. Then the water is released. Aesthetically, retention hollows have a natural look and sometimes occur naturally.

Use Retention hollows are most successful at the edge of a middle density neighborhood. Retention hollows can either collect sheet runoff or water from a channeled system. They can form the edge of a linear park. In this condition, retention hollows provide storage for some of the neighborhood's stormwater. Then, the stormwater is slowly released into a natural system.

Cost Retention hollows are sometimes expensive because the system consists of several hollows. Their relatively small size and natural characteristics may keep costs down. The main cost is installation rather than ongoing maintenance. They are cheaper than the underground storage systems often recommended for less dense areas.

Maintenance For adequate system performance, retention hollows must be clear of debris and sediment build up. If designed properly, the maintenance of a self functioning retention hollow is low.



Retention Hollow - Spartanburg, SC

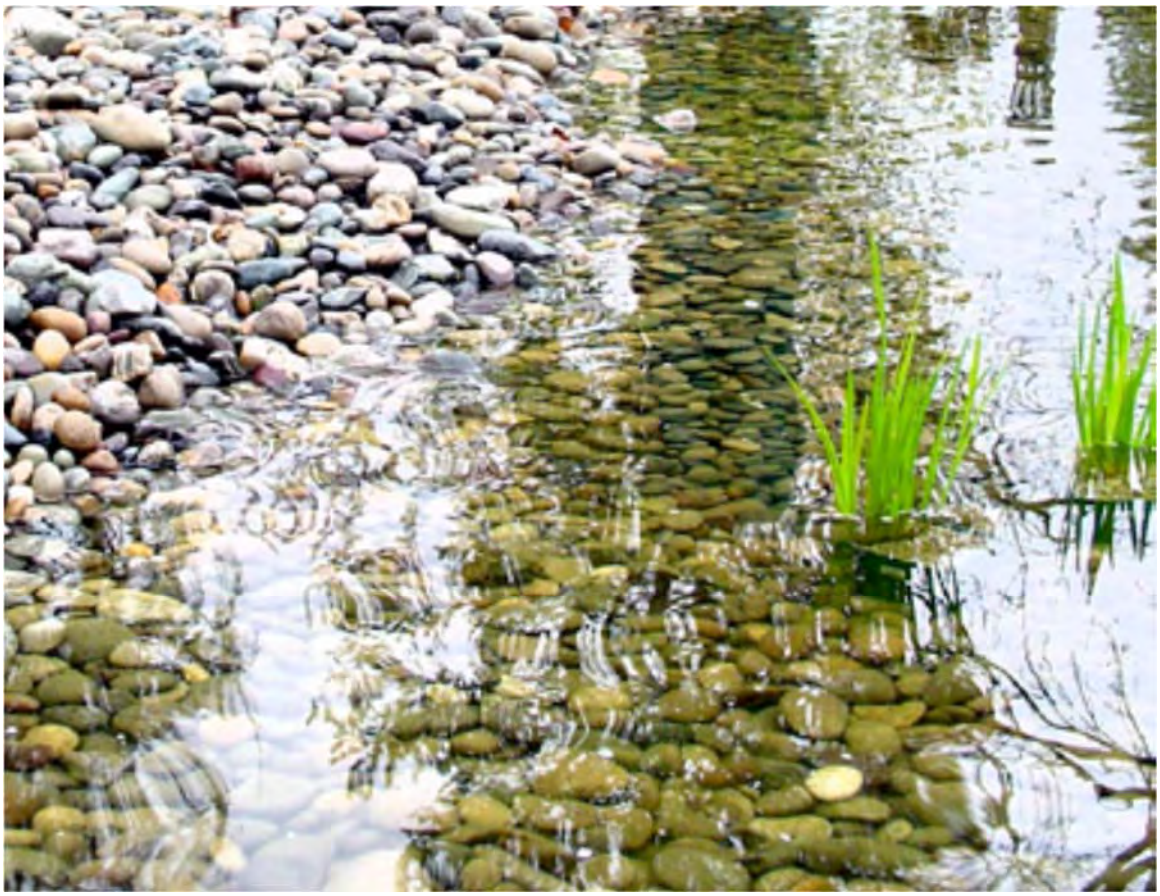
C.4 DETENTION POND

Detention ponds are commonly known as dry ponds. They store water after a rainfall, but remain dry at all other times. Depending on rainfall intensity, frequency, and duration, detention ponds can be a variety of shapes and sizes. They are designed to store a large amount of water, with the ability to release all of it within eighteen to thirty-six hours at a peak discharge rate that mitigates downstream flooding. Since they are used for controlling peak flows via natural or constructed channels, the runoff may only be filtered slightly during the process. The filtering process is not as intensive as with a retention system.

Use If detention ponds have adequate space, they are able to receive large quantities of water quickly. For this reason, detention ponds are best placed in the middle urban zones of the urban. Since detention ponds do not adequately filter stormwater before release, they should be used in conjunction with a Light Imprint filtration tool. It is difficult to incorporate dentention ponds into urban landscapes because they are usually large, dry basins. Landscaping around the edges usually improves the appearance of detention ponds. Using the ponds as a recreation area is another enhancement for the neighborhood.

Cost The costs are low for detention ponds. The primary expense is excavation of the basin.

Maintenance Detention ponds require little maintenance. Since they are usually grassed, mowing on a regular schedule is needed. Because debris in the water does not have time to settle completely, the outlets will need to be cleared at regular intervals. Sediment must be removed annually. Mosquitoes are not a significant problem because the water does not stand very long



Detention Pond

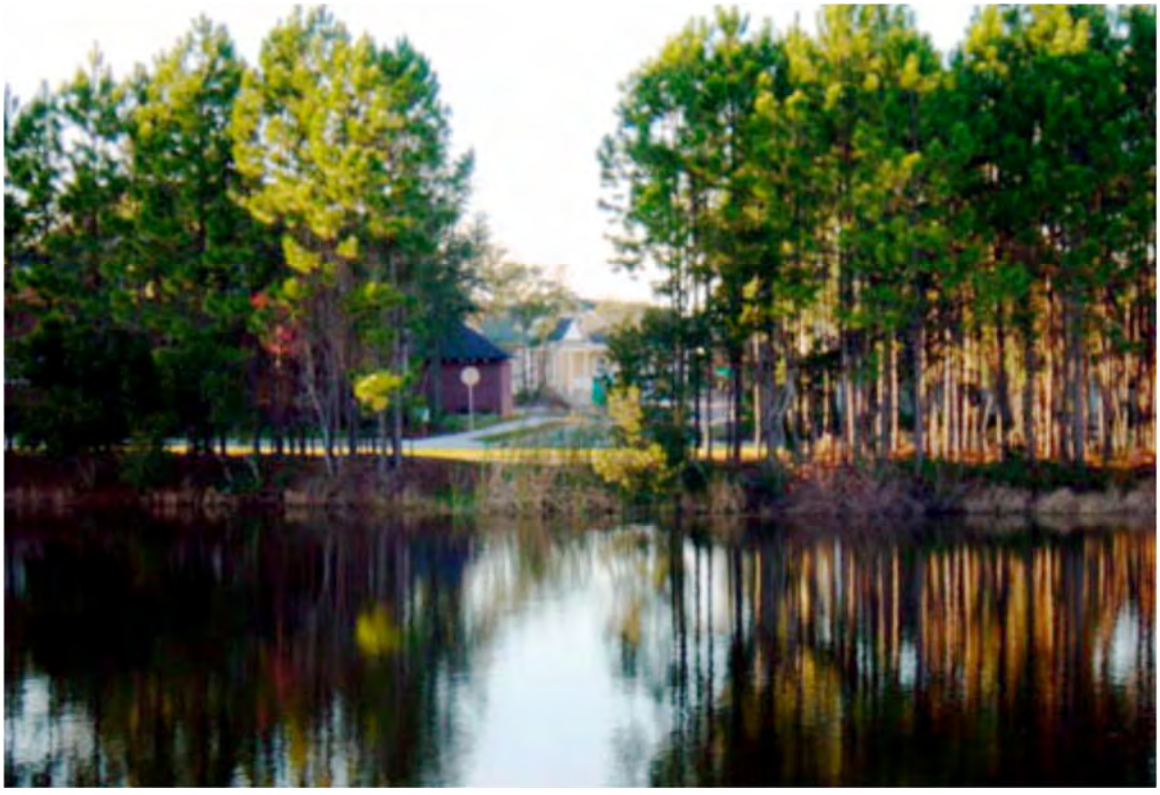
C.5 RETENTION POND

A retention pond is a type of constructed wetland. It is designed to collect and retain stormwater runoff from large areas of impervious surfaces. Unlike a detention pond, a retention pond retains water at all times to allow it to slowly infiltrate, evaporate, or be reused. Retention ponds allow a greater opportunity for water purification and absorption into the soil. Often, aquatic vegetation is planted in retention ponds to help filter the stored water. The size of a retention pond is determined by the average rate of runoff and average dissipation rate.

Use Retention ponds need to be of considerable size to receive a large volume of water quickly. For this reason, retention ponds are suited for the middle urban zones of the urban. They should not be treated as purely utilitarian, but should be incorporated into neighborhoods as aesthetic amenities or recreation areas.

Cost Costs of retention ponds are similar to that of retention basins. While costs vary according to size, they are fairly expensive since a good deal of site work is required. For a pond of the basic dimensions 46'x70' with a catchment area of one (1) developable acre, the estimated cost per acre is $13,662 US Dollars.

Maintenance Maintenance of a retention pond should occur regularly. The retained water must be monitored for mosquito breeding, algae growth, debris build-up, and sediment accumulation. The edges of the pond also need maintenance to maintain its aesthetic quality.



Retention Pond - Ameila Park, FL

C.6 UNDERGROUND VAULT/PIPE/CISTERN

An underground cistern or vault is used to collect stormwater from a roof and other impervious surfaces around a building. After the cistern receives the water, the cistern slowly filters water as part of an irrigation system or a municipality's stormwater system. When used as part of a rainwater collection system, water collected can be treated and reused for potable applications. Underground cisterns can be made of several different materials, which include plastic, cast in place concrete, precast concrete, or corrugated metal. A corrugated metal system is made of steel and lined with a polypropylene liner.

Use Underground cisterns are typically used in urban conditions. They can be used to collect rainwater from a group of buildings or one large building. Cisterns generally hold between 5,000 and 30,000 gallons of stormwater. Vaults and cisterns can be placed under the street network. Plastic and cast in place concrete cisterns are also used to collect water for a single household. They are beneficial in larger developments, depending on the storage requirements and the size of the cistern. Corrugated metal cisterns should be reserved for the most urban conditions because of their high costs.

Cost The initial cost of an underground cistern is fairly high, but due to low maintenance costs, the cistern pays for itself quickly. A plastic cistern is the most affordable variety because of the low material costs. These cisterns run between $1.50 and $2.00 per gallon to build. They will last for several decades. In general, precast concrete cisterns are the next least expensive and have a similar lifespan. Cast in place cisterns are often more expensive than precast concrete, but can offer more options in size and shape. Corrugated metal cisterns are the most expensive with an initial cost of $1,500 to $5,000, depending on size but not including site costs and installation. The metal cisterns do have the longest life span.

Maintenance A cistern requires a low amount of maintenance. A cistern is inspected periodically to check for debris that might clog the system. Cisterns are also cleaned annually to ensure a longer lifespan. A cistern's lifespan is typically twenty to fifty years; it cistern lasts longer if it is cleaned regularly. Steel corrugated metal cisterns usually have the longest lifespan.



Underground Vault/Pipe/Cistern -Savannah, GA

C.7 GRATED TREE WELL

A grated tree well is a method of incorporating trees in urban conditions with sidewalks. In stormwater systems, grated tree wells also collect and store runoff. Often, the stormwater flows directly into the well through a mulch layer under the grate or through an attached curb inlet. The tree well is closed underground. That prevents the roots from cracking sidewalks and building foundations. These wells also hold collected water for the tree to soak up through its root system. Grated tree wells have an advantage over some stormwater management techniques because they fit in small spaces.

Use Grated tree wells are appropriate for the most urban urban zones, URBAN and URBAN. They may be used in conjunction with other underground stormwater collection systems such as cisterns, or they can be used alone.

Cost Grated tree wells are moderately expensive at the time of installation. Costs vary based on the grate's material. Plastic grates are less expensive, but they have a short lifespan. Cast-iron grates, in contrast, are more expensive initially, but have a long lifespan. Cast iron grates appear more aesthetically pleasing in formal urban environments.

Maintenance Grated tree wells require little maintenance. Typically, they must be inspected periodically. If debris is found, it is removed to maintain maximum water capacity. Plant maintenance, such as weeding and addition of soil, may be required as well. This maintenance is reduced when native tree species are used.



Grated Tree Well - Birmingham, AL

C.8 LANDSCAPED TREE WELL

A landscaped tree well is an ideal solution for trees planted in an urban condition. It enables the tree to have exposed soil to receive water. In stormwater systems, landscaped tree wells also collect and store runoff. Often, the tree well is planted with smaller vegetation to help with infiltration. The tree well is closed underground to help prevent the roots from cracking sidewalks and building foundations. These wells also hold collected water for the tree to soak up through its root system.

Use Landscaped tree wells are for urban areas. The tree uses the collected water in its well from impervious surfaces. Trees and plants for tree wells have shallow, fibrous root systems. Some wells are designed for larger trees. Vegetation used must also be able to tolerate moderate drought conditions.

Cost Landscaped tree wells are not expensive, but their installation costs can be moderate. Much of the cost is dependent upon the price of trees and the number needed. Ongoing costs are low except when replacement trees are needed.

Maintenance Maintenance of landscaped tree wells is very low. Weeds must be removed regularly to preserve the chosen vegetation. Periodic watering is needed in drought conditions because the tree has no access to ground water.



Landscaped Tree Well - Portland, OR

C.9 PAVED BASIN

A paved basin is a depression designed to direct water flow and capture stormwater. They receive water from buildings and large paved areas, such as parking lots. Paved basins may be shallow with an undulating floor surface when used in an urban plaza, or deep and uniform when used as a mid-block collection tool. Paved basins are completely impervious. They must have an overflow drain to maintain an appropriate water level.

Use Paved basins are most appropriate for the most urban parts of the urban, URBAN and URBAN. They provide a cooling effect or a relaxing sound to counteract the noise of urban environments in populated public spaces. Paved basins are easily incorporated into waterscape installations, where they become part of a larger system of water movement.

Cost Paved basins are expensive to install. They typically are site specific and use costly materials such as concrete, stone, or brick. They add aesthetic value to a formal plaza or mid-block park.

Maintenance Paved basins have a moderate maintenance cost. The cost fluctuates based on the depth and shape of the basin. Shallow basins require less maintenance; deeper basins collect more debris and require regular maintenance. The drains must be checked periodically regardless of the depth.



Paved Basin - Charleston, SC

C.10 SURFACE LANDSCAPE

Surface landscape is any vegetation planted directly into or over soil with no subterranean filtration system. Typical examples include grass, shrubs, flower beds, and trees. The root systems of these plants are the first to absorb water from runoff, drainage, or rain. They filter out some of the impurities before the water percolates deeper into the soil.

Use Surface landscape is a diverse overland filtration tool. It is used throughout the urban zones. The most rural location may be sporadically planted. In more urban situations, the regularity and formality of planting will increase. In the most urban zones, surface planting may be located on the vertical surfaces of buildings, or contained in planter boxes or pots. Surface landscape is especially appropriate for controlling erosion in areas with steep slopes. For maximum effectiveness, plants selected should be native to the area.

Cost The initial cost of surface landscape varies based on the type and maturity of plants used. If the quality of the existing soil is poor, there may be additional cost for supplements for the soil.



Surface Landscape - Mt. Laurel, AL

C.11 BIO-RETENTION SWALE

Bio-retention swales mimic the filtration properties of natural vegetation. They are planted tracts typically located adjacent to paved roads or other impervious areas that produce stormwater sheet flow. The swale consists of a layer of sand beneath the soil planted with native species. The depth of the sand depends on the porosity of the naturally occurring soil. Stormwater is filtered by the vegetation and then through the sand. These two elements trap conventional pollutants, such as sediment, debris, oil, heavy metals, hydrocarbons, and phosphate. They also remove some minerals and nutrients.

Use Bio-retention swales have a rural character. They require roads without curbs. They are most appropriate in the T2 and SUBURBAN urban zones adjacent to impervious paving and in medians. They should be strategically located to capture the maximum amount of impervious surface runoff. They also can be used to filter overflow runoff from landscaped areas, such as lawns. Bioretention swales should be used to enhance the streetscape and the public realm. They should not present an impenetrable barrier to the pedestrian. Bio-retention swales are not appropriate in Karstic or limestone landscapes with sheets or large pieces of rock close to the surface.

Cost Installation costs for bio-retention swales are moderately expensive. They require excavation, subterranean layers of sand, and specifically selected plants. The use of indigenous vegetation may lower the cost. In addition, some costs can be offset by the reduction of stormwater conveyance systems.

Maintenance Bio-retention swales require regular maintenance and inspection following large amounts of rainfall. The sand layer must be cleaned to prevent build up of sediment and debris. The health of vegetation must also be monitored; plants should be replaced as necessary to retain optimum performance of the swale.



Bio-retention Swales - Portland, OR

C.12 GREEN ROOF

Structures with green roofs visually enhance communities with plantings above the street level. They are a viable stormwater management tool that captures rainfall in typically impervious areas. The building produces less sheet flow to be managed at ground level. In addition, they can provide food for the community, temperature control, architectural enhancement, and recreation.

Use Because a green roof is an addition to an individual building, it is appropriate for use in SUBURBAN and URBAN urban zones. A roof garden may be planted on a flat roof or a roof with a low pitch. Roof gardens can use atypical gardening techniques, such as hydroponics. This can make roof gardens produce more plentiful crops.

Maintenance The upkeep for a green roof is similar to that of a normal garden and includes seasonal maintenance. Plant selection must ensure that species selected are appropriate for the climate.

Cost The cost of a green roof is higher than the average cost of a roof. The structure requires additional support for the weight of vegetation and soils. The roof membrane must be waterproof to ensure that no water leaks into the structure.



Green Roof - Orlando, FL

C.13 RAIN GARDEN

A rain garden is a naturally occurring or manmade depression that temporarily retains water. It is planted with specific vegetation to filter water before it percolates back into the ground.The base of the rain garden is covered with gravel and soil that also filters some metals, phosphates, sediment and debris from the water before it is absorbed into the soil. The roots of the plants also break down nutrients and some chemicals found in the water. Native species are preferred for rain gardens for their sustainabililty in local climates.

Use Rain gardens are most appropriate in the middle of the urban, specifically in the suburban zones. They are appropriate on a block scale. Rain gardens are not intended to serve an entire neighborhood. They should be located in areas that collect moderate runoff, but they can be designed to collect larger volumes if necessary. When not calibrated correctly, they may become permanent wetlands if inundated with too much water. They work well on sites with varying topography as their shape can conform to the landscape. Rain gardens are a public amenity when located within public spaces and fronted by houses. In this way, they enhance, rather than detract from the urban character of the streetscape.

Cost Rain gardens are moderately expensive to install. Much of the initial cost depends on the existing soil. Sandy soils provide a good base and require little excavation as they absorb water rapidly. Denser soils such as clay require more excavation and the addition of other soils. Clay soils have been made more tillable and absorbant in rain gardens with the addition of pine fines.

Maintenance Rain gardens are easy to maintain under normal conditions. They require more maintenance during periods of heavy rainfall. Periodic replacement of the mulch and soil on the garden floor is necessary to ensure filtering of the pollutants. Plants may occasionally need replacement, though use of indigenous plants lessens this significantly.



Rain Garden - Prospect, CO

C.14 VEGETATIVE PURIFICATION BED

A vegetative purification bed treats and stores stormwater. The beds are part of a cyclical stormwater system that provides purified water at the end of the process. A combination of plant material, sand filtration, and cycling water through the media purifies the water in the bed.

Use These beds handle a moderate amount of water since the water percolates fairly slow. They are best used in the middle urban areas of the urban. The beds can be used to treat stormwater before it reaches a drip irrigation field or becomes part of a treatment system for wastewater.

Cost Even though the technical aspects of these beds are not complicated, they can be costly. The system requires careful monitoring and proper installation. Installation also requires additional infrastructure that adds to the cost as well. Excavation costs vary by region.

Maintenance Vegetative purification beds require some maintenance because of their technical aspects. The sand, plants, pipes, water returns, pumps, and flow must all work properly for water to be treated. The two most important maintenance requirements are preventing the growth of weedy, woody plants and flushing the pipes three or four times a year.



Vegetative Purification Bed - Portland, OR

C.15 WETLAND/SWAMP

Wetlands are areas that naturally retain some water based on their elevation and hydrological conditions. The soil of a wetland or swamp may be completely saturated but have no visible standing water; or it may be covered with a shallow layer of water depending on the amount of rainfall and the season. Various types of wetlands and swamps include: marshes, bottomland hardwoods, pocosins, and wetflats. They may all be considered part of conserving a natural area. Such areas have natural systems capable of surviving with little to no oxygen during parts of the growing season. Wetlands can occur in a variety of conditions. Some are in areas where the water table is close to the surface. Others may occur on land near large open bodies of water.

Use Wetlands provide a vital intermediate step for protecting water quality. Runoff from urban areas often contains toxins, bacteria, and nutrients. Filtration through a wetland provides cost effective water purification. Sediment in the runoff is trapped in the wetlands, leaving cleaner water to enter waterways. The cleaner, filtered water benefits both aquatic ecosystems and supplies of drinking water. Wetlands offer natural solutions to water quality issues without disrupting the present ecosystem.

Cost A natural wetland requires no additional cost, other than a possible dock or pier.

Maintenance A naturally occurring wetland needs little to no maintenance.



Wetland/Swamp - Edisto Island, SC

C.16 SHALLOW MARSH

Shallow marsh filtration systems use a method similar to wetlands. Water percolates slowly through the marsh, removing sediment and bacteria from the stormwater. Naturally ocurring shallow marshes may be considered conservation of a natural area. Constructed shallow marshes must be calculated with the development impact; otherwise, the shallow marsh can easily become a pond.

Use To maximize pollutant removal, the shallow marsh is used in low-lying areas with a fairly high water table and complex topographical features. The marsh system is constrained by urban settings; therefore, it is not appropriate for SUBURBAN, URBAN, and URBAN

Cost Naturally occurring shallow marshes require little upfront cost. A constructed shallow marsh filtration system is comparable to that of a constructed wetland.

Maintenance Naturally occurring shallow marshes require little maintenance as the soil and vegetation is adapted to climactic variations of the area. A constructed shallow marsh must be maintained in the same manner as a constructed wetland. Water quality and water level of the shallow marsh must be tested regularly. Also, the vegetation of a shallow marsh must be maintained by regular weeding and plant replacement. Shallow marsh plants must be closely monitored to ensure a correct balance of plant types.



Shallow Marsh - Carsons, SC

APPENDIX H

FDOT Historical Unit Costs (Zone 13 and Zone 14)

Florida Department of Transportation
Item Average Unit Cost
From 2014/10/01 to 2015/09/30

Contract Type: CC AREAS: 13
Displaying: VALID ITEMS WITH HITS
From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0102 1	22	$671.43	$7,103,095.40	10,579.000	DA	N	MAINTENANCE OF TRAFFIC
0102 2 1	4	$29,792.00	$148,960.00	5.000	LS	N	SPECIAL DETOUR 1
0102 2 2	3	$165,025.00	$660,100.00	4.000	LS	N	SPECIAL DETOUR 2
0102 3	9	$20.80	$115,633.00	5,560.300	CY	N	COMMERCIAL MATL FOR TEMP DRIVEWAY MAINT
0102 11	1	$1.00	$15,300.00	15,300.000	MH	N	SERVICE PATROL- ROAD RANGER
0102 14	19	$19.15	$502,616.84	26,251.000	MH	N	TRAFFIC CONTROL OFFICER
0102 60	22	$.23	$215,847.21	939,243.000	ED	N	WORK ZONE SIGN
0102 61	3	$72.63	$17,793.25	245.000	EA	N	BUSINESS SIGN
0102 71 11	6	$13.07	$491,015.28	37,580.000	LF	N	BARRIER WALL,TEMP,F&I,CONCRETE
0102 71 14	5	$29.58	$143,462.00	4,850.000	LF	N	BARRIER WALL,TEMP,F&I,TYPE K
0102 71 21	5	$4.74	$208,582.41	43,967.000	LF	N	BARRIER WALL,TEMP,REL,CONCRETE
0102 71 24	3	$12.89	$183,728.00	14,250.000	LF	N	BARRIER WALL,TEMP,REL,TYPE K
0102 74 1	22	$.12	$238,646.09	2,062,254.000	ED	N	CHANNEL DEVICE-TYPS I,II,DI,VP, DRUM, LC
0102 74 2	21	$.22	$39,679.70	181,598.000	ED	N	CHANNELIZING DEVICE, TYPE III, 6'
0102 74 5	3	$12.98	$396,463.00	30,533.000	LF	N	CHANNELIZING DEVICE- PED LCD
0102 76	21	$4.15	$106,251.21	25,575.000	ED	N	ARROW BOARD /ADVANCE WARNING ARROW PANEL
0102 77	22	$.20	$34,932.35	171,856.000	ED	N	HIGH INTENSITY FLASH LI,TEMP,TYP B
0102 78	19	$3.31	$160,973.27	48,579.000	EA	N	TEMPORARY RETROREFLECTIVE PAVT MARKER
0102 89 1	7	$1,162.58	$597,565.87	514.000	LO	N	TEMPORARY CRASH CUSHION, RED OPT
0102 99	21	$11.79	$260,185.62	22,075.000	ED	N	PORTABLE CHANGEABLE MESSAGE SIGN,TEMP
0102104	17	$6.29	$195,058.80	31,025.000	ED	N	TEMPORARY SIGNALIZATION AND MAINT, INTER
0102107 1	17	$6.18	$191,788.50	31,025.000	ED	N	TEMP TRAFFIC DETECTION & MAINTEN, INTER
0102150 1	2	$5.76	$19,160.10	3,325.000	ED	N	PORTABLE REGULATORY,SIGN
0102150 2	2	$5.97	$16,819.44	2,816.000	ED	N	RADAR SPEED DISPLAY UNIT
0104 10 3	6	$.68	$165,878.29	243,274.000	LF	N	SEDIMENT BARRIER
0104 11	4	$10.90	$311,828.36	28,610.000	LF	N	FLOATING TURBIDITY BARRIER
0104 15	4	$333.34	$3,000.06	9.000	EA	N	SOIL TRACKING PREVENTION DEVICE
0104 18	12	$81.74	$107,893.26	1,320.000	EA	N	INLET PROTECTION SYSTEM
0107 1	20	$16.60	$130,923.50	7,886.400	AC	N	LITTER REMOVAL
0107 2	19	$13.18	$93,112.66	7,067.374	AC	N	MOWING
0110 1 1	21	$10,331.07	$4,510,854.36	436.630	AC	N	CLEARING & GRUBBING
0110 3	2	$28.72	$184,383.59	6,421.000	SF	N	REMOVAL OF EXISTING STRUCTURE
0110 4	4	$32.52	$2,550,273.36	78,415.940	SY	N	REMOVAL OF EXISTING CONCRETE PAVEMENT
0110 7 1	2	$130.25	$1,302.53	10.000	EA	N	MAILBOX, F&I SINGLE
0110 73	1	$124.30	$132,505.44	1,066.000	LF	N	REMOVE EXISTING BULKHEAD
0110 86	14	$1,499.76	$26,995.66	18.000	LS	N	DELIVERY OF SALVAGEABLE MATERIAL TO FDOT
0120 1	9	$3.73	$436,473.80	116,874.000	CY	N	REGULAR EXCAVATION
0120 4	4	$4.56	$3,745,794.07	820,736.000	CY	N	SUBSOIL EXCAVATION
0120 5	1	$19.96	$6,367.24	319.000	CY	N	CHANNEL EXCAVATION
0120 6	9	$15.18	$39,382,747.97	2,595,027.700	CY	N	EMBANKMENT

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Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0120 71	7	$7,652.41	$76,524.07	10.000	LS	N	REGULAR EXCAVATION (3-R PROJECTS ONLY)
0120 74	1	$6.35	$4,438,967.50	699,050.000	CY	N	SURCHARGE EMBANKMENT
0141 70	1	$698.93	$76,183.37	109.000	AS	N	SETTLEMENT PLATE ASSEMBLY
0145 2	2	$4.41	$1,216,066.14	275,652.000	SY	N	GEOSYNTHETIC REINF FND OVER SOFT SOIL
0160 4	16	$.54	$602,240.61	1,107,645.010	SY	N	TYPE B STABILIZATION
0162 1 11	8	$.52	$354,122.83	680,748.700	SY	N	PREPARED SOIL LAYER, FINISH SOIL, 6"
0162 1 12	1	$20.01	$1,900.95	95.000	SY	N	PREPARED SOIL LAYER, FINISH SOIL, 12"
0210 1 1	2	$6.22	$52,957.52	8,513.200	SY	N	REWORKING LIMEROCK BASE, 6"
0210 1 9	2	$10.85	$75,330.00	6,944.000	SY	N	REWORKING LIMEROCK BASE, 3"
0285701	1	$2.57	$126,050.79	49,047.000	SY	N	OPTIONAL BASE,BASE GROUP 01
0285702	7	$7.21	$757,822.63	105,054.500	SY	N	OPTIONAL BASE,BASE GROUP 02
0285704	1	$7.23	$296,032.35	40,945.000	SY	N	OPTIONAL BASE,BASE GROUP 04
0285706	2	$16.22	$18,537.10	1,142.800	SY	N	OPTIONAL BASE,BASE GROUP 06
0285709	10	$12.55	$1,025,445.26	81,689.110	SY	N	OPTIONAL BASE,BASE GROUP 09
0285710	5	$12.60	$4,490,061.96	356,303.200	SY	N	OPTIONAL BASE,BASE GROUP 10
0285711	2	$11.24	$2,422,630.71	215,603.200	SY	N	OPTIONAL BASE,BASE GROUP 11
0285712	2	$14.26	$86,771.16	6,084.000	SY	N	OPTIONAL BASE,BASE GROUP 12
0285715	1	$59.10	$21,867.00	370.000	SY	N	OPTIONAL BASE,BASE GROUP 15
0286 1	1	$100.00	$3,000.00	30.000	SY	N	TURNOUT CONSTRUCTION
0327 70 1	8	$3.33	$162,093.15	48,624.000	SY	N	MILLING EXIST ASPH PAVT, 1" AVG DEPTH
0327 70 3	1	$6.33	$26,908.83	4,251.000	SY	N	MILLING EXIST ASPH PAVT,4 1/2" AVG DEPTH
0327 70 4	2	$5.77	$21,122.00	3,658.000	SY	N	MILLING EXIST ASPH PAVT, 3" AVG DEPTH
0327 70 5	12	$4.11	$2,218,433.41	539,773.100	SY	N	MILLING EXIST ASPH PAVT, 2" AVG DEPTH
0327 70 6	7	$4.78	$1,105,857.26	231,326.500	SY	N	MILLING EXIST ASPH PAVT,1 1/2" AVG DEPTH
0327 70 7	1	$5.50	$44,962.50	8,175.000	SY	N	MILLING EXIST ASPH PAVT, 4" AVG DEPTH
0327 70 8	1	$4.56	$163,893.70	35,941.600	SY	N	MILLING EXIST ASPH PAVT,2 1/2" AVG DEPTH
0327 70 11	1	$3.00	$83,094.00	27,698.000	SY	N	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH
0327 70 13	1	$5.75	$1,253.50	218.000	SY	N	MILLING EXIST ASPH PAVT,1 3/4" AVG DEPTH
0334 1 11	4	$277.73	$297,120.77	1,069.800	TN	N	SUPERPAVE ASPHALTIC CONC, TRAFFIC A
0334 1 12	5	$121.89	$1,086,699.08	8,915.260	TN	N	SUPERPAVE ASPHALTIC CONC, TRAFFIC B
0334 1 13	17	$102.73	$12,213,154.04	118,882.980	TN	N	SUPERPAVE ASPHALTIC CONC, TRAFFIC C
0334 1 14	1	$105.00	$1,627,857.00	15,503.400	TN	N	SUPERPAVE ASPHALTIC CONC, TRAFFIC D
0334 1 24	2	$115.11	$1,943,399.86	16,882.700	TN	N	SUPERPAVE ASPH CONC, TRAF D, PG76-22,PMA
0334 1 25	1	$117.05	$82,098.87	701.400	TN	N	SUPERPAVE ASPH CONC, TRAF E, PG76-22,PMA
0337 7 22	1	$140.00	$1,064,938.00	7,606.700	TN	N	ASPH CONC FC,INC BIT,FC-5,PG76-22,PMA
0337 7 24	4	$140.00	$2,623,586.00	18,739.900	TN	N	ASPH CONC FC, FC-5, PG 76-22, ARB
0337 7 45	1	$131.23	$189,443.63	1,443.600	TN	N	ASPH CONC FC,TRAFFIC D,FC-12.5,PG 76-22
0337 7 48	1	$136.76	$50,532.82	369.500	TN	N	ASPH CONC FC,TRAFFIC E,FC-12.5,PG 76-22
0337 7 71	4	$143.62	$1,080,906.01	7,526.340	TN	N	ASPH CONC FC,TRAF B,FC-9.5,PG 76-22, ARB
0337 7 73	11	$103.20	$4,999,440.06	48,443.110	TN	N	ASPH CONC FC,TRAF C,FC-9.5,PG 76-22, ARB

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0337 7 74	3	$123.87	$677,203.04	5,466.900	TN	N	ASPH CONC FC,TRAF C,FC-12.5,PG 76-22,ARB
0339 1	12	$198.16	$721,454.94	3,640.770	TN	N	MISCELLANEOUS ASPHALT PAVEMENT
0350 3 5	1	$61.62	$61,928.10	1,005.000	SY	N	PLAIN CEMENT CONC PAVT, 8"
0350 3 10	1	$75.03	$858,868.41	11,447.000	SY	N	PLAIN CEMENT CONC PAVT, 10.5"
0350 5	2	$1.94	$691,511.92	356,104.000	LF	N	CLEANING & SEALING JOINTS - CONC PVMT
0352 70	2	$3.20	$711,225.00	222,228.000	SY	N	GRINDING CONCRETE PAVT
0353 70	1	$685.00	$7,297,236.50	10,652.900	CY	N	CONC PAVT SLAB REPLACEMENT
0400 0 11	5	$466.92	$104,809.74	224.470	CY	N	CONC CLASS NS, GRAVITY WALL
0400 2 2	2	$748.91	$9,735.80	13.000	CY	N	CONC CLASS II, ENDWALLS
0400 2 4	1	$609.50	$156,336.75	256.500	CY	N	CONC CLASS II, SUPERSTRUCTURE
0400 2 5	2	$367.85	$93,065.00	253.000	CY	N	CONC CLASS II, SUBSTRUCTURE
0400 2 10	1	$453.78	$54,544.36	120.200	CY	N	CONC CLASS II, APPROACH SLABS
0400 4 4	1	$700.00	$28,700.00	41.000	CY	N	CONC CLASS IV, SUPERSTRUCTURE
0400 4 5	1	$1,768.75	$59,783.75	33.800	CY	N	CONC CLASS IV, SUBSTRUCTURE
0400 4 8	1	$659.78	$310,690.40	470.900	CY	N	CONC CLASS IV, BULKHEAD
0400 32	1	$9,500.00	$9,500.00	1.000	CY	N	CONCRETE FOR JOINT REPAIR
0400142 3	1	$40.00	$219,920.00	5,498.000	SF	N	CATHODIC PROTECTION SYSTEM, ZINC ALUM SP
0400143	2	$1.95	$187,702.10	96,310.000	SF	N	CLEAN & COAT CONCRETE SURF , CLASS 5
0401 70 2	1	$450.00	$444,150.00	987.000	CF	N	RESTORE SPALL AREA,LATX MOD MTR,STY-BUT
0411 1	2	$172.05	$3,785.00	22.000	GA	N	EPOXY MATERIAL- STRUCTURES REHAB
0411 2	2	$49.98	$209,575.00	4,193.000	LF	N	CRACKS INJECT & SEAL- STRUCTURES REHAB
0413151	1	$150.00	$23,850.00	159.000	GA	N	METHACRYLATE MONOMER
0413154	1	$2.25	$32,469.75	14,431.000	SF	N	CLEAN & SEAL CONC- PENETR OR METHACR
0415 1 1	1	$1.36	$1,955.68	1,438.000	LB	N	REINF STEEL- ROADWAY
0415 1 3	1	$1.60	$3,456.00	2,160.000	LB	N	REINF STEEL- RETAINING WALL
0415 1 4	3	$.98	$66,758.82	67,803.000	LB	N	REINF STEEL- SUPERSTRUCTURE
0415 1 5	4	$1.62	$31,028.70	19,177.600	LB	N	REINF STEEL- SUBSTRUCTURE
0415 1 8	1	$1.03	$62,056.47	60,249.000	LB	N	REINF STEEL- BULKHEAD
0415 1 9	1	$.88	$19,463.84	22,118.000	LB	N	REINF STEEL- APPROACH SLABS
0425 1201	2	$3,341.28	$414,318.58	124.000	EA	N	INLETS, CURB, TYPE 9, <10'
0425 1202	1	$5,150.17	$41,201.36	8.000	EA	N	INLETS, CURB, TYPE 9, >10'
0425 1203	1	$5,790.97	$17,372.91	3.000	EA	N	INLETS, CURB, TYPE 9, J BOT, <10'
0425 1204	1	$8,440.52	$59,083.64	7.000	EA	N	INLETS, CURB, TYPE 9, J BOT, >10'
0425 1205	1	$1,712.37	$8,561.85	5.000	EA	N	INLETS, CURB, TYPE 9, PARTIAL
0425 1211	1	$3,425.56	$130,171.28	38.000	EA	N	INLETS, CURB, TYPE 10, <10'
0425 1212	1	$6,297.69	$25,190.76	4.000	EA	N	INLETS, CURB, TYPE 10, >10'
0425 1215	1	$1,945.87	$3,891.74	2.000	EA	N	INLETS, CURB, TYPE 10, PARTIAL
0425 1321	1	$8,155.00	$8,155.00	1.000	EA	N	INLETS, CURB, TYPE P-2, <10'
0425 1331	1	$7,850.00	$7,850.00	1.000	EA	N	INLETS, CURB, TYPE P-3, <10'
0425 1332	1	$8,440.00	$8,440.00	1.000	EA	N	INLETS, CURB, TYPE P-3, >10'

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Item		No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0425	1351	5	$4,824.17	$82,010.86	17.000	EA	N	INLETS, CURB, TYPE P-5, <10'
0425	1352	2	$6,826.49	$13,652.97	2.000	EA	N	INLETS, CURB, TYPE P-5, >10'
0425	1355	2	$2,656.18	$23,905.64	9.000	EA	N	INLETS, CURB, TYPE P-5, PARTIAL
0425	1361	4	$5,277.65	$47,498.82	9.000	EA	N	INLETS, CURB, TYPE P-6, <10'
0425	1365	2	$4,135.79	$20,678.96	5.000	EA	N	INLETS, CURB, TYPE P-6, PARTIAL
0425	1451	2	$6,182.72	$30,913.62	5.000	EA	N	INLETS, CURB, TYPE J-5, <10'
0425	1459	1	$10,896.86	$76,278.02	7.000	EA	N	INLETS, CURB, TYPE J-5, MODIFY
0425	1461	1	$6,383.00	$6,383.00	1.000	EA	N	INLETS, CURB, TYPE J-6, <10'
0425	1501	3	$3,970.34	$234,250.00	59.000	EA	N	INLETS, DT BOT, TYPE A, <10'
0425	1503	3	$6,934.07	$374,440.00	54.000	EA	N	INLETS, DT BOT, TYPE A, J BOT, <10'
0425	1504	2	$8,270.00	$24,810.00	3.000	EA	N	INLETS, DT BOT, TYPE A, J BOT, >10'
0425	1521	4	$3,569.39	$57,110.16	16.000	EA	N	INLETS, DT BOT, TYPE C, <10'
0425	1522	1	$4,124.30	$12,372.90	3.000	EA	N	INLETS, DT BOT, TYPE C, >10'
0425	1523	1	$9,697.68	$96,976.80	10.000	EA	N	INLETS, DT BOT, TYPE C,J BOT,<10'
0425	1524	1	$10,477.95	$10,477.95	1.000	EA	N	INLETS, DT BOT, TYPE C, J BOT, >10'
0425	1541	1	$5,238.98	$47,150.82	9.000	EA	N	INLETS, DT BOT, TYPE D, <10'
0425	1542	1	$5,796.31	$17,388.93	3.000	EA	N	INLETS, DT BOT, TYPE D, >10'
0425	1551	1	$5,168.92	$82,702.72	16.000	EA	N	INLETS, DT BOT, TYPE E, <10'
0425	1561	3	$4,791.27	$100,616.77	21.000	EA	N	INLETS, DT BOT, TYPE F, <10'
0425	1562	1	$5,955.36	$5,955.36	1.000	EA	N	INLETS, DT BOT, TYPE F, >10'
0425	1563	1	$5,929.43	$308,330.36	52.000	EA	N	INLETS, DT BOT,TYPE F, J BOT, <10'
0425	1564	1	$6,189.81	$99,036.96	16.000	EA	N	INLETS, DT BOT,TYPE F, J BOT, >10'
0425	1581	2	$6,293.33	$18,880.00	3.000	EA	N	INLETS, DT BOT, TYPE H, <10'
0425	1601	1	$5,789.17	$23,156.68	4.000	EA	N	INLETS, DT BOT, TYPE J, <10'
0425	1602	1	$5,921.54	$23,686.16	4.000	EA	N	INLETS, DT BOT, TYPE J, >10'
0425	1701	4	$3,800.81	$539,715.00	142.000	EA	N	INLETS, GUTTER, TYPE S, <10'
0425	1702	1	$4,213.09	$67,409.44	16.000	EA	N	INLETS, GUTTER, TYPE S, >10'
0425	1703	3	$5,072.60	$91,306.87	18.000	EA	N	INLETS, GUTTER, TYPE S, J BOT<10'
0425	1704	1	$4,603.09	$69,046.35	15.000	EA	N	INLETS, GUTTER, TYPE S, J BOT, >10'
0425	1711	1	$4,035.00	$4,035.00	1.000	EA	N	INLETS, GUTTER, TYPE V, <10'
0425	1712	1	$6,250.00	$6,250.00	1.000	EA	N	INLETS, GUTTER, TYPE V, >10'
0425	1891	1	$4,705.67	$47,056.70	10.000	EA	N	INLETS, BARRIER WALL, <10'
0425	1892	1	$5,218.53	$10,437.06	2.000	EA	N	INLETS, BARRIER WALL, >10'
0425	1901	2	$4,353.46	$239,440.13	55.000	EA	N	INLETS, SPECIAL, <10'
0425	1902	1	$5,084.18	$20,336.72	4.000	EA	N	INLETS, SPECIAL, >10'
0425	1903	1	$4,743.04	$4,743.04	1.000	EA	N	INLETS, SPECIAL, J BOTTOM <10'
0425	1910	1	$3,121.21	$3,121.21	1.000	EA	N	INLETS, CLOSED FLUME
0425	2 41	7	$3,927.24	$172,798.76	44.000	EA	N	MANHOLES, P-7, <10'
0425	2 42	2	$4,961.46	$59,537.46	12.000	EA	N	MANHOLES, P-7, >10'
0425	2 43	1	$4,250.00	$12,750.00	3.000	EA	N	MANHOLES, P-7, PARTIAL

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0425 2 71	4	$6,400.66	$44,804.63	7.000	EA	N	MANHOLES, J-7, <10'
0425 2 72	2	$7,391.22	$14,782.43	2.000	EA	N	MANHOLES, J-7, >10'
0425 3 63	1	$3,035.01	$3,035.01	1.000	EA	N	JUNCTION BOXES, DRAINAGE, J-7, PARTIAL
0425 5	14	$420.47	$155,994.95	371.000	EA	N	MANHOLE, ADJUST
0425 5 1	9	$402.27	$53,903.63	134.000	EA	N	MANHOLE, ADJUST, UTILITIES
0425 6	11	$239.89	$114,668.38	478.000	EA	N	VALVE BOXES, ADJUST
0425 11	1	$2,008.85	$2,008.85	1.000	EA	N	MODIFY EXISTING DRAINAGE STRUCTURE
0425 78	1	$1,676.69	$5,030.07	3.000	EA	N	INLET CAP, PRECAST
0430174112	1	$65.87	$3,359.37	51.000	LF	N	PIPE CULV, OPT MATL, ROUND,12"SD
0430174115	1	$72.05	$1,152.80	16.000	LF	N	PIPE CULV, OPT MATL, ROUND,15"SD
0430174118	2	$65.15	$561,756.80	8,623.000	LF	N	PIPE CULV, OPT MATL, ROUND,18"SD
0430174124	2	$72.15	$801,640.61	11,111.000	LF	N	PIPE CULV, OPT MATL, ROUND,24"SD
0430174130	2	$87.59	$77,864.24	889.000	LF	N	PIPE CULV, OPT MATL, ROUND,30"SD
0430175115	1	$80.06	$4,003.00	50.000	LF	N	PIPE CULV, OPT MATL, ROUND, 15"S/CD
0430175118	5	$48.57	$661,051.06	13,609.800	LF	N	PIPE CULV, OPT MATL, ROUND, 18"S/CD
0430175124	6	$62.30	$940,981.44	15,103.700	LF	N	PIPE CULV, OPT MATL, ROUND, 24"S/CD
0430175130	2	$136.51	$22,523.80	165.000	LF	N	PIPE CULV, OPT MATL, ROUND, 30"S/CD
0430175142	1	$285.00	$4,275.00	15.000	LF	N	PIPE CULV, OPT MATL, ROUND, 42"S/CD
0430175160	1	$192.71	$49,719.18	258.000	LF	N	PIPE CULV, OPT MATL, ROUND, 60"S/CD
0430175215	1	$113.74	$5,232.04	46.000	LF	N	PIPE CULV, OPT MATL, OTHER, 15"S/CD
0430175218	1	$94.15	$11,862.90	126.000	LF	N	PIPE CULV, OPT MATL, OTHER, 18"S/CD
0430175248	1	$227.67	$153,904.92	676.000	LF	N	PIPE CULV, OPT MATL, OTHER, 48"S/CD
0430982125	1	$955.88	$5,735.28	6.000	EA	N	MITERED END SECT, OPTIONAL RD, 18" CD
0430982138	1	$1,036.74	$9,330.66	9.000	EA	N	MITERED END SECT, OPTIONAL RD, 36" CD
0430982143	1	$2,272.89	$2,272.89	1.000	EA	N	MITERED END SECT, OPTIONAL RD, 60" CD
0430982643	1	$2,557.82	$20,462.56	8.000	EA	N	MITERED END SECT, OPT - OTHER, 60" CD
0430982645	2	$5,213.33	$31,280.00	6.000	EA	N	MITERED END SECT, OPT - OTHER, 72" CD
0435 1 99	2	$277.70	$135,520.00	488.000	LF	N	STRUCT PLATE PIPE CULV, ANIMAL
0436 1 1	1	$242.80	$40,062.00	165.000	LF	N	TRENCH DRAIN, STANDARD
0440 73 1	1	$129.02	$322.55	2.500	LF	N	UNDERDRAIN OUTLET PIPE, 4"
0443 70 4	8	$131.64	$3,201,875.94	24,322.100	LF	N	FRENCH DRAIN, 24"
0443 70 5	1	$150.48	$329,852.16	2,192.000	LF	N	FRENCH DRAIN, 30"
0443 70 6	1	$143.38	$45,164.70	315.000	LF	N	FRENCH DRAIN, 36"
0444 70 11	1	$198.60	$55,608.00	280.000	LF	N	DEEP WELL- OPEN HOLE, 24"
0444 71 11	1	$245.63	$388,095.40	1,580.000	LF	N	DEEP WELL CASING, 24"
0446 1 1	1	$19.63	$40,810.77	2,079.000	LF	N	EDGEDRAIN DRAINCRETE, STANDARD
0446 71 1	1	$55.83	$10,607.70	190.000	LF	N	EDGEDRAIN OUTLET PIPE, 4"
0455 34 3	1	$98.66	$73,896.34	749.000	LF	N	PRESTRESSED CONCRETE PILING, 18" SQ
0455 76	1	$950.00	$95,000.00	100.000	EA	N	WRAP PILE CLUSTERS
0455133 3	1	$48.19	$2,276,688.36	47,244.000	SF	N	SHEET PILING STEEL, F&I PERMANENT

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0455143 3	1	$822.35	$109,372.55	133.000	LF	N	TEST PILES-PREST CONCRETE,18" SQ
0458 1 11	1	$385.76	$72,908.64	189.000	LF	N	BRIDGE DECK EXPANSION JNT,NEW,POURED
0458 1 21	3	$51.42	$361,190.80	7,024.000	LF	N	BRIDGE DECK EXPANSION JNT, REHAB,POURED
0458 1 26	1	$60.00	$23,820.00	397.000	LF	N	BRIDGE DECK EXPANSION JNT, REHAB,OTHER
0458 2	1	$380.00	$118,712.00	312.400	CF	N	POLYMER NOSING FOR BRIDGE DECK EXPANSION
0460 70 1	1	$56.50	$121,197.60	2,145.000	LF	N	ALUMINUM BULLET RAILINGS, SINGLE RAIL
0460 70 2	1	$32.00	$212,960.00	6,655.000	LF	N	ALUMINUM BULLET RAILINGS, DOUBLE RAIL
0460 71 2	1	$380.00	$376,960.00	992.000	LF	N	METAL TRAF RAILING,STEEL POST AND RAIL
0470 1	1	$14,000.00	$403,200.00	28.800	MB	N	TREATED TIMBER, STRUCTURAL
0471 1 2	1	$10,000.00	$25,000.00	2.500	MB	N	FENDER SYS,PLASTIC MARINE LUMBER, NR
0510 1	1	$49,400.00	$49,400.00	1.000	LS	N	NAVIGATION LIGHTS- FIXED BRIDGE, SYSTEM
0515 1 2	4	$42.14	$16,283.11	386.400	LF	N	PIPE HANDRAIL - GUIDERAIL, ALUMINUM
0515 2311	2	$218.73	$81,150.30	371.000	LF	N	PED/BICYCLE RAILING, ALUM,42" TYPE 1
0515 3 2	1	$80.00	$81,280.00	1,016.000	LF	N	PIPE HANDRAIL- RETROFIT EXIST, ALUMINUM
0520 1 7	1	$25.64	$5,076.72	198.000	LF	N	CONCRETE CURB & GUTTER, TYPE E
0520 1 10	17	$20.63	$1,152,844.05	55,870.460	LF	N	CONCRETE CURB & GUTTER, TYPE F
0520 1 11	2	$25.59	$55,228.56	2,158.600	LF	N	CONCRETE CURB & GUTTER, VAR HT TYPE F
0520 2 1	1	$44.47	$2,890.55	65.000	LF	N	CONCRETE CURB, TYPE A
0520 2 2	1	$43.00	$3,053.00	71.000	LF	N	CONCRETE CURB, TYPE B
0520 2 4	3	$36.11	$13,852.80	383.640	LF	N	CONCRETE CURB, TYPE D
0520 3	1	$27.00	$4,941.00	183.000	LF	N	VALLEY GUTTER- CONCRETE
0520 5 11	1	$40.00	$6,120.00	153.000	LF	N	TRAF SEP CONC-TYPE I, 4' WIDE
0520 5 21	1	$176.00	$176.00	1.000	LF	N	TRAF SEP CONC - TYPE II, 4' WIDE
0520 5 41	3	$35.41	$18,803.40	531.000	LF	N	TRAF SEP CONC-TYPE IV, 4' WIDE
0520 6	1	$15.29	$15,137.10	990.000	LF	N	SHOULDER GUTTER- CONCRETE
0520 70	1	$36.50	$2,409.00	66.000	SY	N	CONCRETE TRAFFIC SEPARATOR, SP- VAR WIDT
0521 1	1	$271.55	$279,968.05	1,031.000	LF	N	MEDIAN CONC BARRIER WALL
0521 5 1	1	$92.19	$28,671.09	311.000	LF	N	CONC TRAF RAIL, BRG, 32" F-SHAPE
0521 72 3	1	$190.32	$133,985.28	704.000	LF	N	SHLDR CONC BARRIER WALL, RIGID-SHLDR
0521 72 5	1	$213.41	$6,615.71	31.000	LF	N	SHLDR CONC BARRIER WALL,RIGID C&C
0521 72 11	1	$317.70	$116,278.20	366.000	LF	N	SHLDR CONC BARRIER WALL,RIGID SHLDR 54"
0522 1	16	$38.96	$1,428,985.18	36,678.650	SY	N	CONCRETE SIDEWALK AND DRIVEWAYS, 4"
0522 2	12	$43.54	$181,509.68	4,168.940	SY	N	CONCRETE SIDEWALK AND DRIVEWAYS, 6"
0522 4	1	$150.00	$2,550.00	17.000	SY	N	BUS SHELTER PAD- CONCRETE
0524 2 2	1	$250.00	$30,250.00	121.000	SY	N	CONC SLOPE PAVT, NR, 4"
0524 4 1	1	$11.00	$15,950.00	1,450.000	LF	N	CLEAN & SEAL RANDOM CRACKS IN SLOPE PVMT
0526 1 2	3	$22.36	$20,949.98	936.800	SY	N	PAVERS, ARCHITECTURAL, SIDEWALK
0527 2	16	$34.68	$385,467.15	11,113.750	SF	N	DETECTABLE WARNINGS
0530 3 4	3	$51.72	$268,490.50	5,191.100	TN	N	RIPRAP, RUBBLE, F&I, DITCH LINING
0536 1 1	14	$16.89	$331,848.74	19,649.750	LF	N	GUARDRAIL- ROADWAY

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0536 1 3	5	$22.48	$1,707,115.46	75,949.300	LF	N	GUARDRAIL- ROADWAY, DOUBLE FACE
0536 1 5	4	$37.14	$23,398.60	630.000	LF	N	GUARDRAIL- ROADWAY, THRIE BEAM
0536 2	2	$76.20	$5,239.00	68.750	LF	N	GUARDRAIL- SHOP-BENT PANELS
0536 5 2	4	$11.78	$893,071.72	75,831.300	LF	N	RUB RAIL FOR GUARDRAIL, DOUBLE SIDED
0536 6	4	$9.87	$13,661.15	1,383.500	LF	N	PIPE RAIL FOR GUARDRAIL
0536 7	8	$164.82	$45,161.70	274.000	EA	N	SPECIAL GUARDRAIL POST
0536 8	3	$3,196.51	$22,375.54	7.000	EA	N	GUARDRAIL- BRIDGE ANCHORAGE ASSEM, F&I
0536 8 1	1	$2,425.00	$9,700.00	4.000	EA	N	GUARDRAIL,BRIDGE ANCHORAGE ASSEMBLY,INS
0536 73	8	$1.26	$42,328.79	33,623.400	LF	N	GUARDRAIL REMOVAL
0536 82	3	$4,158.98	$16,635.92	4.000	EA	N	GUARDRAIL ANCHORAGE- CONC BARRIER
0536 85 22	4	$3,089.12	$27,802.06	9.000	EA	N	GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED
0536 85 24	10	$2,761.26	$69,031.49	25.000	EA	N	GUARDRAIL END ANCHORAGE ASSEM- PARALLEL
0536 85 25	11	$932.57	$29,842.32	32.000	EA	N	GUARDRAIL END ANCHORAGE ASSEM- TYPE II
0536 85 27	1	$2,173.85	$6,521.55	3.000	EA	N	GUARDRAIL END ANCHORAGE ASSEM- DBL FACE
0538 1	1	$11.00	$57,816.00	5,256.000	LF	N	GUARDRAIL RESET
0544 75 1	4	$13,289.59	$558,162.94	42.000	EA	N	CRASH CUSHION
0546 71	1	$900.00	$3,600.00	4.000	PS	N	RUMBLE STRIPS
0550 10130	1	$17.00	$19,040.00	1,120.000	LF	N	FENCING, TYPE A, 6.1-7.0, STANDARD
0550 10220	1	$25.57	$2,684.85	105.000	LF	N	FENCING, TYPE B, 5.1-6.0', STANDARD
0550 10228	2	$15.93	$64,427.47	4,045.000	LF	N	FENCING, TYPE B, 5.1-6.0, RESET EXISTING
0550 10938	1	$26.13	$47,530.47	1,819.000	LF	N	FENCING, SPECIAL TYPE, 6.1-7.0', RESET
0550 60122	1	$1,050.00	$2,100.00	2.000	EA	N	FENCE GATE,TYP A, DBL, 6.1-12' OPENING
0561 1	1	$4,100.55	$1,467,996.90	358.000	TN	N	COATING EXISTING STRUCTURAL STEEL
0570 1 1	1	$.37	$114,320.38	308,974.000	SY	N	PERFORMANCE TURF
0570 1 2	18	$2.18	$1,669,342.28	764,670.630	SY	N	PERFORMANCE TURF, SOD
0580 1 1	2	$52,726.41	$105,452.81	2.000	LS	N	LANDSCAPE COMPLETE- SMALL PLANTS
0580 1 2	8	$37,400.40	$299,203.22	8.000	LS	N	LANDSCAPE COMPLETE- LARGE PLANTS
0590 70	1	$68,500.00	$68,500.00	1.000	LS	N	IRRIGATION SYSTEM
0590 70 1	1	$14,500.00	$14,500.00	1.000	LS	N	IRRIGATION SYSTEM REPAIRS
0630 2 11	7	$16.37	$43,799.35	2,675.000	LF	N	CONDUIT, F& I, OPEN TRENCH
0630 2 12	19	$11.13	$2,614,761.88	234,987.000	LF	N	CONDUIT, F& I, DIRECTIONAL BORE
0630 2 15	1	$74.79	$472,074.48	6,312.000	LF	N	CONDUIT, F& I, BRIDGE MOUNT
0630 2 65	1	$14.94	$78,793.56	5,274.000	LF	N	CONDUIT, REMOVE, BRIDGE MOUNT
0632 7 1	8	$5,642.30	$141,057.38	25.000	PI	N	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL
0632 7 2	12	$4.55	$91,842.37	20,169.000	LF	N	SIGNAL CABLE, REPAIR/REPL-FUR & INSTALL
0632 7 6	2	$1,687.21	$3,374.41	2.000	PI	N	SIGNAL CABLE, REMOVE- INTERSECTION
0635 2 11	20	$584.70	$1,372,871.95	2,348.000	EA	N	PULL & SPLICE BOX, F&I, 13" x 24"
0635 2 12	2	$1,515.63	$15,156.34	10.000	EA	N	PULL & SPLICE BOX, F&I, 24" X 36"
0635 3 12	1	$859.01	$38,655.45	45.000	EA	N	JUNCTION BOX, FURNISH & INSTALL, MOUNTED
0639 1121	1	$970.68	$2,912.04	3.000	AS	N	ELECTRICAL POWER SRV,F&I, UG,FUR BY POWE

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0639 1122	7	$3,653.22	$58,451.50	16.000	AS	N	ELECTRICAL POWER SRV,F&I, UG,PUR CONT
0639 1123	7	$3,510.18	$45,632.38	13.000	AS	N	ELECTRICAL POWER SRV,F&I, UG,PUR,NOT REQ
0639 1620	2	$553.03	$1,659.08	3.000	AS	N	ELECTRICAL POWER SRV,REM UND
0639 2 1	9	$3.51	$31,771.26	9,048.000	LF	N	ELECTRICAL SERVICE WIRE
0639 3 11	3	$1,000.37	$5,001.85	5.000	EA	N	ELEC SERV DISCON, F&I, POLE MNT
0641 2 12	9	$1,735.72	$55,543.14	32.000	EA	N	PREST CNC POLE,F&I,TYP P-II SRV POLE
0641 2 70	2	$1,531.73	$4,595.18	3.000	EA	N	PREST CNC POLE, REMOVE SHALLOW
0646 1 11	13	$1,090.19	$160,258.11	147.000	EA	N	ALUMINUM SIGNALS POLE, PEDESTAL
0646 1 12	3	$2,930.37	$17,582.19	6.000	EA	N	ALUMINUM SIGNALS POLE, PED DETECT POST
0646 1 60	6	$326.80	$26,797.72	82.000	EA	N	ALUMINUM SIGNALS POLE, REMOVE
0649 31101	6	$24,748.61	$321,731.87	13.000	EA	N	M/ARM,F&I, WS-150,SING ARM,W/0 LUM-36
0649 31102	6	$26,028.45	$416,455.23	16.000	EA	N	M/ARM,F&I, WS-150,SINGLE ARM,W/0 LUM-46
0649 31103	7	$33,341.14	$533,458.25	16.000	EA	N	M/ARM,F&I, WS-150,SING ARM,W/0 LUM-60
0649 31104	2	$38,218.99	$229,313.96	6.000	EA	N	M/ARM,F&I, WS-150,SING ARM,W/0 LUM-70.5
0649 31105	2	$40,397.22	$201,986.10	5.000	EA	N	M/ARM,F&I, WS-150,SINGLE ARM,W/0 LUM-78
0649 31112	1	$36,709.05	$73,418.10	2.000	EA	N	M/ARM,F&I, WS-150,DBL ARM,W/0 LU 36-60
0649 31113	1	$38,313.45	$38,313.45	1.000	EA	N	M/ARM,F&I, WS-150,DBL ARM,W/0 LU 36-70.5
0649 31115	1	$43,621.34	$87,242.68	2.000	EA	N	M/ARM,F&I, WS-150,DBL ARM,W/0 LU 46-60
0649 31116	1	$47,778.17	$143,334.51	3.000	EA	N	M/ARM,F&I, WS-150,DBL ARM,W/0 LU 46-70.5
0649 31117	2	$50,788.73	$152,366.19	3.000	EA	N	M/ARM,F&I, WS-150,DBL ARM,W/0 LU 60-60
0649 31999	2	$48,247.74	$144,743.22	3.000	EA	N	M/ARM,F&I, CUSTOM WIND SPEED, CUSTOM ARM
0649 36300	4	$2,024.89	$97,194.54	48.000	EA	N	M/ARM, REMOVE POLE- SHALLOW
0650 1 14	2	$1,043.13	$25,035.08	24.000	AS	N	TRAFFIC SIGNAL,F&I ALUMINUM, 3 S 1 W
0650 1 60	5	$247.87	$20,325.23	82.000	AS	N	TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN
0653 1 11	9	$836.31	$77,776.87	93.000	AS	N	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY
0653 1 12	6	$1,383.55	$51,191.20	37.000	AS	N	PEDESTRIAN SIGNAL, F&I LED COUNT, 2 WAYS
0653 1 60	5	$65.03	$2,341.14	36.000	AS	N	PEDESTRIAN SIGNAL, REMOVE
0660 1109	8	$453.56	$29,934.79	66.000	EA	N	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9
0660 2101	17	$894.91	$351,700.72	393.000	AS	N	LOOP ASSEMBLY- F&I, TYPE A
0660 2102	1	$1,232.94	$23,425.86	19.000	AS	N	LOOP ASSEMBLY, F&I, TYPE B
0660 4 11	2	$4,801.37	$9,602.74	2.000	EA	N	VEHICLE DETECTION SYSTEM- VIDEO, CABINET
0660 4 12	2	$4,669.08	$9,338.16	2.000	EA	N	VEHICLE DETECTION SYSTEM- VIDEO, ABOVE G
0665 1 11	14	$268.56	$61,499.58	229.000	EA	N	PEDESTRIAN DETECTOR, F&I, STANDARD
0665 1 12	1	$4,445.16	$4,445.16	1.000	EA	N	PEDESTRIAN DETECTOR, F&I, ACCESSIBLE
0665 1 40	1	$115.00	$230.00	2.000	EA	N	PEDESTRIAN DETECTOR, RELOCATE
0665 1 60	6	$211.14	$17,313.48	82.000	EA	N	PEDESTRIAN DETECTOR, REMOVE
0670 5120	5	$25,243.83	$302,926.00	12.000	AS	N	TRAF CNTL ASSEM, F&I, 170
0670 5121	1	$25,000.00	$25,000.00	1.000	AS	N	TRAF CNTL ASSEM, F&I, 170,1PREEM PLAN
0670 5400	15	$1,889.99	$147,418.92	78.000	AS	N	TRAF CNTL ASSEM, MODIFY
0670 5600	3	$1,585.36	$17,438.99	11.000	AS	N	TRAF CNTL ASSEM, REMOVE

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0685161	3	$2,234.57	$24,580.32	11.000	EA	N	SYS AUX, F&I, MODEM
0700 1 11	21	$361.07	$475,893.12	1,318.000	AS	N	SINGLE POST SIGN, F&I GM, <12 SF
0700 1 12	17	$1,045.27	$216,370.86	207.000	AS	N	SINGLE POST SIGN, F&I GM, 12-20 SF
0700 1 13	7	$1,288.71	$19,330.70	15.000	AS	N	SINGLE POST SIGN, F&I GM, 21-30 SF
0700 1 21	1	$1,605.31	$1,605.31	1.000	AS	N	SINGLE POST SIGN, F&I BARR MT, LT 12 SF
0700 1 31	2	$982.50	$9,825.00	10.000	AS	N	SINGLE POST SIGN, F&I BRG MNT, <12 SF
0700 1 50	9	$306.70	$12,574.56	41.000	AS	N	SINGLE POST SIGN, RELOCATE
0700 1 60	21	$26.63	$27,855.30	1,046.000	AS	N	SINGLE POST SIGN, REMOVE
0700 2 12	3	$3,247.58	$19,485.48	6.000	AS	N	MULTI- POST SIGN, F&I GM, 12-20 SF
0700 2 13	1	$3,774.96	$11,324.88	3.000	AS	N	MULTI- POST SIGN, F&I GM, 21-30 SF
0700 2 14	5	$4,408.51	$52,902.11	12.000	AS	N	MULTI- POST SIGN, F&I GM, 31-50 SF
0700 2 50	3	$3,644.53	$14,578.13	4.000	AS	N	MULTI- POST SIGN, RELOCATE
0700 2 60	9	$493.66	$18,759.05	38.000	AS	N	MULTI- POST SIGN, REMOVE
0700 3101	6	$247.50	$5,939.88	24.000	EA	N	SIGN PANEL, F&I GM, UP TO 12 SF
0700 3201	11	$636.51	$32,461.99	51.000	EA	N	SIGN PANEL, F&I OM, UP TO 12 SF
0700 3202	1	$1,000.00	$4,000.00	4.000	EA	N	SIGN PANEL, F&I OM, 12-20 SF
0700 3204	1	$960.00	$1,920.00	2.000	EA	N	SIGN PANEL, F&I OM, 31-50 SF
0700 3205	1	$3,112.83	$3,112.83	1.000	EA	N	SIGN PANEL, F&I OM, 51-100 SF
0700 3206	1	$5,503.04	$5,503.04	1.000	EA	N	SIGN PANEL, F&I OM, 101-200 SF
0700 3501	4	$101.39	$20,684.28	204.000	EA	N	SIGN PANEL, RELOCATE, UP TO 12 SF
0700 3601	15	$53.35	$7,788.92	146.000	EA	N	SIGN PANEL, REMOVE, UP TO 12 SF
0700 3602	1	$200.00	$800.00	4.000	EA	N	SIGN PANEL, REMOVE, 12-20 SF
0700 3604	1	$100.00	$200.00	2.000	EA	N	SIGN PANEL, REMOVE, 31-50 SF
0700 4114	1	$68,926.89	$68,926.89	1.000	EA	N	OH STATIC SIGN STR, F&I, C 41-50 FT
0700 5 21	3	$2,896.29	$46,340.70	16.000	EA	N	INTERNAL ILLUM SIGN, F&I OM, UP TO 12 SF
0700 5 22	3	$3,229.59	$138,872.30	43.000	EA	N	INTERNAL ILLUM SIGN, F&I OM, 12-18 SF
0700 5 50	5	$1,061.44	$21,228.79	20.000	EA	N	INTERNAL ILLUM SIGN, RELOCATE
0700 5 60	1	$305.19	$610.38	2.000	EA	N	INTERNAL ILLUM SIGN, REMOVE
0700 11261	1	$10,230.23	$112,532.53	11.000	AS	N	ELECT DISP SIGN, F&I GM- SO, SPEED FEEDB
0700 11600	1	$333.57	$333.57	1.000	AS	N	ELECT DISP SIGN, REMOVE- GROUND MOUNT
0700 12 12	1	$4,397.75	$13,193.25	3.000	AS	N	SIGN BEACON, F&I GM- AC, TWO BEACONS
0700 12 22	2	$2,505.89	$37,588.31	15.000	AS	N	SIGN BEACON, F&I GM- SOLAR, TWO BEACONS
0700 12 60	1	$404.94	$404.94	1.000	AS	N	SIGN BEACON, REMOVE BEACON- SIGN TO REMA
0705 10 1	5	$155.36	$5,748.29	37.000	EA	N	OBJECT MARKER, TYPE 1
0705 10 3	2	$120.02	$360.06	3.000	EA	N	OBJECT MARKER, TYPE 3
0705 11 2	1	$48.81	$976.20	20.000	EA	N	DELINEATOR, NON-FLEXIBLE
0705 11 4	3	$20.98	$715,815.35	34,119.000	EA	N	DELINEATOR, FLEX HIGH PERFORMANCE 48"
0705 11 5	3	$5.87	$156,078.43	26,585.000	EA	N	DELINEATOR, FLEX HIGH PERFORMANCE 36"
0706 3	22	$3.38	$142,035.08	41,992.000	EA	N	RETRO-REFLECTIVE PAVEMENT MARKERS
0709 11131	1	$10,000.00	$1,820.00	.182	GM	N	TRAF STRIPE-2 RE COMP,STD,WHITE,SKIP,6"

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0710 11123	16	$.55	$68,653.68	125,328.000	LF	N	PAINTED PAVT MARK,STD,WHITE,SOLID, 12"
0710 11124	19	$1.13	$24,366.57	21,640.000	LF	N	PAINTED PAVT MARK,STD,WHITE,SOLID, 18"
0710 11125	19	$.96	$52,471.52	54,726.000	LF	N	PAINTED PAVT MARK,STD,WHITE,SOLID,24"
0710 11131	20	$350.71	$58,982.86	168.182	GM	N	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"
0710 11133	2	$737.46	$133.48	.181	GM	N	PAINTED PVMT MARK, STD, WHITE, SKIP, 12"
0710 11160	16	$33.34	$30,605.69	918.000	EA	N	PAINTED PAVT MARK,STD,WHITE, MESSAGE
0710 11170	20	$21.61	$53,412.68	2,472.000	EA	N	PAINTED PAVT MARK,STD,WHITE, ARROWS
0710 11224	17	$.86	$15,032.63	17,460.000	LF	N	PAINTED PAVT MARK,STD,YELLOW,SOLID,18"
0710 11231	6	$363.94	$5,439.38	14.946	GM	N	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"
0710 11290	12	$2.19	$4,815.55	2,196.700	SF	N	PAINTED PAVT MARK,STD,YELLOW,ISLAND NOSE
0710 11331	2	$550.94	$1,527.20	2.772	GM	N	PAINTED PAVT MARK,STD,BLACK,SKIP,6"
0711 11123	16	$1.79	$125,984.72	70,274.000	LF	N	THERMOPLASTIC, STD, WHITE, SOLID, 12"
0711 11124	19	$2.75	$39,321.08	14,297.000	LF	N	THERMOPLASTIC, STD, WHITE, SOLID, 18"
0711 11125	20	$3.42	$87,383.37	25,577.000	LF	N	THERMOPLASTIC, STD, WHITE, SOLID, 24"
0711 11160	16	$143.56	$51,826.49	361.000	EA	N	THERMOPLASTIC, STD, WHITE, MESSAGE
0711 11170	21	$57.19	$71,606.41	1,252.000	EA	N	THERMOPLASTIC, STD, WHITE, ARROW
0711 11224	18	$2.75	$26,899.13	9,766.000	LF	N	THERMOPLASTIC, STD, YELLOW, SOLID, 18"
0711 14123	4	$11.52	$19,996.72	1,736.000	LF	N	THERMOPLASTIC, PREFORM, WHITE, SOLID,12"
0711 14124	1	$14.82	$2,815.80	190.000	LF	N	THERMOPLASTIC, PREFORM, WHITE, SOLID,18"
0711 14125	6	$18.68	$63,601.84	3,404.000	LF	N	THERMOPLASTIC, PREFORM, WHITE, SOLID,24"
0711 14160	14	$261.14	$153,290.97	587.000	EA	N	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE
0711 14170	11	$167.60	$45,084.48	269.000	EA	N	THERMOPLASTIC, PREFORMED, WHITE, ARROWS
0711 14560	1	$1,350.00	$4,050.00	3.000	EA	N	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE
0711 15131	3	$1,279.52	$79,900.98	62.446	GM	N	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"
0711 16131	18	$1,320.46	$78,981.90	59.814	GM	N	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"
0711 16133	2	$2,455.25	$444.40	.181	GM	N	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 12"
0711 16231	8	$1,084.43	$28,036.89	25.854	GM	N	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"
0711 17	4	$2.27	$14,641.00	6,460.000	SF	N	THERMOPLASTIC, REMOVE
0713107	1	$2.00	$108.00	54.000	SF	N	PREFORMED/PERMANENT TAPE, REMOVE
0715 1 12	12	$1.30	$937,736.20	721,210.000	LF	N	LIGHTING CONDUCTORS, F&I, INSUL,NO.8-6
0715 1 13	7	$2.75	$39,356.55	14,333.000	LF	N	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2
0715 1 14	1	$2.49	$433.26	174.000	LF	N	LIGHTING CONDUCTORS, F&I, INSUL, NO.1-0
0715 1 15	2	$4.36	$15,197.22	3,489.000	LF	N	LIGHTING CONDUCTORS, F&I,NO.1/0-3/0
0715 1 16	1	$6.35	$31,686.50	4,990.000	LF	N	LIGHTING CONDUCTORS, F&I,NO.4/0 OR LAR
0715 1 60	6	$.31	$25,312.88	80,441.000	LF	N	LIGHTING CONDUCTORS,R&D, CONT OWNS
0715 4013	1	$7,567.38	$1,823,738.58	241.000	EA	N	LIGHT POLE COMP, F&I SP FND, WS150, 50'
0715 4111	2	$5,642.30	$39,496.10	7.000	EA	N	LIGHT POLE COMP, F&I, WS150, 40'
0715 4112	2	$4,498.07	$616,236.08	137.000	EA	N	LIGHT POLE COMP, F&I, WS150, 45'
0715 4113	4	$5,727.94	$1,815,756.94	317.000	EA	N	LIGHT POLE COMP, F&I, WS150, 50'
0715 4119	1	$4,026.49	$4,026.49	1.000	EA	N	LIGHT POLE COMP, F&I, WS150,CUSTOM HT

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0715 4400	1	$1,667.59	$1,667.59	1.000	EA	N	LIGHT POLE COMPLETE, RELOCATE
0715 4600	4	$814.48	$131,131.30	161.000	EA	N	LIGHT POLE COMP, REMOVE
0715 5 50	1	$121.48	$485.92	4.000	EA	N	LUMINAIRE & BRACKET ARM, REMOVE
0715 7 11	7	$10,323.30	$227,112.68	22.000	EA	N	LOAD CENTER, F&I, SECONDARY VOLTAGE
0715 7 21	1	$2,866.05	$5,732.10	2.000	EA	N	LOAD CENTER, REWORK, SECONDARY VOLTAGE
0715 7 41	2	$545.04	$1,090.07	2.000	EA	N	LOAD CENTER, REMOVE, SECONDARY VOLTAGE
0715500 1	11	$1,625.77	$1,346,141.29	828.000	EA	N	POLE CABLE DIST SYS, CONVENTIONAL
0715500 3	2	$296.86	$11,577.36	39.000	EA	N	POLE CABLE DISTRIBUTION SYS, WALL MOUNT
0715511130	1	$7,250.00	$58,000.00	8.000	EA	N	LI/PL COMP- SP,F&I, SGLARM-SD MT-AL,30'
0715511150	1	$5,500.00	$627,000.00	114.000	EA	N	LIGHT POLE SP D, F&I, SGL ARM SM, AL,50'
0715513150	1	$3,561.84	$10,685.52	3.000	EA	N	LIGHT POLE COMP, F&I, SGL ARM WM, AL,50'
0715515140	1	$4,001.79	$120,053.70	30.000	EA	N	LI/PL COMP,F&I, SGLARM BR MNT, ALUM, 40'
0715515150	1	$3,646.55	$3,646.55	1.000	EA	N	LI/PL COMP,F&I, SGLARM BR MNT, ALUM, 50'
0715540000	1	$1,750.00	$7,000.00	4.000	EA	N	LIGHT POLE COMP-SPECIAL, RELOCATE
0715550000	1	$303.70	$9,111.00	30.000	EA	N	LIGHT POLE COMP,SP DESIGN- REMOVE
0741 1 11	5	$1,429.31	$82,900.06	58.000	EA	N	TMS VEH SNSR-NON-WEIGHT, F&I, TYPE 1 IN
0745 70 12	5	$1,416.79	$82,173.76	58.000	AS	N	TMS INDUCTIVE LOOP ASM, F&I, 2 LOOPS/LN
0746 71112	2	$3,464.76	$13,859.02	4.000	EA	N	TMS CAB, F&I,TYP III,BSE MNT,2 BACKPLANE
0746 71131	2	$36,946.00	$73,891.99	2.000	EA	N	TMS CAB, F&I,TYP III,PED MNT,1 BACKPLANE
0746 71132	1	$4,000.00	$4,000.00	1.000	EA	N	TMS CAB, F&I,TYP III,PED MNT,2 BACKPLANE
0999 16	5	$15,000.00	$75,000.00	5.000	LS	N	PARTNERING, DO NOT BID
0999 20 1	5	$3,300.00	$330,000.00	100.000	DA	N	DISPUTES REVIEW BD, MEETING- DO NOT BID
0999 20 2	5	$4,000.00	$40,000.00	10.000	EA	N	DISPUTES REVIEW BD, HEARING- DO NOT BID
0999 25	22	$46,086.03	$2,350,387.38	51.000	LS	N	INITIAL CONTINGENCY AMOUNT, DO NOT BID
1050 11212	1	$16.24	$132,193.60	8,140.000	LF	N	UTILITY PIPE, F&I,PVC,CASING/COND,2-4.9"
1050 11223	1	$59.76	$193,084.56	3,231.000	LF	N	UTILITY PIPE, F&I,PVC,WATER/SEWER,5-7.9"
1050 11224	1	$70.09	$399,232.64	5,696.000	LF	N	UTILITY PIPE, F&I,PVC,WATER/SEWER,8-19.9
1050 11321	1	$6.76	$55,026.40	8,140.000	LF	N	UTILITY PIPE, F&I,PE,WATER/SEWER,0-1.9"
1050 11422	1	$137.64	$17,893.20	130.000	LF	N	UTILITY PIPE, F&I,DI/CI,WATER/SEW,2-4.9"
1050 11423	1	$275.77	$178,974.73	649.000	LF	N	UTILITY PIPE, F&I,DI/CI,WATER/SEW,5-7.9"
1050 11424	1	$85.89	$1,168,877.01	13,609.000	LF	N	UTILITY PIPE, F&I,DI/CI,WATER/SEW,8-19.9
1050 11425	1	$149.91	$54,717.15	365.000	LF	N	UTILITY PIPE,F&I,DI/CI,WATER/SEW,20-49.9
1050 13002	2	$6.28	$155,768.00	24,790.000	LF	N	UTILITY PIPE,INSTALL, 2-4.9"
1050 15002	1	$229.76	$22,976.00	100.000	LF	N	UTILITY PIPE, ADJUST/MOD,2-4.9"
1050 15003	1	$131.83	$13,183.00	100.000	LF	N	UTILITY PIPE, ADJUST/MOD,5-7.9"
1050 16001	1	$20.68	$20,266.40	980.000	LF	N	UTILITY PIPE,REMOVE- DISPOSE,0-1.9"
1050 16005	1	$51.78	$9,838.20	190.000	LF	N	UTILITY PIPE,REMOVE & DISPOSE,20-49.9"
1050 18001	1	$2.95	$21,122.00	7,160.000	LF	N	UTILITY PIPE,PLUG & OUT OF SERV,0- 1.9"
1050 18002	1	$10.00	$23,170.00	2,317.000	LF	N	UTILITY PIPE,PLUG & OUT OF SERV,2- 4.9"
1050 18003	1	$15.00	$57,855.00	3,857.000	LF	N	UTILITY PIPE,PLUG & OUT OF SERV,5- 7.9"

Florida Department of Transportation
Item Average Unit Cost
From 2014/10/01 to 2015/09/30

Contract Type: CC AREAS: 13
Displaying: VALID ITEMS WITH HITS
From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
1050 18004	1	$20.00	$382,720.00	19,136.000	LF	N	UTILITY PIPE,PLUG & OUT OF SERV,8-19.9"
1050 18005	1	$34.28	$26,498.44	773.000	LF	N	UTILITY PIPE,PLUG & OUT OF SERV,20-49.9"
1055 11224	1	$324.76	$10,717.08	33.000	EA	N	UTILITY FITTING, F&I,PVC,TEE,8.0-19.9"
1055 11254	1	$239.08	$3,586.20	15.000	EA	N	UTILITY FITTNG, F&I,PVC,CAP/PLG,8-19.9"
1055 11264	1	$324.76	$20,784.64	64.000	EA	N	UTILITY FITTNG, F&I,PVC,Y FITTIN,8-19.9"
1055 11414	1	$1,100.00	$191,400.00	174.000	EA	N	UTILITY FITTING,F&I,DI/CI,ELBOW, 8-19.9"
1055 11415	1	$2,379.16	$4,758.32	2.000	EA	N	UTILITY FITTING,F&I,DI/CI,ELBOW,20-49.9"
1055 11424	1	$1,606.92	$162,298.92	101.000	EA	N	UTILITY FITTNG, F&I, DI/CI, TEE, 8-19.9"
1055 11425	1	$3,362.27	$30,260.43	9.000	EA	N	UTILITY FITTING,F&I,DI/CI,TEE,20-49.9"
1055 11434	1	$892.65	$4,463.25	5.000	EA	N	UTILITY FITTNG,F&I,DI/CI,REDUCER,8-19.9"
1055 11435	1	$1,773.11	$3,546.22	2.000	EA	N	UTILITY FITTING,F&I,DI/CI,REDU,20-49.9"
1055 11454	1	$592.67	$28,448.16	48.000	EA	N	UTILITY FITTNG,F&I,DI/CI,CAP/PLG,8-19.9"
1055 11455	1	$1,375.63	$8,253.78	6.000	EA	N	UTILITY FITTING,F&I,DI/CI,CAP,20-49.9"
1055 11494	1	$2,841.01	$22,728.08	8.000	EA	N	UTILITY FITTINGS,F&I,DI/CI,SPEC,8-19.9"
1060 11211	1	$3,263.75	$55,483.75	17.000	EA	N	UTIL STRCT,BLW GRN,F&I,WTR/SWR,0-80,0-6'
1060 11212	1	$4,131.64	$4,131.64	1.000	EA	N	UTIL STRCT,BLW GRN,F&I,WTR/SWR,0-80,6-12
1060 11222	1	$5,296.40	$116,520.80	22.000	EA	N	UTIL STRCT,BLW GRN,F&I,WTR/SWT,>80,6.1-
1060 11223	1	$16,372.32	$16,372.32	1.000	EA	N	UTIL STRCT,BLW GRN,F&I,WTR/SWT,>80,>12'
1060 13	2	$1,271.61	$39,420.00	31.000	EA	N	UTILITY STR, BELOW GROUND, INSTALL
1060 15	1	$2,657.86	$127,577.28	48.000	EA	N	UTILITY STR,BELOW GROUND,A/M
1060 16	1	$1,240.92	$33,504.84	27.000	EA	N	UTILITY STR,BLW GRN,R&D,CONT OWNS
1060 23 30	2	$936.67	$5,620.00	6.000	EA	N	UTILITY STR-ABOV GRN,INS,1.1-3 CY, W/O
1080 11101	1	$465.59	$64,251.42	138.000	EA	N	UTIL FIXT, F&I, 0-1.9", VALVE/METER BOX
1080 11201	1	$1,240.51	$6,202.55	5.000	EA	N	UTIL FIXT, F&I, 2-4.9", VALVE/METER BOX
1080 11203	1	$1,291.72	$1,291.72	1.000	EA	N	UTIL FIXT,F&I,2-4.9",TAPPNG SADDL/SLEEVE
1080 11204	1	$964.33	$6,750.31	7.000	EA	N	UTIL FIXT, F&I, 2-4.9", VALVE ASSEMBLY
1080 11206	1	$1,042.22	$11,464.42	11.000	EA	N	UTIL FIXT, F&I, 2-4.9", VAC/AIR ASSEMBLY
1080 11207	1	$4,561.57	$4,561.57	1.000	EA	N	UTIL FIXT, F&I, 2-4.9", LINE STOP ASSEM
1080 11303	1	$1,489.45	$10,426.15	7.000	EA	N	UTIL FIXT,F&I,5-7.9",TAPPNG SADDL/SLEEVE
1080 11304	1	$912.41	$48,357.73	53.000	EA	N	UTIL FIXT, F&I, 5-7.9", VALVE ASSEMBLY
1080 11307	1	$4,806.84	$38,454.72	8.000	EA	N	UTIL FIXT, F&I, 5-7.9", LINE STOP ASSEM
1080 11403	1	$6,743.08	$188,806.24	28.000	EA	N	UTIL FIXT,F&I,8-19.9",TAPPNG SADDL/SLEEV
1080 11404	1	$3,109.78	$323,417.12	104.000	EA	N	UTIL FIXT,F&I,8-19.9",VALVE ASSEMBLY
1080 11407	1	$7,289.26	$196,810.02	27.000	EA	N	UTIL FIXT, F&I, 8-19.9", LINE STOP ASSEM
1080 11503	1	$10,185.25	$30,555.75	3.000	EA	N	UTIL FIXT,F&I,20-49.9",TAPPNG SDDLE/SLEV
1080 11504	1	$14,167.15	$85,002.90	6.000	EA	N	UTIL FIXT, F&I, 20-49.9", VALVE ASSEMBLY
1080 11507	1	$17,006.76	$85,033.80	5.000	EA	N	UTIL FIXT,F&I,20-49.9",LINE STOP ASSEM
1080 15	1	$340.66	$45,989.10	135.000	EA	N	UTILITY FIXTURES, ADJUST & MODIFY
1080 17	1	$204.40	$19,826.80	97.000	EA	N	UTILITY FIXTURES,REM,STOCK/SALVAGE
1644111 08	1	$2,797.29	$50,351.22	18.000	EA	N	FIRE HYDRANT,F&I,STD, 1 HOSE, 6"

Florida Department of Transportation
Item Average Unit Cost
From 2014/10/01 to 2015/09/30

Contract Type: CC AREAS: 13
Displaying: VALID ITEMS WITH HITS
From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
1644113 08	1	$2,797.29	$89,513.28	32.000	EA	N	FIRE HYDRANT,F&I,STD,2 HOSE,1PUMP,6"
1644400	1	$510.99	$21,972.57	43.000	EA	N	FIRE HYDRANT, SALVAGE & STORE

Note : Averages and totals are based on the awarded unit price only.
Weighted average is weighted on Quantity at the contract level.

Florida Department of Transportation
Item Average Unit Cost
From 2014/10/01 to 2015/09/30

Contract Type: CC AREAS: 14
Displaying: VALID ITEMS WITH HITS
From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0102 1	1	$920.00	$138,000.00	150.000	DA	N	MAINTENANCE OF TRAFFIC
0102 3	1	$1.00	$500.00	500.000	CY	N	COMMERCIAL MATL FOR TEMP DRIVEWAY MAINT
0102 60	1	$.50	$775.50	1,551.000	ED	N	WORK ZONE SIGN
0102 74 1	1	$.25	$5,626.50	22,506.000	ED	N	CHANNEL DEVICE-TYPS I,II,DI,VP, DRUM, LC
0102 74 2	1	$.50	$213.00	426.000	ED	N	CHANNELIZING DEVICE, TYPE III, 6'
0102 76	1	$6.00	$1,836.00	306.000	ED	N	ARROW BOARD /ADVANCE WARNING ARROW PANEL
0102 77	1	$.50	$288.00	576.000	ED	N	HIGH INTENSITY FLASH LI,TEMP,TYP B
0102 78	1	$3.50	$1,739.50	497.000	EA	N	TEMPORARY RETROREFLECTIVE PAVT MARKER
0102 99	1	$15.00	$6,390.00	426.000	ED	N	PORTABLE CHANGEABLE MESSAGE SIGN,TEMP
0104 10 3	1	$2.00	$6,980.00	3,490.000	LF	N	SEDIMENT BARRIER
0104 18	1	$200.00	$2,000.00	10.000	EA	N	INLET PROTECTION SYSTEM
0107 1	1	$10.00	$183.80	18.380	AC	N	LITTER REMOVAL
0107 2	1	$10.00	$74.90	7.490	AC	N	MOWING
0110 1 1	1	$145,000.00	$145,000.00	1.000	AC	N	CLEARING & GRUBBING
0120 1	1	$25.00	$16,750.00	670.000	CY	N	REGULAR EXCAVATION
0120 6	1	$100.00	$5,600.00	56.000	CY	N	EMBANKMENT
0160 4	1	$.01	$34.32	3,432.000	SY	N	TYPE B STABILIZATION
0285702	1	$15.00	$42,045.00	2,803.000	SY	N	OPTIONAL BASE,BASE GROUP 02
0327 70 1	1	$3.00	$2,670.00	890.000	SY	N	MILLING EXIST ASPH PAVT, 1" AVG DEPTH
0327 70 8	1	$3.00	$68,619.00	22,873.000	SY	N	MILLING EXIST ASPH PAVT,2 1/2" AVG DEPTH
0334 1 13	1	$120.00	$253,128.00	2,109.400	TN	N	SUPERPAVE ASPHALTIC CONC, TRAFFIC C
0337 7 73	1	$150.00	$217,965.00	1,453.100	TN	N	ASPH CONC FC,TRAF C,FC-9.5,PG 76-22, ARB
0339 1	1	$1,000.00	$1,600.00	1.600	TN	N	MISCELLANEOUS ASPHALT PAVEMENT
0425 1541	1	$6,000.00	$48,000.00	8.000	EA	N	INLETS, DT BOT, TYPE D, <10'
0425 1571	1	$10,000.00	$10,000.00	1.000	EA	N	INLETS, DT BOT, TYPE G, <10'
0425 6	1	$750.00	$9,000.00	12.000	EA	N	VALVE BOXES, ADJUST
0430174124	1	$100.00	$33,000.00	330.000	LF	N	PIPE CULV, OPT MATL, ROUND,24"SD
0436 1 1	1	$150.00	$57,600.00	384.000	LF	N	TRENCH DRAIN, STANDARD
0443 70 4	1	$150.00	$59,400.00	396.000	LF	N	FRENCH DRAIN, 24"
0520 1 10	1	$50.00	$2,650.00	53.000	LF	N	CONCRETE CURB & GUTTER, TYPE F
0520 6	1	$40.00	$45,440.00	1,136.000	LF	N	SHOULDER GUTTER- CONCRETE
0570 1 2	1	$5.00	$20,600.00	4,120.000	SY	N	PERFORMANCE TURF, SOD
0630 2 12	1	$20.00	$2,160.00	108.000	LF	N	CONDUIT, F& I, DIRECTIONAL BORE
0635 2 11	1	$520.00	$1,040.00	2.000	EA	N	PULL & SPLICE BOX, F&I, 13" x 24"
0700 1 11	1	$500.00	$8,500.00	17.000	AS	N	SINGLE POST SIGN, F&I GM, <12 SF
0700 1 60	1	$50.00	$1,050.00	21.000	AS	N	SINGLE POST SIGN, REMOVE
0700 3501	1	$150.00	$3,150.00	21.000	EA	N	SIGN PANEL, RELOCATE, UP TO 12 SF
0706 3	1	$3.00	$1,491.00	497.000	EA	N	RETRO-REFLECTIVE PAVEMENT MARKERS
0710 11125	1	$1.10	$2,809.40	2,554.000	LF	N	PAINTED PAVT MARK,STD,WHITE,SOLID,24"
0710 11131	1	$350.00	$1,008.00	2.880	GM	N	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"

Florida Department of Transportation
Item Average Unit Cost
From 2014/10/01 to 2015/09/30

Contract Type: CC AREAS: 14
Displaying: VALID ITEMS WITH HITS
From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0710 11160	1	$35.00	$140.00	4.000	EA	N	PAINTED PAVT MARK,STD,WHITE, MESSAGE
0710 11170	1	$25.00	$150.00	6.000	EA	N	PAINTED PAVT MARK,STD,WHITE, ARROWS
0710 11224	1	$.90	$498.60	554.000	LF	N	PAINTED PAVT MARK,STD,YELLOW,SOLID,18"
0711 11125	1	$3.15	$623.70	198.000	LF	N	THERMOPLASTIC, STD, WHITE, SOLID, 24"
0711 11160	1	$100.00	$200.00	2.000	EA	N	THERMOPLASTIC, STD, WHITE, MESSAGE
0711 11170	1	$50.00	$150.00	3.000	EA	N	THERMOPLASTIC, STD, WHITE, ARROW
0711 11224	1	$2.50	$692.50	277.000	LF	N	THERMOPLASTIC, STD, YELLOW, SOLID, 18"
0711 14125	1	$18.00	$20,502.00	1,139.000	LF	N	THERMOPLASTIC, PREFORM, WHITE, SOLID,24"
0711 14160	1	$160.00	$2,720.00	17.000	EA	N	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE
0711 14170	1	$150.00	$2,550.00	17.000	EA	N	THERMOPLASTIC, PREFORMED, WHITE, ARROWS
0711 16131	1	$1,350.00	$1,944.00	1.440	GM	N	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"
0741 1 11	1	$1,380.00	$5,520.00	4.000	EA	N	TMS VEH SNSR-NON-WEIGHT, F&I, TYPE 1 IN
0745 70 12	1	$1,480.00	$5,920.00	4.000	AS	N	TMS INDUCTIVE LOOP ASM, F&I, 2 LOOPS/LN
0746 71132	1	$5,400.00	$5,400.00	1.000	EA	N	TMS CAB, F&I,TYP III,PED MNT,2 BACKPLANE
0999 25	1	$25,210.00	$50,420.00	2.000	LS	N	INITIAL CONTINGENCY AMOUNT, DO NOT BID

Note : Averages and totals are based on the awarded unit price only.
Weighted average is weighted on Quantity at the contract level.

Tabulation Sheet

Agency Name Village of Key Biscayne

Bid Number RFQ-2025-13 RFQ-0-2025/dj

Bid Name Zone 1 Alternative Stormwater Modeling and Planning

Bid Due Date 07/25/2025 11:30:00 Eastern

Bid Opening **Closed**

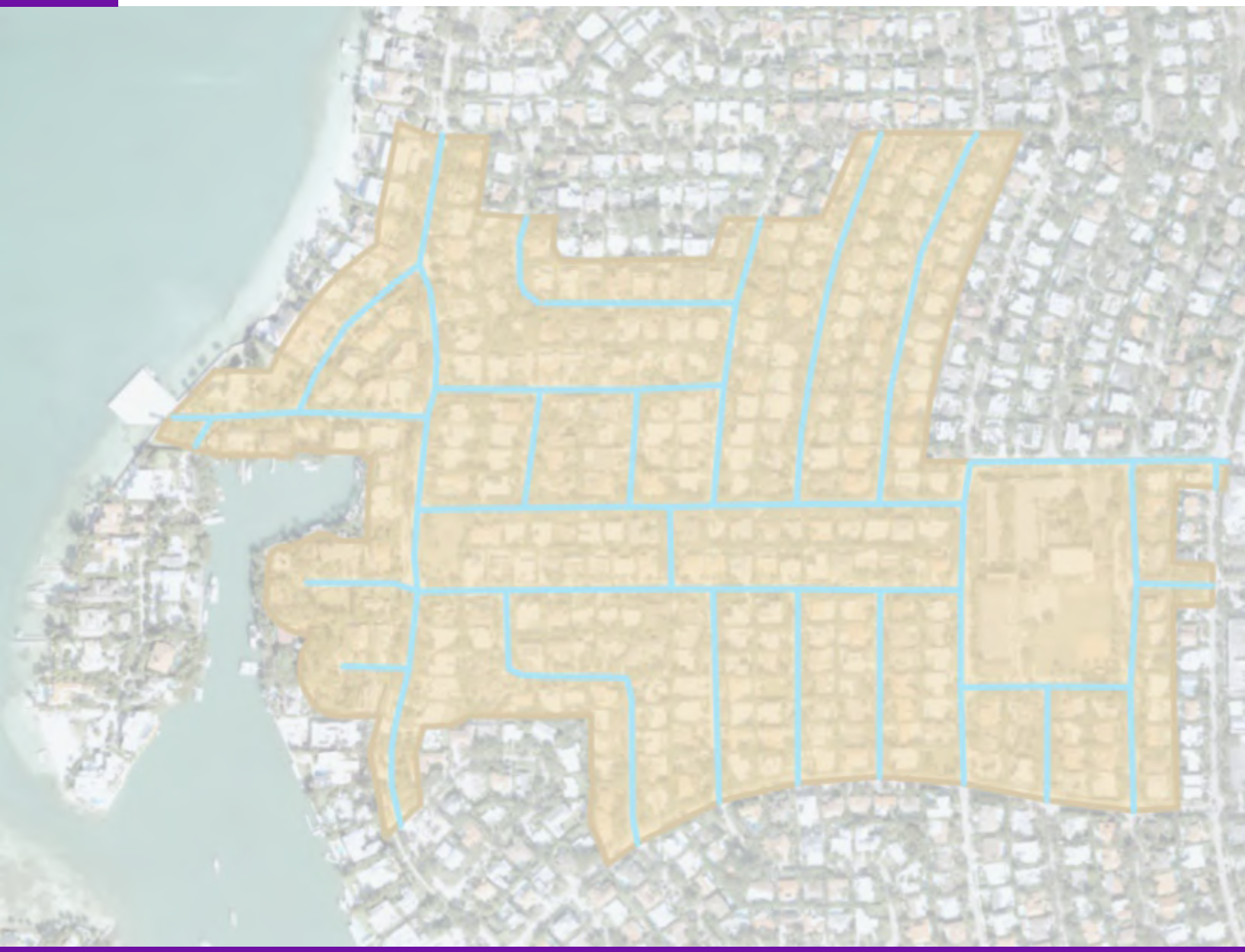
3 responses found.

✓ online, offline, ● not submitting, ! not received

	Company	Responded	Address	Bid Amount	Alt Bid Amount	Declared Attributes	Documents	Sent
Complete								
1 .	CES Consultants, Inc.	07/25/2025 11:12:56 Eastern	3150 SW 38th Avenue, Suite 450, Miami, FL, 33146	$0.0000	0.0000	Hispanic Owned, Small Business	Bid Document	✓
2 .	EAC Consulting, Inc.	07/25/2025 10:44:39 Eastern	5959 Waterford District Drive, Suite 410, Miami, FL, 33126	$0.0000	0.0000	African American Owned	Bid Document	✓
3 .	GIT Consulting LLC	07/25/2025 08:01:51 Eastern	701 Brickell Avenue, Suite 1550, Miami, FL, 33131	$0.0000	0.0000		Bid Document	✓

RFQ#2025-13
ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING

July 25, 2025



Prime Consultant:

GIT Consulting, LLC
701 Brickell Avenue, Ste 1550
Miami, Florida 33131
305.632.9386

Sub-Consultants:

Chen Moore and Associates, Inc.

2470

July 24, 2025

Village of Key Biscayne – Procurement Division
88 West McIntyre Street
Key Biscayne, FL 33149

Attn: Selection Committee – RFQ #2025-13 (Zone 1 Alternative Stormwater Modeling and Planning)

Dear Selection Committee:

GIT Consulting LLC, as the Prime Consultant, in collaboration with Chen Moore & Associates as Subconsultant, is pleased to submit this proposal for the *Zone 1 Alternative Stormwater Modeling and Planning* project. Our team welcomes the opportunity to support the Village of Key Biscayne in advancing a technically robust, resilient, and economically feasible stormwater strategy tailored to the distinct hydrologic and infrastructural conditions of Zone 1.

We bring a comprehensive understanding of the Village's drainage challenges, particularly those affecting the K-8 School area and adjacent neighborhoods. Our proposed approach incorporates decentralized stormwater infrastructure that includes localized pump stations, drainage injection wells, and short gravity pipelines. This configuration serves as a scalable and phased alternative to previously proposed centralized systems. It facilitates improved constructability, enhanced adaptability, and cost-efficient implementation aligned with the Village's long-term planning objectives.

GIT Consulting LLC is a Miami-based civil and water resources engineering firm specializing in hydrologic and hydraulic modeling, stormwater master planning, and climate adaptation infrastructure. Our team participated in the development of the original stormwater models and planning for the Village under the 2015 EAC and 2024 AECOM engagements, providing us with institutional knowledge and modeling continuity.

Chen Moore & Associates, established in 1986, is a multidisciplinary engineering firm with a strong portfolio in stormwater system design and regulatory coordination throughout South Florida. CMA will serve in a QA/QC and advisory role, contributing design review and permitting expertise. Their scope is expected to comprise approximately 25 percent of the overall effort, allowing their expertise to be integrated efficiently and strategically.

This assignment represents a continuation of the Village's long-range drainage planning framework that GIT helped establish nearly a decade ago. By combining institutional model familiarity with modular infrastructure planning expertise, our team is uniquely positioned to deliver accurate, resilient, and implementable solutions. This proposal outlines a

targeted work plan to update the Village's stormwater model, evaluate and design decentralized infrastructure alternatives, and support decision-making through technical risk assessment, community engagement, and long-term capital improvement planning.

Thank you for your consideration. We look forward to continuing our collaboration with the Village of Key Biscayne and contributing to the advancement of its stormwater resiliency and flood mitigation program. Please feel free to contact us with any questions or requests for additional information.

Sincerely,



Georgio Tachiev, PhD, PE
Principal-in-Charge, GIT Consulting LLC
701 Brickell Ave., Suite 1550, Miami, FL 33131
(305) 632-9386 | georgio@gitconsulting.net

(On behalf of GIT Consulting LLC, Prime Consultant, and Chen Moore & Associates, - Subconsultants)

Tab A: Representations and Certifications

SECTION 6. FORMS, AFFIDAVITS, AND ATTACHMENTS

FORM 1
RESPONSE CHECKLIST

- ☒ Form 1: Response Checklist
- ☒ Form 2: Addendum Acknowledgment
- ☒ Form 3: Certificate of Authority (Complete one of the two forms as applicable)
  - Form 3A: Certificate of Authority (for Corporations or Partnerships)
  - Form 3B: Certificate of Authority (for Individuals)
- ☒ Form 4: Proposer's Statement of Organization
- ☒ Form 5: References
- ☒ Form 6: Affidavits
  - Form 6A: Single Execution Affidavits
  - Form 6B: Independence Affidavit
  - Form 6C: Non-Collusion Affidavit
- ☒ Form 7: Drug Free Workplace
- ☒ Form 8: Certification to Accuracy of Proposal
- ☒ Form 9: Scrutinized Companies
- ☒ Form 10: Public Entity Crimes
- ☒ Form 11: Dispute Disclosure
- ☒ Form 12: List of Proposed Subcontractors
- ☒ Form 16: Insurance and License Certificates

ATTACHMENTS

- ☒ A: Sample Contract
- ☒ B: Certificate of Insurance

FORM 2

ADDENDUM ACKNOWLEDGEMENT

Solicitation Title:
ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING
Solicitation No.:
RFQ # 2025-13

Listed below are the dates of issue for each Addendum received in connection with this Solicitation:

Addendum No. 1, Dated 7/10/2025
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____
Addendum No. _____, Dated _____

☐ No Addendum issued for this Solicitation

Firm's Name: GIT Consulting LLC

Authorized Representative's Name: Georgio Tachiev, PhD, PE

Title: President

Email: georgio@gitconsulting.net

Address: 701 Brickell Ave., Suite 1550, Miami, FL 33131

Phone Number: (305) 632-9386

Authorized Signature: _____

FORM 3A

CERTIFICATE OF AUTHORITY

(If Corporation)

I HEREBY CERTIFY that a meeting of the [circle one] Board of Directors/ Partners of GIT Consulting LLC

_____ a business existing under the laws of the State of Florida, (the "Entity") held on July 7th, 2025, the following resolution was duly passed and adopted:

"RESOLVED, that, Georgio Tachiev, PhD, PE, as President of the Entity, be and is hereby authorized to execute this Proposal dated July 7th, 2025, on behalf of the Entity and submit this Proposal to the Village of Key Biscayne, and this Entity and the execution of this Certificate of Authority, attested to by the Secretary of the Corporation, and with the Entity's Seal affixed, will be the official act and deed of this Entity."

I FURTHER CERTIFY that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Entity this 7th day of July, 2025.

Secretary: _____ President: _____

Print Name: Ivan Tachiev Print Name: Georgio Tachiev, PhD, PE

(Seal)

FORM 4

PROPOSER'S STATEMENT OF ORGANIZATION

1. Full Name of Proposer:
   GIT Consulting LLC

2. Principal Business Address, Phone and Email Address:

   Address: 701 Brickell Ave, Suite 1550, Miami, FL 33131

   Phone: 305-632-9386

   Email Address: georgio@gitconsulting.net

3. Principal Contact Person(s):
   Georgio Tachiev PE, PHD

4. Form of Proposer (Corporation, Partnership, Joint Venture, Other):
   Corporation

   A. If a corporation, in what state incorporated: Florida

   B. Date Incorporated: Septermber 28, 2007

   C. Federal ID Number (EIN) 65-1319891

   D. If a joint Venture or Partnership, date of Agreement: _____

   E. Name and address of all partners (state whether general or limited partnership): _____

   F. If other than a corporation or partnership describe, organization and name of principals. _____

5. Provide names of principals or officers as appropriate and provide proof of the ability of the individuals so named to legally bind proposer.

Name	Title
Georgio Tachiev PE, PHD	

6. Indicate the number of years' proposer has had current continual successful experience performing work of a similar scope relevant to this RFQ Agreement. 18

7. List all entities participating in this Agreement (including subcontractors if applicable):

	Name	Address	Title
A.	GIT Consulting LLC	701 Brickell Ave, Suite 1550, Miami, FL 33131	Prime Consultant
B.	Chen Moore Associates	500 West Cypress Creek Road, Suite 600 Fort Lauderdale, FL, 33309	Subconsultant
C.			

D. _____

8. Outline specific areas of responsibility for each entity listed in Question 7.
   A. GIT Consulting LLC - Prime Consultant
   B. Chen Moore & Associates - QA/QC & Advisory
   C. _____
   D. _____

9. County or municipal business tax receipt number (attach copies):
   County: Miami-Dade County
   Municipal: City of Miami

10. What is the last project of this nature you completed?
    SFWMD - Flood Protection Level of Service, Mitigation Strategies and Cost Estimates
    Upper Kissimmee Basin Watersheds Projects, Florida - Completed April 2025

11. Have you made a site visit? Yes Yes, _____ No

12. How soon after the award can you begin work? 30 days Days.

13. List any licenses, permits or certifications, etc., you hold for performing this type of work.
    Florida Engineering Registry - Lic No: 35526, Miami-Dade County Technical Certifications, Florida Board of Professional Engineers, Georgio Tachiev Lic No: 67520, Miami Dade County A/E Prequalification, Miami-Dade Occupational Lic #EB29324, Miami-Dade Coounty SBE-G&S and SBE-A&E, SFWMD - Professional Engineering and Consulting Services

14. How did you hear about the RFQ? Indicate if it was via the Village's website, internet search, DemandStar, newspapers, email, etc. The Village of Key Biscayne is always looking for ways to improve its services. Demandstar

15. Have you ever failed to complete any work awarded to you?
    Yes _____ No X **If yes, attach a separate sheet of explanation.**

16. Within the last five years, has any officer or partner of your organization ever been an officer or partner of another organization that failed to complete an Agreement?
    Yes _____ No X **If yes, attach a separate sheet of explanation.**

17. Within the last five years, have you ever had a performance, payment or bid bond called?
    Yes _____ No X **If yes, attach a separate sheet of explanation.**

18. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the Village?
    Yes _____ No X **If yes, attach a separate sheet of explanation.**

19. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or

arbitration against any other Florida public entity?
Yes _____ No _X_ **If yes, attach a separate sheet of explanation.**

20. Within the last five years, have you, any officer or partner of your organization, or the organization or parent company or its subsidiaries been involved in any litigation or arbitration against any private entity for an amount greater than $100,000?
Yes _____ No _X_ **If yes, attach a separate sheet of explanation.**

21. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been charged or indicted for any criminal activity within the last five years?
Yes _____ No _X_ **If yes, attach a separate sheet of explanation.**

22. Has your organization or any of its partners, officers, or key personnel, or its subsidiaries or parent company been convicted and/or fined for any criminal activity within the last five years?
Yes _____ No _X_ **If yes, attach a separate sheet of explanation.**

23. Within the last five years, have you, any officer or partner of your organization, or the organization been investigated by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office?
Yes _____ No _X_ **If yes, attach a separate sheet of explanation.**

24. Within the last five years, have you, any officer or partner of your organization, or the organization communicated with any local, state, or federal law enforcement agency, criminal justice agency or inspector general office relating to goods or services provided or performed for any governmental entity?
Yes _____ No _X_ **If yes, attach a separate sheet of explanation.**

25. Within the last five years, have there been any reports or audits relating to you, any office or partner of your organization, or the organization issued by any local, state, or federal law enforcement agency, criminal justice agency or inspector general office.
Yes _____ No _X_ **If yes, attach a separate sheet of explanation.**

26. Within the last five years, have you, any officer or partner of your organization, or the organization failed to disclose or made misrepresentations to any governmental entity regarding conflicts of interest or potential or apparent conflicts of interest.
Yes ___ **No** _X_ **If yes, attach a separate sheet of explanation.**

Signature (Blue ink only)

Georgio Tachiev, PhD, PE

Print Name

President

Title

7/22/2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 22nd day of July, 2025

by Georgio Tachiev, PhD, PE as President
(Name of person acknowledging) *(Title)*

for GIT Consulting LLC.
(Company name)

Personally known to me ____ or has produced Identification X, type of identification produced FL DL.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

vicente Cordova

PRINT, TYPE/STAMP NAME OF NOTARY

VICENTE CORDOVA
Notary Public - State of Florida
Commission # HH 440844
My Comm. Expires Sep 5, 2027
Bonded through National Notary Assn.

FORM 5

CLIENT REFERENCES

PRINT CLEARLY

REFERENCE #1

Name of Company: Division of Environmental Resources Management
Reference Contact Name: Elius F. Nortelus, MSCE, P.E.
Contact Title: Senior Professional Engineer
Contact Email: elius.nortelus@miamidade.gov
Contract Start Date: 2017 **Contract End Date:** active

REFERENCE #2

Name of Company: Division of Environmental Resources Management
Reference Contact Name: Amy Cook
Contact Title: Project Manager, Engineer III
Contact Email: Amy.Cook@miamidade.gov
Contract Start Date: 2023 **Contract End Date:** 2024

REFERENCE #3

Name of Company: South Florida Water Management District
Reference Contact Name: Francisco Pena, Ph.D., CFM
Contact Title: Resiliency Project Manager
Contact Email: fpena@sfwmd.gov
Contract Start Date: 2024 **Contract End Date:** 2025

REFERENCE #4

Name of Company: City of Homestead
Reference Contact Name: Cairo Cangas, P.E.
Contact Title: Director, Public Works & Engineering
Contact Email: CCangas@homesteadfl.gov
Contract Start Date: 2024 **Contract End Date:** 2024

REFERENCE #5

Name of Company: City of Aventura
Reference Contact Name: Jake Ozyman, PE, PMP
Contact Title: Public Works & Transportation Director
Contact Email: OzymanJ@cityofaventura.com
Contract Start Date: 2024 **Contract End Date:** active

FORM 6A

SINGLE EXECUTION AFFIDAVITS

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

THIS FORM COMBINES SEVERAL AFFIDAVIT STATEMENTS TO BE SWORN TO BY THE PROPOSER OR BIDDER AND NOTARIZED BELOW. IN THE EVENT THE PROPOSER OR BIDDER CANNOT SWEAR TO ANY OF THESE AFFIDAVIT STATEMENTS, THE PROPOSER OR BIDDER IS DEEMED TO BE NON-RESPONSIBLE AND IS NOT ELIGIBLE TO SUBMIT A PROPOSAL/BID.

THESE SINGLE EXECUTION AFFIDAVITS ARE SUBMITTED TO THE VILLAGE OF KEY BISCAYNE AND ARE STATEMENTS MADE:

By: Georgio Tachiev, PhD, PE

For (Name of Proposing or Bidding Entity): GIT Consulting LLC

Whose business address is: 701 Brickell Ave., Suite 1550, Miami, FL 33131

And (if applicable) its Federal Employer Identification Number (FEIN) is: 65-1319891

(if the entity does not have an FEIN, include the Social Security Number of the individual signing this sworn statement. SS#:)

Americans with Disabilities Act Compliance Affidavit

The above-named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third-party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

- The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.
- The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:
- The Rehabilitation Act of 1973, 229 USC Section 794;
- The Federal Transit Act, as amended 49 USC Section 1612;
- The Fair Housing Act as amended 42 USC Section 3601-3631.

GIT

Proposer Initials

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Public Entity Crimes Affidavit

I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, and partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement.

(INDICATE WHICH STATEMENT APPLIES.)

[X] Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives partners, shareholders, employees, members, or agents who are active in the management of the entity,

or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

[ ] The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph 1 above is for that public entity only and that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes for category two of any change in the information contained in this form.

GIT

Proposer Initials

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No Conflict of Interest or Contingent Fee Affidavit

Proposer warrants that neither it nor any principal, employee, agent, representative nor family member has paid or will pay any fee or consideration that is contingent on the award or execution of a contract arising out of this solicitation. Proposer also warrants that neither it nor any principal, employee, agent, representative nor family member has procured or attempted to procure this contract in violation of any of the provisions of the Miami-Dade County conflict of interest or code of ethics ordinances. Further, Proposer acknowledges that any violation of these warrants will result in the termination of the contract and forfeiture of funds paid or to be paid to the Proposer should the Proposer be selected for the performance of this contract.

GIT

Proposer Initials

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Business Entity Affidavit

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the Village of Key Biscayne (the " Village") shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no Village employee, nor any elected or appointed officer (including Village board members) of the Village, nor any spouse, parent or child of such employee or elected or appointed officer of the Village, may be a partner, officer, director or proprietor of Proposer or Vendor, and further, that no such Village employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described

restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by Village. Further, Proposer recognizes that with respect to this transaction or bid, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the Village, the provisions of Miami-Dade County Code Section 2-11.1, as applicable to Village, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the bid or proposal is submitted and may be further disqualified from submitting any future bids or proposals for goods or services to Village.

GIT

Proposer Initials

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Anti-Collusion Affidavit

1. Proposer/Bidder has personal knowledge of the matters set forth in its Proposal/Bid and is fully informed respecting the preparation and contents of the attached Proposal/Bid and all pertinent circumstances respecting the Proposal/Bid;
2. The Proposal/Bid is genuine and is not a collusive or sham Proposal/Bid; and
3. Neither the Proposer/Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Proposer/Bidder, firm, or person to submit a collusive or sham Proposal/Bid, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer/Bidder, firm, or person to fix the price or prices in the attached Proposal/Bid or of any other Proposer/Bidder, or to fix any overhead, profit, or cost element of the Proposal/Bid price or the Proposal/Bid price of any other Proposer/Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Village of Key Biscayne or any person interested in the proposed Contract.

GIT

Proposer Initials

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Scrutinized Company Certification

1. Proposer certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer or its subcontractors are found to have submitted a false certification; or if the Proposer, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
2. If the Agreement that may result from this ITB is for more than one million dollars, the Proposer certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. pursuant to Section 287.135, F.S., the Village may immediately terminate the Agreement that may result from this ITB at its sole option if the Proposer, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Proposer, its affiliates, or its subcontractors are placed on the Scrutinized

Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

3. The Proposer agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under the Agreement that may result from this ITB. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

GIT
_____
Proposer Initials
gt

Acknowledgment, Warranty, and Acceptance

1. CONTRACTOR warrants that it is willing and able to comply with all applicable state of Florida laws, rules and regulations.
2. CONTRACTOR warrants that it has read, understands, and is willing to comply with all requirements of **RFQ # 2025-13 ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING** and any addendum/addenda related thereto.
3. CONTRACTOR warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Village Council or Village Manager, as applicable.
4. CONTRACTOR warrants that all information provided by it in connection with this Proposal is true and accurate.

GIT
_____
Proposer Initials
gt

Truth in Negotiation Certification

The CONTRACTOR hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The CONTRACTOR further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Village determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of the final billing or acceptance of the work by the Village, whichever is later.

GIT
_____
Respondent Initials
gt

Sworn Signature of Proposing Entity Representative and Notarization for all above Affidavits follows on the next page

In the presence of:

Witness #1 Print Name: Kaleb Larin

Witness #2 Print Name: Jonathan Negrin

Signed, sealed and delivered by:

Print Name: GEORGIO TACHIEV

Title: PRESIDENT

ACKNOWLEDGMENT

State of Florida

County of Miami-Dade

On this 22nd day of July, 2025, before me the undersigned, personally appeared Georgio Tachiev, whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

Witness my hand and official seal:

VICENTE CORDOVA
Notary Public - State of Florida
Commission # HH 440844
My Comm. Expires Sep 5, 2027
Bonded through National Notary Assn.

Notary Public (Print, Stamp, or Type as Commissioned)

_____ Personally known to me; or

X Produced identification (Type of Identification: FL DL)

_____ Did take an oath; or

X Did not take an oath

FORM 6B

INDEPENDENCE AFFIFAVIT

The undersigned individual, being duly sworn, deposes and says that:

I am Georgio Tachiev, PhD, PE of GIT Consulting LLC, the proposer that has submitted the attached proposal;

I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have or have had during the past five years, any relationships (professional, financial, familial or otherwise) with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee.

A "relationship" for the purpose of this affidavit shall include but not be limited to employer/employee, consultant, contractor, subcontractor, associate, officer, partnership, joint venture, ownership greater than one percent, landlord/tenant, or creditor/debtor, gift donor/recipient (in excess of $100.00), past or on-going personal relationships, or joint involvement with charitable/voluntary activities. **Relationship includes having a prior or current contract with the VILLAGE.**

Except as set forth below, I hereby certify to the best of my knowledge that neither I nor any of those persons residing in my household have received any promise of compensation, remuneration, gift, discount, or other gratuity in exchange for my proposal.

I understand and agree that I shall give the VILLAGE written notice of any other relationships (as defined above) that I enter into with the VILLAGE (or any of its districts), its elected or appointed officials, its employees or agents, or any member or alternate member of the Selection Committee during the period of the Agreement.

I set forth below any exceptions to the aforementioned (if none, write "None"):

None

Signature (Blue ink only)

Georgio Tachiev, PhD, PE

Print Name

President

Title

7/22/2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 22ND day of July, 2025

by Georgio Tachiev as President

(Name of person acknowledging) *(Title)*

for GIT CONSULTING LLC.

(Company name)

Personally known to me ____ or has produced Identification X, type of identification produced FL DL.

(NOTARY SEAL HERE)

VICENTE CORDOVA
Notary Public - State of Florida
Commission # HH 440844
My Comm. Expires Sep 5, 2027
Bonded through National Notary Assn.

SIGNATURE OF NOTARY PUBLIC

vicente cordova

PRINT, TYPE/STAMP NAME OF NOTAR

FORM 6C

NON-COLLUSION AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Georgio Tachiev, PhD, PE of GIT Consulting LLC, proposer that has submitted the attached proposal;

2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

3. Such proposal is genuine and is not a collusive or sham proposal;

4. Neither said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other proposer, firm or person to submit a collusive or sham proposal in connection with the Agreement for which the attached proposal has been submitted or to refrain from proposing in connection with the Agreement, or has in any manner, directly or indirectly, sought by agreement of collusion or communication of conference with any other proper, firm, or person to fix the price or prices in the attached proposal, or of any other proposer, or to fix any overhead, profit or cost element of the proposal or the response of any other proposer, or to secure through any collusion, connivance, or unlawful agreement any advantage against the Village of Key Biscayne, Florida, or any person interested in the Agreement; and

5. The response to the attached RFQ is fair and proper and is not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature (Blue ink only)

Georgio Tachiev, PhD, PE

Print Name

President

Title

7/22/2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 22nd day of July, 2025

by Georgio Tachiev as President
(Name of person acknowledging) *(Title)*

for GT CONSULTING LLC.
(Company name)

Personally known to me ____ or has produced Identification X, type of identification produced FL DL.

(NOTARY SEAL HERE)

VICENTE CORDOVA
Notary Public - State of Florida
Commission # HH 440844
My Comm. Expires Sep 5, 2027
Bonded through National Notary Assn.

SIGNATURE OF NOTARY PUBLIC

Vicente Cordova

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 7

DRUG FREE WORKPLACE

The undersigned proposer in accordance with Chapter 287.087, Florida Statutes, hereby certifies that GIT Consulting LLC does:

(Name of proposer)

1. Publish a statement notifying employees that the unlawful manufacturing, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the contractual services described in the RFQ document a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the contractual services described in the RFQ or the Agreement, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

7. As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature (Blue ink only)

Georgio Tachiev, PhD, PE

Print Name

President

Title

7/22/2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 22nd day of July, 2025,

by Georgio Tachiev as President

(Name of person acknowledging) *(Title)*

for GIT CONSULTING LLC.

(Company name)

Personally known to me ____ or has produced Identification X, type of identification produced FL DL.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

VICENTE CORDOVA
Notary Public - State of Florida
Commission # HH 440844
My Comm. Expires Sep 5, 2027
Bonded through National Notary Assn.

vicente cordova

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 8

CERTIFICATION TO ACCURACY OF PROPOSAL

The proposer, by executing this form, hereby certifies and attests that all forms, affidavits and documents related thereto that it has enclosed in the proposal in support of its proposal are true and accurate. Failure by the proposer to attest to the truth and accuracy of such forms, affidavits and documents shall result in the proposal being deemed non-responsive and such proposal will not be considered.

By submitting a proposal to do the work, the proposer certifies that a careful review of the RFQ and the Agreement has taken place and that the proposer is fully informed and understands the requirements of the RFQ and the Agreement and the quality and quantity of service to be performed.

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is Georgio Tachiev, PhD, PE of GIT Consulting LLC, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all forms, affidavits and documents submitted in support of such proposal;
3. All forms, affidavits and documents submitted in support of this proposal and included in this proposal are true and accurate;
4. No information that should have been included in such forms, affidavits and documents has been omitted; and
5. No information that is included in such forms, affidavits or documents is false or misleading.

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 22nd day of July, 2025

by GEORGIO TACHIEV as PRESIDENT
(Name of person acknowledging) *(Title)*

for GIT CONSULTING LLC.
(Company name)

Personally known to me _____ or has produced Identification X, type of identification produced FL DL.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

VICENTE CORDOVA

PRINT, TYPE/STAMP NAME OF NOTARY

VICENTE CORDOVA
Notary Public - State of Florida
Commission # HH 440844
My Comm. Expires Sep 5, 2027
Bonded through National Notary Assn.

FORM 9

SCRUTINIZED COMPANIES

The undersigned proposer in accordance with Section 287.135, Florida Statutes, hereby certifies that:

Proposer is not participating in a boycott of Israel;

Proposer is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;

Proposer does not have business operations in Cuba or Syria.

Signature (Blue ink only)

Georgio Tachiev, PhD, PE

Print Name

President

Title

7/22/2025

Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 22nd day of July, 2025 by Georgio Tachiev as President
(Name of person acknowledging) *(Title)*
for GIT CONSULTING LLC.
(Company name)
Personally known to me ____ or has produced Identification X, type of identification produced FL DL.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

VICENTE CORDOVA
Notary Public - State of Florida
Commission # HH 440844
My Comm. Expires Sep 5, 2027
Bonded through National Notary Assn.

Vicente Cordova

PRINT, TYPE/STAMP NAME OF NOTARY

FORM 10

PUBLIC ENTITY CRIMES

Sworn Statement Under §287.133(3)(a), Florida Statutes

(This form must be signed in the presence of a notary public or other officer authorized to administer oaths.)

1. This sworn statement is submitted with Bid, Proposal or contract No. RFQ # 2025-13

2. This sworn statement is submitted by: GIT Consulting LLC
(name of entity submitting sworn statement)

whose business address is: 701 Brickell Ave., Suite 1550, Miami, FL 33131

Federal Identification Number (FEIN) is: 65-1319891
(if applicable)

Social Security Number: _____

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is: Georgio Tachiev, PhD, PE
(print name of individual signing this document)

and my relationship to the entity is: President

4. I understand that a "public entity crime" as defined in §287.133(1)(g), Florida Statutes means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United states, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

5. I understand that a "convicted" or "conviction" as defined in §287.133(1)(b), Florida Statutes, means a finding of guilt of a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in §287.133(1)(a), Florida Statutes means:

(a) A predecessor or successor of a person or a corporation convicted of a public entity crime; or

(b) An entity under the control of any natural person who is active in the

management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, share holders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima-facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in §287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which binds or applies to bids on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on the information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

   a. _X_Neither the entity submitting the sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

   b. ____The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 and (Please indicate which additional statement applies)

      1) ____There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

      2) ____The person or affiliate was placed on the convicted list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

      3) ____The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of

General Services)

Signature

7/22/2025
Date

STATE OF)
COUNTY OF)

The foregoing instrument was acknowledged before me this 22nd day of July, 2025

by GEORGIO TACHIEV as PRESIDENT

(Name of person acknowledging) *(Title)*

for GT CONSULTING LLC.

(Company name)

Personally known to me ____ or has produced Identification X, type of identification produced FL DL.

(NOTARY SEAL HERE)

SIGNATURE OF NOTARY PUBLIC

VICENTE CORDOVA
Notary Public - State of Florida
Commission # HH 440844
My Comm. Expires Sep 5, 2027
Bonded through National Notary Assn.

vicente cordova
PRINT, TYPE/STAMP NAME OF NOTARY

FORM 11

DISPUTE DISCLOSURE

Answer the following questions by placing an "X" after "Yes" or "No". If you answer "Yes", please explain in the space provided, or on a separate sheet attached to this form.

1. Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional associations within the last five (5) years?

YES _____ NO ____X____

2. Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?

YES _____ NO ____X____

3. Has your firm had against it or filed any requests for equitable adjustment, contract claims, Bid protests, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES _____ NO ____X____

If yes, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts of extended contract time involved.

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation of falsification of facts shall be cause for forfeiture of rights for further consideration of this Bid for the Village of Key Biscayne.

Firm: GIT Consulting LLC

Authorized Signature: 

Print or Type Name: Georgio Tachiev, PhD, PE

Title: President

Date: 7/22/2025

FORM 12

LIST OF PROPOSED SUBCONTRACTORS

The undersigned Proposer hereby designates, as follows, all major subcontractors whom they propose to utilize for the major areas of work for the project. The bidder is further notified that all subcontractors shall be properly licensed, bondable and shall be required to furnish the Village with a Certificate of Insurance in accordance with the contract general conditions. Failure to furnish this information shall be grounds for rejection of the bidder's proposal. (If no subcontractors are proposed, state "None" on first line below.)

No.	Subcontractor Name & Address	Scope of Work	License Number
1	Chen Moore & Associates	QA/QC & Advisory	4523

Firm: GIT Consulting LLC

Authorized Signature: 

Print or Type Name: Georgio Tachiev, PhD, PE

Title: President

Date: 7/22/2025

FORM 13A – N/A

FORM 13B – N/A

FORM 14 – N/A

FORM 15 – N/A

FORM 16

INSURANCE AND LICENSE CERTIFICATES

VILLAGE OF KEY BISCAYNE

PROPOSER'S REPRESENTATION

ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING

Proposal of GIT Consulting LLC

(Name)

701 Brickell Ave., Suite 1550, Miami, FL 33131

(Address)

to furnish all materials, equipment, and labor and to perform all work in accordance with the Contract Documents for:

ZONE 1 ALTERNATIVE STORMWATER MODELING AND PLANNING

("THE PROJECT")

TO: Village of Key Biscayne
Attn: Village Clerk
88 West McIntyre Street, Suite 220
Key Biscayne, Florida 33149

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid, as principal or principals, is or are named herein and that no other person than herein mentioned has any interests in the Bid or the Contract to which the Work pertains; that this Bid is made without connection or arrangement with any other person, company, or parties making Bids or Proposals and that the Bid is in all respects fair and made in good faith without collusion or fraud.

The Bidder further declares that he or she has examined the geographic location and sites of the Work; that he has made sufficient investigations to fully satisfy himself that such sites are suitable for this Work; and he assumes full responsibility therefore; that he has examined the specifications for the Work and from his own experience or from professional advice that the specifications are sufficient for the Work to be done and he has examined the other Contract Documents relating thereto, including the Instructions to Bidders, the Contract, Bid, Detailed Scope of Work/Specifications, Qualification Statement, Public Entity Crime Form, and Insurance requirements

and he has read all addenda prior to the opening of Bids, and that he has satisfied himself fully, relative to all matters and conditions with respect to the Work to which this Bid pertains.
The Bidder proposes and agrees, if this Bid is accepted, to timely execute the Contract with the Village in the form attached and to furnish all necessary materials, all equipment, all necessary machinery, tools, apparatus, means of transportation, and labor necessary to complete the Work specified in the Bid and the Contract, and called for by the drawings and specifications and in the manner specified and to timely submit all required bonds and insurance certificates.

NOTE: THIS SCHEDULE OF BID ITEMS IS MERELY ILLUSTRATIVE OF THE MINIMUM AMOUNT/QUANTITY OF WORK TO BE PERFORMED UNDER THE CONTRACT. IN THE CASE OF ANY CONFLICT BETWEEN THIS SCHEDULE OF BID ITEMS AND THE DETAILED SPECIFICATIONS, THE DETAILED SPECIFICATIONS WILL PREVAIL.

The Bidder further proposes and agrees to comply in all respects with the time limits for commencement and completion of the Work as stated in the Contract.

The Bidder agrees to execute the Contract and furnish the executed Contract, all required bonds, insurance certificates, and other required information to Village within ten (10) ten calendar days after written notice of the Award of Contract. Failure on the part of the Bidder to timely comply with this provision shall give Village all rights and remedies set forth in the Instructions to Bidders.

The undersigned agrees to accept as full compensation therefore the total of the lump sum prices and extended unit prices items named in the following schedule. It is understood that the unit prices quoted or established for a particular item are to be used for computing the amount to be paid to the Contractor, based on the Work actually performed as determined by the Contract and the Village. However, in utilizing the schedule, the Bidder agrees that in no event shall compensation paid to the Bidder under the Contract exceed the dollar amount of the Bidder's Bid amount, as set forth in the attached Bid.

It is intended that all Work to be performed under this Bid shall commence approximately thirty (30) days after Contract execution.

In no event shall Village be obligated to pay for Work not performed or materials not furnished. Bidder's

Certificate of Competency No. 35526

Bidder's Occupational License No. State# EB29324

WITNESS:

Ivan Tachiev

By: _____
Signature of Authorized Agent

[SEAL]

Date: 7/24/2025

To:

Procurement Officer
Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, FL 33149

RE: Statement of Financial Stability for RFQ # 2025-13 – Zone 1 Alternative Stormwater Modeling and Planning

Dear Procurement Officer,

GIT Consulting LLC affirms its financial stability and its ability to perform the services required under RFQ # 2025-13, "Zone 1 Alternative Stormwater Modeling and Planning," as described in the solicitation documents.

GIT Consulting LLC has maintained continuous operations as a professional engineering and environmental consulting firm in the State of Florida since its establishment. The firm possesses adequate financial resources, including access to banking credit and internal capital, to execute the proposed scope of work under the referenced RFQ without risk of insolvency, interruption, or dependency on external funding. At no time in the past has GIT Consulting LLC failed to complete a project due to financial difficulties.

This statement is provided in lieu of financial statements or bank letters, in accordance with the guidance issued in the response to questions by the Village of Key Biscayne, and should be considered sufficient to satisfy the requirement for a Statement of Financial Stability under **Tab A – Representations and Certifications**.

Should additional documentation be requested, GIT Consulting LLC is prepared to provide further information under confidential cover as allowed by Florida Statutes.

Sincerely,

Georgio Tachiev, PhD, PE
Principal
GIT Consulting LLC
701 Brickell Ave, Suite 1550, Miami FL 33131
Ph: 305-632-9386
georgio@gitconsulting.net

Tab B: Executive Summary

Proposal Response
to

RFQ #2025-13

Zone 1 Alternative Stormwater Modeling and Planning

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Executive Summary

Project Understanding and Team Overview The Village of Key Biscayne is seeking an updated stormwater model and plan for Zone 1 (the K-8 Basin area), with a focus on reducing flood risk in and around the K-8 School. The project is expected to build upon existing drainage models and stormwater master plan data, comply with updated Miami-Dade County stormwater design standards—including the 5-year, 24-hour storm under projected 2050 sea-level rise—and deliver practical, phased improvements to enhance flood protection.

GIT Consulting LLC (GIT), in partnership with subconsultant Chen Moore & Associates (CMA), has assembled a qualified technical team led by Dr. Georgio Tachiev, PhD, PE, serving as Principal-in-Charge and technical lead. Project management will be provided by Samuel Palermo, PE. Alberto Pisani, PE, ENV SP, will lead quality assurance and technical review, and Patrick Kaimrajh, PE, will provide leadership on constructability review and cost estimating. Each member has extensive experience in stormwater planning, permitting, and design throughout South Florida.

Dr. Georgio Tachiev brings over 30 years of experience in hydrologic and hydraulic modeling, with specialized expertise in the design of stormwater infrastructure, including conveyance systems and pumping facilities. His prior work includes development of the original stormwater models for the Village of Key Biscayne. Samuel Palermo has led major drainage and water infrastructure projects for the South Florida Water Management District and the U.S. Army Corps of Engineers, with a focus on system planning, design, and implementation. Patrick Kaimrajh and Alberto Pisani have managed award-winning drainage improvement initiatives across Miami-Dade and Broward Counties, delivering projects that address both technical and regulatory challenges. Collectively, the team offers a depth of experience in modeling, infrastructure design, and regional permitting that supports a comprehensive and technically sound approach tailored to the Village's requirements.

Deliverables and Approach

All deliverables identified in the RFQ Scope of Services will be completed in full. The technical approach includes:

- **Hydrologic and Hydraulic Model Update:** Development of an updated and calibrated ICPR4 model for Zone 1, incorporating recent topographic, land use, and infrastructure data. The model will reflect 2050 design conditions using NOAA Intermediate sea-level rise projections and will assess compliance with the Village’s flood protection Level of Service criteria.
- **Alternatives Development:** Modeling of drainage improvement options, such as new or expanded drainage wells, pipe capacity upgrades, pump enhancements, roadway elevation strategies, and green infrastructure elements. Priority will be placed on mitigating flooding around the K-8 School.

- **Alternatives Analysis:** Evaluation of proposed alternatives using flood simulation outputs, regulatory compliance criteria (e.g., road crown flooding <14 inches for <3.5 hours), feasibility, and resilience. Each scenario will be scored based on performance and constructability.
- **Recommended Plan and Phasing:** Selection of a preferred alternative or hybrid configuration, supported by technical justification. A phased implementation strategy will be prepared, with emphasis on near-term flood reduction measures and long-term system upgrades.
- **Cost Estimation:** An independent Engineer's Opinion of Probable Cost will be prepared by Mr. Kaimrajh using current unit prices and vendor quotes. The estimate will include lifecycle cost considerations and be organized by implementation phase.
- **Risk Assessment:** Evaluation of residual flood risks, permitting constraints, construction feasibility, and long-term adaptability. The assessment will identify risk mitigation strategies and define performance under future sea-level and storm intensity scenarios.
- **Communications and Engagement:** Coordination with Village staff will include a kickoff meeting, bi-weekly progress updates, and milestone workshops to review technical findings. Presentation materials for the Village Council or community stakeholders will also be developed, if requested. Mr. Palermo will serve as the primary liaison.

Team Qualifications and Alignment with Project Needs

The proposed team possesses the qualifications necessary to address the Village's project goals. GIT and CMA collectively bring technical depth in hydrologic modeling, drainage planning, and infrastructure design, supported by direct experience with the Miami-Dade regulatory framework. Team members have recently led the Miami-Dade County Stormwater Master Plan Update (2021), applying updated design criteria and modeling more than 780 square miles.

The team has also delivered high-profile drainage improvements including Fort Lauderdale's Victoria Park neighborhood upgrades and the Sunset Islands III & IV Design-Build project in Miami Beach, which received ASCE Project of the Year recognition. The team's familiarity with Key Biscayne's existing infrastructure, including the two Zone 1 pump stations and network of drainage wells, will allow for efficient mobilization and minimal onboarding time. The combination of local knowledge, technical expertise, and implementation experience supports the team's qualification to deliver the proposed services successfully.

Exceptions

No exceptions to the RFQ terms, conditions, or requirements are taken. All stated provisions, including insurance coverage and licensing standards, will be met. Addendum No. 1 and any subsequent clarifications have been reviewed and are fully incorporated into this proposal.

Tab C: Qualifications and Experience

Qualifications and Experience

GIT Consulting LLC (Prime Consultant):

GIT is a Miami-based civil and environmental engineering firm specializing in water resources, stormwater management, and GIS services. Founded by Dr. Georgio Tachiev, GIT offers over 30 years of local experience in stormwater modeling and infrastructure planning. The firm's expertise includes development of integrated surface and groundwater models, design of flood control and drainage systems, and environmental permitting. GIT's team has successfully delivered projects for clients such as Miami-Dade County, the South Florida Water Management District, and the U.S. Army Corps of Engineers.

Notably, GIT helped develop the Village of Key Biscayne's original stormwater models and has remained involved in the Village's flood mitigation efforts. This continuity of experience gives GIT a unique understanding of Key Biscayne's stormwater challenges. GIT's size as a specialized consulting practice allows its principals to be hands-on and responsive. The firm consistently leverages advanced modeling tools (ICPR, HEC-RAS, InfoSWMM, CFD, etc.) and innovative analysis techniques to design effective drainage solutions.

Chen Moore & Associates (Subconsultant):

CMA is a well-established Florida engineering firm (with offices in Miami-Dade and Broward) that brings decades of experience in municipal infrastructure design. CMA's core competencies include stormwater master planning, roadway and drainage design, utility engineering, and construction management. The firm has completed numerous neighborhood drainage improvement projects throughout South Florida, from initial hydrologic modeling through final construction documents. CMA has a long history of working with Miami-Dade County and area municipalities on capital improvements and is thoroughly familiar with county stormwater criteria and permitting processes. For example, CMA served as an engineering consultant for the Miami-Dade Stormwater Master Plan Update (2021), where Mr. Alberto Pisani (now on our team) was Project Manager.

The firm also led design and modeling for City of Fort Lauderdale's Stormwater Master Plan Implementation in the Victoria Park area and has designed numerous pump stations, drainage wells, and resilient drainage solutions in coastal communities. CMA regularly utilizes state-of-the-practice modeling software like ICPR and XP-SWMM to develop flood mitigation project alternatives with corresponding cost estimates. This background will directly benefit Key Biscayne in formulating practical, fundable solutions for Zone 1. CMA's local knowledge and experience with Miami-Dade's 21st Century design standards for

stormwater resilience ensure that all proposed improvements will adhere to required criteria and obtain necessary permits smoothly.

Past Performance & Relevant Projects: Our team's past performance is distinguished by successful delivery of projects similar to Zone 1's scope. We highlight a few recent examples:

- **Miami-Dade County Stormwater Master Plan Update (2021):** Comprehensive update of county-wide stormwater models across 11 watersheds (~780 sq. miles), incorporating new flood criteria and future sea-level rise scenarios. **(Role of team:** Alberto Pisani served as Project Manager leading modeling of system improvements and development of mitigation strategies.) This project demonstrates our experience with large-scale hydrologic/hydraulic (H&H) modeling and adopting new resiliency standards, directly applicable to Key Biscayne's needs.
- **Fort Lauderdale Victoria Park Stormwater Improvements (Ongoing):** Planning, modeling, and design for upgrades in one of Fort Lauderdale's priority flood-prone neighborhoods. Alternatives include additional stormwater pipe interconnects, new exfiltration trenches, and road swale improvements to alleviate chronic flooding. **(Role of team:** Patrick Kaimrajh is leading the drainage design and permitting as part of CMA's contract with the City.) Through this work, our team has tackled similar challenges of retrofitting stormwater infrastructure in a dense urban setting with high groundwater tables.
- **Miami Beach Sunset Islands III & IV Improvements (2017, Design-Build):** Complete right-of-way infrastructure overhaul for two residential islands, including new stormwater drainage system with pump stations and outfalls, road elevation, water/sewer upgrades, and utility undergrounding. This project won the ASCE Florida Project of the Year award for its innovative approach and successful flood mitigation. **(Role of team:** Patrick Kaimrajh was a lead design engineer for stormwater elements with CMA, coordinating closely with contractors on phasing and constructability.) The project's success and awards underscore our team's ability to deliver resilient stormwater solutions that earn peer recognition.
- **South Miami-Dade Watersheds FPLOS (Flood Protection Level of Service) Modeling (2020):** Development of integrated 1D/2D surface and groundwater models for six watersheds (~750 sq. miles) to assess current and future flood protection levels under sea level rise scenarios. **(Role of team:** Dr. Georgio Tachiev was technical lead modeling expert for SFWMD, creating calibrated models and evaluating performance metrics.) This effort showcases our proficiency in advanced

modeling (ICPR4, MODFLOW, etc.) and scenario analysis for climate resilience – expertise that will be leveraged for Zone 1.

In all the above projects, our key personnel played substantial roles, demonstrating a track record of delivering quality work on time and within budget. We have included client reference information for these and other relevant projects and are proud of the positive references our performance will elicit. The Village can trust that our past performance indicates a low risk and high value in selecting our team.

Staff Qualifications and Team Organization

Our project team is organized to provide clear lines of responsibility while fostering collaboration between disciplines. Figure 1 (Organizational Chart) illustrates the team structure, identifying GIT as the prime consultant and CMA as the subconsultant. The chart shows reporting relationships and key functional roles. In summary, GIT will lead project management, modeling, and overall design integration, while CMA contributes specialized expertise in design review, cost estimating, and constructability. This integrated structure ensures efficient coordination and quality control across all project tasks. Each key team member's role, credentials, and experience are detailed below. (One-page resumes for all key personnel are provided in Attachment H, per RFQ requirements.)

- **Project Director & Principal-in-Charge – Dr. Georgio Tachiev, PhD, PE (GIT)**:

Dr. Tachiev will serve as the Principal-in-Charge, providing executive oversight and technical direction for the project. As PIC, he is the ultimate point of contact for the Village regarding high-level decisions and will ensure the project meets all technical expectations. In addition, Dr. Tachiev will personally lead the hydrologic and hydraulic modeling effort (H&H Modeling Lead) given his extensive expertise in this area. He has over 30 years of experience in stormwater management, integrated surface and groundwater modeling, and environmental engineering. Dr. Tachiev's background includes leading the development of complex numerical models for flood control and water quality, designing stormwater conveyance and pump station systems, and obtaining environmental permits. He notably developed the Village of Key Biscayne's original drainage models and has delivered complex modeling and design assignments for agencies such as Miami-Dade County, SFWMD, and the USACE. In his role, Dr. Tachiev will direct the overall technical approach, review all deliverables for technical adequacy, and conduct quality assurance/quality control (QA/QC) reviews. He will also advise on innovative stormwater methodologies drawing on his research background of 40+ technical publications. Dr. Tachiev is a licensed Florida PE and holds a PhD in Environmental and Water Resources Engineering (Vanderbilt

University). His leadership ensures the Village benefits from top-level technical oversight and cutting-edge expertise throughout the project.

- **Project Manager (Design Manager) – Samuel Palermo II, PE (GIT):**

Mr. Palermo will be the Project Manager, responsible for day-to-day project coordination, schedule and budget control, and serving as the primary liaison to Village staff for all project communications. He is empowered to act on behalf of GIT in managing the project. Mr. Palermo brings 21 years of experience in civil and water resources engineering, much of it directly supporting the Comprehensive Everglades Restoration Plan (CERP) in South Florida. His career includes managing critical infrastructure projects for SFWMD and USACE, such as the design of large pump stations, gated spillways, levees, and Stormwater Treatment Area (STA) facilities. He has served in roles from resident engineer and design manager to construction manager on multi-million dollar water management projects. Mr. Palermo is highly proficient in hydrologic/hydraulic design, construction cost estimating, and federal permitting processes. He also has detailed knowledge of SFWMD standards, design criteria memoranda, and quality assurance procedures, which will be invaluable for ensuring the Zone 1 project meets regulatory expectations. In this project, Mr. Palermo will coordinate the multidisciplinary team (modelers, engineers, GIS analysts), manage task schedules, and ensure timely delivery of milestones. He will organize and lead regular progress meetings with Village staff, and oversee preparation of reports and submittals. His strong management background in complex water projects will keep the effort focused and organized. Mr. Palermo is a Florida PE with a B.S. in Environmental Resources Engineering.

- **Constructability and Cost Estimating Lead – Patrick Kaimrajh, PE (CMA)**:

Mr. Kaimrajh will lead all constructability reviews and cost estimating efforts for the project. He is a Principal Engineer at CMA with 17 years of experience in civil infrastructure design and construction-phase engineering. Mr. Kaimrajh specializes in stormwater and utility projects in coastal South Florida, with a robust portfolio that includes roadway/drainage reconstruction, pump station installations, water and sewer system upgrades, and resiliency projects. He has prepared full design packages (plans, specifications, permitting) and associated construction budgets for numerous municipal projects, often incorporating phased implementation to meet budget constraints. Notably, Mr. Kaimrajh has led high-profile stormwater projects for the City of Fort Lauderdale and City of Miami Beach, including the award-winning Sunset Islands III/IV Right-of-Way Improvements which featured new stormwater pump stations and drainage systems. He is adept at evaluating construction logistics in low-lying, densely developed areas—experience directly relevant to Key Biscayne's context. For Zone 1, Mr. Kaimrajh will ensure that each

proposed alternative is vetted for practicality: he will examine whether proposed drainage upgrades can be constructed with minimal disruption to the community, identify any site constraints (utility conflicts, access issues), and suggest value-engineering ideas. He will also develop the detailed engineer's opinion of probable cost for recommended improvements, drawing on current unit costs and his contractor network insights. Mr. Kaimrajh is skilled in AutoCAD Civil 3D and various modeling software (ICPR, EPA SWMM, WaterCAD, etc.), allowing him to interact fluently with the design and modeling team. His involvement will ensure that the final stormwater plan is not only effective on paper but also feasible and cost-effective to build and maintain. Mr. Kaimrajh holds a PE license in Florida and a B.S. in Civil Engineering.

- **QA/QC Lead and Engineering Support – Alberto Pisani, PE, ENV SP (CMA)**:

Mr. Pisani will serve as the Quality Assurance/Quality Control lead, reviewing all major design and modeling deliverables, and will also contribute his technical expertise to the evaluation of stormwater alternatives. He is a Principal Engineer at CMA with 18 years of experience in water resources and civil engineering. Mr. Pisani has a broad background in stormwater master planning, hydraulic modeling, and infrastructure design. He was the Project Manager for Miami-Dade County's Stormwater Master Plan Update (2021), where he oversaw county-wide watershed modeling and the development of adaptation strategies. In addition, he has managed or designed numerous pump station projects, sewer system evaluation surveys, and drainage system upgrades across South Florida. His expertise includes preparing basis-of-design reports, analyzing pump station capacity vs. flooding outcomes, and integrating sustainability (he is an Envision Sustainability Professional) into infrastructure projects. For this project, Mr. Pisani will perform QA/QC – verifying that modeling assumptions are sound, computations are correct, and that design recommendations meet engineering standards and the Village's objectives. He will also lend his insight in developing decentralized solutions (like evaluating the feasibility of additional injection wells or green infrastructure in Key Biscayne's limestone geology). Mr. Pisani's familiarity with the local hydrologic, hydraulic, and regulatory conditions in the region is a tremendous asset. He has worked closely with Miami-Dade County regulators and is well-versed in the Department of Environmental Resources Management (DERM) permitting for drainage wells and outfalls. He will ensure our deliverables are compliant with all such requirements. Mr. Pisani is a Florida-registered Professional Engineer and holds an M.S. in Civil Engineering.

In addition to the key personnel above, our team includes support professionals who will be available as needed. For example, GIS analysts will assist in mapping and data visualization, and CADD technicians will prepare design sketches and figures. We have

also engaged an Environmental/Permitting Specialist (PWS certified) to advise on any environmental permitting considerations (e.g. wetlands, water quality) that may arise with new infrastructure alternatives. These supporting team members will work under the direction of the key staff described, and their resumes can be provided upon request.

Team Collaboration and Communication:

An internal communication framework has been established to ensure effective collaboration between GIT Consulting and Chen Moore & Associates. Weekly coordination calls and bi-weekly technical workshops—conducted virtually or in person—will be held to monitor progress, review modeling outputs, and resolve technical issues in a timely manner.

Externally, project updates will be provided to Village staff at least bi-weekly by the designated Project Manager, Samuel Palermo, PE, with additional communication during key project milestones or critical phases. Scheduled meetings will include a project kickoff to confirm scope and data requirements, a mid-project workshop to review preliminary findings and alternatives, and a final presentation to discuss recommendations and obtain stakeholder feedback. Ad-hoc meetings or site visits will be accommodated as necessary.

Collaborative project management tools, including a shared cloud-based workspace for model files, GIS datasets, and supporting documents, will be employed to support real-time coordination among team members. This structured approach to communication ensures consistent integration of Village input and promotes efficiency and alignment across firms.

Addendum No. 1 Compliance: In accordance with Addendum No. 1 dated July 18, 2025, a detailed Personnel Plan outlining daily or weekly staffing is not required for this RFQ. Instead, the proposal includes an organizational chart and team role descriptions that satisfy the requirement under Tab C.3. Staffing levels have been tailored to meet the needs of each project phase, with key personnel committed throughout the project duration and flexibility to allocate additional resources as needed. The proposed structure ensures all necessary functions are covered without redundancy.

Tab D: Subcontracting Plan

Subcontracting Plan

The proposed team includes one primary subconsultant, Chen Moore & Associates (CMA), which is identified in the organizational structure. The following subcontracting plan is provided in accordance with RFQ requirements:

- **Name of Subconsultant:** Chen Moore & Associates (CMA) – Engineering Subconsultant
- **Field of Expertise:** Civil and Environmental Engineering, with specialization in stormwater management, hydrologic and hydraulic modeling, utility design, and construction administration. CMA maintains a full-service engineering staff with particular strengths in municipal stormwater infrastructure and has been continuously operating in South Florida for over 35 years.
- **Scope of Work to be Subcontracted:** Under this contract, CMA will provide support in the following areas:
    1. **Quality Assurance/Quality Control (QA/QC):** Independent technical review of modeling and design deliverables.
    2. **Constructability Reviews:** Evaluation of proposed alternatives with respect to feasibility, constructability, and implementation phasing.
    3. **Cost Estimation:** Development of detailed construction cost estimates for stormwater infrastructure.
    4. **Design Support:** Preparation of conceptual plans, cross sections, and engineering drawings to support proposed solutions.

These responsibilities are aligned with CMA's core competencies and are intended to complement the modeling and project management functions led by GIT Consulting. All other tasks—including project management, modeling, and final reporting—will be executed directly by GIT.

- **Key Subconsultant Personnel:** CMA's project assignments will be led by Patrick Kaimrajh, PE (Constructability and Cost Lead) and Alberto Pisani, PE, ENV SP (QA/QC Lead and engineering support). Both are senior engineers with over 17 and 18 years of professional experience, respectively, and have led projects that are directly comparable in scope and complexity to the Zone 1 effort. Their role includes direct execution of assigned tasks and coordination with the GIT team to ensure integration of all deliverables.

- **Years in Business / Relevant Experience:** Founded in 1986, CMA has nearly four decades of continuous service in Florida and currently employs over 90 professionals across its statewide offices. The firm has successfully completed a wide range of stormwater and utility infrastructure projects for public-sector clients in Miami-Dade, Broward, and Palm Beach Counties. This experience base reflects CMA's proven capability to meet technical, regulatory, and implementation requirements for local government projects.
- **Subconsultant References:** CMA's qualifications and past performance can be confirmed through references provided in Form 12. Notable clients include the City of Fort Lauderdale Public Works Department (reference available for CMA's role in the Stormwater Master Plan Implementation) and Miami-Dade County's Department of Regulatory and Economic Resources (reference available for contributions to the Countywide Stormwater Master Plan Update). Additional references with project-specific details are provided in the qualifications package.

No work is anticipated to be subcontracted beyond the firms identified in this proposal. GIT Consulting and CMA collectively possess the technical capabilities required to complete the entire scope of services in-house, including engineering, modeling, and GIS analysis. If the need for specialized services arises (such as geotechnical investigation or land surveying), those services would be procured under separate agreement with prior approval from the Village. No such services are currently expected during the RFQ phase.

Addendum Compliance: In accordance with Addendum No. 1, this subcontracting plan excludes any pricing or cost-related information. The RFQ explicitly states that cost proposals should not be submitted with qualifications. Accordingly, no dollar values are included in this section. All other required information—including subcontractor roles, areas of expertise, and supporting qualifications—has been provided as specified, and Form 12 has been completed to reflect this structure.

GIT Consulting will retain full responsibility for overall contract performance and will directly oversee all work performed by CMA. A formal teaming agreement between the two firms is in place to ensure shared understanding of roles, deliverables, and performance expectations. The subcontracting structure offers the Village a high-functioning project team with strong local knowledge, technical depth, and the capacity to deliver timely, cost-effective results across all phases of the assignment.

Tab E: Proposal Approach

Proposal Approach

Zone 1, which includes the K-8 School vicinity and surrounding neighborhoods, is the lowest-lying and most flood-prone area within the Village of Key Biscayne. During periods of heavy rainfall and elevated tidal conditions, this basin experiences frequent street flooding that disrupts mobility and poses risks to adjacent properties. A previously developed concept proposed a centralized stormwater solution consisting of major trunk pipe upgrades, the construction of a central pump station at Harbor Drive and Harbor Park, and extensive roadway elevation. Although technically sound, the estimated cost of $75 to $80 million and the anticipated construction-related disruptions have led to reconsideration of this approach.

As an alternative, the Village is seeking a more cost-effective and flexible stormwater solution that can achieve the required Level of Service without the extensive scale and complexity of the original plan. The current strategy is focused on evaluating decentralized and phased infrastructure improvements that offer similar performance with greater constructability and reduced disruption.

The proposed approach to Zone 1 Alternative Stormwater Modeling and Planning is comprehensive and aligned with the Village's scope of services. A systematic and phased workflow will guide model updates, development and evaluation of drainage alternatives, coordination with Village stakeholders, and preparation of the final improvement plan. The following section outlines the primary tasks and project execution strategy.

1. **Data Collection and Model Preparation:**

The process will begin with the compilation and review of all relevant existing information. This includes the Village's current ICPR4 model files, the 2015 Stormwater Master Plan and any subsequent updates, topographic surveys, drainage system maps, rainfall records, and observed flooding reports, particularly those concerning the K-8 School vicinity.

The modeling team, under the direction of Dr. Georgio Tachiev, will update the ICPR hydrologic and hydraulic model for Zone 1 using this data. Key updates will incorporate any new drainage infrastructure constructed since the last model revision, along with adjustments to parameters reflecting 2050 design storm conditions, such as tailwater elevations influenced by NOAA intermediate sea-level rise projections. The model will also be extended as necessary to account for complete boundary conditions.

ICPR4 will serve as the primary modeling platform to ensure consistency with the Village's existing systems. The modeling team is proficient in ICPR and related software platforms.

Where applicable, additional data may be imported into InfoSWMM or used in GIS-based analyses to validate and cross-check results.

Quality control at this stage will include verification that the model geometry—such as basin delineations, nodes, and links—accurately reflects field conditions. Initial loss parameters, roughness coefficients, and other key inputs will be reviewed and adjusted as necessary to ensure technical accuracy.

An early technical coordination meeting is anticipated with Village staff to confirm model assumptions and obtain supplemental field knowledge, including anecdotal flooding observations, which may assist in refining calibration parameters.

2. **Model Calibration and Validation:**

Using the updated model, calibration runs will be performed against at least one recent significant storm event, such as any heavy rainfall in the past few years that resulted in notable ponding within Zone 1. The modeling team will adjust infiltration rates, initial water levels, and other hydrologic and hydraulic parameters to ensure that the model's outputs—including peak stages, runoff volumes, and areas of inundation—closely reflect observed conditions.

If available, measured high-water marks or documented flood complaints in the K-8 School area or other portions of Zone 1 will be used as targets for calibration. Model validation will also be conducted by simulating a separate storm event or applying historical wet-season groundwater conditions to verify performance under varying scenarios.

The resulting calibrated model will serve as the analytical baseline for evaluating proposed improvement alternatives, providing a reliable basis for comparing predicted flood mitigation benefits. All calibration activities will be thoroughly documented, and interim modeling results may be shared with the Village's technical staff for feedback and verification.

3. **Development of Improvement Alternatives:**

Upon completion of a reliable baseline model, a set of stormwater improvement alternatives for Zone 1 will be identified and developed. A total of 3 to 5 distinct alternatives is anticipated, each incorporating combinations of the following measures:

- **Infrastructure Upgrades:** Installation of new gravity pipes or upsizing of existing conveyance infrastructure; addition of catch basins or trench drains at low points, particularly in the vicinity of the K-8 School; and construction of new outfalls or high-capacity infiltration wells to accelerate stormwater removal.

- **Pump Station Enhancements:** Evaluation of new stormwater pump station construction or modifications to existing pump facilities, such as increasing pump capacity or adding redundancy through backup pumps to improve system response during peak events.
- **Roadway and Storage Solutions:** Implementation of selective roadway elevation near the K-8 School to protect adjacent properties while maintaining defined overland flow paths; construction of shallow detention swales or subsurface storage systems, such as exfiltration trenches or underground chambers, within public rights-of-way; and incorporation of green infrastructure features such as bioswales or rain gardens where feasible to promote infiltration and water quality improvement.
- **Distributed (Decentralized) Measures:** Given Zone 1's dependence on gravity-fed systems, decentralized drainage enhancements will be evaluated. These may include additional drainage wells with pretreatment components to enhance infiltration capacity. Supplementary low-impact development (LID) strategies—such as permeable pavers in parking areas—will also be considered. However, due to the magnitude of flooding observed in the K-8 School area, structural improvements are expected to serve as the primary mitigation strategy.

Each alternative will be designed to comply with the Village's established Level of Service criteria, including limiting roadway crown flooding to no more than 14 inches during the 5-year, 24-hour design storm under 2050 sea-level rise conditions. All alternatives will be evaluated for conformance with updated Miami-Dade County flood protection standards and the Village's long-term resilience goals.

Adaptive design components will be incorporated where applicable. Examples include designing outfalls with the capacity to accommodate future inline check valves or retrofitting for pumped discharge, thereby maintaining performance under elevated sea-level scenarios. A comparative matrix will be prepared to summarize the characteristics and expected outcomes of each alternative. Preliminary concepts will be presented to Village staff in a workshop setting to solicit feedback prior to detailed technical analysis.

4. **Engineering Analysis of Alternatives:**

Each proposed alternative will be simulated using the calibrated ICPR model to quantify flood mitigation benefits. Performance metrics to be evaluated include peak flood elevation at critical locations such as the K-8 School property and roadway intersections, the extent and duration of street flooding, and the volume of runoff managed. Impacts on

downstream systems will also be assessed to ensure that flood displacement does not occur elsewhere within the basin.

In addition to hydraulic performance, each alternative will be evaluated based on cost, constructability, permitting feasibility, maintenance requirements, and community impact. Constructability and staging will be reviewed by Mr. Patrick Kaimrajh, PE, who will identify potential implementation challenges such as utility conflicts, right-of-way constraints, or sequencing limitations. Regulatory considerations will be reviewed by Mr. Alberto Pisani, PE, ENV SP, including evaluation of permitting pathways for new injection wells (in accordance with SFWMD and DERM criteria) or new pump station outfalls discharging to tidal waters (requiring DERM approval and potential water quality coordination).

A decision matrix will be utilized to rank the alternatives across all relevant evaluation criteria. The weighting of each criterion will reflect the Village's planning priorities, such as the relative importance of maximizing flood reduction versus controlling capital expenditures. During this phase, design flexibility will be maintained. For instance, if a particular model simulation indicates suboptimal performance in one area, minor design refinements (such as adding an inlet or resizing a conveyance segment) will be implemented and re-evaluated. The objective is to identify the most technically and financially optimized solution package for Zone 1.

5. **Recommended Solution and Phasing Plan:**

Based on the results of the comparative analysis, a Recommended Stormwater Improvement Plan for Zone 1 will be identified. This plan may consist of one of the evaluated alternatives or a hybrid configuration that combines the most effective elements of multiple alternatives. Justification for the selected recommendation will be clearly documented, supported by model performance metrics, cost analysis, and implementation feasibility. For example, an alternative that achieves the target Level of Service at the K-8 School, remains largely within existing public rights-of-way, and demonstrates significant cost savings compared to other options may be prioritized.

A phasing strategy will be developed to guide implementation of the recommended improvements. Phase 1 may include priority components such as upgraded drainage inlets in the school area or installation of a drainage well to address frequent ponding. Phase 2 may encompass larger capital projects such as pump station construction or localized roadway elevation, which may require more complex permitting, greater funding, or additional coordination. Each phase will be accompanied by a prioritized list of projects and an order-of-magnitude implementation timeline, grouped by near-term (0–5 years),

mid-term (5–10 years), and long-term (10+ years) horizons. Cost considerations and logical sequencing will inform this schedule.

Dependencies between project elements will also be addressed—for example, if a new outfall is proposed in a later phase, upstream conveyance improvements will be scheduled accordingly to ensure full system functionality. The phasing plan will be refined in coordination with Village staff to align with available funding opportunities, local construction constraints, and community scheduling needs. Special attention will be given to minimizing disruption in sensitive areas, such as avoiding school-adjacent construction activities during active academic sessions.

6. **Independent Cost Estimation:**

In parallel with finalization of the recommended plan, a detailed Engineer's Opinion of Probable Cost will be prepared. This task will be led by Patrick Kaimrajh, PE, utilizing construction cost databases such as recent South Florida bid tabulations and vendor quotations for major infrastructure components, including pump station equipment, to ensure a high degree of accuracy. The cost estimate will be itemized by component—such as mobilization, earthwork, storm drains, pumps, wells, pavement restoration—and will include appropriate contingency allowances.

The estimate will be developed independently and impartially, without influence from prior estimates, in accordance with the Village's request. If an existing cost estimate is available from previous designs (such as those prepared by AECOM), the new estimate may be compared to highlight key differences; however, the emphasis will remain on delivering a current and unbiased assessment. The cost breakdown will be linked to the phasing strategy, enabling the Village to understand financial requirements on a phase-by-phase basis.

Where applicable, life-cycle cost considerations will also be incorporated, including long-term maintenance expectations for elements such as pump stations and drainage wells. The final estimate will provide the Village with a transparent, comprehensive financial framework to support budgeting decisions and strengthen applications for external funding opportunities.

7. **Risk Assessment:**

The recommended stormwater improvement plan for Zone 1 will be evaluated through a qualitative risk assessment structured around six key categories: safety, property protection, feasibility, adaptability, integration, and implementation. This assessment will

support decision-making by highlighting both the benefits and the potential risks associated with the proposed decentralized pump-and-well strategy.

Life Safety and Public Health:

The primary benefit of the proposed improvements is a reduction in flood-related risks to residents, particularly around the K-8 School. The assessment will consider reduced flood depth and duration, improved emergency access, and mitigation of health risks associated with standing water. Risks related to equipment safety, such as pump station enclosures or power outages, will also be reviewed with appropriate mitigation measures including backup systems.

Property Protection:

Benefits include reduced structural flooding, increased property value protection, and enhanced resilience of public assets. Potential risks such as groundwater concerns or temporary construction impacts will be addressed through permitting, well siting, and phased implementation strategies.

Feasibility and Permitting:

The proposed solution involves infrastructure components commonly used in South Florida, including drainage wells and pump stations. Required permits will be identified, and risks such as regulatory delays or coordination for multiple permits will be addressed. The decentralized design reduces complexity and enhances constructability. Contractor availability and local industry familiarity with similar systems are expected to minimize implementation risk.

Adaptability to Future Conditions:

The system is designed for scalability and flexibility. Future upgrades, such as additional pump modules or retrofitting gravity outfalls, can be incorporated as sea-level rise and rainfall patterns evolve. Risks related to well performance under higher groundwater conditions will be acknowledged and mitigated through design safety factors and monitoring.

Infrastructure Integration:

The plan complements the existing stormwater network, reusing functional components and minimizing redundancy. Integration challenges, such as utility conflicts or SCADA compatibility, will be addressed through early coordination and standard design practices. The strategy reduces load on existing gravity systems and enhances overall system resilience.

Funding and Implementation Risks:

Phased implementation supports incremental budgeting and grant funding eligibility. Each project phase is designed to provide standalone benefits, minimizing risk if full funding is delayed. Construction risks, such as geotechnical variability, will be addressed through pre-design investigations and contractor input.

A summary matrix will accompany the risk narrative in the final report, comparing the recommended alternative to other scenarios (including no action) using a qualitative scale. This approach ensures transparency and provides Village stakeholders with a clear understanding of the relative strengths, limitations, and mitigation strategies associated with the proposed improvements.

8. **Deliverables and Documentation:**

The team will compile all findings and recommendations into clear, technically structured deliverables. The primary deliverable will be a comprehensive Stormwater Modeling and Planning Report, which will include an executive summary suitable for policymakers, documentation of existing conditions, detailed modeling methodology, evaluation of proposed alternatives, the recommended improvement plan (with supporting maps and schematic drawings), construction cost estimates, a phased implementation plan, a risk assessment, and appendices containing technical data such as model calibration details and assumptions.

Updated ICPR model files, along with any GIS datasets or mapping outputs developed during the project, will be delivered to provide the Village with full access to the technical foundation of the plan. For public engagement and decision-making support, presentation materials—such as summary slides or visual exhibits (e.g., before-and-after flood maps for the K-8 School area)—can be developed to clearly communicate the plan's benefits to non-technical audiences. Throughout the project timeline, draft deliverables and intermediate work products (including conceptual alternatives, cost tables, and modeling outputs) will be made available to the Village for review and input.

The final report and deliverables will be presented to the Village Council or the public upon request. Ongoing coordination will be maintained to address technical questions and ensure continuity throughout the planning process. Clear communication of the plan's rationale, benefits, and limitations will support transparency and encourage stakeholder support.

Compatibility with Existing Models: The Village's existing hydrologic and hydraulic models (ICPR and any InfoSWMM models developed by previous consultants) will be fully

integrated into the workflow. The modeling team possesses extensive experience in ICPR4, EPA SWMM, and InfoWater/InfoSWMM platforms, allowing seamless use and augmentation of the existing Zone 1 model. Rather than duplicating prior efforts, the approach will build directly upon the established modeling framework, refining it to incorporate updated design criteria, infrastructure conditions, and sea level rise assumptions. This ensures technical continuity with earlier planning efforts while enhancing model accuracy. If available, the existing AECOM Zone 1 cost estimate will be referenced as a benchmarking tool while preserving independence in the preparation of all new cost assessments. The overall strategy emphasizes data compatibility, consistency, and transparency.

Innovative Technology and Resilience: Evaluation of innovative design solutions will be integrated into the alternative development process. Examples include the incorporation of smart pump control systems, automated tidal backflow prevention valves, and real-time performance monitoring sensors. Where appropriate, advanced construction materials or flood-resilient technologies will also be considered. All alternatives will be evaluated for long-term adaptability. For instance, infrastructure elements such as embankments or pump stations will be assessed for future capacity expansion or elevation adjustments, ensuring continued effectiveness beyond the 2050 planning horizon. The project team's experience with climate adaptation and coastal resilience planning will inform the inclusion of flexible, forward-compatible elements in the proposed solutions.

Stakeholder Coordination and Knowledge Integration: The planning approach will prioritize coordination with Village staff at defined decision points. Local knowledge, including observations from residents and operations staff, will be incorporated into model calibration, alternatives development, and final recommendations. All efforts will remain aligned with the Village's broader stormwater management and resilience objectives. A collaborative process structure will be maintained to ensure that technical work products reflect both engineering requirements and community expectations.

Addendum No. 1 has been fully incorporated into the proposed approach. Specifically, all required deliverables and task elements identified in the RFQ and subsequent clarifications have been addressed. The scope of work remains focused on achieving the required outcomes, including model updates, evaluation and recommendation of stormwater improvements (with emphasis on the K-8 School basin), independent cost estimation, structured risk assessment, and communication of results.

Tab H: Attachments

This section contains additional documents and supporting information included with the proposal. The attachments are provided as separate files as required:

Attachment A – Sample Contract (Acknowledgment)

- **Sample Contract (Acknowledgment):** The Village's Sample Contract (provided as Attachment A in the RFQ) is acknowledged. We understand the terms and conditions of the contract and, as required by the RFQ, we agree to execute the contract in that form (subject to any minor negotiated modifications).
- The Sample Contract itself is not required to be executed or returned with this proposal, so it is not included here, but we affirm our acceptance of its provisions.

Attachment B – Certificate of Insurance:

A Certificate of Insurance evidencing GIT Consulting LLC's coverage is included. This certificate demonstrates that we currently carry insurance meeting or exceeding the Village's requirements (General Liability, Automobile Liability, Worker's Compensation, and Professional Liability).

The certificate will be updated to formally name the Village of Key Biscayne as an additional insured upon award, per RFQ requirements. (If needed for evaluation, a letter from our insurer confirming our ability to obtain the required coverages and limits is attached.)

1	Certificate of Insurance - Professional Liability (Miami-Dade) – GIT Consulting
2	Certificate of Insurance - General Liability or other– GIT Consulting
3	Workers Compensation Exemption Report– GIT Consulting

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 04/04/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Biscayne Risk Group 5571 N. University Dr. Suite 101 Coral Springs FL 33067	**CONTACT NAME:** Matthew Pitnick **PHONE (A/C, No, Ext):** (561) 571-1001 **FAX (A/C, No):** **E-MAIL ADDRESS:** info@biscaynerisk.com
INSURED GIT Consulting LLC 2665 S Bayshore Drive Miami FL 33133	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A :** HISCOX INS CO INC 10200 **INSURER B :** **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	Y		P1009312744	03/01/2025	03/01/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
A	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			P1009312744	03/01/2025	03/01/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N [ ] (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					[ ] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $
A	Professional Liability			P1009301124	03/01/2025	03/01/2026	Each Claim Aggregate	1,000,000 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

If required by written contract, Miami-Dade County is named additional insured, excluding professional services, on the General Liability

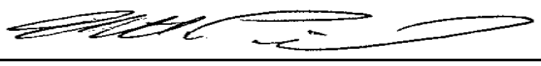
CERTIFICATE HOLDER

Miami-Dade County
111 NW 1st Street
Suite 2340
Miami FL 33128

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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CERTIFICATE OF LIABILITY INSURANCE

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PRODUCER

State Farm

Carlos Luis
6001 Bird Rd

Miami FL 331555209

CONTACT NAME: Carlos Luis
PHONE (A/C, No, Ext): 305-663-2300 **FAX (A/C, No):**
E-MAIL ADDRESS: carlos.luis.lr6z@statefarm.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : State Farm Mutual Automobile Insurance Company	25178
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED

GIT CONSULTING LLC
2665 S BAYSHORE DR STE 200

COCONUT GROVE FL 331335448

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

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INSR LTR	TYPE OF INSURANCE	ADD INSD	SUB WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	☐ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR ☐ ☐ GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC ☐ OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG 	$ $ $ $ $ $ $
A	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☒ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY ☐ ☐	Y	Y	G94 9096-A25-59D	07/25/2024	01/25/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) 	$ $ 1,000,000 $ 1,000,000 $ 1,000,000 $
	☐ UMBRELLA LIAB ☐ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTION $						EACH OCCURRENCE AGGREGATE 	$ $ $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N ☐ (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					☐ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT 	$ $ $ $

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

2023 TESLA MODEL S 4DR

VIN: 5YJSA1E62PF504585

CERTIFICATE HOLDER

Miami Dade County
111 NW 1st Street Suite 2340

Miami FL 33128

CANCELLATION

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AUTHORIZED REPRESENTATIVE

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STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION

*** * CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW * ***

NON-CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law.

EFFECTIVE DATE: 11/1/2024 **EXPIRATION DATE:** 11/1/2026

PERSON: GEORGIO I TACHIEV **EMAIL:** GEORGIO@GITCONSULTING.NET

FEIN: 651319891

BUSINESS NAME AND ADDRESS:

GIT CONSULTING LLC

2665 S. BAYSHORE DR SUITE 220

MIAMI, FL 33133

This certificate of election to be exempt is NOT a license issued by the Department of Business and Professional Regulation. To determine if the certificate holder is required to have a license to perform work or to verify the license of the certificate holder, go to www.myfloridalicense.com.

IMPORTANT: Pursuant to subsection 440.05(13), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter. Pursuant to subsection 440.05(11), F.S., Certificates of election to be exempt issued under subsection (3) apply only to the corporate officer named on the notice of election to be exempt. Pursuant to subsection 440.05(12), F.S., notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.

DFS-F2-DWC-252 CERTIFICATE OF ELECTION TO BE EXEMPT E02008192 QUESTIONS? (850) 413-1609
RULE 69L-6.012, F.A.C. REVISED 01/2023

Attachment C – Key Personnel Resumes:

Resumes for all key personnel referenced in Tab B and Tab C are attached.

List of Key Staff

1. **Dr. Georgio Tachiev, PhD, PE** (GIT) – Principal-in-Charge | Civil/Environmental Engineer
2. **Samuel Palermo II, PE** (GIT) – Senior Civil | Environmental Engineer
3. **Dr. Mahmoud Madkour, PhD, PE, LEED AP** (GIT) – Senior Civil | Environmental Engineer
4. **Patrick Kaimrajh, PE** (CMA) – Principal Engineer
5. **Alberto Pisani, PE, ENV SP** (CMA) – Principal Engineer

Georgio Tachiev, PhD, PE

Project Manager | Civil/Environmental Engineer

Summary:

Experienced Civil Engineer with over 30 years of professional experience managing multidisciplinary projects in water resources, stormwater management, and environmental restoration throughout South Florida. Dr. Tachiev has extensive expertise in the development and application of integrated surface and subsurface hydrologic and hydrodynamic models, groundwater modeling, water quality modeling, and GIS-based systems for water distribution and collection infrastructure. His technical background includes the planning, hydraulic and hydrologic design, and permitting of stormwater management systems, including stormwater conveyance networks (canals, pipelines, and sanitary and storm sewers), pump stations, and water control structures. He has led the design of complex systems involving flood control, urban drainage, wetland restoration, and watershed-scale hydrologic assessments. Dr. Tachiev has developed complex numerical models to support environmental assessments, water resource management strategies, remediation planning, and risk evaluation. He is proficient in automating the processing, analysis, and visualization of large-scale hydrologic and water quality datasets, and has overseen all phases of project delivery, including technical review, quality control, and reporting. His modeling and design expertise also includes advanced computational fluid dynamics modeling and visualization of hydraulic structures and flow systems, including tunnels, conduits, open channels, pump stations, and gated or uncontrolled control structures. Using 3D simulations, he evaluates flow distribution, energy dissipation, and structural hydraulics under both free-surface and pressurized flow conditions. In addition to his professional practice, Dr. Tachiev has authored over 40 peer-reviewed publications in the fields of water resources engineering, hydrology, environmental physics, and computational modeling.

Education:

PhD, Water Resources and Environmental Engineering, Vanderbilt University, TN.
MS, Chemical Engineering, Vanderbilt University, TN.
BS, UA Civil Engineering, Sofia, Bulgaria

Licenses & Certifications:

Professional Engineer (PE), Florida

Key Projects:

- Flood Protection Level of Service of C-111 Watersheds in South Miami-Dade County (SFWMD): Developed a 750 square-mile model, including reservoirs, and water supply wells, and canals for an integrated surface and groundwater model to analyze the FPLOS of 6 watersheds in South Miami-Dade County (L-31NS, C-111 AG, Model Land, US1, C-111 Coastal, and C-111 South). The project included development of calibrated and validated models for two recent storms and a series of design storm events along with multiple SLR scenarios and combinations with storm surge. The model considered future land use changes, topography and infrastructure changes. The FPLOS was evaluated using a set of 6 performance metrics. The project also included flood mitigation strategies for future SLR and Storm Surge conditions.
- Sr 907 (Alton Road) Reconstruction, Michigan Avenue to 43rd Street, FDOT District 6 - provided drainage design and permitting services for this project. Project improvements includes roadway reconstruction, the design of two (2) major pump station facilities one of 23,000 GPM and the other one of 33,000 GPM each, a 66" trunk-line, roadway drainage improvements and seawall reconstruction.
- Analysis and Optimization of Underground Pit Dewatering PFS Shaft and Pump Configuration (Denver, CO): Developed a 3D CFD model to determine feasibility and optimize the proposed design. The project determined the required pump spacing and shaft dimensions and determined the most optimized pump arrangement. The simulations were used to verify that the optimized design provides acceptable flow without appreciable interferences between pumps assembly components and determine head losses in pump screens and other components.

- Analysis of Dewatering of PFS Shaft and Pump Configuration (Denver, CO): Developed a 3D CFD model to provide an analysis of flow to establish the most optimal design in terms of uniform velocities around the intake and along the shaft, size and impact on construction and maintenance costs of proposed new shaft connecting to existing underground mine workings. Analyzed design alternatives which included predefined sets of shaft diameter, length, and materials.
- CFD Analysis for the S-355W Spillway (Miami, FL): The spillway is part of the Central Everglades Protection Plan (CEPP). The work was conducted for the USACE Jacksonville District with SFWMD as a Sponsor. Project involved developing a 3D CFD model to analyze flow conditions in the L-29 canal associated with construction of the S-355W spillway and bypass canal.
- Update of Stormwater Master Plans for Miami Dade County. Client Miami-Dade County Principal Engineer for the Update of Miami Dade County's stormwater models of Basins C1, C2, C3, C4, C5 C6, C7, C8, C9, C103. QA/QC Reviewer for the update of basins C100, C102 and C111. The update included submittal of model C8 and C9 to the Federal Emergency Management Authority (FEMA). The project conducts hydrologic and hydraulic modeling for current and future conditions, develops pollutant load estimates, documents the models for each basin, and provide analysis of climate change conditions, including sea level rise for near and long term and provides model simulations reflecting changes in hydrology.
- Hydrologic Modeling of West Miami Dade Reservoir for Phase II, Phase IIIA, Phase IIIB1 and Phase IIIB2 (South Florida): Conducted hydrologic modeling (using MIKE SHE/11) of a proposed 1,200-acre reservoir in existing rock mining facility which could be constructed in West Miami-Dade County, West of Krome Avenue. Work included model development (1,200 square miles of land and 600 miles of canals and pertaining control structures), calibration, simulation of multiple scenarios, data analysis and reporting. The project evaluated the impacts on the West Wellfield, canal flows, and water levels in the Everglades National Park including existing and planned seepage wall at levee L-31N.
- Climate Change Adaptation Planning Assessment and Implementation for the US Virgin Islands. University of West Indies Climate Change Adaptation Planning Assessment and Implementation for each of the US Virgin Islands. Using a 2D numerical model of critical areas, the study evaluates the flood elevations, time of flooding and flood duration statistics and develops flood maps and provides engineering analysis for selected critical infrastructure components.
- Development of 2D hydrodynamic model of Stormwater Treatment Area STA1-W Clients: Development of MIKE FLOOD model which integrates MIKE 11 and MIKE 21, calibration, validation and simulation scenarios for multiple configurations of more than 7,000 acres of the existing STA 1W and proposed 6,000 acres of extension.
- Integrated Surface and Subsurface Flow Model of the Everglades National Park (South Florida): Developed a regional integrated surface and subsurface hydrologic model for more than 1,200 square miles of land and 120 miles of canals) to analyze the changes of hydrology for a range of operation scenarios and hydrologic conditions.
- Development of 2D hydrodynamic model of Stormwater Treatment Area STA-1W (SFWMD): Developed MIKE FLOOD model which integrates MIKE 11 and MIKE 21, calibration, validation, and simulation scenarios for multiple configurations of more than 7,000 acres of the existing STA-1W and proposed 6,000 acres of extension.

Software:
Expert-level knowledge of state of the practice numerical software for 1D, 2D and 3D models (ANSYS, Autodesk CFD, MIKE SHE/11/21/FLOOD/ECOLAB, MODFLOW, XPSWWM, ICPR), spatial analysis using GIS technologies, statistical processing software (SAS, MATLAB), computer programming, and scripting (FORTRAN, C, C++, MATLAB, SAS, PYTHON, UNIX SHELL) AutoCAD Civil 3D, HEC-RAS, ICPR, ArcGIS, MS Project

Samuel Palermo II, P.E

Civil/Environmental Engineer

Summary:

Mr. Palermo has over 21 years of experience in water resources engineering directly related to the Comprehensive Everglades Restoration Plan. His experience is comprised of many critical infrastructure projects in support of the South Florida Water Management District and U.S. Army Corps of Engineers (USACE). He is proficient in a wide range of functions including resident engineer, project management, design management, construction management, construction cost estimating and program planning. His specialty and area of expertise is of projects involving large - scale dams, reservoirs, pump stations, federal levees, spillways, gated structures, culverts, hydraulic and mechanical dredging, coastal structures and conveyance systems throughout south Florida. He has detailed knowledge of the SFWMD infrastructure, standard design specifications, design criteria memorandums, technical review procedures, project formulation and construction quality assurance and quality control procedures. He is also an active Board Member of the American Water Resources Association, Florida Section

Education:

BS Environmental Resources Engineering 2003; SUNY ESF, Syracuse, NY AS Engineering Science, 2001; FLCC, Canandaigua, NY

Licenses & Certifications:

Professional Engineer – FL; 70130
Certified Contractor Quality Management for USACE;
American Society of Civil Engineers; American Water Resources Association Board Member;

Key Projects:

- **USACE S-355W Spillway Design ,** The proposed S-355W spillway project is a component of the overall Central Everglades Planning Project (CEPP) South. The structure is to be located in the L-29 canal, located at the southern extent of the new L-67D Levee (i.e. Blue Shanty Levee), which will intersect with the L-29 levee and extend from the Tamiami Trail northward to the L-67A levee. Acting as the Architect -Engineer (A-E) under a Federal Indefinite Delivery Indefinite Quantity (IDIQ) with USACE Jacksonville, ECP Consultants Inc. was contracted to perform the Project Management required to furnish all necessary services, surveys, field investigations, geotechnical, environmental, utility, real estate, construction cost estimates, CFD modeling, studies, and coordination with SFWMD and FDOT, as required to create detailed engineering and design products, development of optimized project features, preparation of a design documentation report(DDR), construction contract plans, and contract technical specifications. Engineering and design (E&D)consists of incorporating the various design data, investigations, and information provided in the DDR into the plans and specifications (P&S). Work includes performing detailed structural, geotechnical, hydraulic and hydrologic analyses, and design of the project's components. The proposed S-355Wstructure was designed to be a trapezoidal weir concrete spillway with steel vertical lift gates for controlled discharge operations. The proposed structure is a two bay gated spillway with the design capacity 1,200 cfs and a separated FDOT downstream public two-lane traffic bridge. The integrated design required detailed coordination with the Design Leads of SFWMD, FDOT, FPL, AT&T as well as USACE.
- **Dispersed Water Management El Maximo Ranch,** The Garica Companies Designer Engineer of Record; providing Engineering support for the design report, plans and specifications and engineering during construction for a Dispersed Water Management System (DWS) on the EL Maximo Ranch in Osceola County, FL. The DWS is intended to assist in managing source basin runoff from the basin by attenuating peak flows and temporarily storing a portion of stormwater runoff prior to it being conveyed downstream. Flows are received via the Kissimmee River from the west and from the north via Blanket Bay Slough. The DWS will consist of 8 basins isolated by earthen berms. Four Electrical Inflow 100 cfs Pump Station's, nine

Control Structures, ten Overflow Structures, one Turnout Structure and three Canals, all of which will control the water to temporarily capture and detain water within the system. The project will include approximately 29.37 miles of perimeter embankments and 6927 acres of potential storage footprint with all enclosed basins. The purpose of the El Maximo Ranch Northern Everglades and Estuaries Protection Program (NEEPP) Project is to provide regional water quality treatment on approximately 7,030 acres +/ - of land currently used for agriculture purposes in southern Osceola County. The proposed Project area is in the western portion of El Maximo Ranch, west of the main grade. The Project includes pump stations from Lake Kissimmee and Blanket Bay Slough that will pump water onto the property. In addition, stormwater will be detained within the project area by a system of berms and outlets structures to facilitate surface water quality enhancement during periods of low flow or environmental needs. The Project is a public - private partnership between the South Florida Water Management District (SFWMD) and The Garcia Companies.

- **Rio Puerto Nuevo RPN Contract 4B and Contract 5; San Juan, Puerto Rico** Design Engineer providing Engineering support for the Independent Peer Review of the MOT and Civil Design for the Intermediate, Final and Prefinal design report, plans and specifications for the RPN Project. The Channal Walls, Bridges and infrastructure to be impacted consists of utilities, siphon crossing, water mains, Electrical and Telecommunication connections to facilitate the widening of the RPN Channel utilizing drilled shaft walls
- **Development of Dewatering Plans for C-23 & 24 A2 STA** Dewatering Engineer: Developed dewatering plans for 18 structures (including spillways, pump stations and culverts). The STA covers approximately 4,500 acres of farmland that is being converted into a stormwater treatment area. The project includes an earthen cofferdam design and slope stability design, as well as permitting thru SFWMD.
- **Development of Dewatering Plans for C-139 Annex, Client: Ranger Construction and SFWMD** Dewatering Engineer: Developed dewatering plans for 3 structures (including spillways, pump stations and culverts). The C - 139 Annex covers approximately 3,000 acres of farmland that is being converted into a restoration area. The project provides the dewatering Plans for G - 765S, G - 771 and G - 770, including earthen cofferdam specifications and wellpoint design.
- **Development of Dewatering Plans for A2 STA in West Palm Beach,** Dewatering Engineer: Developed dewatering plans for 22 structures (including spillways, pump stations and culverts). The A - 2 Reservoir covers approximately 7,000 acres of farmland that is being converted into a stormwater treatment area. The project includes an earthen cofferdam design.
- **Rio Puerto Nuevo RPN Contract 2B and Contract 2DE; San Juan, Puerto Rico** Design Engineer providing Engineering support for the scoping, assignment, preliminary design report, plans and specifications for the RPN 2B Roosevelt Bridge and 2DE Walls. Utilities included a Siphon crossing, Water Mains, Electrical and Telecommunication connections to facilitate the widening of the RPN Channel utilizing drilled shaft walls.
- **C-139 FEB & Pump Station Design South Florida Water Management District**, Hendry County, Florida Project Engineer; support for development of the Design and the delivery of 100% Plans, Specifications and Design Documentation Report. The C - 139 project is the development of a 2800 acre - 11,000 ac - ft impoundment, 690 cfs pump station, 100 cfs seepage pumpstation, and two outfall structures to manage the excessive flow associated with an event as water is conveyed to storage treatment area. The overall project includes the modeling, survey, geotechnical, engineering and design to support the development of the Final RTA package. These pump stations utilize axial flow pumps, include vacuum priming, seal water pumps, and trash rake systems on the pump intake.
- **Dashields Locks and Dam Guide Wall Stabilization, Pittsburgh, PA.** Engineer providing preliminary engineering design of cofferdam based on subsurface investigations and laboratory testing services. The project included a design documentation report(DDR), plans, specifications, cost, quantities, environmental permits applications, quality control plan, and bidding, and construction plans.

Mahmoud Madkour, Ph.D., P.E., LEED® AP

Civil/Environmental Engineer/Project Management

Summary:
Dr. Madkour's career spanned 25 years with the Florida Fish and Wildlife Conservation Commission. As a Professional Engineer Administrator, he was responsible state-wide for planning and implementing engineering designs and specifications for new or altered roads, trails, bridges, dams, office buildings, parks, water control structures, and other facilities. He prepared technical specifications and bid packages, and ensured that projects complied with purchasing, permitting and LEED standards. He inspected facilities and projects to ensure safety, efficiency and effectiveness. Dr. Madkour oversaw and reviewed habitat and environmental restoration plans/projects, hydrologic assessments, and other works developed by the FWC's Lake Restoration and Wildlife Management Areas staff, water managements districts, and other entities, for lakes, rivers, estuaries, shorelines management, sustainable funding mechanisms, feasibility and recommended improvements. [Relevant Experience: 25 years]

Education:
BSCE Structural Engineering, Ain Shams University, Cairo-Egypt.
MCE Hydrology, Auburn University, Alabama
Ph.D. Fisheries-Water Quality, Auburn University, Alabama

Licenses & Certifications:
Licensed Professional Engineer,
Certified Building Contractor.
LEED® AP (BD+C) by the U.S. Green Building Council.

Key Projects:

- **FDEP Jensen Beach Hydrologic Restoration Project.** The Jensen Beach Hydrologic Restoration Project was intended to restore sheet flow, hydroperiod, and wetland extent within the southern Savannas system, increase quality of wetland habitat, and reduce invasive exotic plant infestations in wetlands and adjacent uplands due to disturbance caused by altered hydrology. These goals are consistent with the Savannas Preserve State Park Acquisition and Restoration Council Approved Unit Management Plan, specifically within Natural Communities Management and Hydrological Management.
- **USFWS Sandy Point National Wildlife Refuge - St. Croix, U.S. Virgin Islands** - Design of Parking Lot and Drainage Repair Reconfigure & Rehabilitation of parking lot to accommodate a minimum of 20 vehicle parking spaces with new wheel stops. Design drainage structures to accommodate pedestrian crossing from parking lot to visitor center with sufficient capacity for stormwater conveyance, as determined by hydrologic assessment findings.
- **East Lake Tohopekaliga Drawdown and Habitat Enhancement Environmental Impact Statement** Developed a comprehensive Habitat Management Plan for East Lake Tohopekaliga (Osceola County, Florida). Renovation would include dewatering of the lake (gravity and pump-down), removal of aquatic plant and sediment with heavy equipment, creation of in-lake disposal islands, installation of temporary dam material (e.g., sheet pile material) to isolate sections of the lake, management of aquatic plants using herbicide and prescribed fire, and planting of native vegetation.
- **West Bay Estuarine Habitat Restoration Phases I, II and III.** Designed, permitted, oversaw construction and managed the construction contracts for eighty (80) oyster reef units within West Bay, St. Andrew Bay, Panama City, a Class II Florida Waterbody. Each reef measured approximately 150-foot by 15-foot (2,250 square-foot of area each).
- **Don Pedro Island State Park Hydrologic Restoration.** Designed, permitted, oversaw construction and managed the construction contract for the removal and regrading approximately 2.79 acres of spoil material

along the 994-foot canal bank of an artificial berm within Don Pedro Island State Park, Cape Haze, Charlotte County.

- **Fisheating Creek WMA – Cowbone Marsh Channel Restoration.** Designed and permitted the restoration of hydrologic connection important to wetland habitat areas in Cowbone Marsh within Fisheating Creek WMA, Glades County. The plans included the construction of 1.2 miles of temporary access road overlaid with composite interlocking mats. Utilize the temporary access road to transport approximately 24,000 CY of sand fill to be excavated and obtained from a nearby borrow pit to backfill about 10,000 feet of an existing channel.
- **Rotenberger WMA Drill Pad Road Removal.** Designed, permitted, oversaw construction and managed the construction contract for the removal of an approximately 3,200 CY of unimproved road (875 feet long, 1.51-acre area) that lead to an abandoned drill pad island within Rotenberger WMA, Palm Beach County.
- **Restoration of Historic Mosquito Lagoon Saltmarsh.** Designed and permitted restoration of a FWC property in New Smyrna Beach to historic saltmarsh. The project included construction of a shoreline stabilization demonstration area with associated educational signage to highlight various industry techniques. The total site footprint including slopes with stabilization features is ~5.2acres. The saltmarsh supports ongoing environmental education and restoration programs in the region.
- **Expert Witness.** Provided expert testimony in hydrology, water resources, environmental restoration and boat ramps construction.
- **East Lake Tohopekaliga Drawdown and Habitat Enhancement Environmental Impact Statement** Developed a comprehensive Habitat Management Plan for East Lake Tohopekaliga (Osceola County, Florida). Renovation would include dewatering of the lake (gravity and pump-down), removal of aquatic plant and sediment with heavy equipment, creation of in-lake disposal islands, installation of temporary dam material (e.g., sheet pile material) to isolate sections of the lake, management of aquatic plants using herbicide and prescribed fire, and planting of native vegetation.
- **Florida Bass Conservation Center.** Managed the Florida Bass Conservation Center project in Sumpter County from concept to construction. This state-of-the-art hatchery is capable of recycling 100% of its water use, and consists of 39,000 square feet under roof, a fish production facility, with offices, labs, conference room, exhibit area with 1,700-gallon aquaria, 63 ponds holding 48 acres of water and producing 1 million advanced fingerling bass, 1.5 million normal fingerling bass, 250,000 sub-adult channel catfish, 1 million striped and sunshine bass fingerlings and 3 million bluegill and/or red ear sunfish fingerlings.
- **Guana Dam Revetment Replacement.** Managed the design and construction of the replacement of Guana Dam Revetment at Ponte Vedra Beach, including dewatering, removal and disposal of an existing concrete mat and concrete rip-rap, installation of sheet piles, grading of earthen dam for new concrete revetment, construction of concrete revetment and pile cap, and erosion and sediment control measures.
- **Hickory Mound Impoundment Embankment Repair.** Managed the design and construction for repairing the embankment around Hickory Mound Impoundment and associated water control structures located in the Big Bend Preserve, which was damaged during hurricane.
- **Yellow Fever Creek Preserve Hydrologic Restoration.** Managed the construction for hydrologic restoration in Yellow Fever Creek Preserve in Lee County. Project involved re-contouring an existing 3-acre pond, removing a berm and filling a ditch (with berm material).
- **Hilochee WMA Hydrological Assessment.** Managed the professional services needed to develop and support restoration strategies and management activities that reestablish sheet flow and rainfall driven hydroperiods in order to improve the function of terrestrial and aquatic habitats within the 16,000-acre Hilochee Wildlife Management Area in Polk and Lake counties.

Malina Harlanova

Civil/Environmental Engineer

Summary:

Experienced project management professional with a strong commitment to team coordination and successful project delivery across all phases of civil and environmental engineering projects. Extensive experience in the development of detailed design plans, technical drawings, construction documentation, and permitting packages for water resources, hydrology, and stormwater infrastructure projects in South Florida.

Proficient in preparing engineering documents that meet regulatory requirements and local, state, and federal permitting standards, including design of stormwater conveyance systems, pump stations, control structures, and site grading. Skilled in compiling and organizing construction documentation, preparing contract specifications, and supporting bidding and procurement processes. Provide construction management and environmental monitoring services to ensure compliance with approved plans, permit conditions, safety regulations, and quality control procedures. Experienced in supporting proposal development, contract execution, project budgeting, and scheduling.

Advanced GIS expertise in ArcGIS Pro, ArcMap, QGIS, and Civil 3D, with expert-level proficiency in Python scripting for automating the analysis of large-scale geospatial and hydrologic datasets. Capable of conducting statistical analysis of hydrologic and environmental data for planning and design purposes. Conduct environmental audits and compliance reviews, including verification of permitting workflows, documentation accuracy, and conformance with applicable regulations and standards.

Education:

2014 GIS Professional Certificate Moscow State Civil Engineering University, Moscow, Russia
2010 MBA International Relations International Academy Of Business And Management, Moscow, Russia
2009 BSBs Civil Engineering Moscow State Civil Engineering University, Moscow, Russia

Key Projects:

- Flood Protection Level of Service of C-111 Watersheds in South Miami-Dade County (SFWMD): Supported development of a 750 square-mile model, including reservoirs, and water supply wells, and canals for an integrated surface and groundwater model to analyze the FPLOS of 6 watersheds in South Miami-Dade County (L-31NS, C-111 AG, Model Land, US1, C-111 Coastal, and C-111 South). The project included development of calibrated and validated models for two recent storms and a series of design storm events along with multiple SLR scenarios and combinations with storm surge. The model considered future land use changes, topography and infrastructure changes. The FPLOS was evaluated using a set of 6 performance metrics. The project also included flood mitigation strategies for future SLR and Storm Surge conditions.
- Sr 907 (Alton Road) Reconstruction, Michigan Avenue to 43rd Street, FDOT District 6 - provided support for drainage design and permitting services for this project. Project improvements includes roadway reconstruction, the design of two (2) major pump station facilities a trunk-line, roadway drainage improvements and seawall reconstruction.
- Analysis and Optimization of Underground Pit Dewatering PFS Shaft and Pump Configuration (Denver, CO): Developed a 3D CAD model to determine feasibility and optimize the proposed design. The project determined the required pump spacing and shaft dimensions and determined the most optimized pump arrangement. The simulations were used to verify that the optimized design provides acceptable flow without appreciable interferences between pumps assembly components and determine head losses in pump screens and other components.
- Hydrologic Modeling of West Miami Dade Reservoir for Phase II, Phase IIIA, Phase IIIB1 and Phase IIIB2 (South Florida): Conducted hydrologic modeling (using MIKE SHE/11) of a proposed 1,200-acre reservoir in existing rock mining facility which could be constructed in West Miami-Dade County, West of Krome Avenue.

Work included model development (1,200 square miles of land and 600 miles of canals and pertaining control structures), calibration, simulation of multiple scenarios, data analysis and reporting. The project evaluated the impacts on the West Wellfield, canal flows, and water levels in the Everglades National Park including existing and planned seepage wall at levee L-31N.

- Climate Change Adaptation Planning Assessment and Implementation for the US Virgin Islands. University of West Indies Climate Change Adaptation Planning Assessment and Implementation for each of the US Virgin Islands. Using a 2D numerical model of critical areas, the study evaluates the flood elevations, time of flooding and flood duration statistics and develops flood maps and provides engineering analysis for selected critical infrastructure components.
- Environmental Audits for Miami Dade Airport Division - Developed environmental audit reports for multiple firms leasing space in Miami Dade Airport. Provided detailed visual inspection of the tenant leasehold property, structures, and related appurtenances; a review of documents made available Environmental Regulatory Compliance Environmental Process Audit by the facility; interviews with site representatives; completion of a detailed compliance audit Ensured all tenants comply with federal, state and local environmental regulatory requirements, as well as to maintain all required permits, licenses and related documentation up to date.
- Environmental and Endangered Species Monitoring for Culverts Repairs for STA1W for the US Army Corps of Engineers, – Provided environmental and endangered species monitoring services for a construction project which consisted of 4-year construction activities on a 6,000-acre site in West Palm Beach, Florida. Assisted in monitoring the project site and adhered to project procedures and requirements according to the scope of USACE Specifications. Monitoring of construction area included daily environmental monitoring which included, environment compliances with construction activities, birds and nesting. Provided Daily Bird Monitoring Reports, submittals of monthly and quarterly environmental surveys, provided completion of logs and final summary report of sightings and incidents with endangered species, and submittal of project environmental summary sheet on environmental incidents. Provided construction administration services for refurbishment structures and gate replacement. Monitored an effective construction quality control program and ensured compliance to all construction regulations, prepared required documents reporting quality and performance of construction work. Maintained records for all construction procedures. Developed logs and summary reports of construction activities required by SFWMD. Ensured compliance to company safety requirements and monitored project from conceptualization to implementation and prepared reports.
- Integrated Civil Engineering and Environmental Services for Urban Planning Project in San Salvador, El Salvador Supported development of civil and environmental feasibility plans for 1000 acres project in the city of San Salvador, El Salvador including stormwater management, green infrastructure implementation, environmental engineering, water treatment and recycling. Develop GIS databases for Land Use, Vegetation, Topography
- Water Level and Water Quality Data Collection for L8FEB Groundwater Modeling: Clients: SFWMD - Provided oversight for the installation of monitoring equipment, data collection, analysis, QA/QC, and reporting for 9 groundwater monitoring well. Analysis of weekly, monthly and quarterly report.

Software:

Proficient in numerical software for 1D, 2D and 3D models (MIKE SHE/11/21/FLOOD/ECOLAB, MODFLOW, ICPR), Spatial analysis using GIS technologies, statistical processing software (SAS, MATLAB), computer programming, and scripting

Andrew D. Gottlieb, Ph.D.

Wetland Restoration and Permitting Specialist

Summary:
Dr. Gottlieb is a nationally-recognized professional scientist who has managed, designed and implemented coastal and wetland water quality studies throughout Florida. Dr. Gottlieb published his research on the effects of hydroperiod and nutrients on the structure and function of Everglades periphyton and plant communities. His peer-reviewed work has appeared in Aquatic Botany, Hydrobiologia and Ecological Indicators. Dr. Gottlieb also coauthored the book Microbiology of the Everglades Ecosystem. He has developed quantitative tools used to evaluate and model hydrology, water quality and vegetation patterns for the $11.9 billion Comprehensive Everglades Restoration Plan. [Relevant Experience: 25+ years]

Education:
Ph.D. Biology and Aquatic Ecology Florida International University
Master of Science Environmental Science and Agricultural Ecology Washington State University Pullman, Washington
Bachelor of Science Biology and Environmental Studies George Washington University

Licenses & Certifications:
Professional Wetland Scientist, ESRI I & II, T&E Site Observation Training
Data Integrity, PADI Basic Diver, Laboratory Radiation Safety.

Key Projects:

- **Water Quality Monitoring and Reporting Services.** Water Quality Bureau Support for FY2024 Restoration Projects Permit Reporting (C-111 SC, Lakeside Ranch & C-44 STA)
- **Ecology and Environmental Scientific and Technology Support Services.**
    - C-51 Canal Sediment Trap and Structure Flow Assessment
    - Biological / Ecological Evaluations of the Lake Okeechobee Watershed Restoration Project C-38 ASR Clusters
    - In-Depth Data Analysis and Integration of C-43 Water Quality Treatment and Testing Project – Phase I Bioassays/ Mesocosms
    - Spatial Soil Sampling in the C-44 and Lakeside Ranch Phase II Stormwater Treatment Areas and the Ten Mile Creek Water Preserve Area (plant taxonomy, soil sampling, and lab analysis)
    - Water Quality Bureau Support for FY2022 New Works /Restoration Projects (C-111 SC, Picayune Strand Rest. Project)
- **Indrio Savannahs Wet Pond Restoration.** Project Manager / Lead Environmental Scientist, Conducted ecological assessments including vegetation, habitat, and topographic mapping. Supported design of wetland sheet flow restoration project elements. H&H model evaluation, environmental permitting and public meeting support.
- **Ancient Oaks Stormwater Treatment Area.** Project Manager/Lead Environmental Scientist, Evaluation and design of a stormwater treatment area for Ancient Oaks Preserve in support of the State of Florida water quality goals outlined in the St. Lucie River and Estuary BMAP. Project included site assessment, public meetings, alternative evaluation, feature design, water quality and H&H modeling, and Environmental Resource Permitting.
- **Loxahatchee River Watershed Restoration Project, Flow-Way 3**. Lead Environmental Scientist/Biologist – Conducted field survey and habitat assessments including vegetation and topographic mapping in support of project design, permitting and operations. Develop performance metrics/quantitative post processing tools to evaluate hydrologic model results. Project includes restoring wetlands on abandoned agricultural lands.

- **East Lake Tohopekaliga Environmental Impact Statement.** Developed the Listed Species Biological Assessment for submission to USFWS. Conducted vegetation and soil mapping surveys. Provided expertise in water quality and ecology to refine project alternatives. Conducted project alternative affects analysis for water quality, wetlands, and fish and wildlife. Provided scientific technical support for public / stakeholder meetings and interagency working groups.
- **Dinner Island Ranch WMA Hydrologic Assessment**. Analyzed the development of restoration strategies and management activities to reestablish sheet flow and rainfall driven hydroperiods to improve the function of terrestrial and aquatic habitats within the 34 square mile WMA. Developed performance measures for hammock and depressional wetland communities. Conducted field assessments including vegetation surveys. Conducted research - aimed at restoration of pasture to wet prairie habitat - comparing the effects of inundation duration on native and exotic seed germination rates.
- **J. W. Corbett WMA Hydrologic Assessment.** Conducted a comprehensive hydrologic and habitat assessment of the 60,000-acre J.W. Corbett Wildlife Management Area in South Florida, focusing on identifying hydrologic impairments and evaluating restoration strategies to improve ecological function. Responsibilities included compiling and analyzing historical hydrologic data, land use, and soil conditions; assessing existing water conveyance infrastructure and natural flow patterns; and identifying constraints to sheetflow and wetland hydroperiods.
    - Developed conceptual and preliminary alternatives for restoring natural hydrology, including recommendations for modifying canals, levees, culverts, and other hydraulic structures. Assisted in the integration of ecological targets with engineering feasibility to support restoration goals consistent with the Everglades restoration framework.
    - Prepared technical memoranda and detailed GIS-based mapping products to support agency coordination. Developed scientific presentations and visual communication materials for stakeholder and interagency meetings, including workshops with the Florida Fish and Wildlife Conservation Commission (FWC), South Florida Water Management District (SFWMD), and other local and state agencies. Supported long-term planning efforts by contributing to restoration prioritization and identifying permitting and implementation pathways.
- **State Road 710 Environmental Assessment/Project Development and Environmental Study/Permitting.** Supported the Environmental Assessment and Project Development and Environment (PD&E) Study for improvements to State Road 710, a critical regional corridor in South Florida. Responsibilities included evaluating the environmental impacts of proposed roadway improvements and identifying measures to avoid, minimize, or mitigate adverse effects on natural resources, including wetlands, listed species habitat, surface waters, and groundwater resources.
    - Performed data collection, GIS mapping, and spatial analysis to delineate environmental features and assess potential conflicts with project alternatives. Contributed to the development of alignment alternatives and roadway design concepts that balance transportation needs with environmental protection.
    - Assisted in the preparation of technical documentation in support of the PD&E process, including wetland evaluation reports, natural resource assessments, and preliminary drainage and stormwater management strategies. Coordinated with regulatory agencies, including the South Florida Water Management District (SFWMD), Florida Department of Environmental Protection (FDEP), and U.S. Army Corps of Engineers (USACE), to ensure project compliance with applicable environmental regulations.
    - Provided permitting support, including preparation of permit applications and supporting documentation for Section 404 (Clean Water Act), Environmental Resource Permits (ERP), and other applicable federal, state, and local permits. Participated in public meetings and interagency coordination to facilitate project approval and maintain transparency with stakeholders.

PATRICK KAIMRAJH, P.E.
Principal Engineer



chen moore and associates

Mr. Kaimrajh is Principal Engineer and Director of Land Development for CMA and specializes in leading and managing civil engineering design, drafting, permitting, and construction inspection. His 17 years of design and project management experience includes preparation of final design packages including paving, grading, drainage collection systems with controlled outfalls and injection wells in coastal areas, water distribution systems, wastewater collection systems and lift stations, pavement marking and signage, traffic control and phasing, and erosion and sediment control plans. He has prepared and overseen engineering, drawings, cost evaluations, design reports and various permit applications. In addition, Mr. Kaimrajh has performed construction inspections for drainage, water main, sanitary sewer, and pavement. He also is skilled in AutoCAD Civil3D, ICPR, EPA SWMM, Cascade, HY-8, WaterCAD, SewerCAD, and StormCAD modeling and design software.

Project Experience:

Miami Beach Sunset Islands 3 & 4 ROW Improvement Program. Ric-Man International. CMA provided civil engineering and landscape architecture for the utility infrastructure and roadway reconstruction of this multi award-winning project consisting of two islands (Sunset Islands 3 and 4) off the Miami Beach west coast, along the inter-coastal waterway. The project was publicly bid as a design-build and funded by the City of Miami Beach. It required coordination with various agencies including the City of Miami Beach, the Miami-Dade Water and Sewer Department (M-D WASD), the Miami-Dade Public Works Department, Army Corps. Of Engineers (ACOE), the Miami-Dade Regulatory and Economic Resources Department (RER) and others. The project consisted of complete roadway reconstruction and grading with new pavement section and curb; the replacement of 8" potable water mains throughout; the lining of existing sanitary sewer mains; a completely new storm water drainage system, including discharge pumps and outfalls; the undergrounding of all existing overhead utilities, new service connections to all properties; landscaping; signage; and striping. Sunset Islands 3&4 was awarded project of the year by the Cuban-American Association of Cuban Engineers (CAACE) and was awarded the Project of the Year award by the American Society of Civil Engineers (ASCE) at the ASCE Florida Section Annual Conference on July 13, 2018. A presentation of the technical components and lessons learned from this project was presented at the conference as well as at the December 2017 Conference of the Florida Stormwater Association (FSA).

Stormwater Master Plan Modeling and Design Implementation. City of Fort Lauderdale. CMA is providing engineering design services as a subconsultant for the Stormwater Improvement Master Plan Modeling and Design Implementation Project under the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. A combination of multiple improvements to the stormwater management system have been developed to alleviate the existing flooding issues within the Victoria Park neighborhood. The proposed stormwater improvements within the Victoria Park neighborhood include separate alternatives for the eastern and western portions of the neighborhood. Within the western portions of the Victoria Park neighborhood, the proposed stormwater improvements consist of installing additional pipe interconnectivity of various existing independent drainage networks located throughout the neighborhood, installing new exfiltration trench, and completing limited roadway swale restoration where feasible. Within the eastern portions of the Victoria Park neighborhood, the proposed improvements consist of interconnecting 6 independent positive outfalls into the Middle River, installing new backflow prevention, and adding a new stormwater pump station. The proposed stormwater improvements within the Victoria Park neighborhood are estimated to be approximately $13 million in construction costs.

Years of Experience: 17

Education

Bachelor of Science, Civil Engineering, University of Miami, 2010

Registration

Professional Engineer, Florida, 78535, 2015

Professional Affiliations

American Society of Civil Engineers

American Water Works Association

Florida Engineering Leadership Institute

Florida Engineering Society

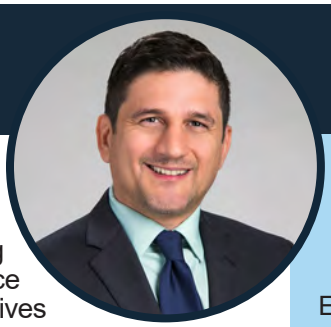
University of Miami Civil Engineering Industry Advisory Board

Urban Land Institute

Awards

2017-2018 Miami-Dade ASCE Engineer of the Year

ALBERTO PISANI, P.E., ENV SP
Principal Engineer



chen moore and associates

Mr. Pisani is a Principal Engineer on CMA's Engineering team with over 18 years of professional experience. His background includes delivering multi-million-dollar programs as an owner's representative project manager and developing Capacity, Management, Operations, and Maintenance (CMOM) programs. He has managed major initiatives such as the Miami-Dade County Stormwater Master Plan and the Beach Renourishment Program. His expertise spans the planning and preparation of basis of design reports, alternative route analyses, and the design of water and sewer main projects ranging from 6 to 60 inches in diameter. He has extensive experience in the evaluation, assessment, and design of pump stations, as well as in the preparation of roadway, paving, grading, and drainage plans. Mr. Pisani has led and managed Sewer System Evaluation Surveys, and provided construction management and inspection services. In addition, he has worked on federal and state grant acquisition and management, utility coordination, public engagement, and environmental permitting.

Project Experience *(Experience prior to joining CMA)*

Miami-Dade Regulatory and Economic Resources Department, Miami-Dade Stormwater Master Plan Update – Miami, Florida. (2021) Project Manager. Miami-Dade County periodically updates its Stormwater Master Plan to address the dynamic nature of environmental, demographic, regulatory, and infrastructure factors affecting stormwater management. The last update was published in 2021 and served as the basis for new regulatory standards with the adoption of new County Flood Criteria and Water Control Maps which establish minimum canal bank, road, and parcel elevation. The published 2021 Stormwater Master Plan includes modeling of system improvements that have mitigated historical surface water drainage challenges, and addressed hydraulic, hydrologic, and regulatory changes over time. The improvements incorporated mitigation and redevelopment projects that have addressed historical surface water drainage challenges, hydraulic, hydrologic, and regulatory changes within the county. The plan includes eleven watershed H&H models which cover approximately 780 square miles of inland and coastal land within and adjacent to Miami-Dade County. The updated watershed models incorporate the hydrologic and hydraulic factors impacting the urban areas of Miami-Dade County for the current conditions and for potential future Sea Level Changes. The watershed numerical models were used to analyze the most current and forecasted data available for population growth, topography, SLR scenarios, land use, groundwater levels, and rainfall volume and intensity. In addition to the hydraulic and hydrologic analysis completed to determine runoff rates and drainage system performance, peak flood geospatial mapping was applied to determine the maximum flood depths. A series of alternative model simulations were developed in sequential manner to analyze strategies for stormwater improvements, mitigation of remaining repetitive losses, and addressing climate change potential impacts. This update is critical for the long-term sustainability and resiliency of Miami- Dade County's civil infrastructure.

Miami-Dade Regulatory and Economic Resources Department – Program Manager, Beach Erosion Control & Hurricane Protection (BEC & HP). Managed the federally authorized BEC & HP program to protect Miami-Dade County's shoreline through beach renourishment and erosion control initiatives. Oversaw project planning, modeling, permitting, funding coordination, interagency agreements, stakeholder engagement, and environmental compliance. Led development and ratification of Project Partnership Agreements with the U.S. Army Corps of Engineers and Interlocal Agreements with municipalities. Delivered multiple federally funded shoreline projects including the Surfside, Bal Harbour, Sunny Isles, and Miami Beach truck hauls—placing over 1.8 million cubic yards of sand with a total construction value exceeding $95 million. Directed modeling efforts to evaluate and design breakwater structures for long-term shoreline resilience and sustainability, with projects pursuing Envision certification.

Years of Experience: 18

Education

Bachelor of Science, Civil Engineering, Florida International University, 2007

Master of Science, Environmental Engineering, Florida International University, 2011

Registration

Professional Engineer, Florida, 77002, 2013

Professional Affiliations

Florida Water Environment Federation

American Society of Civil Engineers

American Water Works Association

Chi Epsilon

Cuban American Association of Civil Engineers

CWP

EWB

FFMA

FSBPA

Golden Key

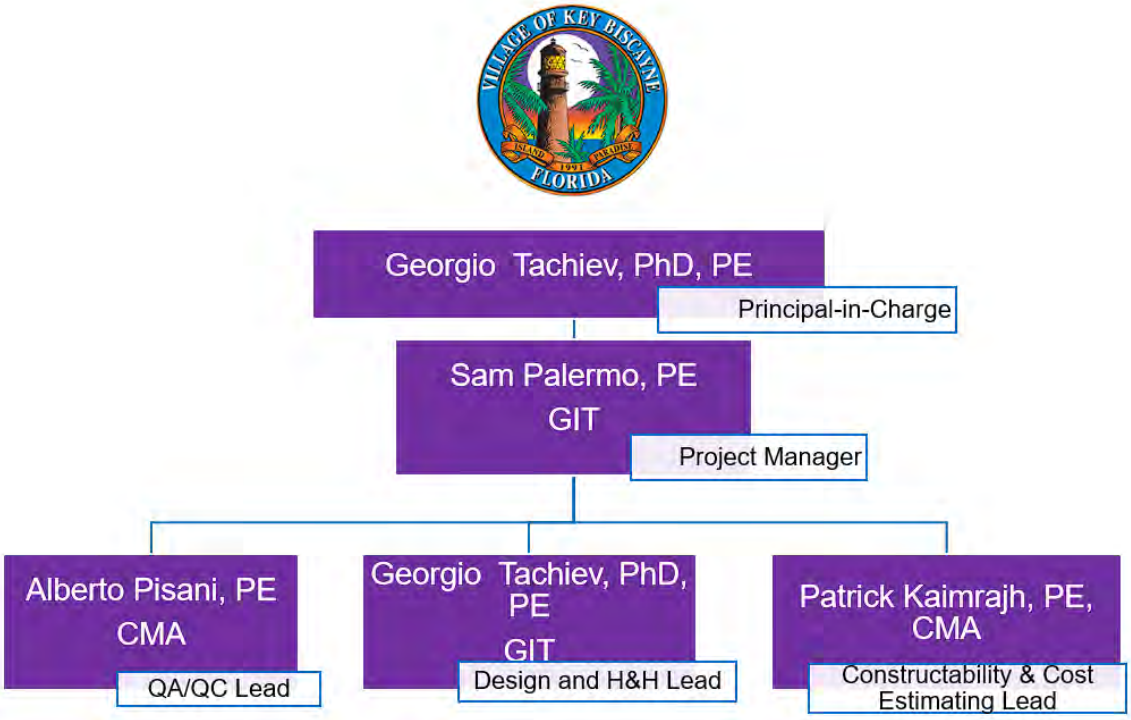
Tau Chi Alpha

Water Environment Federation

Certifications

Envision Sustainability Professional

Attachment D – Team Organizational Chart:



A one-page organizational chart is included, showing the structure of our project team as described in Tab C. It identifies the Prime and Subconsultant roles, the reporting structure, and names/titles of key individuals. This chart helps visualize how the team is organized to execute the project.

Short Biographies

Dr. Georgio Tachiev, PhD, PE (GIT)

Dr. Tachiev is a civil/environmental engineer with over 30 years of experience in stormwater, water resources, and environmental restoration. He brings direct expertise in integrated 1D/2D/3D hydrologic and hydraulic modeling using MIKE SHE, MIKE+ and ANSYS CFD for complex canal and stormwater systems in South Florida. He led the Miami-Dade County stormwater basin model updates and developed FPLOS evaluations using custom performance metrics and climate change projections. His role as Project Manager includes

planning, QA/QC, technical oversight, and integration of CFD and hydrologic simulations for urban and coastal infrastructure design.

Samuel Palermo II, PE (GIT)

Mr. Palermo has over 21 years of experience supporting USACE and SFWMD stormwater and infrastructure projects, including large-scale pump stations, gated spillways, and stormwater treatment areas. He specializes in dewatering, construction-phase support, and permitting. His projects include the CEPP S-355W spillway and the El Maximo Ranch DWS project, where he supported 2D hydraulic and civil designs of large-scale storage and control systems relevant to stormwater attenuation and planning.

Dr. Mahmoud Madkour, PE, LEED AP (GIT)

With over 25 years at the Florida Fish and Wildlife Conservation Commission, Dr. Madkour has designed and managed stormwater structures, hydrologic restoration projects, and habitat enhancements. His experience includes design and permitting for roads, bridges, culverts, and water control structures. His work emphasizes low-impact development and hydrologic modeling for system restoration. He is experienced with planning-level evaluations critical for alternative analysis in environmentally sensitive areas.

Dr. Andrew D. Gottlieb, PhD (GIT)

Dr. Gottlieb is a nationally recognized wetland scientist and water quality specialist with over 25 years of experience in coastal and inland water systems. His background includes water quality modeling, ecological impact assessments, and permitting support for restoration and flood control projects such as Indrio Savannahs, East Lake Tohopekaliga, and the C-43 and C-111 restoration systems. His expertise supports stormwater projects requiring ecological integration and regulatory compliance.

Patrick Kaimrajh, PE (CMA)

Mr. Kaimrajh has 17 years of civil design and permitting experience in coastal and urban environments, with strong knowledge of AutoCAD Civil3D, ICPR, and EPA SWMM. He led the multi-award-winning Sunset Islands 3 & 4 stormwater retrofit and is involved in Fort Lauderdale's Stormwater Master Plan Implementation. His experience includes system

interconnection, pump stations, and stormwater outfalls applicable to alternative design solutions for flood-prone urban areas.

Alberto Pisani, PE, ENV SP (CMA)

Mr. Pisani served as project manager for the 2021 Miami-Dade County Stormwater Master Plan update, overseeing modeling of 11 watersheds covering over 780 square miles. He has also managed coastal erosion control projects and sewer system evaluations. His modeling and planning experience, particularly under sea level rise scenarios, is directly aligned with the RFQ's goals for resilient alternative stormwater planning

Attachment E – Project Sheets (Relevant Experience):

To supplement our references and resumes, we have attached a few short project description sheets for select relevant projects completed by our team members. These one-page sheets highlight project scope, client, year, and outcomes for projects such as:

Projects by GIT Consulting LLC:

1. **Stormwater Management Program Master Plan Update (FY2017–FY2020)** – Miami-Dade County RER
2. **Flood Protection Level of Service (FPLOS) of South Miami-Dade** – SFWMD
3. **South Miami-Dade County FPLOS for Current and Future Conditions** – SFWMD
4. **Upper Kissimmee Basin FPLOS Mitigation and Adaptation Strategy** – SFWMD
5. **C-111 Basin FPLOS and Mitigation Strategy Evaluation** – SFWMD
6. **Design Services for a 100 cfs Pump Station and Cutler Marsh and Mangroves Coastal Restoration** – Miami-Dade County (DERM), SFWMD, USACE
7. **Miami-Dade County – Systemwide Stormwater Quality Update** – Miami-Dade County DERM

Projects by Chen Moore and Associates:

1. **Treasure Island Drainage Improvements – Phase II** – North Bay Village
2. **C2, C3W, C4, C5, and C6 Watersheds FPLOS Assessment** – SFWMD
3. **Miami Beach Sunset Islands 3 & 4 ROW Improvement Program** – City of Miami Beach (Ric-Man International)

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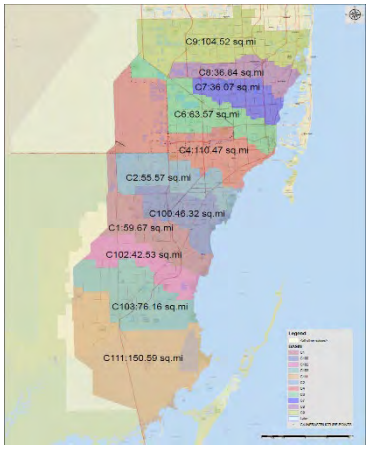
3. **Miami Beach Sunset Islands 3 & 4 ROW Improvement Program** – City of Miami Beach (Ric-Man International)

Project
Stormwater Management Program Master Plan Update (FY2017-FY2020)
Miami Dade County, Florida

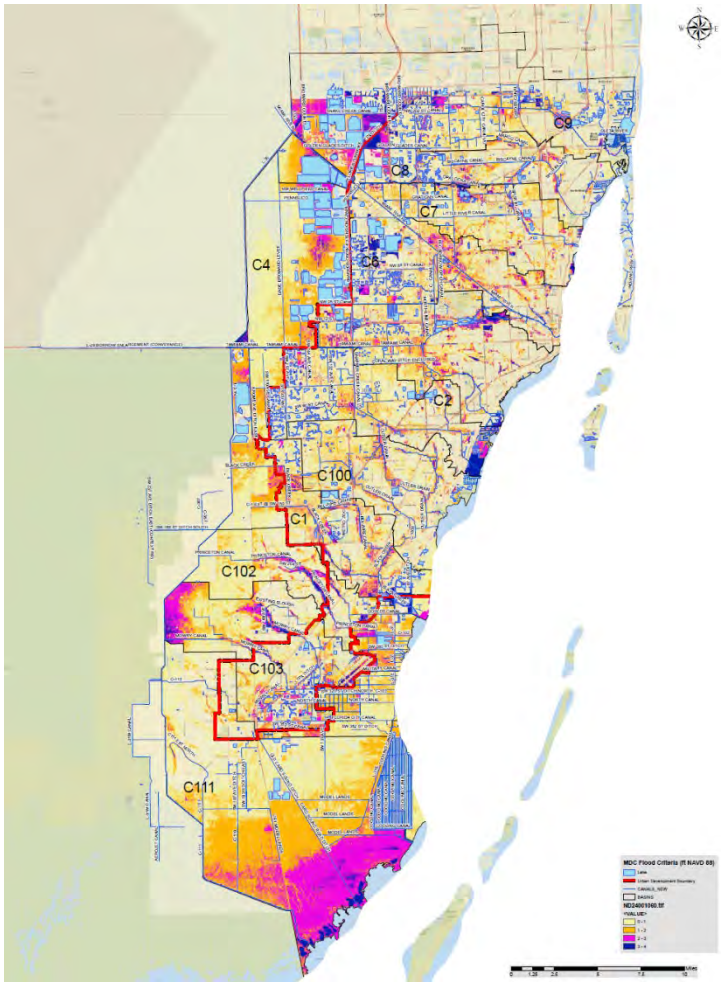


Client
DEPARTMENT of Regulatory and Economic Resources (RER)
Miami-Dade County
701 NW 1st Court,
Miami, FL 33136
E. Nortelus, PE, ph 305-372-6684
elius.nortelus@miamidade.gov

Contract
Start: March 2017 Complete: March 2020

Description
GIT Consulting LLC updated Miami Dade County's stormwater models of basins C1, C2, C3, C4, C5 C6, C7, C8, C9, C103 and provided QA/QC Reviews for the update of basins C100, C102 and C111. The update included submittal of model C8 and C9 to the Federal Emergency Management Authority (FEMA). The project conducts hydrologic and hydraulic modeling for current and future conditions, develops pollutant load estimates, documents the models for each basin, and provide analysis of climate change conditions, including sea level rise for near and long term. Developed Flood Maps for future scenarios 2019, 2040, 2060 and 2100, including 5, 10, 25, 50, 100, 500 and 1000 YR events for 24 and 72 hours duration.

- Models were applied to update Miami-Dade County's Flood Criteria and Water Control Maps (based on 25 YR 72 HR events)
- Provide analysis of alternative mitigation strategies,
- including installation of backflow preventers,
- updates of levee banks
- improving interconnectivity of the stormwater system and
- installation of pumping components



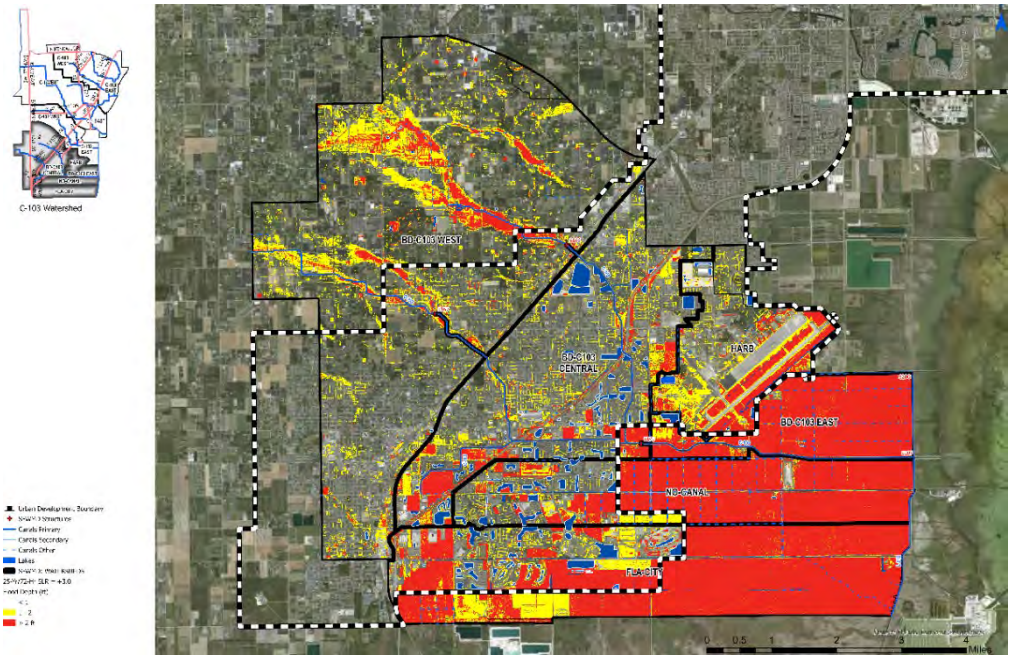
Project
Flood Protection Level of Service of South Miami-Dade
Miami Dade County, Florida

Client
Lehar M Brion, lbrion@sfwmd.gov, South Florida Water Management District

Contract
Start: March 2020 Completed: May 2022

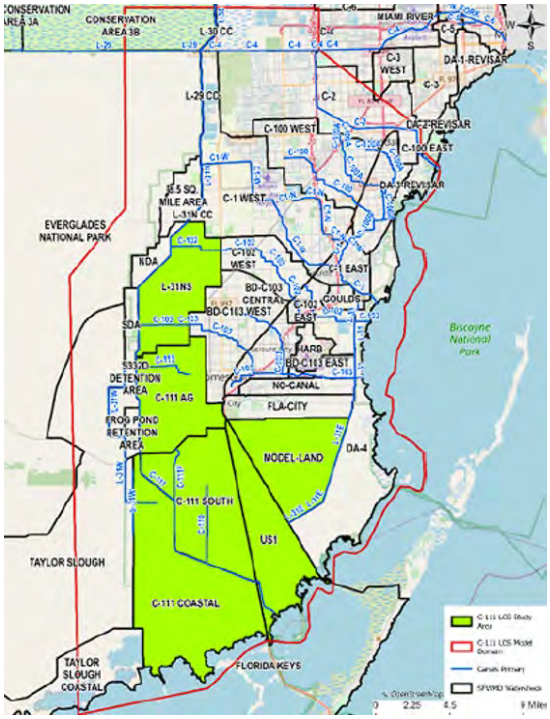
Description
GIT Consulting LLC Developed an integrated hydraulic and hydrologic model for the systemwide initiative by SFWMD to review of its regional water management infrastructure to determine the flood protection level of service (FPLOS). The FPLOS describes the level of flood protection provided by the SFWMD water management facilities within south Miami-Dade C-1, C-100, C-102 and C-103 watersheds under both current and future conditions, where future conditions FPLOS considers future development and Sea Level Rise (SLR). The FPLOS performance metrics rely on the existing conditions and future conditions model outputs resulting from design short-term high intensity rainfall events.

Miami-Dade County Watershed C-103



The FPLOS describes the level of flood protection provided by the SFWMD water management facilities within south Miami-Dade C-1, C-100, C-102 and C-103 watersheds under both current and future conditions, where future conditions FPLOS considers future development and Sea Level Rise (SLR). The FPLOS performance metrics rely on the existing conditions and future conditions model outputs resulting from design short-term high intensity rainfall events. The project provides a summary of proposed preliminary mitigation projects based on the analysis of current and future hydrologic conditions of existing drainage infrastructure within Miami-Dade's C-1, C-100, C-102 and C-103 watersheds. The summary reviews drainage challenges and suggests possible improvements of the hydraulics and operation of the primary conveyance system and drainage infrastructure. A series of infrastructure upgrades are suggested to preserve and improve the performance of the primary conveyance infrastructure for future hydrologic conditions with consideration of potential sea level rise and storm surge conditions. Additional local infrastructure improvements are taken into considerations which can be further developed in collaboration with Miami-Dade County.

Project
SOUTH MIAMI DADE COUNTY FLOOD PROTECTION LEVEL OF SERVICE ASSESSMENT FOR CURRENT AND FUTUTRE CONDITIONS

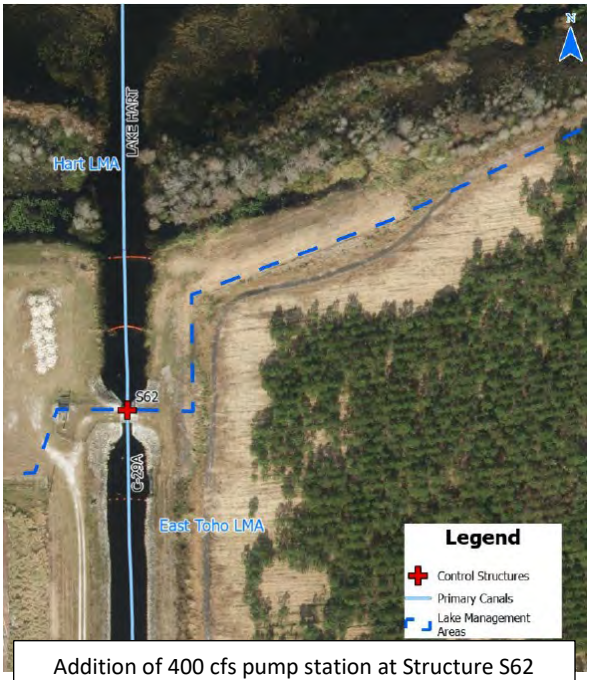


Client
SFWMD
Point of Contact: Carol Ballard, PE (561) 682-2336, cballard@sfwmd.gov
Year Completed: 2024
Contract Amount: $647,000

Description
The South Florida Water Management District (SFWMD) has conducted evaluation of the Flood Protection Level of Service (FPLOS) of SFWMD operated infrastructure in four watersheds in Miami-Dade County (C-1, C-100, C-102 and C-103). The objective was to determine the performance and potential deficiencies of the drainage infrastructure for current and future hydrologic conditions. The evaluation took into consideration future changes in land use, topography, drainage infrastructure, and potential Sea Level Rise (SLR) and storm surge levels in Biscayne Bay. The analysis was based on using an integrated MIKE SHE and MIKE 1D numerical model to provide the FPLOS analysis. The model domain covers approximately 750 square miles and is bounded by L-31N canal to the west, C-4 watershed to the north, C-111 canal to the south and Biscayne Bay to the east. The model was calibrated to peak stages and peak flows for Hurricane Irma (September 2017) and was validated for a heavy storm event in December 2015. The numerical model was applied to analyze a set of design events including 5-yr, 10-yr, 25-yr and 100-Year storm event with a duration of 72 hours for a range of potential Sea Level Rise (SLR) changes of 0, +1, + 2 and +3 ft. The tailwater timeseries for each return interval for the coastal structures (S22, S123, S21, S21A, S20F, S20, S197 and S20G) were developed for Hurricane Irma from 2017 and scaled to represent 5-yr, 10-yr, 25-yr and 100-Year design storm conditions. A simulation set of sixteen simulations (comprised by four design events and four SLR changes) were applied to determine and summarize the watershed response in a set Performance Metrics analysis of six items (PM1 through PM6). The peak stage in the canals was analyzed in PM1 and is based on the maximum stage in the primary canals to determine the potential overtopping of the primary and secondary canals. The peak discharge capacity of the 12-hr average discharges is provided in PM2 and includes the maximum daily discharge capacity through the control structures scaled by the drainage area. The computed discharges at each tidal structure were compared to the structure capacity as defined by the original static design conditions in PM3. The peak discharge capacity of the coastal structures is presented in PM4 which reflects the Peak Storm Runoff and determines the maximum conveyance capacity. The return frequency and extent of flooding was evaluated under PM5 and is presented in a set of hi-resolution maps. The duration of flooding determines the time required for surface water stages to recede to non-flood levels and was presented in a set of flood duration maps as PM6. The Performance Metrics of each watershed quantifies the performance of the drainage infrastructure within each watershed for a broad range of extreme rainfall and tailwater design events and determines the need for required future infrastructure upgrades to preserve the drainage capacity for future changes in hydrology and climate.Quality Assurance (QA) and Quality Control (QC) involved ensuring rigorous data collection, calibration, and verification protocols. Clear documentation helped maintain compliance with regulatory standards. Effective QA/QC management included dedicated roles, systematic risk assessments, and robust communication channels to promptly address issues. Submissions to a review team and promptly addressing their comments were integral, ensuring feedback was incorporated for continuous improvement.

Project
Upper Kissimmee Basin Flood Protection Level of Service (FPLOS) Mitigation and Adaptation Strategy

Client
SFWMD
Client Contact: Francisco Peña 561-682-2531
fpena@sfwmd.gov
Project Duration: April 2024 – April 2025
Contract Amount: $650,00



Addition of 400 cfs pump station at Structure S62

Description
The Upper Kissimmee Basin (UKB) FPLOS Phase I project is a comprehensive flood vulnerability assessment and mitigation planning effort conducted over a 3,560-square-mile model domain spanning 26 watersheds across Osceola, Orange, and Polk Counties. The project focused on evaluating the current and future performance of SFWMD's primary water control infrastructure using hydrologic and hydraulic modeling, and identifying deficiencies in canal banks, pump stations, and water control structures.The assessment incorporated future rainfall intensification scenarios, sea level rise impacts, and storm surge conditions, using six performance metrics to determine the flood protection level of service (FPLOS) under 5-, 10-, 25-, and 100-year storm events. The model was calibrated using Hurricane Irma and validated with the 2011 No-Name Storm, and results highlighted several infrastructure vulnerabilities throughout the basin.

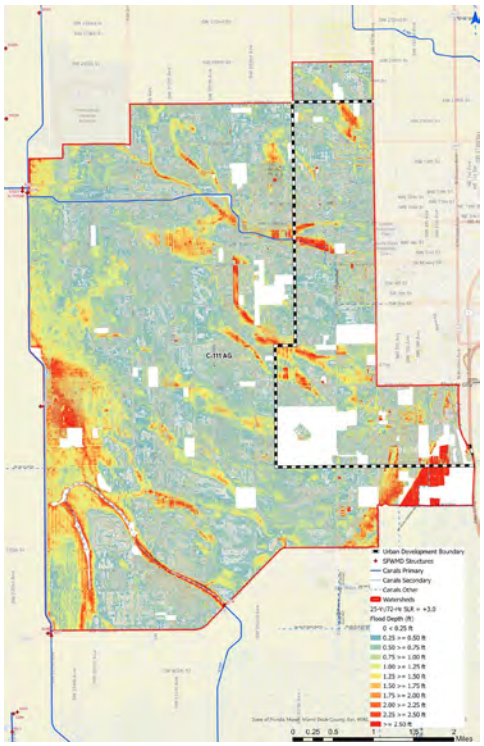
The project developed detailed, site-specific mitigation strategies including:

- Canal bank elevation retrofits at over 20 locations, totaling 52.8 miles and over 4.3 million cubic yards of fill material.0
- Pump station upgrades at 12 key control structures (S58, S60, S63, S63A, S61, S65, G103, G111, G113, etc.), adding a total of 6,450 cfs discharge capacity with a combined construction cost of $487 million.
- Spillway enlargements and structural modifications to accommodate higher flows via increased weir widths and gate sizes.
- Green infrastructure elements, such as wetland storage areas (5,770 acres total) across Alligator, Cypress, Gentry, and Kissimmee LMAs, at an estimated cost of $86.6 million, intended to reduce peak flows and enhance ecological benefits.
- Secondary drainage improvements, flood-prone neighborhood interconnections, and backflow prevention retrofits for urbanized regions.

This project represents a model for large-scale, infrastructure-based flood resilience planning, blending detailed simulation, vulnerability analysis, and cost-benefit prioritization. The use of detailed cost modeling, not high-level estimates, enabled the development of actionable, fundable alternatives directly linked to stormwater system capacity and operational enhancements. Detailed Cost Estimates were developed for each mitigation alternative, with full breakdowns for construction, contingency, permitting, and life-cycle maintenance. Integration with Regional Mitigation Plans (Osceola LMS, East Central Florida RPC) and prioritization for Hazard Mitigation Grant Programs (HMGP). Coordination with FDOT, county governments, and SFWMD regulatory and operational staff for feasibility validation, regulatory review, and permitting alignment. The inclusion of green infrastructure alongside gravity conveyance and mechanical upgrades positions this effort as a balanced, replicable approach to flood mitigation across similarly urbanizing watersheds in South Florida.

Project
C-111 Basin Flood Protection Level of Service (FPLOS) and Mitigation Strategy Evaluation

Client
South Florida Water Management District
Client Contact: Francisco Pena 561-682-2531
fpena@sfwmd.gov
Project Duration: 2022-2024



The C-111 Basin FPLOS Evaluation addresses flood protection performance across one of Miami-Dade County's most environmentally sensitive watersheds. The C-111 Basin, located in the southernmost portion of the County, spans approximately 476 square miles and includes critical wetland systems, canal infrastructure, and urbanizing fringe areas. This project assessed current flood protection under 5-, 10-, 25-, and 100-year storm events, evaluated system deficiencies, and developed engineering mitigation strategies to enhance service levels across the basin. The approach involved integration of hydrologic and hydraulic (H&H) modeling, canal conveyance evaluation, structure capacity analysis, and future condition scenario modeling that included climate change and sea level rise impacts .

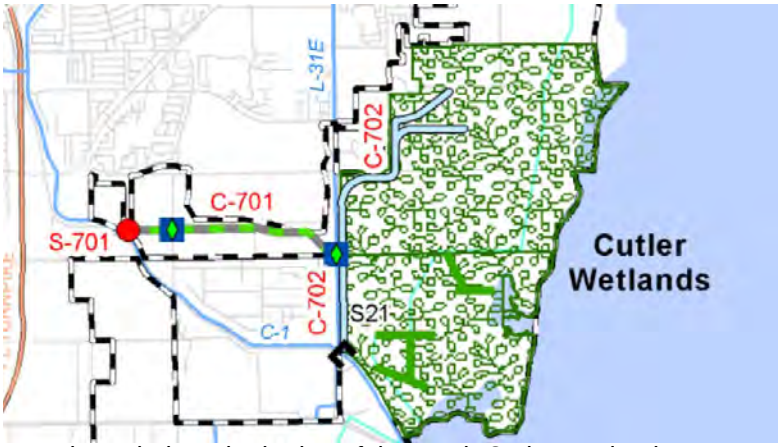
A MIKE SHE/MIKE 11 integrated H&H model was applied to simulate surface and subsurface interactions and compute performance metrics such as bank overtopping, road inundation, and peak flow exceedance at major SFWMD and County infrastructure points. Performance thresholds were benchmarked to evaluate where the C-111 system fails to meet current or future LOS targets.
Based on the model outputs, the team developed site-specific mitigation strategies focused on:

- Pump station retrofits and capacity upgrades
- Canal bank elevation and cross-section improvements
- Improved stage-storage connectivity across wetlands
- Operational adjustments to existing water control structures
- Targeted improvements to low-lying access roads and adjacent development parcels

All mitigation alternatives were subjected to detailed cost estimation, including materials, excavation volumes, structure retrofits, and staging constraints. Cost estimates followed itemized formats using FDOT and SFWMD unit pricing for embankment, concrete, mechanical, and site work quantities. Conceptual designs were evaluated with respect to constructability, environmental compliance, and cost-benefit prioritization. The project provides an actionable, technically supported framework for enhancing flood protection throughout the C-111 Basin. Key benefits include the identification of vulnerable sub-basins and canal segments, which enables prioritization of future capital improvements and funding strategies. The project delivers climate-resilient engineering solutions that align with SFWMD's adaptive infrastructure goals and includes detailed mapping of flood extents and infrastructure performance to support coordination with partner agencies such as the U.S. Army Corps of Engineers and Everglades National Park. Additionally, the analysis provides technical justification for funding through the FEMA Hazard Mitigation Grant Program (HMGP) and facilitates integration into the Capital Improvement Plan (CIP). A structured cost analysis of mitigation alternatives allows comparison based on both effectiveness and cost-efficiency.

Project
Design Services for a 100 cfs Pump Station and Cutler Marsh and Mangroves Coastal Restoration

Client
Miami-Dade County (DERM), South Florida Water Management District, U.S. Army Corps of Engineers
Client Contact: Elius Nortelus (305) 372-6684
elius.nortelus@miamidade.gov
Project Duration: 2025-Ongoing
Contract Amount: $710,000



This multi-agency effort aims to restore 135 acres of coastal wetlands and upland forests adjacent to Biscayne Bay and Biscayne National Park. The primary goal is to re-establish natural sheet flow of freshwater through the rehydration of the North Cutler Wetlands, a sensitive ecological corridor owned by SFWMD. The project supports coastal resiliency, aquifer recharge, and ecosystem health, while reducing pulsed discharges into Biscayne Bay.

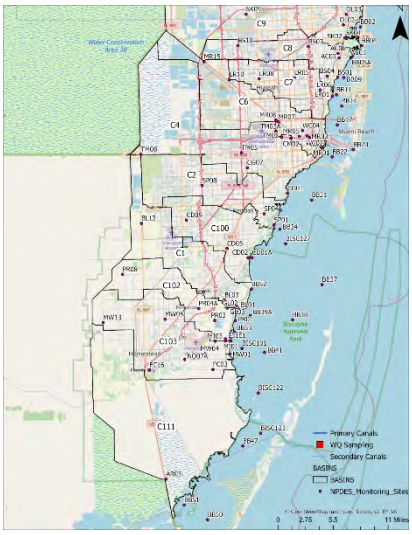
Scope of Mitigation and Restoration
The proposed conceptual design includes the following engineered and nature-based improvements:

- Pump station intake from the C-100 canal at 100 cfs capacity, with control structure improvements under USACE and SFWMD jurisdiction.
- Approximately 3,900 linear feet of buried HDPE or steel discharge piping, to be installed via directional bore and open cut through urban and sensitive preserve areas.
- Construction of a cast-in-place U-shaped concrete spreader canal, designed for multiple flow paths and operational modes, discharging uniformly across the restoration area.
- Hydrologic regrading of mosquito ditches and sheet flow corridors to ensure non-erosive distribution of flow through the site.
- Integration of aeration features such as boulder cascades at the discharge points for both ecological and aesthetic enhancement.
- Restoration staging and access coordination through Bill Sadowski Park, with full rehabilitation of construction zones

GIT Consulting is responsible for delivering complete design and permitting services for the project. This includes the preparation and submittal of 60%, 90%, and 100% design phases, each comprising full engineering plan sheets, cross sections, technical specifications, and signed and sealed construction documents. Each design milestone will be accompanied by a detailed construction cost estimate developed in accordance with AACE Class 3 standards to ensure cost reliability and support funding and permitting decisions.

Additionally, the scope includes all necessary permit application packages required by the U.S. Army Corps of Engineers (USACE), the South Florida Water Management District (SFWMD), the Florida Department of Environmental Protection (FDEP), and Miami-Dade County. The engineering design will account for site-specific considerations including flood attenuation, seepage control, and hydraulic resilience. Design options will incorporate operational flexibility through elements such as adjustable weirs, riprap dissipation basins, and multiple outlet configurations to support staged flow delivery.

Project
Design Services for a 100 cfs Pump Station and Cutler Marsh and Mangroves Coastal Restoration



Client
Miami-Dade County (DERM)
Client Contact: Amy Cook (786) 683-5844
Amy.Cook@miamidade.gov
Project Duration: 2022-2024
Contract Amount: $200,000

This countywide assessment provides a comprehensive technical evaluation of stormwater-driven nutrient loads discharged to Biscayne Bay from Miami-Dade County's primary canal system. The project developed a fully integrated geodatabase of water quality and hydrologic time series for 11 principal watersheds (C-1 through C-111), focusing on the interaction between urban stormwater runoff, septic system leakage, and coastal ecosystem health.

The analysis synthesized over 1.75 million water quality records and 1.2 terabytes of stormwater and septic system data, using NPDES sampling results, flow records from SFWMD's DBHYDRO database, and a countywide inventory of 126,650 septic systems. This information formed the basis for calculating annual nutrient loads to Biscayne Bay and identifying watershed-specific pollutant sources.

The assessment used GIS-based spatial analysis and first-order pollutant transport modeling to evaluate the leakage risk from septic systems across all watersheds. For each parcel, distance to the nearest water body was used to derive a leakage risk score. Watersheds C-4, C-100, and C-7 exhibited the highest potential for nutrient loading from septic tanks, with over 32,000 systems located within 1,000 feet of a canal or shoreline.

A hydrologic mass balance model was developed to estimate daily nutrient loads from canals, groundwater, atmospheric deposition, and tidal exchange. For each subregion of Biscayne Bay (North, Central, and South), the model calculated Total Nitrogen (TN) and Total Phosphorus (TP) contributions from point and non-point sources, and apportioned loading by canal discharge and diffuse deposition.

Green Infrastructure (GI) strategies were evaluated for both urban and agricultural land uses, with site-specific recommendations provided for bioswales, wet detention basins, pervious surfaces, and stormwater retention retrofits. These GI approaches are aligned with updated stormwater water quality standards, requiring up to 95% pollutant load reductions in Outstanding Florida Watersheds (OFWs)

This project forms the technical foundation for stormwater policy development, watershed management, and the Biscayne Bay Water Quality Improvement Plan. Key benefits include: A geospatially resolved, risk-weighted ranking of all 11 major watersheds for nutrient leakage from septic systems under both current and future sea level rise conditions. A daily resolution nutrient budget for Biscayne Bay using observed hydrologic and water quality data, providing subregional load estimates by source. Quantitative guidance for septic-to-sewer conversion prioritization, particularly in C-4, C-100, and C-7, where leakage risks and nutrient loads are highest. Recommendations for stormwater system retrofits and green infrastructure implementation, with emphasis on high-density urban basins. Strategic input to NPDES compliance, groundwater protection, and coastal ecosystem restoration, supporting Biscayne Bay's long-term ecological resilience.

Project
Treasure Island Drainage Improvements – Phase II for North Bay Village
Miami Dade County, Florida

Client
North Bay Village

Start: 2017 Ongoing

Description

CMA is providing engineering to mitigate existing and projected future flooding conditions on Treasure Island, CMA is designing a new pressurized drainage system with sufficient capacity to capture, convey, and discharge stormwater runoff in a timely manner for the Phase II area (per the Storm Water Master Plan (SWMP).

Phase II is comprised of the S Treasure Drive right of way, from approximately 120' east of Adventure Ave. to approximately 100' east of Hispaniola Ave. (roughly 1,1470LF total). CMA is providing design, permitting and bid support services for a new storm water conveyance system, duplex pump station (including deep injection well(s)), and associated pavement restoration and potable water main relocation (associated with the pump station siting near Cutlass Ave.) for the Phase II basin.



CMA's plan encompasses a range of engineering services:

- Hydraulic modeling and pipe sizing: Utilizing SWMP stormwater flow data to ensure system capacity and performance.
- Pump station design: Duplex electric pumps, control systems, emergency power, and injection-well integration designed for flood resilience.
- Trench infrastructure: Open-cut installation of pressure-rated pipe, potentially using bored/drilled jack-and-bore under roads to minimize disruptions—reflected in the trench imagery above.
- GIS-based mapping and elevation planning: As seen in the GIS layout image, CMA uses geospatial data to align infrastructure with basin hydrology and existing utilities.

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Project

C2, C3W, C4, C5 and C6 Watersheds FPLOS Assessment for Current and Future Sea Level Rise Conditions

Miami Dade County, Florida

Client

South Florida Water Management District

Contract

Start: 2022-2024

Description

Project Description: On behalf of the South Florida Water Management District (SFWMD), CMA prepared a Flood Protection Level of Services (FPLOS) analysis for the C2, C3W, C4, C5, and C6 watersheds in central Miami-Dade County. This effort involved developing a calibrated and validated hydrologic and hydraulic (H&H) model of the subject watersheds, while considering the interconnectivity of the canal network.

Overall, the FPLOS analysis included five (5) separate tasks. Task 1 consisted of selecting a model and collecting data. Task 2 consisted of developing an integrated, groundwater-surfacewater modeling tool. Task 3 consisted of calibrating and validating the model for the roughly 200 square mile model domain. Task 4 consisted of simulating the design storm events for existing conditions and determining the FPLOS. Task 5 consisted of simulating future sea level rise conditions and determining the FPLOS. The primary tool used for analysis was the MIKE-SHE software which provides an integrated surface water-groundwater model of the region. This information was used by local governments, the SFWMD, and other state and federal agencies to identify areas where improvements to the design, construction and operation or upgrade of water management facilities were required.

CMA has presented the findings of this project at the following conferences:

- Greater Everglades Ecosystem Restoration Conference 2023
- Florida Stormwater Association Annual Conference 2023
- ASCE Florida Section Annual Conference 2023
- AWRA National Conference 2023 (Raleigh, NC)

The completed model provided decision-makers with actionable insight into which portions of the canal and drainage network are at risk of reduced performance under climate change scenarios. CMA's analysis identified potential deficiencies in water conveyance, discharge capacity, and groundwater seepage barriers. The results of the FPLOS analysis are being utilized by SFWMD and partner agencies, including local governments and the U.S. Army Corps of Engineers, to prioritize upgrades, operational modifications, and capital improvement projects. Recommendations included canal dredging, pump station upgrades, tailwater management strategies, and additional groundwater recharge control structures.

Project
Miami Beach Sunset Islands 3 & 4 ROW Improvement Program

Miami Dade County, Florida



Client
Ric-Man International (for the City of Miami Beach)

Contract
Start: 2022-2024

Description

Project Description: CMA provided civil engineering and landscape architecture for the utility infrastructure and roadway reconstruction of this multi award-winning project consisting of two islands (Sunset Islands 3 and 4) off the Miami Beach west coast, along the inter-coastal waterway. The project was publicly bid as a design-build and funded by the City of Miami Beach. It required coordination with various agencies including the City of Miami Beach, the Miami-Dade Water and Sewer Department (M-D WASD), the Miami-Dade Public Works Department, U.S. Army Corps. Of Engineers (USACE), the Miami-Dade Regulatory and Economic Resources Department (RER) and others.

The project consisted of complete roadway reconstruction and grading with new pavement section and curb, the replacement of 8" potable water mains throughout, the lining of existing sanitary sewer mains, a completely new storm water drainage system, including discharge pumps and outfalls, the undergrounding of all existing overhead utilities, new service connections to all properties, landscaping, signage and striping. The project included two (2) new duplex submersible axial flow stormwater pump stations, one for each island. The pumps for Sunset Island 3 and Sunset Island 4 are 110-hp and 90-hp and operate at approximately 23,000 gpm and 18,000 gpm, respectively. The pump station wet wells were designed with gravity bypass pipes with check valves and the control panels are equipped with variable frequency drives (VFDs) on elevated pads.

Sunset Islands 3&4 was awarded project of the year by the Cuban-American Association of Cuban Engineers (CAACE) and was awarded the Project of the Year award by the American Society of Civil Engineers (ASCE) at the ASCE Florida Section Annual Conference on July 13, 2018. A presentation of the technical components and lessons learned from this project was presented at the conference as well as at the December 2017 Conference of the Florida Stormwater Association (FSA).

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Attachment F – Required Licenses and Certificates:

This section provides:

- Copies of GIT Consulting's Florida Department of State business registration and Professional Certificate of Authorization, as well as Chen Moore & Associates' Certificate of Authorization, are attached.
- Additionally, copies of Florida Professional Engineer licenses for the PEs on our team are provided.
- These documents verify our compliance with lic ensing requirements (per RFQ Section 3.3).

1	Florida Certificate of Status for GIT Consulting– GIT Consulting
2	Local Business Tax (Corporate) receipt – GIT Consulting
3	Local Business Tax (Individual) receipt– GIT Consulting
4	Business Tax Receipt (BTR) – GIT Consulting
5	Certificate of Use (CU) – GIT Consulting
6	Miami-Dade Small Business Enterprise (Architecture & Engineering) certification– GIT Consulting
7	Miami-Dade Small Business Enterprise (Goods & Services) certification letter– GIT Consulting
8	South Florida Water Management District (SFWMD) approval or registration letter– GIT Consulting
9	DBPR Business Registry – GIT Consulting
10	DBPR Business Registry – Chen Moor Associates
11	Florida Professional Engineer license certificate – Georgio Tachiev
12	Miami-Dade County Technical Certifications – GIT Consulting LLC

8.6 Attachment F – Required Licenses and Certificates:

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10	DBPR Business Registry – Chen Moor Associates
11	Florida Professional Engineer license certificate – Georgio Tachiev
12	Miami-Dade County Technical Certifications – GIT Consulting LLC

State of Florida
Department of State

I certify from the records of this office that GIT CONSULTING LLC is a limited liability company organized under the laws of the State of Florida, filed on September 28, 2007, effective September 28, 2007.

The document number of this limited liability company is L07000099350.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on February 4, 2025, and that its status is active.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-first day of July, 2025

Secretary of State

Tracking Number: 1083789849CU

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

Local Business Tax Receipt

Miami–Dade County Office of The TaxCollector

–THIS IS NOT A BILL – DO NOT PAY

6747001

RECEIPT NO.
RENEWAL
7020415

BUSINESS NAME/LOCATION
GIT CONSULTING LLC
3150 SW 38TH AVE STE 1303
MIAMI, FL 33146-1529

EXPIRES
SEPTEMBER 30, 2026

Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
GIT CONSULTING LLC
C/O GEORGIO TACHIEV

Employee(s) 1

SEC. TYPE OF BUSINESS
212 P.A./CORP/PARTNERSHIP/FIRM

EB29324

PAYMENT RECEIVED BY TAX COLLECTOR
45.00 07/21/2025
PTBTC-25-129671

LBT

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles − Miami−Dade Code Sec 8a−276.

For more information, visit mdctaxcollector.gov

Local Business Tax Receipt

Miami–Dade County Office of The TaxCollector

–THIS IS NOT A BILL – DO NOT PAY

6848874

RECEIPT NO.
RENEWAL
7123128

BUSINESS NAME/LOCATION
GEORGIO TACHIEV
3150 SW 38TH AVE STE 1303
MIAMI, FL 33146-1529

EXPIRES
SEPTEMBER 30, 2026

Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
GEORGIO TACHIEV
GIT CONSULTING LLC

SEC. TYPE OF BUSINESS
212 PROFESSIONAL

67520

PAYMENT RECEIVED BY TAX COLLECTOR
60.00 07/21/2025
PTBTC-25-129672

LBT

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles − Miami−Dade Code Sec 8a−276.

For more information, visit mdctaxcollector.gov

CITY OF MIAMI
BUSINESS TAX RECEIPT

FY 24- 25

ISSUED:
Oct 01, 2024

Robert Santos-Alborna
Director, Code Compliance

BUSINESS NAME:	**GIT CONSULTING LLC**
DBA:	GIT CONSULTING LLC
BTR HOLDER NAME:	GIT CONSULTING LLC
BUSINESS ADDRESS:	3150 SW 38 AV 1303
EXPIRES:	Effective Year Oct. 1 2024 Thru Sep. 30 2025
ACCOUNT NUMBER:	132648
RECEIPT NUMBER:	182389
COMMENTS:	CONSULTANT: BUSINESS OR PROF.
RESTRICTIONS:	

This issuance of a business tax receipt does not permit the holder to violate any zoning laws of the City nor does it exempt the holder from any licenseor permits that may be required by law. This document does not constitute a certification that the holder is qualified to engage in the business, profession or occupation specified herein. The document indicates payment of the business tax receipt only.

· PLEASE DISPLAY THIS CERTIFICATE IN A CONSPICUOUS LOCATION AT OCCUPANCY ADDRESS.

· FAVOR DE MOSTRAR ESTE CERTIFICADO EN UN SITIO VISIBLE EN LA DIRECCION DEL COMERCIO.

· TANPRI AFICHE SÈTIFIKA SA A NAN YON KOTE KONSIDÈB NAN ADRÈS OKIPANS.

www.miamigov.com

CITY OF MIAMI
CERTIFICATE OF USE
FIRE SAFETY PERMIT

FY 24- 25

ISSUED:
Jun 27 2018

BUSINESS NAME:	**GIT CONSULTING LLC**
DBA:	GIT CONSULTING LLC
BUSINESS ADDRESS:	3150 SW 38 AV 1303
EXPIRES:	2025-09-30
ACCOUNT NUMBER:	132648
CERTIFICATE NUMBER:	1806001549
COMMENTS:	
RESTRICTIONS:	

APPROVED USE(S):

CU06 -General Commercial - Office

· PLEASE DISPLAY THIS CERTIFICATE IN A CONSPICUOUS LOCATION AT OCCUPANCY ADDRESS.

· FAVOR DE MOSTRAR ESTE CERTIFICADO EN UN SITIO VISIBLE EN LA DIRECCION DEL COMERCIO.

· TANPRI AFICHE SÈTIFIKA SA A NAN YON KOTE KONSIDÈB NAN ADRÈS OKIPANS.

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MIAMI-DADE COUNTY
Daniella Levine Cava, Mayor

Office of Small Business Development
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111 F 305-375-3160
miamidade.gov

August 2, 2024

Georgio Tachiev
GIT CONSULTING LLC
465 Brickell Avenue, #3906
Miami, FL 33131

Approval Date: September 30, 2023 Small Business Enterprise - Architectural & Engineering (SBE-A&E)
Expiration Date: September 30, 2026

Dear Georgio Tachiev,

Miami-Dade County Office of Small Business Development (SBD), has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise. The Small Business Enterprise (SBE) programs are governed by Sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes. This Small Business Enterprise - Architectural & Engineering (SBE-A&E) certification is valid for three (3) years. However, to validate continuing eligibility, SBD may conduct random audit(s) within the three (3) year certification period. **Failure to provide required documentation for a random audit will initiate the decertification process.**

At the time of expiration, your firm will submit a Re-certification Application at least one hundred and eighty (180) days, but not less than, ninety (90) days, prior to the end of the three (3) year certification term via the County's web-based system, Business Management Workforce System (BMWS). This will ensure sufficient time for process by SBD. **Failure to provide the re-certification application and required supporting documentation will initiate the decertification process.**

If at any time there is a material or business structure change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliations(s) with other businesses or the physical location of the firm, you must notify this office within thirty (30) calendar days of the effective date of the change(s) via the BMWS. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. **Failure to notify SBD of any changes may result in immediate action to decertify the firm.**

This letter will be the only approval notification issued for the duration of your firm's three-year certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code. Your firm's name and tier level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: https://www.miamidade.gov/global/business/smallbusiness/home.page. The categories as listed below affords you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a bidder with Miami-Dade County. To register, you may visit: https://www.miamidade.gov/global/business/procurement/home.page. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at sbdcert@miamidade.gov.

Sincerely,

Jeanise Cummings-Labossiere
Section Chief, Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

MDC-TCC 06-01: WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION
MDC-TCC 10-01: STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES
MDC-TCC 10-05: CONTAMINATION ASSESSMENT AND MONITORING
MDC-TCC 10-09: WELLFIELD, GROUNDWATER, AND SURFACE WATER PROTECTION AND MANAGEMENT
MDC-TCC 16: GENERAL CIVIL ENGINEERING
NAICS 541330: ENGINEERING SERVICES

MIAMI-DADE COUNTY
Daniella Levine Cava, Mayor

Office of Small Business Development
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111 F 305-375-3160
miamidade.gov

August 2, 2024

Georgio Tachiev
GIT CONSULTING LLC
465 Brickell Avenue, #3906
Miami, FL 33131

Approval Date: September 30, 2023 Small Business Enterprise - Goods & Services (SBE-G&S)
Expiration Date: September 30, 2026

Dear Georgio Tachiev,

Miami-Dade County Office of Small Business Development (SBD), has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise. The Small Business Enterprise (SBE) programs are governed by Sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes. This Small Business Enterprise - Goods & Services (SBE-G&S) certification is valid for three (3) years. However, to validate continuing eligibility, SBD may conduct random audit(s) within the three (3) year certification period. **Failure to provide required documentation for a random audit will initiate the decertification process.**

At the time of expiration, your firm will submit a Re-certification Application at least one hundred and eighty (180) days, but not less than, ninety (90) days, prior to the end of the three (3) year certification term via the County's web-based system, Business Management Workforce System (BMWS). This will ensure sufficient time for process by SBD. **Failure to provide the re-certification application and required supporting documentation will initiate the decertification process.**

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It is strongly recommended that you register your firm as a bidder with Miami-Dade County. To register, you may visit: https://www.miamidade.gov/global/business/procurement/home.page. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at sbdcert@miamidade.gov.

Sincerely,

Jeanise Cummings-Labossiere
Section Chief, Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

NIGP 90740: ENGINEERING SERVICES, NON-LICENSED (NOT OTHERWISE CLASSIFIED), INCLUDING CONSULTING
NIGP 918: CONSULTING SERVICES
NIGP 91800: CONSULTING SERVICES
NIGP 91843: ENVIRONMENTAL CONSULTING
NIGP 92500: ENGINEERING SERVICES, PROFESSIONAL

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

June 16, 2023

REGISTERED VENDOR NO.: 118487

Georgio Tachiev, President
GIT Consulting, LLC
2665 S. Bayshore Dr., Suite 220
Coconut Grove, FL 33133

CERTIFICATION EFFECTIVE DATE:
June 16, 2023

CERTIFICATION EXPIRATION DATE:
June 16, 2026

Dear Mr. Tachiev:

Congratulations, the South Florida Water Management District (District) has recertified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may **only** be applied when business is conducted in the following area(s):

Professional Engineering and Consulting Services

Your submittal of bids or proposals to supply other products or services outside of the specialty area(s) noted above will not count toward SBE participation. If you require certification in other specialty areas, please contact the Procurement Bureau, SBE Section, for additional information.

Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times.

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,

Jennifer Dollar
SBE Program Specialist
Procurement Bureau

JD

Florida dbpr Department of Business & Professional Regulation

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AB&T Delinquent Invoice & Activity List Search

LICENSEE DETAILS

10:59:32 PM 7/22/2025

Licensee Information

Name:	**GIT CONSULTING LLC (Primary Name)**
	GIT CONSULTING LLC (DBA Name)
Main Address:	**2665 BAYSHORE DR SUITE 220 COCONUT GROVE Florida 33133**
County:	**DADE**

License Information

License Type:	**Engineering Business Registry**
Rank:	**Registry**
License Number:	**35526**
Status:	**Current**
Licensure Date:	**10/15/2021**
Expires:	

Special Qualifications	Qualification Effective

Alternate Names

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AB&T Delinquent Invoice & Activity List Search

LICENSEE DETAILS

9:16:02 AM 7/24/2025

Licensee Information

Name:	**CHEN MOORE AND ASSOCIATES, INC.** (Primary Name)
Main Address:	**500 W. CYPRESS CREEK ROAD #600** **FORT LAUDERDALE Florida 33309**
County:	**BROWARD**

License Information

License Type:	**Engineering Business Registry**
Rank:	**Registry**
License Number:	**4593**
Status:	**Current**
Licensure Date:	**01/09/1987**
Expires:	

Special Qualifications	Qualification Effective

Alternate Names

View Related License Information
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Ron DeSantis, Governor

Melanie S. Griffin, Secretary

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

TACHIEV, GEORGIO IVANOV

465 BRICKELL AVENUE
APT 3906
MIAMI FL 33131

LICENSE NUMBER: PE67520

EXPIRATION DATE: FEBRUARY 28, 2027

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2576

Florida dbpr Department of Business & Professional Regulation

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Unlicensed Activity Search
AB&T Delinquent Invoice & Activity List Search

LICENSEE DETAILS

7:45:40 AM 7/25/2025

Licensee Information

Name:	**PISANI, ALBERTO (Primary Name)**
Main Address:	**8790 SW 52ND STREET MIAMI Florida 33165**
County:	**DADE**

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**77002**
Status:	**Current,Active**
Licensure Date:	**01/17/2014**
Expires:	**02/28/2027**

Special Qualifications	Qualification Effective
Civil	**07/01/2013**

Alternate Names

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LICENSEE DETAILS

7:49:33 AM 7/25/2025

Licensee Information

Name:	**MADKOUR, MAHMOUD S (Primary Name)**
Main Address:	**4717 DIXIE DRIVE PONCE INLET Florida 32127**
County:	**VOLUSIA**

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**48966**
Status:	**Current,Active**
Licensure Date:	**02/21/1995**
Expires:	**02/28/2027**

Special Qualifications	Qualification Effective
7th Edition, Florida Building Code	**05/23/2020**

Alternate Names

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LICENSEE DETAILS

7:43:53 AM 7/25/2025

Licensee Information

Name:	**PALERMO, SAMUEL II (Primary Name)**
Main Address:	**3100 SURF WAY RIVIERA BEACH Florida 33404**
County:	**PALM BEACH**

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**70130**
Status:	**Current,Active**
Licensure Date:	**08/06/2009**
Expires:	**02/28/2027**

Special Qualifications	Qualification Effective
Civil	**08/19/2008**

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LICENSEE DETAILS

7:48:04 AM 7/25/2025

Licensee Information

Name:	**KAIMRAJH, PATRICK DAVENDRA (Primary Name)**
Main Address:	**5732 SW 20TH STREET MIAMI Florida 33155**
County:	**DADE**

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**78535**
Status:	**Current,Active**
Licensure Date:	**01/01/2015**
Expires:	**02/28/2027**

Special Qualifications	Qualification Effective
Civil	**07/03/2014**

Alternate Names

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Addresses

PHYSICAL ADDRESS	**3150 SW 38TH AVENUE** **Suite 1303** **Miami, FL 33146 [map]**
MAILING ADDRESS	**465 Brickell Avenue, #3906** **Miami, FL 33131 [map]**

Business Capabilities

BUSINESS CERTIFIED FOR	**ENGINEERING SERVICES**	
FULL DESCRIPTION OF CAPABILITIES/PRODUCTS		
COMMODITY CODES	**MDC-TCC 06-01**	**WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION**
	MDC-TCC 10-01	**STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES**
	MDC-TCC 10-05	**CONTAMINATION ASSESSMENT AND MONITORING**
	MDC-TCC 10-09	**WELLFIELD, GROUNDWATER, AND SURFACE WATER PROTECTION AND MANAGEMENT**
	MDC-TCC 16	**GENERAL CIVIL ENGINEERING**
	NAICS 541330	**Engineering services** (More)

Owner Ethnicity and Gender

ETHNIC GROUP	**Caucasian**
GENDER	**Male**

Location

COUNTY	**Miami-Dade (FL)**

Additional Information

TIER	**A&E - Tier 1: 3 Yr. AGR $0 up to $500,000.00**

GEORGIO TACHIEV
GIT CONSULTING LLC

Powered by B2Gnow

Conclusion:

Through this comprehensive proposal, GIT Consulting LLC and Chen Moore & Associates have addressed all requirements of RFQ #2025-13.

We have presented a qualified team, a robust technical approach, a thoughtful risk assessment, and all necessary forms and attachments.

Our team is ready to partner with the Village of Key Biscayne to deliver the Zone 1 Alternative Stormwater Modeling and Planning project and achieve a more flood-resilient future for the community.

We appreciate the opportunity to submit this proposal and are enthusiastic about the potential to implement our innovative solution for Zone 1. Thank you for your consideration.

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, *Vice Mayor*
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: AECOM Modeling Work Order

RECOMMENDATION

Recommend the Village Council authorize the Village Manager to execute one (1) work order to AECOM Technical Services, Inc. ("AECOM') to complete additional modeling in support of the Ad Hoc Committee review of Zone 1 100% design modeling parameters in an amount not to exceed $38,376.

DISCUSSION

Purpose: The scope of work is focused on completing four additional model runs (scenarios) utilizing the Village-wide drainage model (ICPR4) developed to complete the Zone 1 100% design. The results of the additional model runs will be compared to the baseline model results utilized for the development of the Zone 1 100% design. The additional model runs will be limited to quantifying the effects on volumetric discharge solely within the Zone 1 project area. The four additional modeling scenarios are described in detail in the attached proposal.

In addition to the modeling scenarios, AECOM will develop an updated hydrograph for the cumulative baseline model, incorporating increased initial abstraction to account for the potential use of engineered fill with infiltration capacity in future grade elevations. The hydrograph will be generated using the Horton Method soil infiltration evaluation curve.

Background: The work order is a fixed price lump sum contract based on the terms and conditions and hourly rates of the original AECOM Professional Services Agreement dated June 4, 2020, as a result of the Request for Qualifications No. 2020-03. On 5/7/24, the AECOM Professional Services Agreement was renewed by the Village through 6/5/25, under the same terms and conditions of the original contract. This work order will be paid for using the stormwater enterprise fund.

The Village is responsible for protecting people and property in the Village of Key Biscayne from harmful stormwater runoff. To address village-wide street flooding, the Village selected AECOM to engineer capital improvements required to mitigate flood risk, ensure system reliability by replacing aging infrastructure and facilities, meet priorities, and increase the level of service at all measures where it is hampered by chronic flooding. To this purpose and over the past 5-years, the Village staff and AECOM negotiated and completed a series of work orders that provided a rigorous quantitative basis for developing a 100% integrated design for the K-8 Elementary School

portion (Zone 1) of the drainage system and associated cost estimate.

A Village-wide numerical model (ICPR4) was utilized by AECOM and parameterized through numerous workshops and consultations with Village Council and staff to yield a 100% design for the Zone 1 infrastructure improvements that balanced environmental constraints, desired level of service and project cost. At the February 11, 2025 regular council meeting, Village council established an Ad-Hoc committee to study and discuss the following: 1) look at the Zone 1 project and see how to streamline and reduce costs, 2) look at all the conditions that are necessary to drive the design, 3) debate the level of service and design criteria, and 4) determine what kind of framework is needed moving forward to address street flooding.

Justification: To address the above-mentioned objectives set by Council, the Ad-Hoc committee requested that AECOM provide a proposal to conduct an analysis of the baseline stormwater system requirements for the Zone 1 area of the Village to include updated stormwater modeling criteria. The scope also includes the development of an updated hydrograph to support an analysis of the frequency of flood events. The intent of the additional modeling is to determine the effect changing specific modeling parameters would have on volumetric discharge and level of service compared to criteria used as the basis for the existing 100% design of Zone 1 project.

Implementation/Integration Plan: Critical Deliverables will include: 1) Tabulated results summarizing flood depths, volumes, and discharges, 2) GIS-based floodplain maps coded by depth ranges, 3) draft hydrograph, 4) final hydrograph, 5) concise table summarizing historical storm events analyzed, rainfall totals, relative to the control elevation.

All modeling services shall be completed within 12 weeks of Notice to Proceed (NTP). Staff negotiated the manhours estimates for each subtask in both work orders and find the estimates fair and reasonable.

RESOURCE IMPACT

Personnel: This work order will be overseen by Dr. Roland Samimy (VKB CRSO), Mr. Chris Miranda (VKB Public Works Director), and Mr. Mike Houda (B&V Program Manager).

FUNDING SOURCES

- ***Budget Line-Item:*** $250,000 Capital Improvement Program (CIP)
- ***Amount:*** $38,376

STRATEGIC CONNECTION (GOAL / FOCUS AREA)

This work is being undertaken at the request of the Ad Hoc committee to advance the Resilient Infrastructure and Adaption Program Zone 1 Stormwater and Utility Undergrounding Project.

ATTACHMENT(S)

AECOM Work Order No. 4 – Village of Key Biscayne Baseline Stormwater Modeling

Prepared by: Roland Samimy, Ph.D., Chief Resilience and Sustainability Officer

Department Director: Chris Miranda | Public Works Director

Reviewed by Mr. Chad Friedman from Weiss Serota Helfman Cole & Bierman as to form and legal sufficiency.

RESOLUTION NO. 2025-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AUTHORIZING THE VILLAGE MANAGER TO ISSUE A WORK ORDER TO AECOM TECHNICAL SERVICES, INC. FOR ADDITIONAL BASELINE STORMWATER MODELING FOR THE K-8 SCHOOL (ZONE 1) STORMWATER DRAINAGE IMPROVEMENTS PROJECT IN AN AMOUNT NOT TO EXCEED $38,376; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on October 9, 2019, the Village of Key Biscayne ("Village") issued Request for Qualifications No. 2020-03 ("RFQ") for design criteria professional services for stormwater utility and right-of-way improvements; and

WHEREAS, on February 11, 2020, the Village Council adopted Resolution No. 2020-10 selecting AECOM Technical Services, Inc. (the "Consultant") to provide the services and authorizing the Village Manager to execute an agreement with Consultant; and

WHEREAS, on June 4, 2020, the Village and the Consultant entered into a Professional Services Agreement for the services pursuant to the RFQ (the "Agreement"); and

WHEREAS, on July 26, 2022, the Village Council adopted Resolution No. 2022-32, authorizing the issuance of a work order to the Consultant for the development of a basis of design report (30% design) relating to the K-8 School Stormwater Drainage Improvements Project (the "Project"); and

WHEREAS, on October 10, 2023, the Village Council adopted Resolution No. 2023-65, authorizing the Village Manager to issue a work order for pre-design services relating to Project; and

WHEREAS, on November 14, 2023, the Village Council adopted Resolution No. 2023-77, approving modifications to the modeling parameters and levels of service for the four Village-wide modeling alternatives for the Project; and

WHEREAS, on January 23, 2024, the Village Council adopted Resolution No. 2024-02,

authorizing the issuance of a work order to the Consultant to complete the full design of the Project; and

WHEREAS, on February 11, 2025, the Village Council established an Ad Hoc Committee (the "Committee") to evaluate the level of service and design criteria to streamline and reduce costs related to the stormwater system requirements and construction of the Project; and

WHEREAS, based on the feedback received by the Committee, the Village requested that the Consultant provide a proposal to conduct an analysis of the baseline stormwater system requirements for the Project to include updated stormwater modeling criteria and the development of an updated hydrograph to support an analysis of the frequency of flood events; and

WHEREAS, the Consultant has provided a proposal, attached hereto as Exhibit "A" (the "Proposal"), in the amount of $38,376; and

WHEREAS, the Village Council desires to authorize the Village Manager to issue a work order for the Project consistent with the Proposal attached hereto as Exhibit "A" and the Agreement in an amount not to exceed $38,376; and

WHEREAS, the Village Council finds that this Resolution is in the best interest and welfare of the residents of the Village.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS:

Section 1. Recitals. That each of the above-stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. Authorization. That the Village Council hereby authorizes the Village Manager to issue a work order for the Project consistent with the Proposal attached hereto as Exhibit "A" and the Agreement in an amount not to exceed $38,376.

Section 3. **Effective Date.** That this Resolution shall be effective immediately upon adoption.

PASSED and ADOPTED this _ day of _____, 2025.

_____
JOE I. RASCO, MAYOR

ATTEST:

_____
JOCELYN B. KOCH
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____
WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.
VILLAGE ATTORNEY

EXHIBIT A

AECOM
2 Alhambra Plaza, Suite 900
Coral Gables, Florida 33134
aecom.com

August 13, 2025

Christopher Miranda
Public Works Director
Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, FL 33149

Re: Village of Key Biscayne – Baseline Stormwater Modeling

Dear Mr. Miranda:

AECOM is pleased to submit this proposal outlining our engineering scope of services for the Baseline Stormwater Modeling effort, as requested by the Village of Key Biscayne through Request for Quotation (RFQT) No. 2025-XX. We understand that this work will be authorized under the terms and conditions, including hourly rates, of our existing Professional Services Agreement dated June 4, 2020, established through RFQ No. 202003.

Please find attached Exhibit A (Scope of Services) and Exhibit B (Compensation) for your review and consideration. We look forward to supporting the Village on this important project.

If you have any questions or require additional information regarding this scope and fee, please do not hesitate to contact me or Erik M. Alcantara, PE, PMP, ENV SP at 305-444-4691.

Sincerely,

Karen Brandon

Karen Brandon, PE
Associate Vice President, Principal Client Service Manager
AECOM

AECOM Imagine it. Delivered.

Village of Key Biscayne
Baseline Stormwater Modeling

Village of Key Biscayne Resolution No. 2020-34
AECOM Work Order No. 4

August 13, 2025

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1. Background and Purpose

The Village of Key Biscayne (Village) has requested that AECOM Technical Services, Inc. (AECOM) provide a proposal to conduct an analysis of the baseline stormwater system requirements for the Zone 1 area of the Village (see Figure 1) to include updated stormwater modeling criteria. Additionally, this scope includes the development of an updated hydrograph to support an analysis of the frequency of flood events. AECOM assumes this Work Order will be authorized per the terms and conditions and hourly rates of our Professional Services Agreement dated June 4, 2020, as a result of the Request for Qualifications No. 2020-03. On 5/13/25, our Professional Services Agreement was renewed by the Village Council through 6/5/26, under the same terms and conditions of the original contract.

As part of the execution of this Work Order (WO), AECOM will have access to Village documents from prior stormwater plans and any current Village studies, models and/or input data. AECOM will coordinate meetings with Village staff for any additional information that may be needed.

This Work Order consists of the following task:

- **Task 1** – Updated Zone 1 Stormwater Model for Baseline Design Criteria



Figure 1. Zone 1 Project Area Map

2. Task 1 – Updated Zone 1 Stormwater Model for Baseline Design Criteria

AECOM will perform updated stormwater modeling for Zone 1, building upon the accepted proposed conditions model documented in the Alternative Analysis Drainage Assessment Report. One (1) hydraulic and hydrologic (H&H) modeling scenario will be conducted.

AECOM will update the design discharge requirements for the recommended system and develop a conceptual system layout. The model and its parameters will be as follows.

2.1 Model 1 – Cumulative Baseline Model

This model will incorporate the following combined modifications:

- Use of the SFWMD 5-Year, 24-Hour design storm:
  - Change the design storm from a 10-year, 24-hour to a 5-year, 24-hour event. Due to the updated time horizon, curve numbers will be reevaluated using SFWMD design standards to reflect the revised depth to the water table.
- Updated curve number to account for the maximum allowable soil storage per SFWMD:
  - Theoretical exercise intended to evaluate the potential hydrological impacts if the entirety of the Zone 1 parcels were redeveloped. Specifically, it assesses the maximum allowable soil storage credit that could be claimed per South Florida Water Management District (SFWMD) standards. The analysis will maintain existing topography, modifying only the Curve Number (CN) to reflect redevelopment conditions. Curve Numbers will be recalculated to simulate the maximum allowable depth from the ground surface to the seasonal high-water table, as permitted by SFWMD. These adjustments will help determine whether increased allowable soil moisture storage significantly reduces required pumping capacity to achieve the Village's established level of service (LOS).
- A reduction in the contributing area from 100 feet to 25 feet beyond the Right-of-Way (ROW) line:
  - Modifies the contributing drainage area by reducing it from 100 feet to 25 feet beyond the Right-of-Way (ROW) line.

The following parameters will be used for this model:

- **Time Horizon:** 2050
- **Sea Level Rise Projection:** NOAA Intermediate
- **Design Storm:** SFMWD 5-Year, 24-Hour Storm
- **Contributing Area:** 25 feet from Right-of-Way line
- **Level of Service:** Maximum depth of 12 inches of ponding over the low crown of road, for no longer than 3.5 hours.
- **Topography:** Miami-Dade County 2018 LiDAR
- **Roadway Storage:** Road rights of way storage removed (for consistency)
- **Warning Stage:** Low crown of road set to Mean Sea Level + 1 foot
- **Curve Numbers:** Based on existing pervious vs. impervious distribution sampled within each basin

The curve number will be reevaluated using SFWMD standards to reflect changes in land cover and the updated depth to water table.

Objective:
The goal of this simulation is to determine the pumping rate required to meet the Village's adopted level of service. The current Village-adopted level of service does not meet Miami-Dade County standards for roadway design under a 5-year, 24-hour storm event.

Deliverables:

1. Tabulated results summarizing flood depths, volumes, and discharges.
2. GIS-based floodplain maps, coded by depth ranges.

Assumptions:

1. A single, consolidated set of comments on draft materials will be provided to AECOM for incorporation into the final deliverables.
2. As directed by the Village, pipe sizes will not be recalculated to reflect reduced pumping capacity.
3. SFWMD standards will be used to quantify the benefits of pervious pavement in Curve Number (CN) calculations.
4. SFWMD standards will also be used to evaluate the impact of groundwater table depth on infiltration and storage assumptions.
5. All additional fill is assumed to be clean, engineered fill.
6. Stage-storage calculations are not included, as it is assumed that similar storage and topographic conditions would be present under future redevelopment scenarios.
7. Redevelopment assumptions are theoretical and intended for planning-level analysis only. Actual site conditions may vary significantly from modeled scenarios.
8. This scope does not include permitting, regulatory compliance, or detailed engineering design for construction.
9. In accordance with SFWMD guidelines, it is assumed that the maximum allowable depth to the water table will be four feet, utilizing well-graded, compacted soil typical of flatwoods storage conditions.
10. Curve Numbers will be determined based on existing conditions by sampling a representative set of parcels within each basin to measure pervious vs. impervious coverage (building footprint, hardscape, green space). These measured percentages will be applied to calculate a weighted CN in accordance with SFWMD design standards. Pervious areas will be assumed to be compacted unless site data indicate otherwise.
11. This model is a planning-level exercise intended for conceptual evaluation only. It may not result in a design acceptable to permitting agencies, and AECOM assumes no responsibility for obtaining regulatory approval. The exercise is exploratory in nature and may ultimately demonstrate that no feasible permitted design is achievable under the stated assumptions.

3. Schedule

A preliminary schedule for the work is presented in **Table 1**. Key assumptions impacting the overall schedule include:

- Duration of Village review and comment periods for deliverables.

Table 1 - Preliminary Schedule

Task ID	Major Task or Deliverable	Delivery Date
1	Updated Zone 1 Stormwater Model for Baseline Design Criteria	NTP + 8 weeks (Draft) NTP + 12 weeks (Final)

4. Authorization and Compensation

AECOM assumes this Work Order will be authorized per the terms and conditions and hourly rates of our Professional Services Agreement dated June 4, 2020, as a result of the Request for Qualifications No. 2020-03. On 5/13/25, our Professional Services Agreement was renewed by the Village Council through 6/5/26, under the same terms and conditions of the original contract.

A budget for the work, using the Village's approved labor categories and hourly rates, is attached as **Exhibit B** with the following understandings:

- Task 1 is hourly not-to-exceed (NTE) and will be invoiced monthly based on percent complete.

5. General Assumptions

1. It is assumed that available data will be sufficient to complete the stormwater model update, without the need for additional field investigations or surveys.
2. The scope of services described herein is assumed to remain materially unchanged during the execution of the Work Order. Any modifications will require a formal scope amendment.
3. If additional services are required, they will be defined at the time of need and initiated only upon written request and budget approval from the Village.
4. AECOM will not proceed with any work beyond what is specified in this scope without an approved work order amendment.
5. All deliverables will be provided in electronic (PDF and native) formats unless otherwise requested.
6. A single, consolidated set of comments on each draft deliverable will be provided to AECOM for incorporation into the final versions.
7. No additional field surveys, geotechnical investigations, or environmental assessments are included in this scope of services.
8. At the Village's request to reduce cost, the preparation of an updated hydrograph to support an analysis of the frequency of flood events is not included in this scope of services.
9. At the Village's request to reduce cost, the preparation of a technical memorandum summarizing the methodology, results, and findings is not included in this scope of services.
10. At the Village's request to reduce cost, the preparation of construction cost estimates is not included in this scope of services.
11. At the Village's request to reduce cost, the following services are also excluded from this scope of services: attendance at public meetings; preparation of presentations or communication materials for stakeholder engagement (e.g., community or town hall meetings); or any other form of public outreach. AECOM will not engage in any community/public involvement activities or attend Council or Council ad hoc committee meetings to present the findings of this work order unless specifically authorized through an approved scope amendment.
12. The modeling scenario outlined herein defines the extent of modeling adjustments. Additional iterations, sensitivity analyses, or modeling of alternative storm events are outside the scope and will require separate authorization.
13. AECOM will develop a concept-level stormwater model focused on the primary trunk conveyance system. Parcel-level or granular drainage components are not included. Because existing pipe sizes will not be modified in this effort, the system may be conservatively overdesigned, and resulting pumping rates may be lower than what would typically be required in a fully optimized system.
14. A detailed utility conflict analysis is not included as part of this task. Any utility coordination or conflict resolution will be addressed in subsequent design phases.
15. Drainage wells will not be evaluated or incorporated in any of the modeling scenarios.
16. This model is a planning-level exercise intended for conceptual evaluation only. It may not result in a design acceptable to permitting agencies, and AECOM assumes no responsibility for obtaining regulatory approval. The exercise is exploratory in nature and may ultimately demonstrate that no feasible permitted design is achievable under the stated assumptions.

Exhibit B – Budget

Village of Key Biscayne

Exhibit B:
Proposal for Baseline Stormwater Modeling
Fee Schedule

TASK	WORK ACTIVITY	A	B	C	D	E	TOTAL Hours	LABOR COST	2.5%	Subconsultants	Total Cost
		Project Manager	Design Criteria Lead	Senior Hydrodynamic Modeler	Senior Engineer	Admin/Tech.			OTHER DIRECT COSTS (ODC)		
		$200.00	$240.00	$200.00	$150.00	$80.00					
	Updated Zone 1 Stormwater Model for Baseline Design Criteria										
1.0	Summary Task	6	24	120	40	6	**196**	**$37,440.00**	**$936.00**		$38,376.00
	Subtotal Task 1	**6**	**24**	**120**	**40**	**6**	**196**	**$37,440.00**	**$936.00**	**$ -**	**$38,376.00**
	Total Labor Hours	**6**	**24**	**120**	**40**	**6**	**196**				
	Total Fees	**$1,200**	**$5,760**	**$24,000**	**$6,000**	**$480**		**$37,440.00**	**$936.00**	**$0.00**	**$38,376.00**

VILLAGE OF KEY BISCAYNE

Village Council
Joe I. Rasco, *Mayor*
Oscar Sardiñas, ***Vice Mayor***
Michael F. Bracken
Franklin H. Caplan
Edward London
Nancy Stoner
Fernando A. Vazquez

Village Manager
Steven C. Williamson

MEMORANDUM

DATE: August 19, 2025

TO: Honorable Mayor and Councilmembers

FROM: Steven C. Williamson, Village Manager

RE: Manager's Report

1. CIP FY25 Monthly Report

a) Reference Exhibit A

EXHIBIT A

VKB FY25 Capital Improvement Progr

7/31/2025

Project Status			
Complete	On Target	Issues	Problems

Total Active Projects
35

Not Started	Planning	Procurement	Design	Permitting	Construction	Complete
6	3	6	5	3	5	7

		PHASE	SCHEDULE				FY25 Budget					FY2025 Timeline												
PRI	Project	Project Phase	ESD	ASD	ECD	ACD	Budget	Spent	Encumbered	Remaining	Percent Spent/ Encumbered	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1	Design Zone 1	Design		Aug-22	Jan-26		$ 2,952,865	$ (2,351,117)	$ (181,853)	$ 419,895	86%														
1	Construct Zone 1	Permitting		Mar-25	Jan-28		$ 2,685,626	$ -	$ -	$ 2,685,626	0%														
1	Program Management for RI&AP	Planning		Jul-22	Sep-28		$ 1,215,000	$ (731,988)	$ (317,223)	$ 165,789	86%														
1	RIAP Ad-Hoc Committee Studies and Analysis	Procurement		Jun-25	Jan-26		$ 250,000	$ -	$ -	$ 250,000	0%														
1	Replace Fire Rescue Truck	Complete		Oct-24	Sep-25	Aug-25	$ 480,328	$ (49,751)	$ (430,577)	$ 0	100%														
1	Underground Utilities	Design		Jan-24	Jan-28		$ 15,000,000			$ 15,000,000	0%														
2	Conduct USACE Back Bay and Beach Feasibility Study	Planning		Dec-23	Aug-28		$ 987,500	$ (750,000)		$ 237,500	76%														
2	Improve Streetlight Coverage	Procurement		Dec-24	Jan-26		$ 250,000			$ 250,000	0%														
2	Install Splashpad Surfacing	Complete		Nov-24	Dec-24	Dec-24	$ 34,870	$ (34,870)		$ -	100%														
2	Replace Fire Rescue Trucks 1 & 2	Procurement		Oct-24	Jun-26		$ 1,200,000		$ (1,172,382)	$ 27,618	98%														
2	Improve Traffic Calming Devices	Design		Jul-25	Dec-26		$ 550,000		$ (39,928)	$ 510,072	7%														
2	Repair Community Center Roof and Structural Elements	Planning		Jul-25	Jul-26		$ 645,000		$ -	$ 645,000	0%														
2	Repave Harbor Drive	Design		Nov-24	Jun-26		$ 2,805,000	$ (57,520)	$ (88,160)	$ 2,659,320	5%														
3	Install Beach Access Cameras & LPRs	Construction		Apr-25	Sep-25		$ 90,000		$ (49,193)	$ 40,807	55%														
3	Install Pump Station Back-up Generators	Permitting		Oct-23	Nov-25		$ 435,941	$ (55,389)	$ (366,721)	$ 13,831	97%														
3	Procure Fire Chief and Deputy Chief Vehicles (2)	Procurement		Jul-25	Jul-26		$ 150,000			$ 150,000															
3	Install Turf at St. Agnes Field	Construction		May-24	Oct-25		$ 1,835,500	$ (129,943)	$ (1,638,884)	$ 66,673	96%														
3	Replace Fire Cardiac Monitors	Complete		Mar-25	Jul-25	Jul-25	$ 117,672		$ (100,363)	$ 17,309	85%														
3	Replace Police Vehicles	Complete		Oct-24	Jan-25	Jan-25	$ 358,506	$ (357,372)	$ (1,134)	$ -	100%														
3	Repave Roadways Village-wide	Procurement		Dec-24	Dec-25		$ 550,000			$ 550,000	0%														
4	Improve Garden District Drainage	Permitting		Oct-24	Jun-26		$ 5,951,902	$ (215,721)	$ (39,314)	$ 5,696,867	4%														
4	Rehab Public Art - Bedia Plazas / Pleated Genome	Construction		Jun-24	Oct-25		$ 143,141	$ (65,644)	$ (77,496)	$ 1	100%														
4	Renovate Fire Station Women's Locker Room	Complete		Dec-22	Dec-24	Feb-25	$ 121,490	$ (121,490)	$ -	$ -	100%														
5	Design Offshore Hybrid Reef	Not Started	TBD		TBD		$ 1,000,000			$ 1,000,000	0%														
5	Improve Key Biscayne K-8 Center School Athletic Facilities	Complete		Jul-24	Aug-25	Aug-25	$ 135,379	$ (30,219)		$ 105,160	22%														
5	Replace HVACs (Community Center)	Procurement		Feb-25	Nov-25		$ 250,000			$ 250,000	0%														
6	Renovate Building Department Customer Service Areas	Construction		Dec-23	Dec-25		$ 465,506	$ (3,500)	$ (17,289)	$ 444,718	4%														
6	Improve Beach Park Phase 1	Design		Sep-22	Sep-26		$ 1,049,621	$ (30,303)	$ (28,500)	$ 990,818	6%														
6	Renovate Dog Park	Not Started	TBD		TBD		$ 100,000			$ 100,000	0%														
6	Replace Under 5 Playground	Complete		Jan-24	Jul-25	Jul-25	$ 200,000		$ (174,771)	$ 25,229	87%														
6	Renovate Council Chambers as Community Theater	Construction		Jun-24	Nov-25		$ 236,400		$ (184,702)	$ 51,698	78%														
7	Improve North Public Beach Access Path	Not Started	TBD		TBD		$ 120,000			$ 120,000	0%														
4	Rehab Civic Center/Monaco Fountain Plaza	Not Started	TBD		TBD		$ 300,000			$ 300,000	0%														
7	Install Electrical Outlets Along Crandon Blvd South	Not Started	TBD		TBD		$ 200,000			$ 200,000	0%														
8	Paint Community Center Garage and Exterior	Not Started	TBD		TBD		$ 11,693			$ 11,693	0%														
							$ 42,878,940	**$ (4,984,826)**	**$ (4,908,491)**	**$ 32,985,623**	**23%**														

VILLAGE OF KEY BISCAYNE

Department of Building, Zoning, Planning and Public Works
88 West McIntyre Street, Suite 250 Key Biscayne, FL 33149
Phone (305) 365-5512 Fax (305) 365-5556
www.keybiscayne.fl.gov

PLANNING AND ZONING APPLICATION

(Application is nine pages. Please fill out completely.)

Date Filed: 5-21-2025

File #: RV-PZR25-00024
(to be completed by Staff)

1. REQUEST FOR:

( ) SUPERVISORY VARIANCE
( ) ADMINISTRATIVE VARIANCE
(x) REGULATORY VARIANCE
( ) APPEAL OF AN ADMINISTRATIVE DECISION
( ) SITE PLAN APPROVAL
( ) OTHER

( ) AMENDMENT TO ZONING ORDINANCE
( ) CONDITIONAL USE
( ) AMENDMENT TO THE MASTER PLAN
( ) ZONING DISTRICT CHANGE

Explain your request:

See attached letter of intent.

2. Street Address of Property: 22 Harbor Point

Legal Description: Lot(s) 3 Block 1

Subdivision: Lorido Estates

3. Name of Applicant: Benjamin Leon, Jr.

Mailing Address of Applicant: 200 S. Biscayne Blvd. Suite 300, Miami, FL 33131

Business Telephone: 305-377-6227 Home: _____ Fax: _____

Email: MTapanes@brzoninglaw.com / RAlvarez@brzoninglaw.com

4. Name of Property Owner if Different from Applicant: _____

Address of Property Owner if Different from Applicant: _____

Business Telephone: _____ Home: _____ Fax: _____

Email: _____

5. Contact Person: Name _____ Address: _____

   Telephone: _____ Fax: _____ Email: _____

6. Name/address of anyone else who should receive notice of the hearing?

   _____

7. If applicant is owner, indicate date purchased: March 2021

8. If applicant is lessee, indicate date leased N/A Years N/A

9. Is there an option to purchase the property? Yes ( ) No (x)

10. Is the request the result of a violation notice? No If yes, attach a copy of the violation.

11. Existing use of property Vacant. If residential, how many apartments N/A ?

    Hotel units N/A ? If commercial, how many sq. ft. in your space N/A ?

    Single family home? Yes ( ) No (x)

12. If this application pertains to an Appeal of an Administrative Decision, indicate the basis of the appeal. (If necessary attach additional explanation.)

    N/A

13. If this is a request for a variance, the Code requires that you substantiate why this request should be granted. In order to do this properly, please indicate how your request complies with the following standards:

    a. Maintains the basic intent and purpose of the zoning, subdivision and other land use regulations, which is to protect the general welfare of the public, particularly as it affects the stability and appearance of the community.

       See attached letter of intent.

    b. Is compatible with the surrounding land uses and would not be detrimental to the community.

       See attached letter of intent.

14. If this is a request for any other type of application, please see staff for a listing of the evaluation criteria.

15. All supporting data and exhibits submitted with this application become a permanent part of the public records.

SUPERVISORY VARIANCES ONLY

The Supervisory procedure requires the nearest abutting property owner to approve your request and your certification that the work was not performed by you. Your signature on this application constitutes your certification that you did not perform the work. The next step is to request the nearest property owner to sign below or provide a letter approving your request. Their signature certifies that they have read this application and approves of the request.

ABUTTING PROPERTY OWNER AFFIDAVIT

I, the undersigned, have read or have had read to me the information applicable for a request for a Supervisory Variance from the Zoning Regulations. I fully understand that by subscribing my name to the below consent form that I am waiving any objection to the proposed construction as outlined above and as shown on the plans accompanying this application. I further certify that I have subscribed my name freely and without any duress or apparent misrepresentation on the part of the applicant.

Date	Name (Type or Print)	Address	Signature

ADMINISTRATIVE VARIANCES ONLY

The Administrative Variance procedures require all abutting property owners to approve your request. The attached map will assist you in identifying who must sign the below petition. It is suggested you meet with staff prior to circulating your petition.

ABUTTING PROPERTY OWNER AFFIDAVIT

I, the undersigned, have read or have had read to me the information applicable for a request for and Administrative Variance from the Zoning Regulations. I fully understand that by subscribing my name to the below consent form that I am waiving any objection to the proposed construction as outlined above and as shown on the plans accompanying this application. I further certify that I have subscribed my name freely and without any duress or apparent misrepresentation on the part of the applicant.

Date	Name (Type or Print)	Address	Signature
Date	Name (Type or Print)	Address	Signature
Date	Name (Type or Print)	Address	Signature

Date	Name (Type or Print)	Address	Signature
Date	Name (Type or Print)	Address	Signature
Date	Name (Type or Print)	Address	Signature

If you need additional signatures please use the above format.

CERTIFICATION OF COMPLIANCE WITH APPLICABLE REGULATIONS

(I) (We) certify that (I) (we) understand and will comply with the provisions and regulations of the Zoning Regulations. (I) (We) further certify that the above statements and drawings made on any paper or plans submitted herewith are true to the best of (my) (our) knowledge. (I) (We) understand that the application and attachments become part of the official records of the Village and are not returnable.

Signature of Applicant: _____ Date _____

Signature of Owner: _____ Date _____

Application Received by: _____ Date _____

Approved by: _____ Date _____

AFFIDAVITS

Complete one or more of the following that relates to your request.

Tenant or Owner Affidavit (if tenant is applicant then owner must sign owner/power of attorney affidavit)

I, Benjamin Leon, Jr., being first duly sworn, depose and say that I am the owner/tenant of the property described herein and which is the subject matter of the proposed hearing; that all the answers to the questions in this application and all supplemental data attached to and made a part of the application are honest and true to the best of my knowledge and belief.

I, Benjamin Leon, Jr., hereby authorize the staff of the Village of Key Biscayne to enter my property for the purpose of inspecting the property and posting a NOTICE OF PUBLIC HEARING on my property and I take the responsibility of removing this notice after the date of hearing. I also authorize members of the Village Council to inspect my property. I understand these inspections are necessary to permit staff and members of the Village Council to perform their responsibilities as required by the Zoning Ordinance.

STATE OF FLORIDA
COUNTY OF MIAMI-DADE

Signature of Applicant

Sworn to (or affirmed) and subscribed before me this 13th day of MAY 2025, by Benjamin Leon Jr.
Name of person making statement

Signature of Notary Public - State of Florida

ISABEL PEREZ
Print, Type, or Stamp Commissioned Name of Notary Public

Personally Known ✓ OR Produced Identification _____
Type of Identification Produced _____

ISABEL PEREZ
MY COMMISSION # HH 616151
EXPIRES: March 24, 2029

****

Corporation Affidavit

I, _____, being first duly sworn, depose and say that we are the President/Vice President, and Secretary/Ass't. Secretary of the aforesaid corporation, and as such, have been authorized by the corporation to file this application and all supplemental data attached to and made a part of this application are honest and true to the best of our knowledge and belief; that said corporation is the owner/tenant of the property described herein and which is the subject matter of the proposed hearing.

I, _____, hereby authorize the staff of the Village of Key Biscayne to enter my property for the purpose of inspecting the property and posting a NOTICE OF PUBLIC HEARING on my property and I take the responsibility of removing this notice after the date of hearing. I also authorize members of the Village Council to inspect my property. I understand these inspections are necessary to permit staff and members of the Village Council to perform their responsibilities as required by the Zoning Ordinance.

STATE OF FLORIDA
COUNTY OF MIAMI-DADE

Signature of President (Corp. Seal)

Sworn to (or affirmed) and subscribed before me this
____ day of _____, by _____.
Name of person making statement

Signature of Notary Public - State of Florida

Print, Type, or Stamp Commissioned Name of Notary Public

Personally Known _____ OR Produced Identification _____
Type of Identification Produced _____

Owner/Power of Attorney Affidavit

I, Benjamin Leon, Jr., being duly sworn, depose and say that I am the owner of the described real property and that I am aware of the nature and effect the request for: A Regulatory Variance

relative to my property, which is hereby made by me OR I am here by authorizing Bercow, Radell, Fernandez, Larkin & Tapanes PLLC to be my legal representative before the Village Council.

I, Benjamin Leon, Jr., hereby authorize the staff of the Village of Key Biscayne to enter my property for the purpose of inspecting the property and posting a NOTICE OF PUBLIC HEARING on my property and I take the responsibility of removing this notice after the date of hearing. I also authorize members of the Village Council to inspect my property. I understand these inspections are necessary to permit staff and members of the Village Council to perform their responsibilities as required by the Zoning Ordinance.

STATE OF FLORIDA
COUNTY OF MIAMI-DADE

Signature of President (Corp. Seal)

Sworn to (or affirmed) and subscribed before me this 13TH day of MAY 2025, by Benjamin Leon, Jr.
Name of person making statement

Signature of Notary Public - State of Florida

ISABEL PEREZ
Print, Type, or Stamp Commissioned Name of Notary Public

Personally Known ✓ OR Produced Identification _____
Type of Identification Produced _____

ISABEL PEREZ
MY COMMISSION # HH 616151
EXPIRES: March 24, 2029

VILLAGE OF KEY BISCAYNE

Department of Building, Zoning, Planning and Public Works
88 West McIntyre Street, Suite 250 Key Biscayne, FL 33149
Phone (305) 365-5512 Fax (305) 365-5556
www.keybiscayne.fl.gov

PLANNING AND ZONING APPLICATION

Submission Requirements

All plans must contain the following information:

1. Copies of plans: 2 copies 24" x 36" and 1 copy 8.5" x 11", each signed and sealed.
2. A current survey. The Building, Zoning, Planning and Public Works Director will determine if the age of the survey is not acceptable.
3. Site plan showing the location of all proposed structures.
4. Elevations for the entire structure(s).
5. Plans must be fully dimensioned and properly scaled.
6. Number of units, floor area ratio, setbacks, parking spaces, lot coverage, pervious area, building height, existing/proposed floor elevations, and landscape plan must be submitted. The Building, Zoning, Planning and Public Works Director may require additional information to be submitted or waive or modify the submission requirements.
7. For all applications except Administrative Variances, all property owners within 300 ft. of any property line must be notified of any request. The applicant is required to provide the Department with:
    a. Two (2) copies of the mailing list (on gummed labels) with the addresses.
    b. One (1) list with the legal descriptions
    c. One (1) map of the subject area showing the properties within 300 ft. of the subject property highlighted.
    d. A letter signed by the individual who prepared items 1-3 above certifying the accuracy of the mailing list.

The following companies are familiar with the Village's requirements for preparing the mailing list. They are provided as a courtesy and are not endorsed by the Village. The Village does not claim responsibility for the accuracy or timely acquisition of the information provided by these companies.

Carlos J. Maradiaga	(305) 207-1412
Consuelo Quintana	(305) 858-2287
Florida Real Estate Decisions	(305) 757-6884
Lopez Data Research	(305) 981-9893
Rio Development Services	(305) 498-1614

8. Color photographs of existing structures on the property.

FEE SCHEDULE

At the time of filing an application, the appropriate fee must be paid. The amount of the fee is based on the below schedule (calculation of the fee is cumulative for each line item):

1. Base application fee for any type of application (double the base fee if the application is the result of a violation).

Supervisory Variance (any type of use)	$ 150.00
Single family and duplex (Administrative and Regulatory Variance)	$ 400.00
Multiple Family (Administrative and Regulatory Variance)	$ 800.00
Commercial and Hotel (Administrative and Regulatory Variance)	$ 900.00
Site Plan Review Fees	
Administrative Review	$ 500.00
Village Council Review	$1,500.00
Appeal of an Administrative Decision	$1,000.00
Amendment to the Zoning and Land Development Regulations	$3,000.00
Change of Zoning District	$1,500.00
Amendment to the Comprehensive Plan	$3,000.00
Change of Land Use in the Comprehensive Plan	$3,000.00

2. Advertising fee if notice in a newspaper
   a. published in the Village — Actual Cost
   b. published in a newspaper that meets the requirements of Chapter 163 of Florida Statutes — Actual Cost
3. Mailing fee: — Actual Cost
4. Size of property — $ 100.00 per 10 acres or any fraction thereof
5. Number of hotel or apartment units — $ 150.00 per 15 units or any fraction thereof
6. Size of buildings - non residential only — $ 150.00 per 5,000 sq. ft. or any fraction thereof

APPEALS OF VILLAGE COUNCIL DECISIONS

For every application for an appeal of a decision by the Village Council, there shall be paid to the Building, Zoning, Planning and Public Works Department, for the processing for each and every application, a fee of six hundred dollars ($600.00), to be paid at the time of application. Site plan modification, where permitted, to appeal requests will be processed at an additional cost of six hundred dollars ($600.00).

PREPARATION OF CERTIFIED RECORD FOR COURT

For the purpose of court appeals, herein the Director for the Building, Zoning, Planning and Public Works Department is requested to make available the record upon which the decision of the Council is based, there shall be paid to the Development Services Department, for the preparation of a certified copy for the record, a fee of three hundred dollars ($300.00) to be paid at the time of request.

SCHEDULE OF MEETING DATES AND FEE SCHEDULE

All meetings are held at 7:00 PM in the Village of Key Biscayne Council Chamber at 560 Crandon Boulevard (Rear of Fire Rescue Station), Key Biscayne, Florida (unless noted otherwise). Please contact the Building, Zoning, Planning and Public Works Director to determine filing deadlines and meeting dates.

BERCOW
RADELL
FERNANDEZ
LARKIN +
TAPANES

ZONING, LAND USE AND ENVIRONMENTAL LAW

200 S. Biscayne Boulevard
Suite 300, Miami, FL 33131

www.brzoninglaw.com

305.377.6227 office
305.377.6222 fax
mtapanes@brzoninglaw.com

May 21, 2025

VIA ELECTRONIC & HAND DELIVERY

Mr. Jeremy Calleros Gauger
Planning Director
Village of Key Biscayne
88 West McIntyre Street
Key Biscayne, Florida 33149

Re: Regulatory Variance for the Property Located at 22 Harbor Point, Village of Key Biscayne, Florida

Dear Mr. Gauger:

We represent Benjamin Leon, Jr. (the "Applicant") in connection with the property located at 22 Harbor Point (the "Property") in the Village of Key Biscayne (the "Village"). This letter shall serve as the Applicant's letter of intent requesting a variance from the Village Code (the "Code") to allow a dock 101 feet in length, as more particularly described herein.

Property Background. According to the survey prepared by Fortin Leavy Skiles Inc., dated May 28, 2021, the Property is approximately 24,517 square feet (0.563 acres) in size and is located on the southwestern end of the Harbor Point peninsula. See Exhibit A, Survey. The Miami-Dade County Property Appraiser identifies the Property with Folio No. 24-5206-001-0030. See Exhibit B, Property Appraiser Summary Report. The subject site is currently vacant and has an existing dock that extends approximately 39.2 feet waterward. See Figure 1, Aerial, below. Pursuant to the Village GIS Map, the Property is designated Single Family Low Density Residential (SF-LD) and is zoned Village Estate. See Figure 2, GIS Map Excerpt, below. Pursuant to permit number B22-024737, the Applicant plans to construct an elegantly designed, modern 2-story residence at the Property.



Figure 1, Aerial.

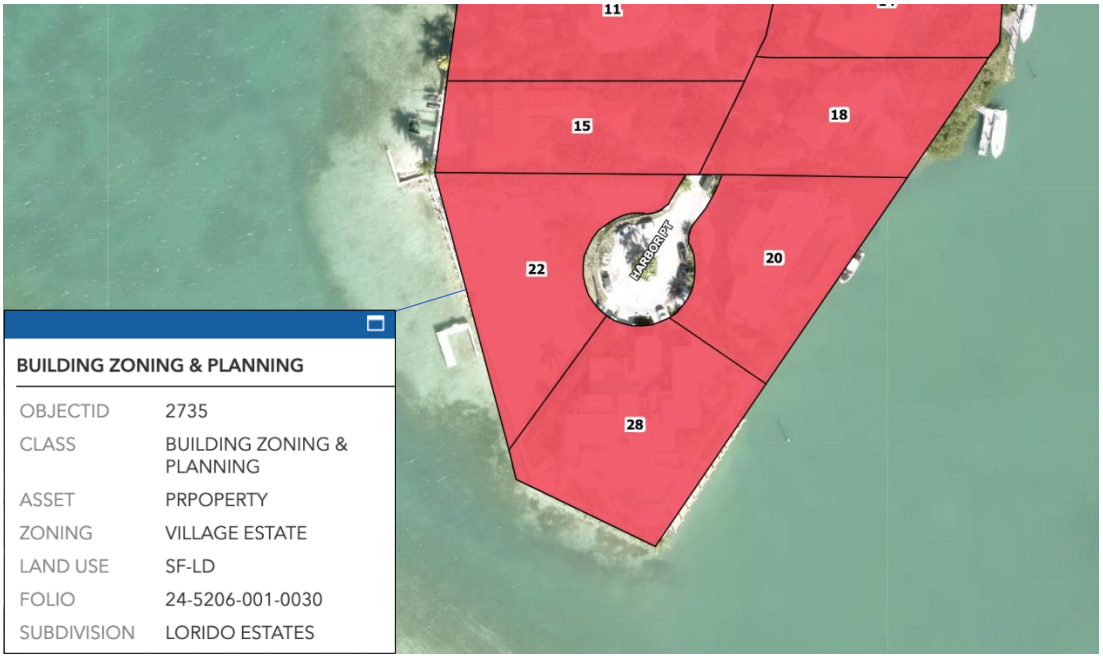


Figure 2, GIS Map Excerpt.

Project. The Applicant seeks to construct a modern dock extending 101 feet waterward (the "Project"). The existing dock is dilapidated and in disrepair. The Applicant proposes installing a state-of-the-art dock with new concrete piles, composite inlay decking, fender piles, mooring piles with iridescent silver reflective bands, railing with composite posts, and wave breaks. See Exhibit C, Proposed Plans. The Project will result in an elegantly designed, more resilient, and safe dock. The Florida Department of Environmental Protection ("FDEP") has granted an Environmental Resource Permit and Sovereignty Submerged Lands Authorization. See Exhibit D, FDEP Approval. The dock has also completed the Department of Environmental Resources Management ("DERM") review process and received preliminary approval.

The Applicant is conducting corresponding seawall and rip-rap improvements to make the seawall more resilient to erosion and to protect the Property from loss of soil and sinkholes. The Project will provide a safer dock through the installation of concrete piles driven to 25-ton minimum bearing capacity and new fender piles driven to a minimum 15-ton bearing capacity. The composite deck materials and structural integrity of the dock will create a safer walking surface for homeowners and guests. Notably, the Project will include comprehensive safety features for watercraft users, including 5" thick marine-grade iridescent silver reflective bands installed around the dolphin clusters.

According to an April 25, 2022 Biological Assessment Report by DERM, there is a heavy concentration of seagrass extending approximately 80 feet waterward into Biscayne Bay. See Exhibit E, Report. This is problematic given seagrass loss and water quality issues afflicting Biscayne Bay. The Applicant proposes extending the dock outward to 101 feet because alternative configurations would imperil seagrass. The FDEP Approval specifies that the Applicant "has placed the dock in the area with the least amount of [seagrass] resources while still providing sufficient depth for mooring." Seagrass beds are a crucial feeding ground for herbivorous grazers like manatees and sea turtles and form an important nursery habitat for several species of fish and invertebrates that later move to coral reefs upon maturity. The Applicant's goal is to balance the need for a functional dock, while protecting the delicate seagrass ecosystem and providing safety features for users of watercraft.

Variance Request. The Applicant respectfully requests approval of a Regulatory Variance of Section 30-100(f)(4)(b) of the Code to permit the Project's proposed waterward projection beyond the permitted 20 feet.

Background. In December 2011, upon the recommendation of the Dock Advisory Board, the Village adopted legislation that categorized waterfront properties in the Village within four area classifications: Hurricane Harbor & Smuggler's Cove; Biscayne Bay (a/k/a Bayfront

Properties); Inland Canals; and Nixon Beach. See Exhibit F, Ordinance 2011-15. The Property was classified as within Smuggler's Cove. Properties located just north of the subject site, on the same side of the Harbor Point peninsula, were classified within the Bayfront Properties area. Hurricane Harbor and Smuggler's Cove properties are permitted docks that "project a maximum of 20 ft. or 20% of the Waterway width, whichever is less." Bayfront Properties are permitted docks that "project a maximum of 40 ft. from the property line." The Code, however, further states: "Notwithstanding the foregoing, a dock, including mooring piles, shall be permitted to project a maximum of 100 ft. from the property line for properties located at 1,3,5,7,9, & 11 Harbor Point if the adjacent property owner(s) consent in writing." Additionally, where the property line of one of the designated parcels is concave or convex, one side of the dock may project up to 6 feet beyond the maximum permitted length. The designated parcels, 1,3,5,7,9 and 11 Harbor Point, are substantially similar to the Property in terms of location and waterward conditions. See Figure 3, Designated Parcels (identified by a yellow star), below.



Figure 3, Designated Parcels.

The Applicant's existing dock is legally nonconforming as it extends approximately 39.2 feet waterward. See Exhibit A, Survey. Per Section 30-30 of the Code, legally established nonconforming structures may continue to be used and maintained. However, the existing dock is in an exceedingly deteriorated condition. Moreover, because of the concentration of seagrass

within 80 feet of the Property waterward, continued dock operations at the location of the existing dock would compromise the seagrass ecosystem and the safety of watercraft users. Therefore, a new modern dock extending 101 feet is necessary to have a usable and safe structure.

Variance Criteria. Approval of the Regulatory Variance Request complies with the criteria set forth in Section 30-63 of the Code. Specifically, Section 30-63(a) provides that an application for a variance shall be approved only if it demonstrates all of the following:

1) *The Variance will result in conditions that maintain and are consistent in all material respects with the intent and purpose of these Regulations, and that the general welfare, stability and appearance of the community will be protected and maintained; and*

The construction of a modern, aesthetically pleasing dock will allow the homeowners to enjoy the Property's access to the water, as is intended for waterfront properties in the zoning district. The Variance will maintain the purpose of the Village Code and general welfare will be protected. The Project will provide a safer dock through the installation of high-bearing capacity concrete piles and fender piles that support the new composite deck. The structural integrity and material of the dock will create a safer walking surface for visitors and residents. In addition, the Project will protect the general welfare by including comprehensive safety features for users of watercraft, such as mooring piles with 5" thick iridescent silver reflective bands.

The Project provides for the preservation and protection of natural resources because the Project will protect and preserve seagrass, which improves water quality and provides nursing areas and food resources for a multitude of marine species. Sec. 253-04(3)(a), Florida Statutes, states that "preservation and regeneration of seagrass … is deemed essential to the oceans, gulfs, estuaries, and shorelines of the state." The Project will preserve crucial seagrass beds in Biscayne Bay while protecting the safety of watercraft users.

2) *The Variance will be compatible with the surrounding land Uses, and otherwise consistent with these Regulations and the Comprehensive Plan, and will not be detrimental to the community.*

The Property is within the Single Family Low Density Residential land use category, which is intended to allow for the use of single family, detached homes on lots of at least 15,000 square feet of net area. The dock in question is consistent with the allowable uses within this land use category and, as a result, is compatible with the surrounding land uses and will have no negative impact on the community.

The Project will not be detrimental to neighbors or injurious to the area because a more resilient dock and sea wall will result in a safer waterway for those who navigate it. The Project will have minimal impact on the homeowners on the waterway or anyone who passes through the waterway because the additional distance requested does not interfere with the navigable waterway and the dock will provide comprehensive safety features. The proposed dock is compliant with the Regulatory and Economic Resources D5 Triangle and the Section 30-100(f)(4)(b) Village Triangle requirements. The Project is in harmony with docks that are permitted for neighbors to the Property's north and will not negatively impact the community.

Conclusion. Based on the foregoing information, we respectfully request your recommendation for approval of the Variance Request and that this matter be scheduled for public hearing as soon as possible. Should you have any questions, comments, or require additional information, please do not hesitate to phone my direct line at (305) 377-6227.

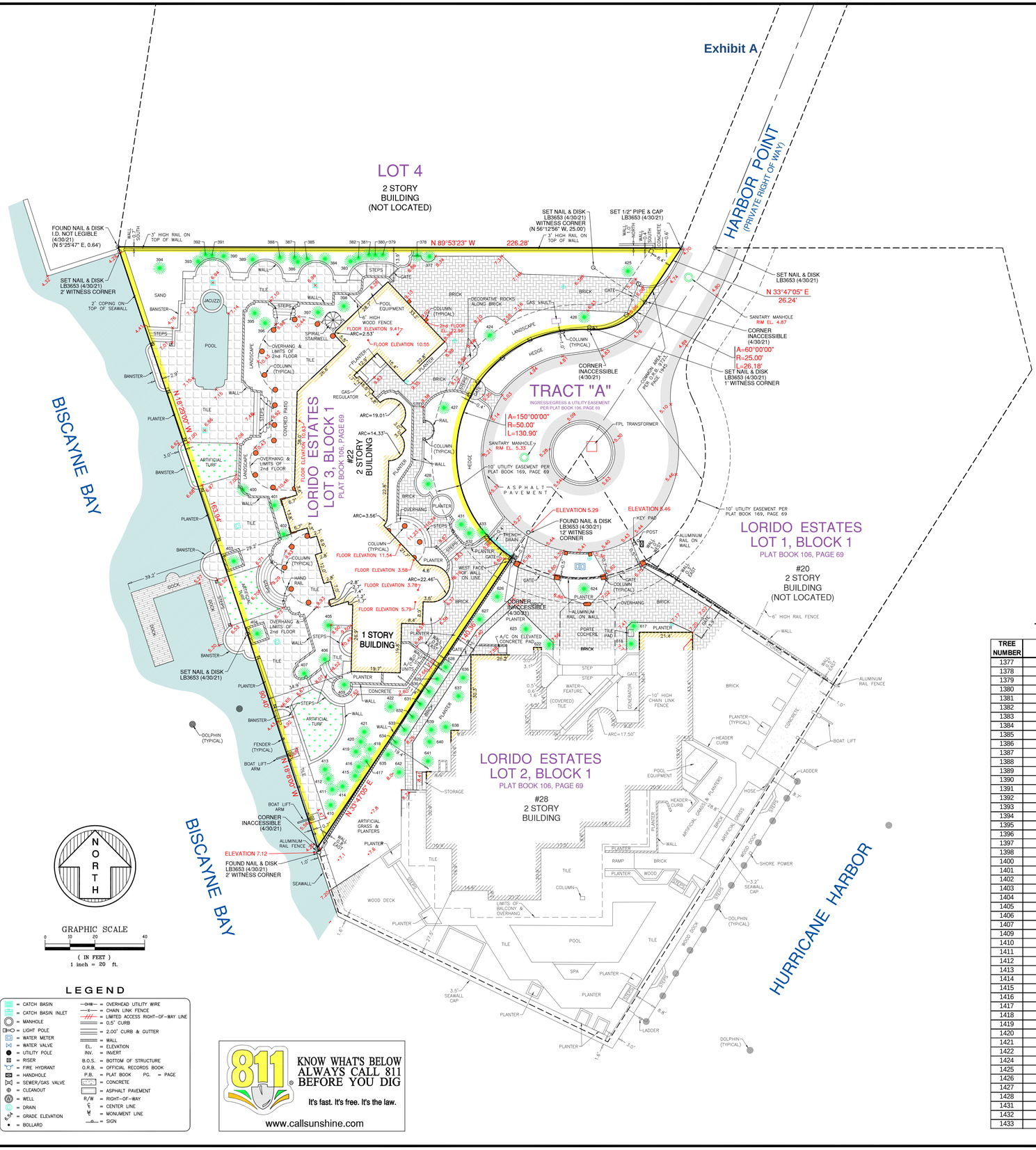
Very truly yours,

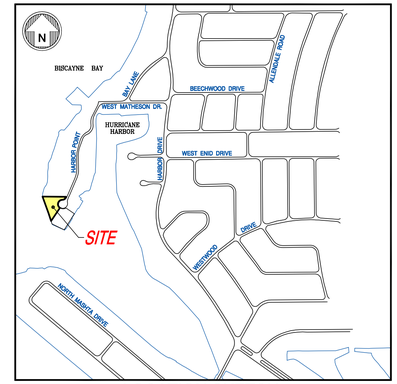


Melissa Tapanes Llahues

CC: Tom Robertson, Esq.
Roberto Alvarez, Esq.

Exhibit A





LOCATION SKETCH
NOT TO SCALE

N
O
R
T
H

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 inch = 20 ft.

LEGEND

- = CATCH BASIN
- = CATCH BASIN INLET
- = MANHOLE
- = LIGHT POLE
- = WATER METER
- = WATER VALVE
- = UTILITY POLE
- = RISER
- = FIRE HYDRANT
- = HANDHOLE
- = SEWER/GAS VALVE
- = CLEANOUT
- = WELL
- = DRAIN
- = GRADE ELEVATION
- = BOLLARD
- OHW = OVERHEAD UTILITY WIRE
- = CHAIN LINK FENCE
- = LIMITED ACCESS RIGHT-OF-WAY LINE
- = 0.5" CURB
- = 2.00" CURB & GUTTER
- = WALL
- EL. = ELEVATION
- INV. = INVERT
- B.O.S. = BOTTOM OF STRUCTURE
- O.R.B. = OFFICIAL RECORDS BOOK
- P.B. = PLAT BOOK PG. = PAGE
- = ASPHALT PAVEMENT
- = CONCRETE
- R/W = RIGHT-OF-WAY
- ℄ = CENTER LINE
- M = MONUMENT LINE
- = SIGN

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's fast. It's free. It's the law.
www.callsunshine.com

TREE TABLE - 5/28/21

TREE NUMBER	COMMON NAME	D.B.H. (INCHES)	HEIGHT (FEET)	SPREAD (FEET)
1377	Fan Palm	3x12 M/T	25	18
1378	Fan Palm	12	14	15
1379	Ficus	30 M/T	40	15
1380	Ficus	12	40	10
1381	Ficus	12	40	10
1382	Fan Palm	3x12	35	10
1383	Fan Palm	3x12	35	10
1384	Fan Palm (Cluster)	60" M/T	40	30
1385	Fan Palm	2x12	40	25
1386	Fan Palm	10	4	10
1387	Fan Palm	12	30	10
1388	Fan Palm (Cluster)	60 M/T	40	25
1389	Fan Palm (Cluster)	60 M/T	40	25
1390	Fan Palm	12	2	8
1391	Fan Palm	12	2	8
1392	Fan Palm	12	2	8
1393	Fan Palm	12	2	8
1394	Coconut Palm	10	30	25
1395	Robellini (Cluster)	48 M/T	30	25
1396	Robellini (Cluster)	42 M/T	30	18
1397	Robellini (Cluster)	48 M/T	18	25
1398	Washingtonian	12	28	14
1400	Robellini (Cluster)	72 M/T	35	30
1401	Thatch Palm	5	12	8
1402	Thatch Palm	4	14	6
1403	Date Palm	24	38	25
1404	Date Palm	18	38	22
1405	Pink Trumpet	14	24	20
1406	Pink Trumpet	18	25	30
1407	Biota	6	6	8
1409	Robellini	5x4 M/T	18	15
1410	Cabbage Palm	2x10	6	12
1411	Cabbage Palm	12	20	12
1412	Cabbage Palm	12	14	16
1413	Cabbage Palm	12	12	10
1414	Cabbage Palm	2x10	8	18
1415	Beauty Leaf	3	10	5
1416	Beauty Leaf	5	22	5
1417	Beauty Leaf	5	22	6
1418	Beauty Leaf	4	22	6
1419	Oleander	4	10	6
1420	Oleander	20 M/T	20	15
1421	Washingtonian	2x14	6	16
1422	Robellini (Cluster)	72 M/T	24	20
1424	Robellini (Cluster)	60 M/T	26	32
1425	Robellini (Cluster)	48 M/T	18	20
1426	Date Palm	36	40	18
1427	Oak	36	40	50
1428	Date Palm	18	40	20
1431	Date Palm	14	40	20
1432	Pink Trumpet	10	20	18
1433	Robellini	10	12	10

LEGAL DESCRIPTION:

Lot 3, Block 1, of LORIDO ESTATES, according to the plat thereof as recorded in Plat Book 106 at Page 69 of the Public Records of Miami-Dade County, Florida.

SURVEYOR'S NOTES:

- This site lies in Section 6, Township 55 South, Range 42 East, Village of Key Biscayne, Miami-Dade County, Florida.
- All documents are recorded in the Public Records of Miami-Dade County, Florida unless otherwise noted.
- Lands shown hereon were NOT abstracted for restrictions, easements and/or rights-of-way of records.
- Bearings hereon are referred to an assumed value of N 56°12'55" W for the Northeasterly line of Lot 2, and evidenced by (2) two set nails & disks.
- Elevations shown hereon are relative to the National Geodetic Vertical Datum of 1929, based on Miami-Dade County Benchmark No. KB-53-R, Elevation +4.05 Located in December 2020 at Beechwood Drive and Harbor Drive.
- Lands shown hereon are located within an area having a Zone Designation AE (EL 10) by the Federal Emergency Management Agency (FEMA), on Flood Insurance Rate Map No. 12086C0483L, for Community No. 120648, dated September 11, 2009, and index map revised September 11, 2009, and is relative to the National Geodetic Vertical Datum of 1929.
- Dimensions indicated hereon are field measured by electronic measurement, unless otherwise noted.
- Lands shown hereon containing 24,517 square feet, or 0.563 acres, more or less.
- Improvements shown beyond the (scope/limits) of this boundary & topographic survey may not be current or located.
- All horizontal control measurements are within a precision of 1:10,000.
- This map is intended to be displayed at the graphic scale shown hereon or smaller.
- Roof overhang not located unless otherwise shown.
- Trees shown are surveyed for their horizontal location and/or size. Identification and/or name verification of all trees should be confirmed by the Division of Forestry, a certified Arborist or a professional in that field.
- Underground improvements and/or underground encroachments not shown unless otherwise indicated.
- The approximate location of all utilities shown hereon were determined from As-Built plans and/or on-site locations and should be verified before construction.
- Legal description shown hereon based on information furnished by client and no claims as to ownership are made or implied.

SURVEYOR'S CERTIFICATION:

This is to certify that this "Boundary and Topographic Survey" was made under my responsible charge on May 28, 2021, in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and meets the applicable codes as set forth in the Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.
The fieldwork was completed on May 28, 2021.

"Not valid without the signature and original raised seal or a digital signature of the Florida Licensed Surveyor and Mapper shown below"

FORTIN, LEAVY, SKILES, INC., LB3653

By: _____
Daniel C. Fortin Jr, For The Firm
Surveyor and Mapper, LS6435
State of Florida.

This Drawing is the Property of Fortin, Leavy, Skiles, Inc. and is an Instrument of Service not to be Reproduced in Whole or in Part without the Express WRITTEN Permission of Same.

No.	O.N.	Revision Description

FORTIN, LEAVY, SKILES, INC.
CONSULTING ENGINEERS, SURVEYORS & MAPPERS
FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER: 0000363
180 Northeast 168th Street / North Miami Beach, Florida 33162
Phone 305-653-4493 / Fax 305-651-7152 / Email fls@flssurvey.com

ALTA/NSPS LAND TITLE SURVEY

22 HARBOR POINT, KEY BISCAYNE, FL 33149
VILLAGE OF KEY BISCAYNE, MIAMI-DADE COUNTY, FLORIDA

Original Date	5/28/21
Scale	1" = 20'
Drawn By	DWF
CAD No.	201049
Plotted	5/5/21 4:14p
Ref. Dwg.	2020-127
Field Book	658/78-80 - SJD
Job No.	201085
Dwg. No.	2020-198
Sheet	1 of 1

Exhibit B

OFFICE OF THE PROPERTY APPRAISER

Summary Report

Generated On : 5/25/2023

Property Information	
Folio:	24-5206-001-0030
Property Address:	22 HARBOR PT Key Biscayne, FL 33149-1716
Owner	KB OFFSHORE HOLDINGS LLC C/O ALFREDO D XIQUES
Mailing Address	2950 SW 27 AVE STE 100 MIAMI, FL 33133 USA
PA Primary Zone	2000 ESTATES - GENERAL
Primary Land Use	0081 VACANT RESIDENTIAL : VACANT LAND
Beds / Baths / Half	0 / 0 / 0
Floors	0
Living Units	0
Actual Area	0 Sq.Ft
Living Area	0 Sq.Ft
Adjusted Area	0 Sq.Ft
Lot Size	26,846 Sq.Ft
Year Built	1993



Assessment Information			
Year	2022	2021	2020
Land Value	$12,349,160	$8,894,000	$10,738,400
Building Value	$31,407	$2,685,000	$0
XF Value	$1,223	$123,675	$10,000
Market Value	$12,381,790	$11,702,675	$10,748,400
Assessed Value	$12,381,790	$10,898,877	$10,748,400

Benefits Information				
Benefit	Type	2022	2021	2020
Save Our Homes Cap	Assessment Reduction		$803,798	
Homestead	Exemption		$25,000	$25,000
Second Homestead	Exemption		$25,000	$25,000

Note: Not all benefits are applicable to all Taxable Values (i.e. County, School Board, City, Regional).

Short Legal Description
LORIDO ESTS PB 106-69
LOT 3 BLK 1 &
PROP INT IN & TO COMMON ELEMENTS
LOT SIZE 26846 SQ FT
OR 20500-1947 06/2002 4

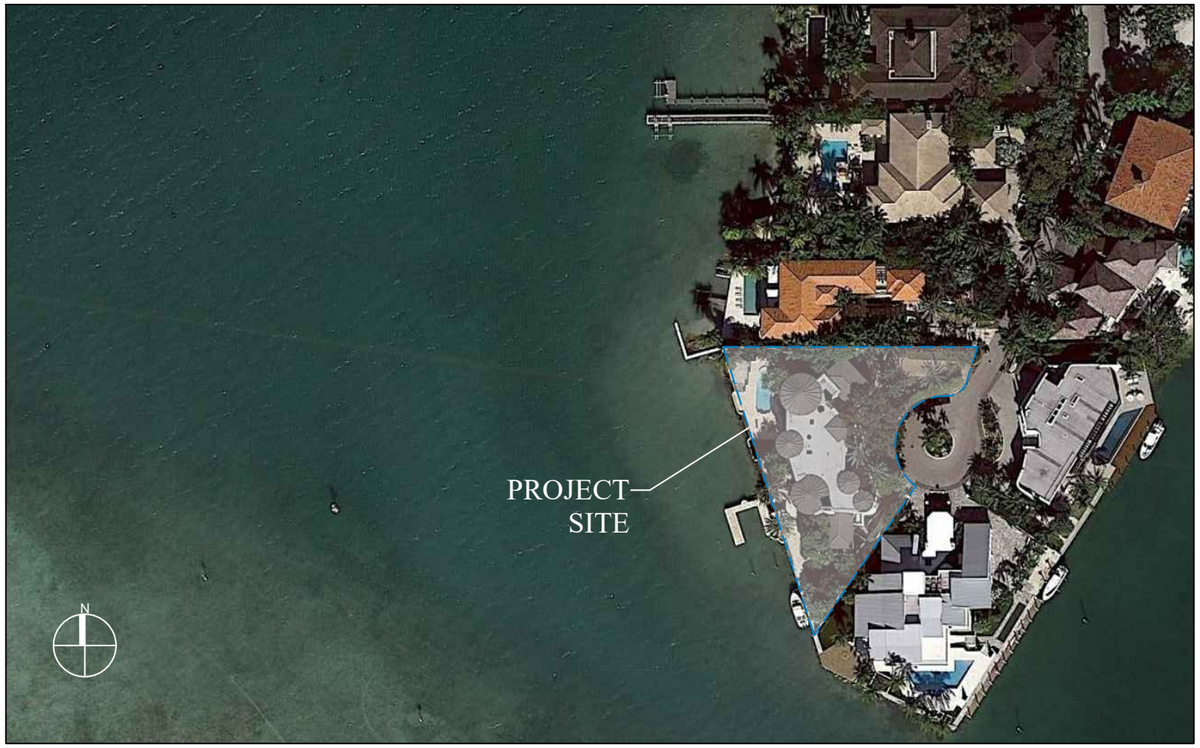
Taxable Value Information			
	2022	2021	2020
County			
Exemption Value	$0	$50,000	$50,000
Taxable Value	$12,381,790	$10,848,877	$10,698,400
School Board			
Exemption Value	$0	$25,000	$25,000
Taxable Value	$12,381,790	$10,873,877	$10,723,400
City			
Exemption Value	$0	$50,000	$50,000
Taxable Value	$12,381,790	$10,848,877	$10,698,400
Regional			
Exemption Value	$0	$50,000	$50,000
Taxable Value	$12,381,790	$10,848,877	$10,698,400

Sales Information			
Previous Sale	Price	OR Book-Page	Qualification Description
03/23/2021	$15,000,000	32436-4677	Qual by exam of deed
09/01/2007	$0	25959-0344	Sales which are disqualified as a result of examination of the deed
07/01/2006	$0	25075-4521	Sales which are disqualified as a result of examination of the deed
06/01/2005	$12,900,000	23488-2875	Sales which are qualified

The Office of the Property Appraiser is continually editing and updating the tax roll. This website may not reflect the most current information on record. The Property Appraiser and Miami-Dade County assumes no liability, see full disclaimer and User Agreement at http://www.miamidade.gov/info/disclaimer.asp

Version:

Exhibit C



LOCATION MAP AND LEGAL DESCRIPTION



PROJECT SITE LOCATION:
22 Harbor Point
Key Biscayne, FL 33149

LATITUDE: 25°41'20.07"N
LONGITUDE: 80°10'33.16"W

FOLIO No.: 24-5206-001-0030

LEGAL DESCRIPTION:

LORIDO ESTS PB 106-69

LOT 3 BLK 1 &

PROP INT IN & TO COMMON ELEMENTS

LOT SIZE 26846 SQ FT

OR 20500-1947 06/2002 4

COC 25959-0344 09 2007 5

GENERAL NOTES:

1. ELEVATIONS SHOWN REFER TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929.
2. ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD.
3. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF ENGINEER BEFORE PROCEEDING WITH WORK. CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR ALL LINES, ELEVATIONS, AND MEASUREMENTS IN CONNECTION WITH THEIR WORK.
4. IT IS THE INTENT OF THESE PLANS AND THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE AND GOVERN HIMSELF BY ALL PROVISIONS OF THESE PERMITS.
5. APPLICABLE BUILDING CODE: FLORIDA BUILDING CODE, 2023 8th EDITION (AND CURRENT ADDENDUMS).
6. APPROVED CONTRACTOR TO DETERMINE THE SUITABILITY OF EXISTING STRUCTURES AND VERIFY ALL DIMENSIONS. THE APPROVED CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, MEANS, SEQUENCES AND PROCEDURES OF WORK.
7. DO NOT SCALE DRAWINGS FOR DIMENSIONS.
8. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK.
9. CONTRACTOR TO PROPERLY FENCE AND SECURE AREA WITH BARRICADES.
10. ANY DEVIATION AND/OR SUBSTITUTION FROM THE INFORMATION PROVIDED HEREIN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
11. ALL NEW MATERIALS AND/OR PATCHWORK SHALL BE PROVIDED TO MATCH EXISTING MATERIALS AND/OR ADJOINING WORK WHERE PRACTICAL EXCEPT AS SPECIFICALLY NOTED HEREIN.
12. LICENSED CONTRACTOR SHALL USE ALL POSSIBLE CARE TO PROTECT ALL EXISTING MATERIALS, SURFACES, AND FURNISHINGS FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.
13. THE LICENSED CONTRACTOR TO INSTALL AND REMOVE ALL SHORING AND BRACING AS REQUIRED FOR THE PROPER EXECUTION OF THE WORK.
14. ALL NEW WORK AND/OR MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF EACH ADMINISTRATIVE BODY HAVING JURISDICTION IN EACH PERTAINING CIRCUMSTANCE.
15. THE CONTRACTOR WILL EMPLOY AND MAINTAIN ADEQUATE SEDIMENT AND EROSION CONTROL MEASURES TO PROTECT BISCAYNE BAY FROM SEDIMENT AND CO3333NSTRUCTION DEBRIS.

DESIGN CRITERIA

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE FOLLOWING CODES AND SPECIFICATIONS:

1. FLORIDA BUILDING CODE (FBC), 2023 8th EDITION.
2. ACI 318-19, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
3. ASCE 7-22, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
4. NDS NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2018 EDITION.
5. EM 1110-2-1100 (PART VI) COASTAL ENGINEERING MANUAL, 2011 EDITION.

IN THE EVEN OF CONFLICT BETWEEN PERTINENT CODES AND REGULATIONS AND THE REQUIREMENTS OF THE REFERENCED STANDARDS OF THESE SPECIFICATIONS, THE PROVISIONS OF THE MORE STRINGENT SHALL GOVERN.

DOCK LL: 60 PSF

BOLTS: ALL BOLTS SHALL BE 316 STAINLESS STEEL OR GALVANIZED, UNLESS OTHERWISE NOTED.

REBAR: ALL REBAR TO BE GALVANIZED GRADE 60 OR BETTER, UNLESS OTHERWISE NOTED.

CONCRETE

1. CONCRETE SHALL CONFORM TO ACI 318 (LATEST ED.) AND SHALL BE REGULAR WEIGHT, SULFATE RESISTANT, WITH A DESIGN STRENGTH OF 5,000 PSI AT 28 DAYS W/ A MAX WATER-CEMENTIOUS MATERIALS RATIO, BY WEIGHT, NORMAL WEIGHT AGGREGATE CONCRETE OF 0.40.
2. OWNER SHALL EMPLOY AND PAY FOR TESTING SERVICES FROM AN INDEPENDENT TESTING LABORATORY FOR CONCRETE SAMPLING AND TESTING IN ACCORDANCE W/ ASTM.
3. LICENSED CONTRACTOR IS RESPONSIBLE FOR THE ADEQUACY OF FORMS AND SHORING AND FOR SAFE PRACTICE IN THEIR USE AND REMOVAL.
4. CONCRETE COVER SHALL BE 3" UNLESS OTHERWISE NOTED ON APPROVED DRAWINGS.
5. REINFORCING STEEL SHALL BE IN CONFORMANCE WITH THE LATEST VERSION OF ASTM A615 GRADE 60 SPECIFICATIONS. ALL REINFORCEMENT SHALL BE PLACED IN ACCORDANCE W/ ACI 315 AND ACI MANUAL OF STANDARD PRACTICE.
6. SPLICES IN REINFORCING BARS SHALL NOT BE LESS THAN 48 BAR DIAMETERS AND REINFORCING SHALL BE CONTINUOUS AROUND ALL CORNERS AND CHANGES IN DIRECTION. CONTINUITY SHALL BE PROVIDED AT CORNERS OR CHANGES IN DIRECTION BY BENDING THE LONGITUDINAL STEEL AROUND THE CORNER 48 BAR DIAMETERS.

WOOD

1. PRIMARY WOOD FRAMING MEMBERS SHALL BE NUMBER 1 PRESSURE TREATED MARINE GRADE TEK SOUTHERN PINE, OR BETTER.

PILE DRIVING NOTES

1. ALL PILES TO BE INSPECTED BY ENGINEER TEAM PRIOR TO INSTALL.
2. ENGINEER TO OBSERVE PILE DRIVING TO PREPARE PILE LOG.
3. PILE DRIVING OPERATIONS SHALL BE OBSERVED BY A SPECIAL INSPECTOR, INCLUDING TEST PILES SUFFICIENT TO DETERMINE THE APPROXIMATE LENGTH REQUIRED TO MEET DESIGN CAPACITY.
4. PILES SHALL BE DRIVEN USING AN APPROVED CUSHION BLOCK CONSISTING OF MATERIAL SO ARRANGED SO AS TO PROVIDE THE TRANSMISSION OF THE HAMMER ENERGY.
5. PILES SHALL BE DRIVEN TO REQUIRED MINIMUM 15 TON (WOOD)/ (25-TON (CONCRETE) BEARING CAPACITY.
6. PILES SHALL BE DRIVEN WITH A DROP HAMMER OR GRAVITY HAMMER PROVIDED THE HAMMER SHALL WEIGH NO LESS THAN 3,000 POUNDS, AND THE FALL OF THE HAMMER SHALL NOT EXCEED 6 FT.
7. PILES SHALL BE DRIVEN WITH A VARIATION OF NOT MORE THAN ¼" PER FOOT FROM THE VERTICAL, OR FROM THE BATTER LINE INDICATED, WITH A MAX VARIATION OF THE HEAD OF THE PILE FROM THE POSITION SHOWN ON THE PLANS OF NOT MORE THAN 3".
8. WHERE PILING MUST PENETRATE STRATA OFFERING HIGH RESISTANCE TO DRIVING, THE STRUCTURAL ENGINEER OF RECORD OR SPECIAL INSPECTOR MAY REQUIRE THAT PILES BE SET IN PRE-DRILLED OR PUNCHED HOLES. THE PILES SHALL REACH THEIR FINAL PENETRATION BY DRIVING.

CALL 811 FOR UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

22 HARBOR POIN 2617
DOCK PROJECT

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
OCEAN CONSULTING, LLC.
359 Alcazar Avenue, Suite 200
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:
ADOLFO J. GONZALEZ P.E.

2050 Coral Way Suite 502
Miami, Fl 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE

Adolfo J. Gonzalez PE
Lic. No. 58620

PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

PROJECT:21-11375

PROJECT LOCATION & NOTES

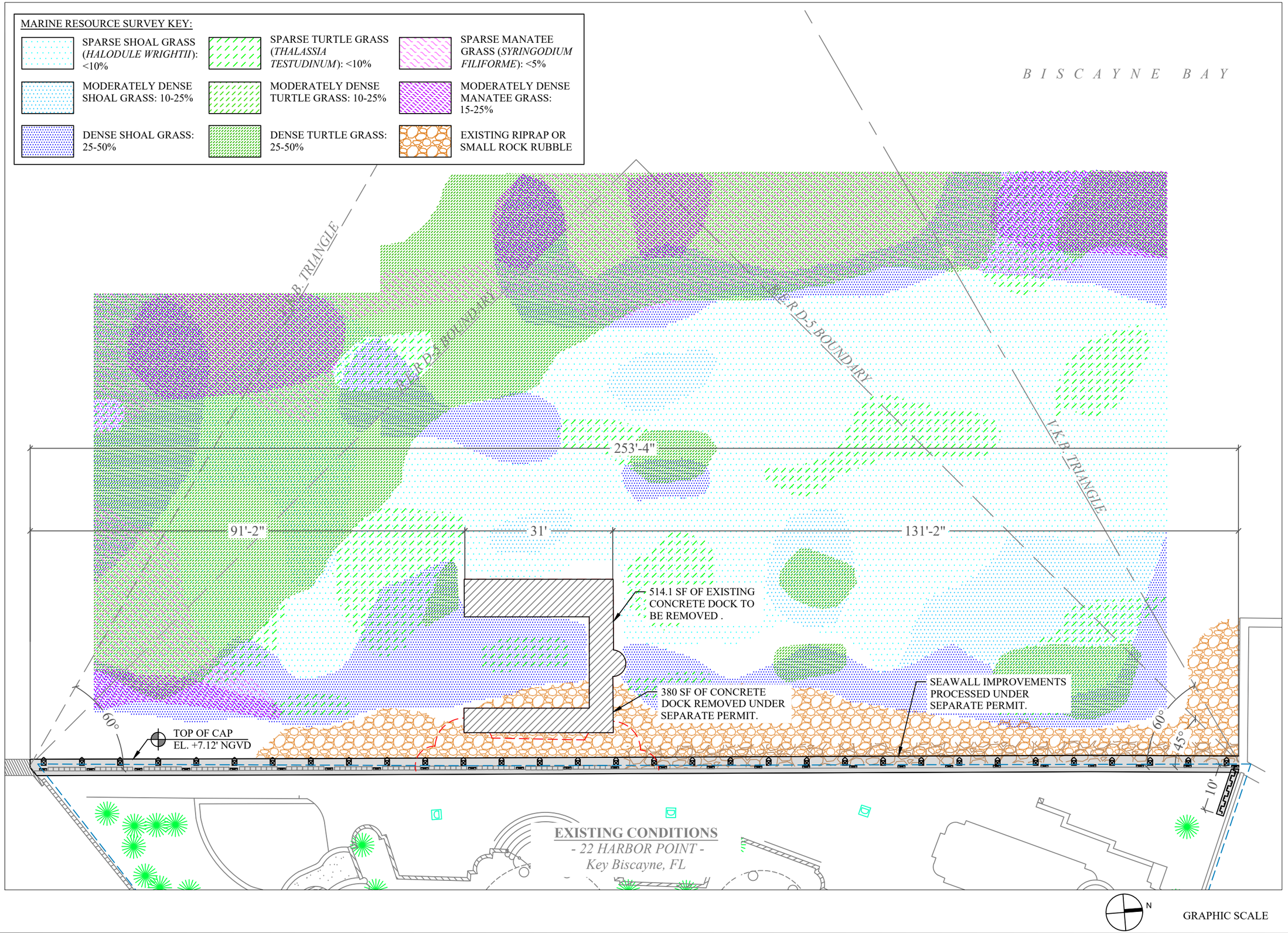
SCALE : AS SHOWN

SHEET NO.

S-1

MARINE RESOURCE SURVEY KEY:

- SPARSE SHOAL GRASS (*HALODULE WRIGHTII*): <10%
- SPARSE TURTLE GRASS (*THALASSIA TESTUDINUM*): <10%
- SPARSE MANATEE GRASS (*SYRINGODIUM FILIFORME*): <5%
- MODERATELY DENSE SHOAL GRASS: 10-25%
- MODERATELY DENSE TURTLE GRASS: 10-25%
- MODERATELY DENSE MANATEE GRASS: 15-25%
- DENSE SHOAL GRASS: 25-50%
- DENSE TURTLE GRASS: 25-50%
- EXISTING RIPRAP OR SMALL ROCK RUBBLE



EXISTING CONDITIONS
- 22 HARBOR POINT -
Key Biscayne, FL

N

GRAPHIC SCALE

22 HARBOR POINT DOCK PROJECT 2618

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
OCEAN CONSULTING, LLC.
359 Alcazar Avenue, Suite 200
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:
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2050 Coral Way Suite 502
Miami, Fl 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE

Adolfo J. Gonzalez PE
Lic. No. 58620

PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

PROJECT:21-11375

EXISTING CONDITIONS

SCALE : AS SHOWN
SHEET NO.

S-2

MARINE RESOURCE SURVEY KEY:

- SPARSE SHOAL GRASS (*HALODULE WRIGHTII*): <10%
- SPARSE TURTLE GRASS (*THALASSIA TESTUDINUM*): <10%
- SPARSE MANATEE GRASS (*SYRINGODIUM FILIFORME*): <5%
- MODERATELY DENSE SHOAL GRASS: 10-25%
- MODERATELY DENSE TURTLE GRASS: 10-25%
- MODERATELY DENSE MANATEE GRASS: 15-25%
- DENSE SHOAL GRASS: 25-50%
- DENSE TURTLE GRASS: 25-50%
- EXISTING RIPRAP OR SMALL ROCK RUBBLE

DOCK SQUARE FOOTAGE BREAKDOWN

• ELEVATED SECTION	821 SF	89%
• LOWER SECTION	100 SF	11%
TOTAL:	**921 SF**	**100%**

(9) NEW 12" DIA. WOOD FENDER PILES TO EXTEND 6-FT ABOVE DECK WITH (2) S-CLEATS AND (1) RUBBER D-FENDER EACH.

(4) NEW STEPS FROM EL. +7.12' NGVD TO EL +5.12' NGVD. WITH IPE POST AND STAINLESS STEEL CABLE RAILING.

B I S C A Y N E B A Y

253'-4"

103'-1"

45'

105'-7"

V.K.B. TRIANGLE

(3) NEW 12" DIA. WOOD MOORING PILES TO EXTEND 6-FT ABOVE DECK ELEVATION WITH (2) S-CLEATS AND (1) RUBBER D-FENDER SECURED TO EACH.

INGRESS EGRESS

55' VESSEL

10' 17' 10' 18' 10'

9'-6"

5'

10'

36' VESSEL

15'

12' 1' 6'

TOP OF DOCK EL. +5.12' NGVD

59 LF OF NEW WAVE BREAKS TO BE INSTALLED BELOW DOCK.

+1 MLW CONTOUR LINE

R.E.R.D.5 BOUNDARY

TOP OF DOCK EL. +7.12' NGVD

86 LF OF NEW RAILING WITH 4"x4" COMPOSITE POSTS (MATCH DECK COLOR) & STAINLESS CABLES. SEE DETAIL "2" ON S-8.

115 LF OF NEW RAILING WITH 4"x4" COMPOSITE POSTS (MATCH DECK COLOR) & STAINLESS STEEL CABLES. SEE DETAIL "2" ON S-8.

101'

94'-6"

86'

EXISTING DOCK FOOTPRINT.

NEW 921 SF CONCRETE EDGE BEAM WITH ½" SPACED COMPOSITE INLAY DECKING. DOCK SUPPORTED BY (17) CONCRETE PILE CAPS AND (37) 12x12" P.S. CONCRETE PILES AND (8) 12"x12" CONCRETE BATTER PILES.

SEAWALL IMPROVEMENTS AND RIP-RAP PROCESSED UNDER SEPARATE PERMIT CLI-2021-0611.

60° 45°

TOP OF CAP EL. +7.12' NGVD

A S-5

10'

PROPOSED CONDITIONS

- 22 HARBOR POINT -

Key Biscayne, FL

NOTE: MARINE RESOURCE SURVEY CONDUCTED BY OCEAN CONSULTING ON APRIL 11, 2024.

N

GRAPHIC SCALE

22 HARBOR POINT DOCK PROJECT 2619

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
OCEAN CONSULTING, LLC.
359 Alcazar Avenue, Suite 200
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:
ADOLFO J. GONZALEZ P.E.

2050 Coral Way Suite 502
Miami, Fl 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE

Adolfo J. Gonzalez PE
Lic. No. 58620

PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

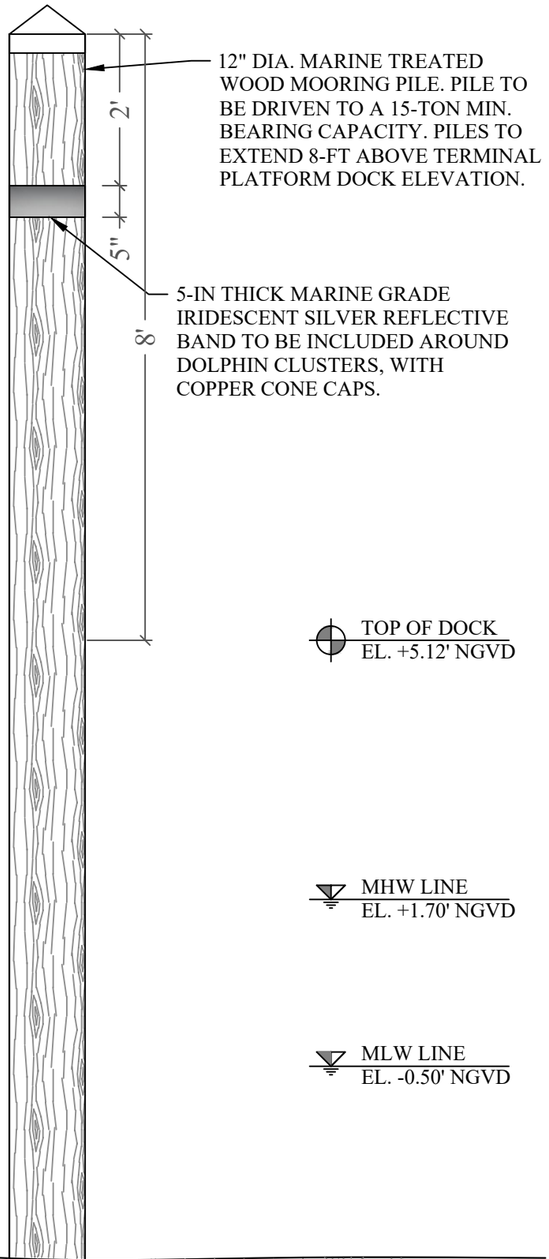
PROJECT:21-11375

PROPOSED CONDITIONS

SCALE : AS SHOWN

SHEET NO.

S-3



MOORING PILE DETAILS 1/S-3.1

SCALE: ½" = 1'-0"



N GRAPHIC SCALE

22 HARBOR POINT DOCK PROJECT 2620

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
OCEAN CONSULTING, LLC.
359 Alcazar Avenue, Suite 200
Coral Gables, Florida 33134
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CONTRACTOR:

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Lic. No. 58620

PERMIT DRAWINGS

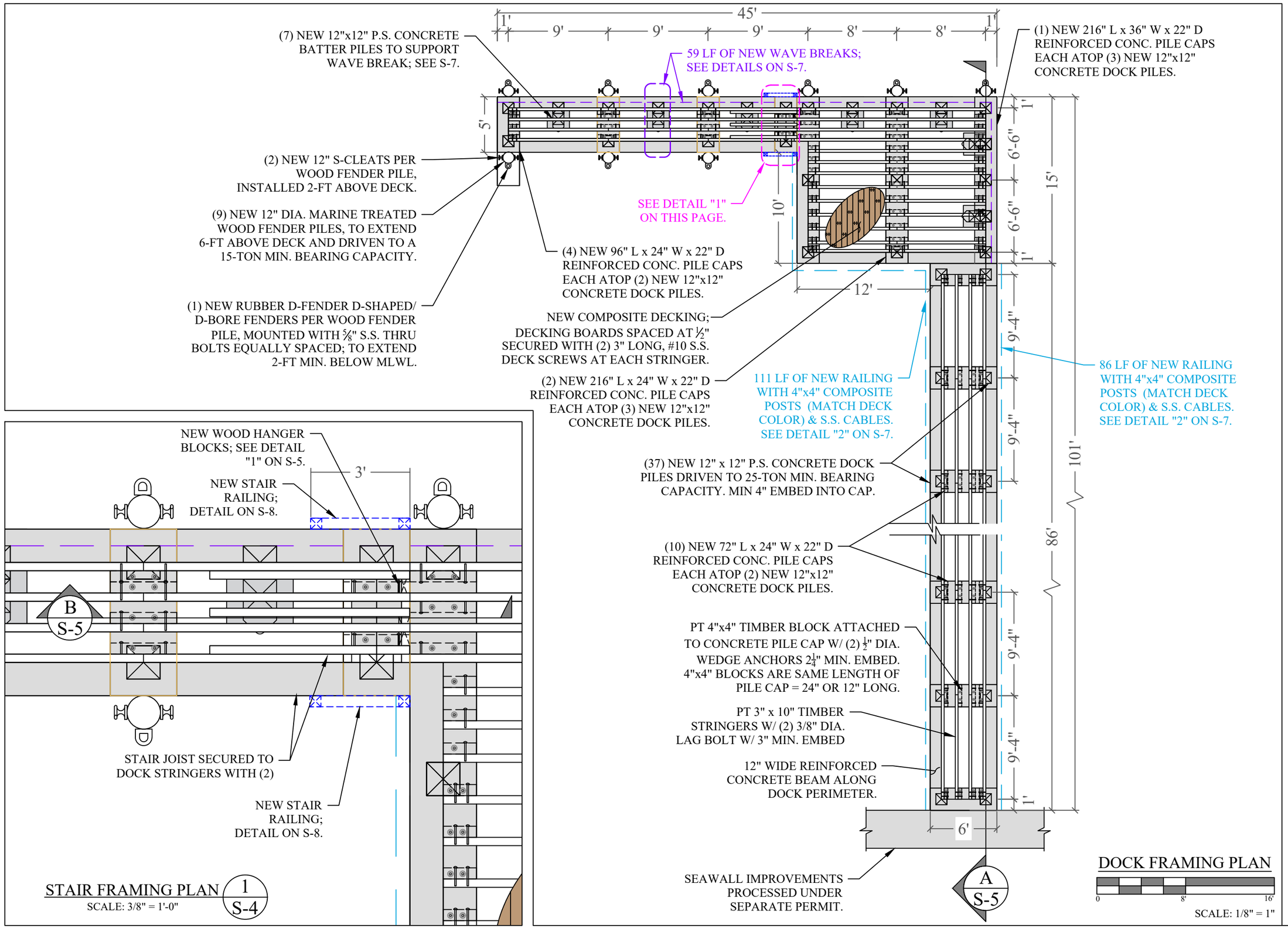
Issue #	Issue Date
1	March 28, 2025 - VD

PROJECT:21-11375

MOORING PILE DETAIL & ESTIMATED CHANNEL BOUNDARY

SCALE : AS SHOWN

SHEET NO.
S-3.1



STAIR FRAMING PLAN 1/S-4
SCALE: 3/8" = 1'-0"

DOCK FRAMING PLAN
0 8' 16'
SCALE: 1/8" = 1"

22 HARBOR POIN 2621 DOCK PROJECT

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
OCEAN CONSULTING, LLC.
359 Alcazar Avenue, Suite 200
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:
ADOLFO J. GONZALEZ P.E.

2050 Coral Way Suite 502
Miami, Fl 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE

Adolfo J. Gonzalez PE
Lic. No. 58620

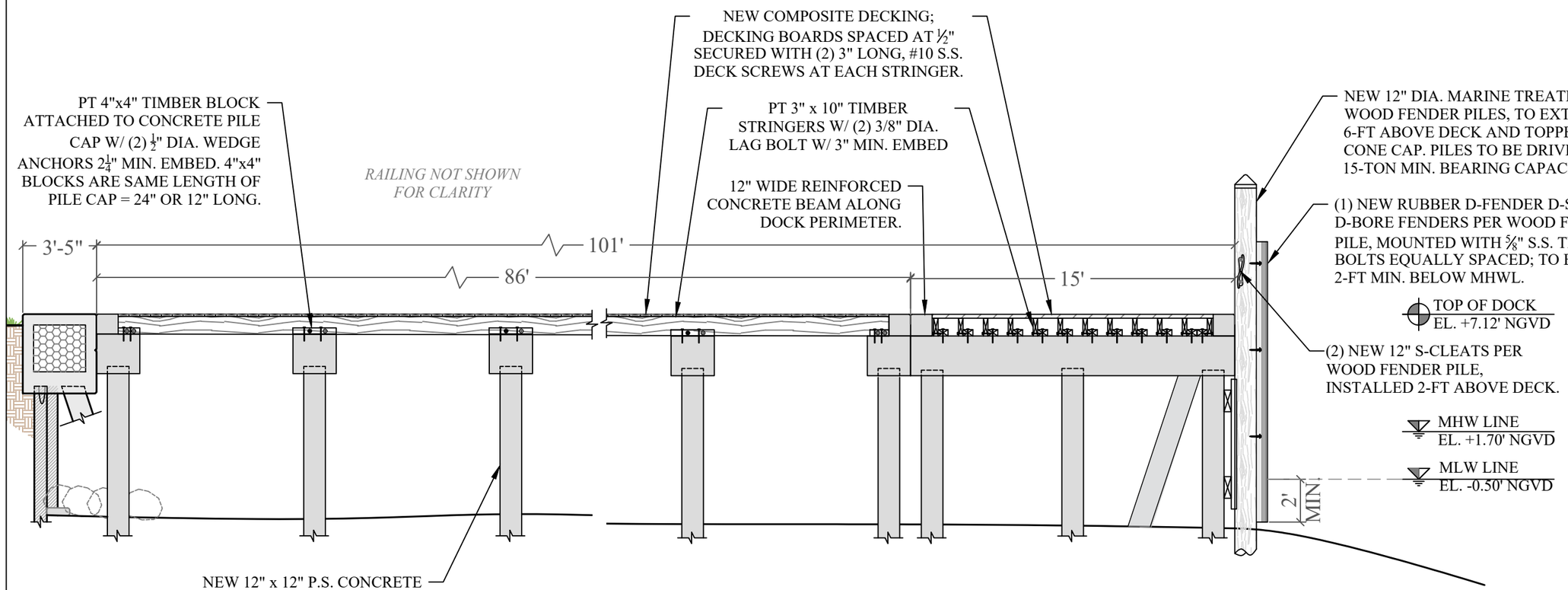
PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

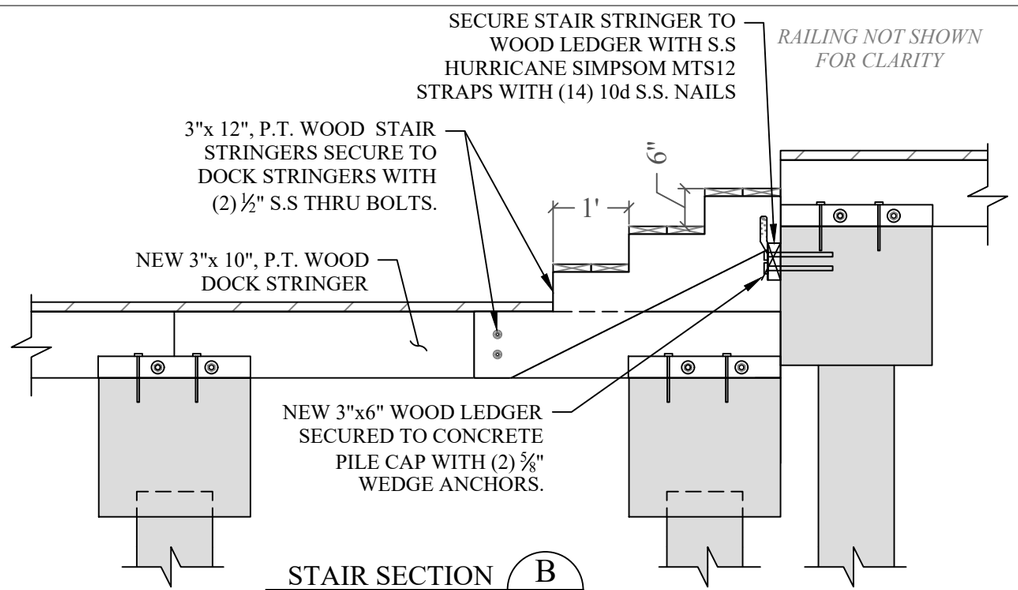
PROJECT:21-11375

FRAMING PLANS

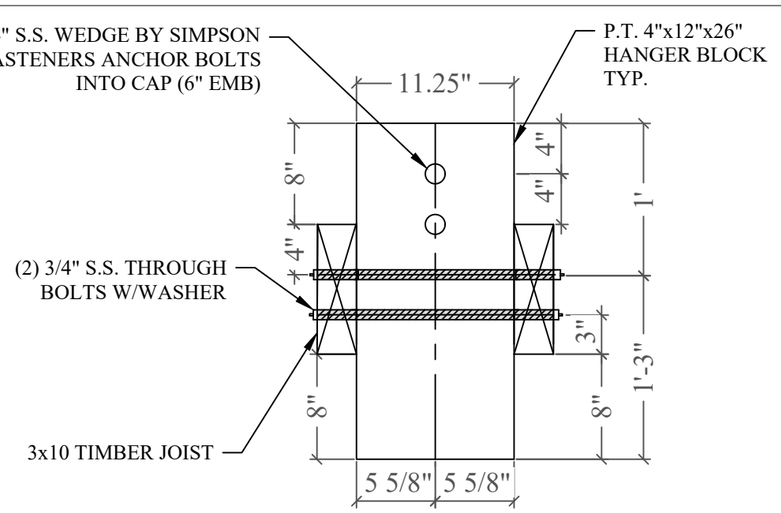
SCALE : AS SHOWN
SHEET NO.
S-4



DOCK SECTION A / S-5
SCALE: 3/16" = 1'-0"



STAIR SECTION B / S-5
SCALE: 3/16" = 1'-0"



HANGER BLOCK DETAIL 1 / S-5
SCALE: 3/16" = 1'-0"

22 HARBOR POINT 2622 DOCK PROJECT

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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CONTRACTOR:

PROJECT ENGINEER:
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Miami, Fl 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE

Adolfo J. Gonzalez PE
Lic. No. 58620

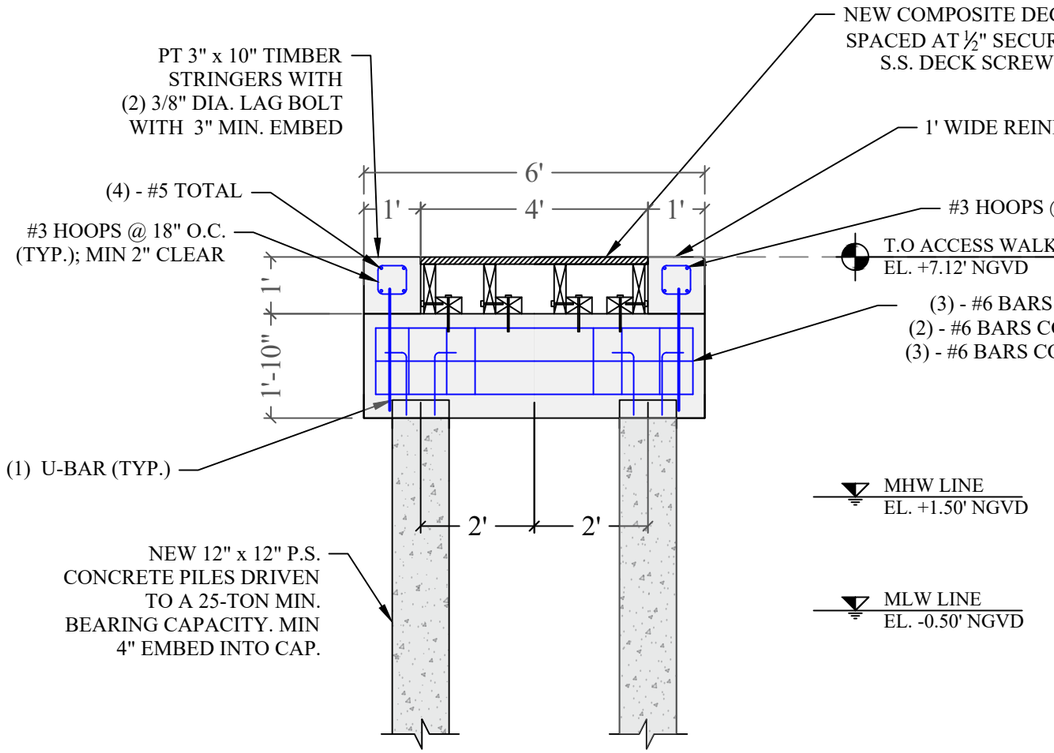
PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

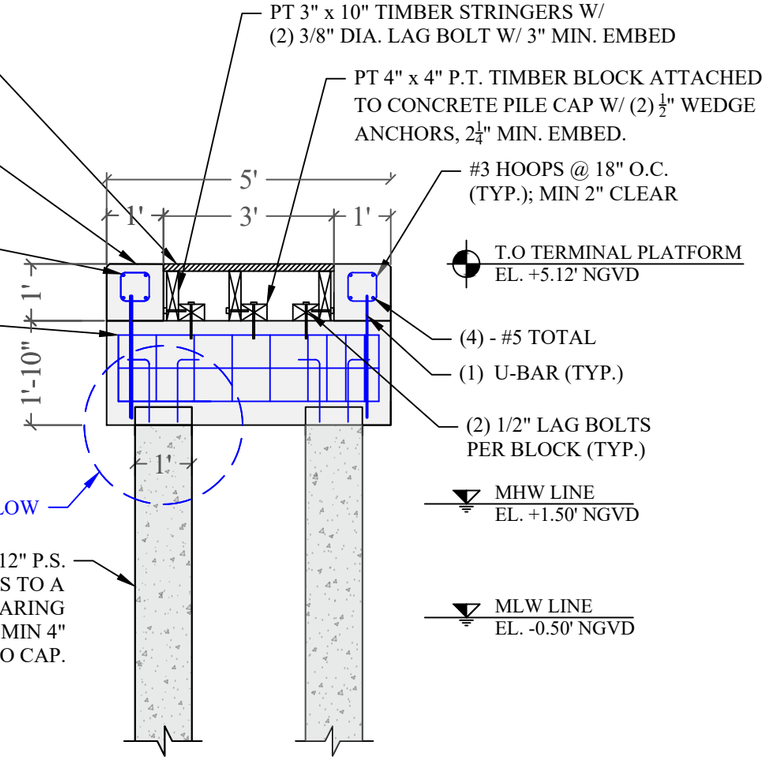
PROJECT:21-11375

DOCK SECTIONS AND HANGER BLOCK DETAIL

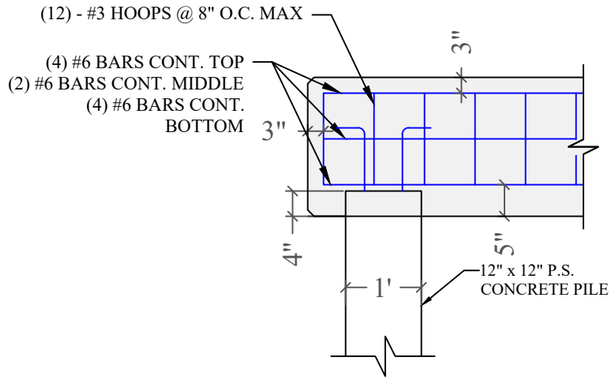
SCALE : AS SHOWN
SHEET NO.
S-5



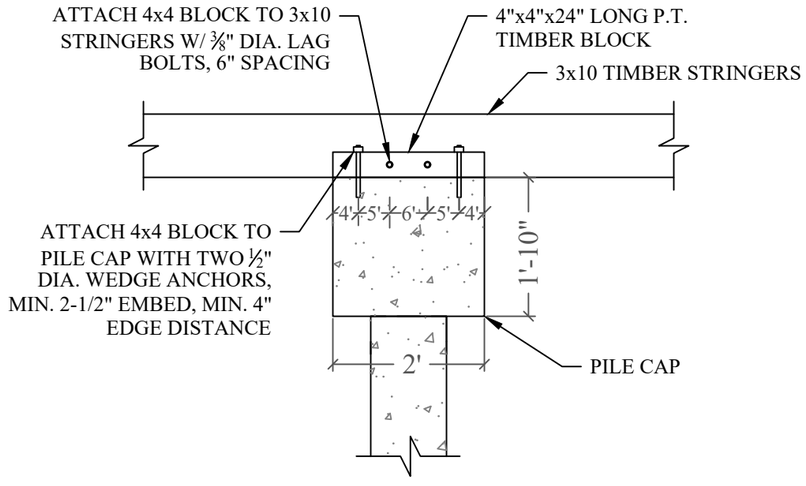
ACCESS PIER SECTION 1 / S-6
SCALE: ⅜" = 1'-0"



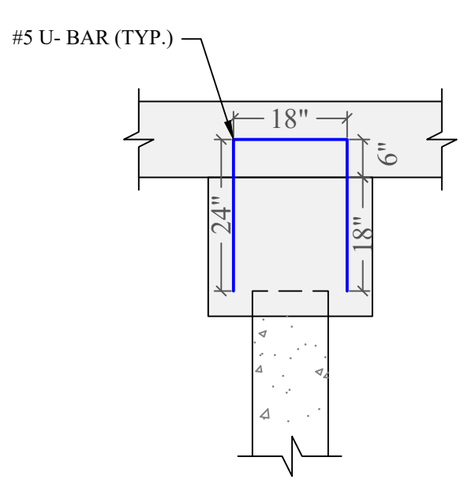
TERMINAL PLATFORM SECTION 2 / S-6
SCALE: ⅜" = 1'-0"



PILE CONNECTION CLOSE-UP 3 / S-6
SCALE: ½" = 1'-0"



4x4 BLOCK DETAIL 4 / S-6
SCALE: ½" = 1'-0"



U-BAR DETAIL 5 / S-6
SCALE: ½" = 1'-0"

22 HARBOR POIN 2623
DOCK PROJECT

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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CONTRACTOR:

PROJECT ENGINEER:
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Miami, Fl 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE

Adolfo J. Gonzalez PE
Lic. No. 58620

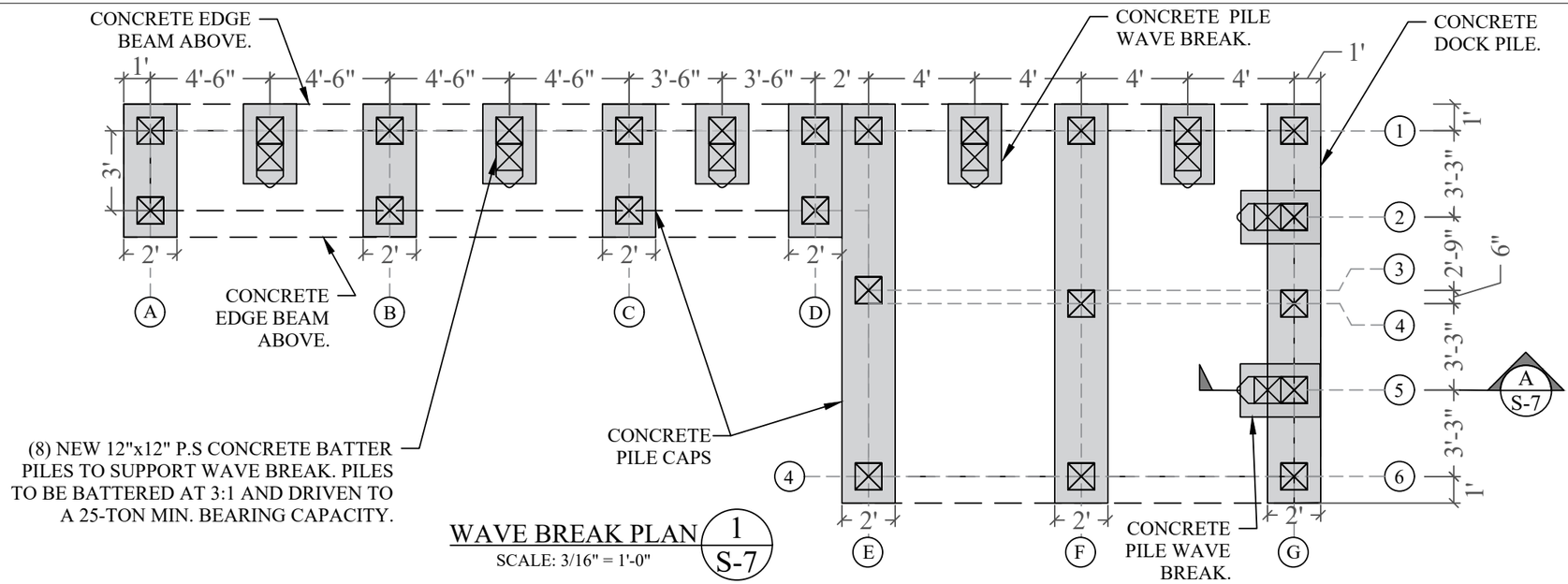
PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

PROJECT:21-11375

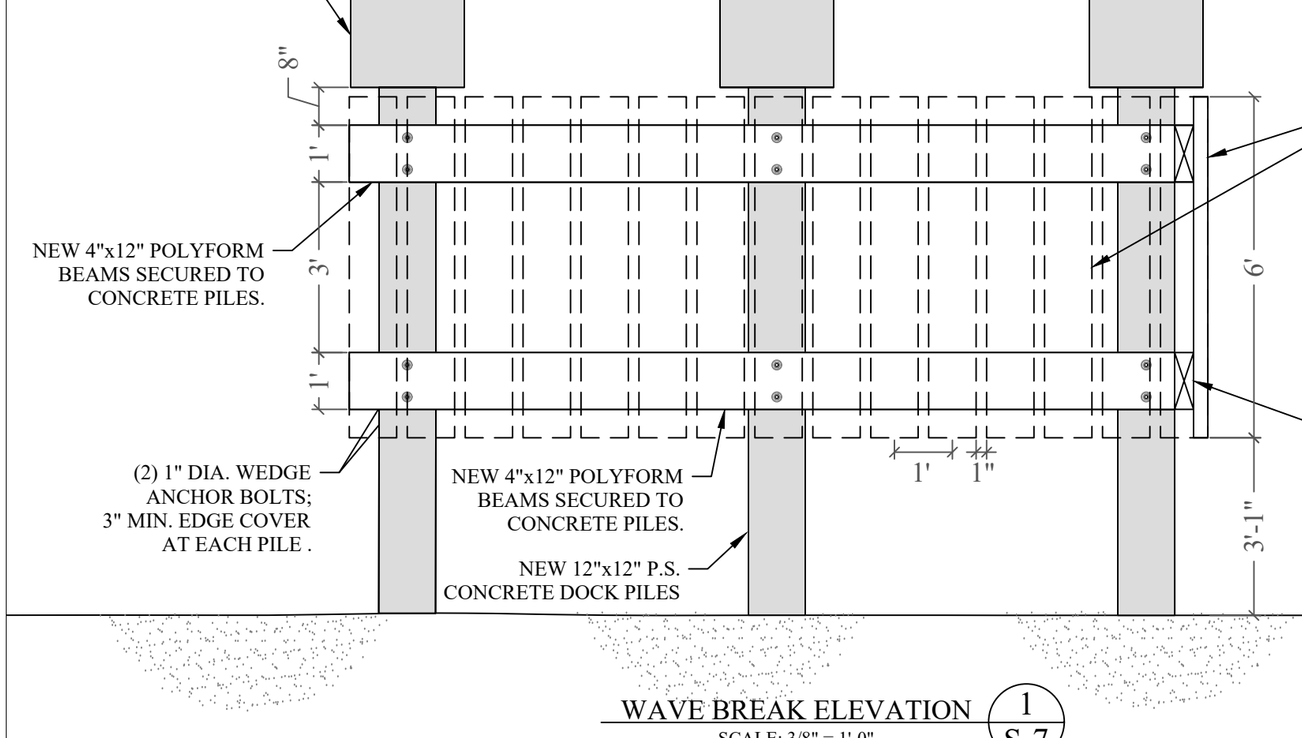
WAVE BREAK DETAILS

SCALE : AS SHOWN
SHEET NO.
S-6

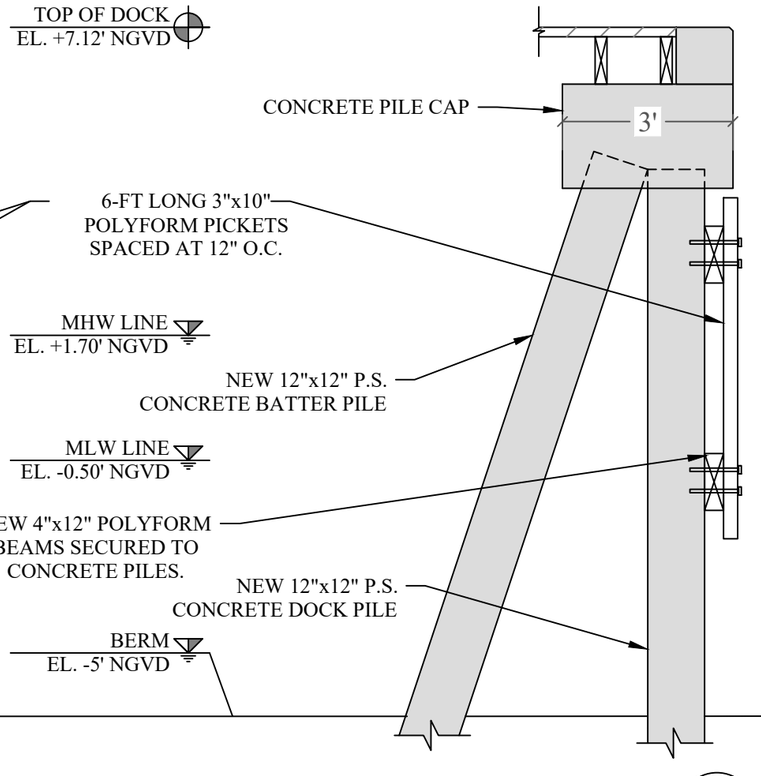


WAVE BREAK PLAN 1/S-7
SCALE: 3/16" = 1'-0"

FENDER PILES NOT SHOWN FOR CLARITY.



WAVE BREAK ELEVATION 1/S-7
SCALE: 3/8" = 1'-0"



WAVE BREAK ELEVATION A/S-7
SCALE: 3/8" = 1'-0"

22 HARBOR POIN
DOCK PROJECT

2624

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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359 Alcazar Avenue, Suite 200
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Tel: (305) 921-9344
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CONTRACTOR:

PROJECT ENGINEER:
ADOLFO J. GONZALEZ P.E.

2050 Coral Way Suite 502
Miami, Fl 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE

Adolfo J. Gonzalez PE
Lic. No. 58620

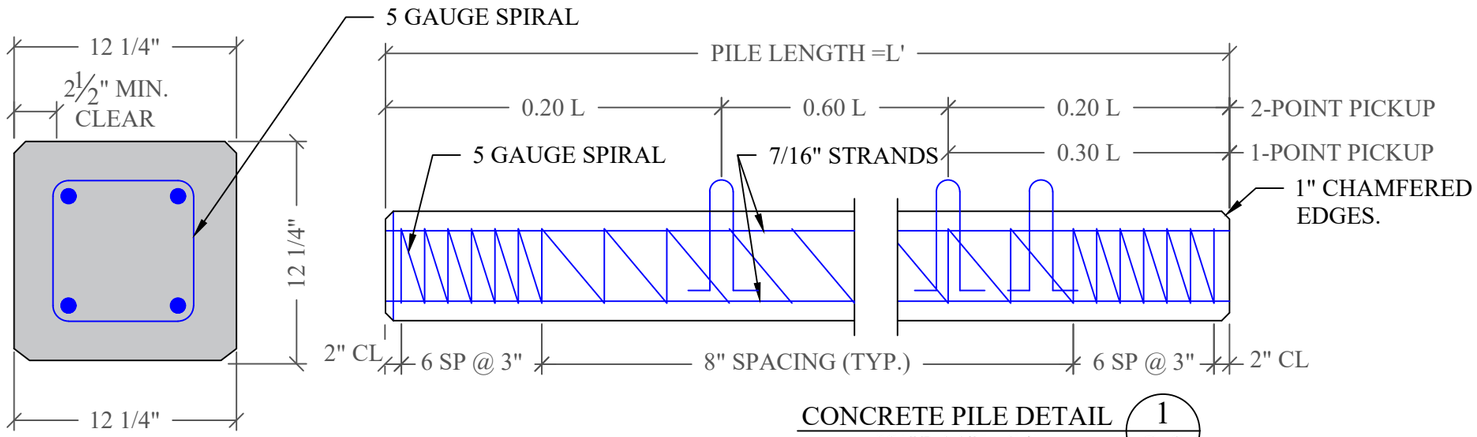
PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

PROJECT:21-11375

WAVE BREAK DETAILS

SCALE : AS SHOWN
SHEET NO.
S-7



CONCRETE PILE DETAIL 1 / S-8
SCALE: 1-1/2" = 1'-0"

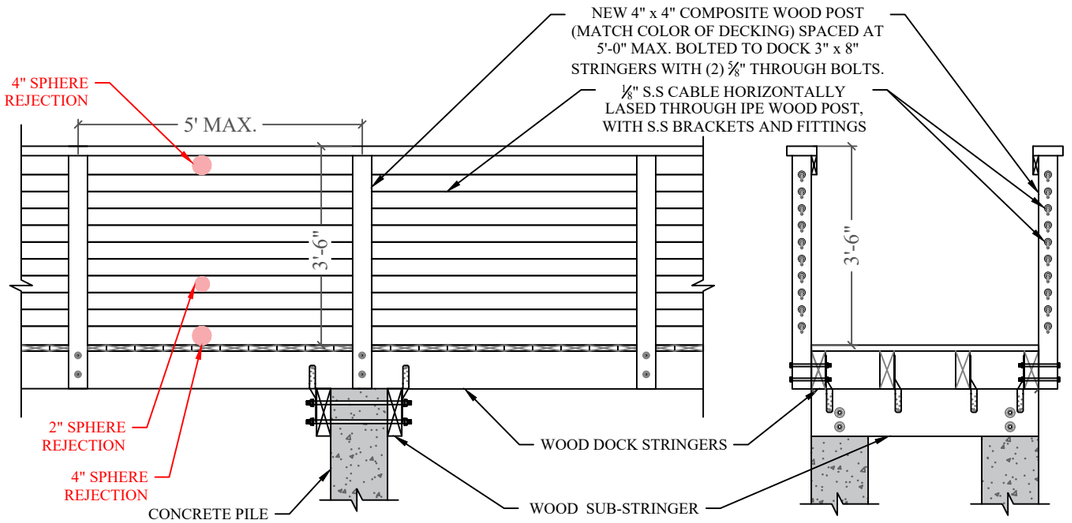
PILE NOTE:

CONCRETE COMPRESIVE STRENGTH:
3000 PSI @ RELEASE
5000 PSI @ DRIVING

STRANDS - USE FOUR 7/16" (270K)
LOW RELAXATION ASTM 416-87 UNCOATED
7-WIRE STRANDS TENSIONED TO 2.33 KIPS EACH

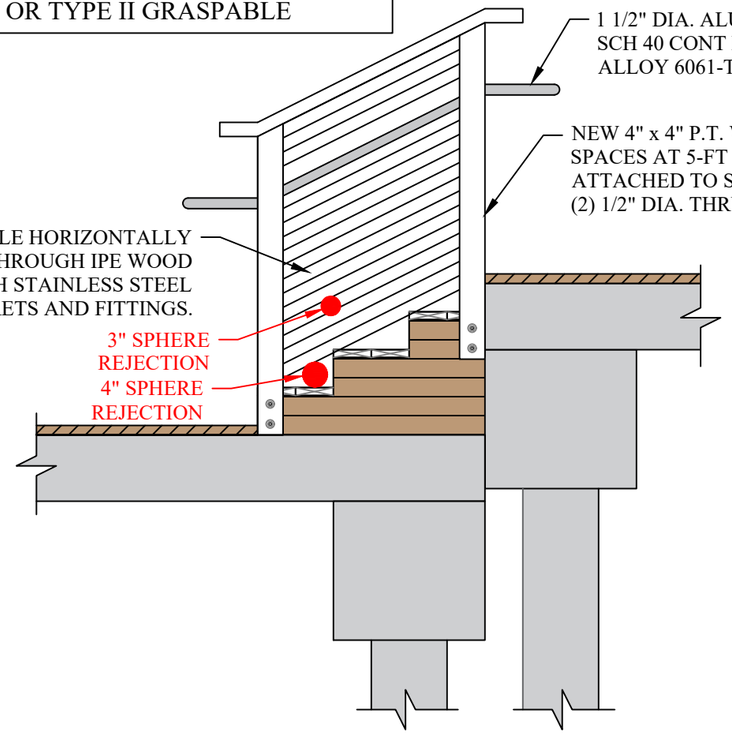
1-POINT PICKUP-MAXIMUM L = 50'
2-POINT PICKUP-MAXIMUM L = 62'

SPIRAL TO BE ASTM A-82 TIGHT
HARD-DRAWN WIRE

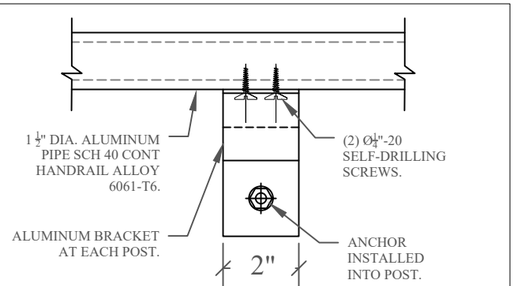


RAILING DETAIL 2 / S-8
SCALE: 3/8" = 1'-0"

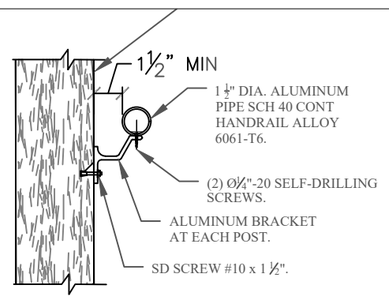
NOTE:
HANDRAIL HEIGHT SHALL BE BETWEEN 34" AND 38", EXTENDING FROM TOP STEP NOSING TO BOTTOM STEP NOSING. SEPARATED FROM ANY WALL 1 ½" CLEAR. OUTSIDE DIAMETER BETWEEN 1 ¼" AND 2". PERIMETER BETWEEN 4" AND 6 ¼" OR TYPE II GRASPABLE



RAILING DETAIL 3 / S-8
SCALE: ½" = 1'-0"



BRACKET DETAIL 4 / S-8
SCALE: 3" = 1'-0"



HANDRAIL CONNECTION DETAIL 5 / S-8
SCALE: 1-1/2" = 1'-0"

22 HARBOR POIN
DOCK PROJECT
2625

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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CONTRACTOR:

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PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

PROJECT:21-11375

CONCRETE PILE & RAILING DETAILS

SCALE : AS SHOWN
SHEET NO.
S-8

FLORIDA DEPARTMENT OF Environmental Protection

Southeast District
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
561-681-6600

Ron DeSantis
Governor

Alexis A. Lambert
Secretary

Project Name: 22 Harbor Drive Dock Project

Permittee/Authorized Entity:
KB Offshore Holdings, LLC
c/o Benjamin Leon
22 Harbor Point
Key Biscayne, FL 33149
Email: mshealy@leonpm.com

Authorized Agent:
Ocean Consulting, LLC
c/o Kirk Lofgren
Email: kirk@oceanconsultingfl.com

Environmental Resource Permit - Granted

State-owned Submerged Lands Authorization – Granted

U.S. Army Corps of Engineers – Separate Authorization Required

Permit No.: 13-0176020-003-EI

Permit Issuance Date: May 2, 2025

Permit Construction Phase Expiration Date: May 2, 2030

Consolidated Environmental Resource Permit and Recommended Intent to Grant Sovereignty Submerged Lands Authorization

Permit No.: 13-0176020-003-EI

PROJECT LOCATION

The activities authorized by this Permit and state-owned submerged lands authorization are located within Biscayne Bay, within the Biscayne Bay Aquatic Preserve, Outstanding Florida Waters, Class III Waters, adjacent to 22 Harbor Point, Key Biscayne (Section 06, Township 55 South, Range 42 East), in Miami-Dade County (Latitude N 25°41'20.2863", Longitude W -80°10'32.6054").

PROJECT DESCRIPTION

This permit authorizes the following: 1) removal of the existing dock structure; 2) installation of a new 921 sq. ft. dock; 3) installation of a 59 ln. ft. wavebreak along the northern and eastern sides of the terminal platform that shall provide at least 3 ft. of clearance from the submerged bottom; 4) installation of three (3) mooring piles; and 5) installation of nine (9) fender piles. Twenty-five percent of the terminal platform will be constructed at a lower elevation to allow for safe vessel boarding.

This permit authorizes 921 ft² of work in other surface waters. Although submerged resources, *Halodule wrightii, Thalassia testudinum,* and *Syringodium filiforme,* are located in the project footprint, the permittee has placed the dock in the area with the least amount of resources while still providing sufficient depth for mooring. The dock structure shall be elevated more than five (5) ft. above the mean high-water line (MHWL), and the wood section of the dock will utilize half-inch spacing between planks. Therefore, the applicant has demonstrated that there will be no adverse impacts to submerged resources and mitigation is not required.

The attached standard manatee conditions (version 2011) shall be adhered to during all in-water work. Prior to construction commencement, weighted floating turbidity curtains, extending to within one-foot from the submerged bottom shall be utilized around the project area to ensure that any turbidity resulting from construction activities will be contained within the project boundaries. All water bodies, including any adjacent submerged aquatic vegetation outside the specific limits of construction authorized by this permit shall be protected from erosion, siltation, sedimentation, and/or scouring.

AUTHORIZATIONS

Environmental Resource Permit

The Department has determined that the activity qualifies for an Environmental Resource Permit. Therefore, the Environmental Resource Permit is hereby granted, pursuant to Part IV of Chapter 373, Florida Statutes (F.S.), and Chapter 62-330, Florida Administrative Code (F.A.C.).

Sovereignty Submerged Lands Authorization

The activity is located on sovereignty submerged lands owned by the State of Florida. It therefore also requires authorization from the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), pursuant to Article X, Section 11 of the Florida Constitution, and Section 253.77, F.S., and Chapter 258, F.S.

As staff to the Board of Trustees under Sections 253.002, F.S., the Department has determined that the activity qualifies for and requires a Letter of Consent, as long as the work performed is located within the boundaries as described and is consistent with the terms and conditions herein.

During the term of this Letter of Consent you shall maintain satisfactory evidence of sufficient upland interest as required by paragraph 18-21.004(3)(b), Florida Administrative Code. If such interest is terminated or the Board of Trustees determines that such interest did not exist on the date of issuance of this Letter of Consent, this Letter of Consent may be terminated by the Board of Trustees at its sole option. If the Board of Trustees terminates this Letter of Consent, you agree not to assert a claim or defense against the Board of Trustees arising out of this Letter of Consent.

Federal Authorization

Your proposed activity as outlined on your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **shall be required** from the Corps. You must apply separately to the Corps using their APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT, ENG FORM 4345, or alternative as allowed by their regulations. More information on Corps permitting may be found online in the Jacksonville District Regulatory Division Source Book at: https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book.

Authority for review - an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection (or Duly Authorized Designee), State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Coastal Zone Management

Issuance of this authorization also constitutes a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Zone Management Act.

Water Quality Certification

This permit also constitutes a water quality certification under Section 401 of the Clean Water Act, 33 U.S.C. 1341.

Other Authorizations

You are advised that authorizations or permits for this activity may be required by other federal, state, regional, or local entities including but not limited to local governments or municipalities. This permit does not relieve you from the requirements to obtain all other required permits or authorizations.

The activity described may be conducted only in accordance with the terms, conditions and attachments contained in this document. Issuance and granting of the permit and authorizations herein do not infer, nor guarantee, nor imply that future permits, authorizations, or modifications will be granted by the Department.

PERMIT & SOVEREIGNTY SUBMERGED LANDS CONDITIONS

The activities described must be conducted in accordance with:

- **The Specific Conditions**

- **The General Conditions**
- **The Special Consent Conditions**
- **The General Conditions for Sovereignty Submerged Lands Authorization**
- **The limits, conditions and locations of work shown in the attached drawings**
- **The term limits of this authorization**

You are advised to read and understand these conditions and drawings prior to beginning the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings herein. If you are using a contractor, the contractor also should read and understand these conditions and drawings prior to beginning any activity. Failure to comply with these conditions, including any mitigation requirements, shall be grounds for the Department to revoke the permit and authorization and to take appropriate enforcement action.

Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and this permit and sovereignty submerged lands authorization, as described.

SPECIFIC CONDITIONS- PROJECT FORMS & ATTACHMENTS

(1) The attached project drawings (sheets 1 through 9); the Standard Manatee Conditions for In-Water Work, 2011; and DEP forms 62-330.310(3), 62-330.310(1); 62-330.310(2); 62-330.340(1); and 62-330.350(1), which may be downloaded at http://www.dep.state.fl.us/water/wetlands/erp/forms.htm become part of this permit. If the permittee does not have access to the Internet, please contact the Department at (561) 681-6600 to request the aforementioned forms and/or document(s).

SPECIFIC CONDITIONS - PRIOR TO CONSTRUCTION

(2) After selection of the contractor to perform the authorized activities and prior to the initiation of any work authorized by this permit, the permittee (or authorized agent) and the contractor shall attend a pre-construction conference with a representative of the Department. It shall be the responsibility of the permittee to contact the Department's Compliance Assistance Program, by email SED_Compliance@FloridaDEP.gov, or by phone (561) 681-6600, to schedule the pre-construction conference.

(3) Prior to the initiation of any work authorized by this permit, floating turbidity curtains with weighted skirts that extend to within one foot of the bottom shall be placed around the project site, and shall be maintained and remain in place for the duration of the project construction to ensure that turbid discharges do not occur outside the boundaries of the floating turbidity screens. The permittee shall be responsible for ensuring that turbidity control devices are inspected daily and maintained in good working order during all phases of construction authorized by this permit until all areas that were disturbed during construction are sufficiently stabilized to prevent turbid discharges.

(4) If the attached permit drawings conflict with the specific conditions, then the specific conditions shall prevail.

(5) The permittee shall be responsible for ensuring that the permit conditions are explained to all construction personnel working on the project, and for providing each contractor and subcontractor with a copy of this permit before construction begins.

SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES

(6) Following the removal of any pilings within seagrass habitat, displaced sediments and/or trenches shall be restored to pre-construction grades.

a. Sediments should be removed and returned to the trench as soon as possible without further injury to buried seagrasses.

b. Rakes can be used to push the sediment back into the trench and off of any remaining seagrasses as much as possible. The fine particles left behind will eventually wash away.

c. Alternatively, gentle and directed water flows can be used to move the overburden of sediment off adjacent seagrass and back into the trench/scarred area. This should be done carefully and with predominant currents moving the coarser quartz sands into the trench depressions.

d. The trench should be re-graded with identically grained and composed sand materials to bring the surface up to the elevation of the adjacent habitat.

e. Sediment tubes can be used to stabilize the surface of the refilled trench area.

(7) The work authorized by this permit shall not be conducted on any property, other than that owned by the permittee, without prior written approval of that property owner.

(8) There shall be no storage or stockpiling of tools and materials (i.e., lumber, pilings, debris), along the shoreline adjacent to waters of the state. All excess lumber, scrap wood, trash, garbage, and any other type of debris shall be removed from wetlands/waters of the state within 14 days of completion of the work authorized in this permit. All construction equipment/tools and materials shall be transported to and from the site via upland roadways and barges and all equipment/tools and materials shall be stored on the uplands.

(9) All watercraft associated with the construction of the permitted structure shall only operate within waters of sufficient depth (one-foot clearance from the deepest draft of the vessel to the top of submerged resources) so as to preclude bottom scouring, prop dredging, or damage to submerged resources.

(10) Vessels utilizing this structure shall maintain a minimum of one foot clearance between the deepest draft of the vessel with the engine in the down position and the top of submerged resources so as to preclude bottom scouring or prop dredging.

(11) Within 10 days of completion of the dock construction, permanent handrails shall be installed along the access walkway and sections of the terminal platform not used for mooring, to preclude further mooring over SAV.

(12) All new pilings used in the construction of the docking facility, including mooring pilings and fender piles, shall be either concrete or wood. Wooden pilings shall be wrapped with an impervious membrane one-foot above the MHWL to one-foot below the substrate.

SPECIFIC CONDITIONS – MONITORING/REPORTING REQUIREMENTS

(13) Turbidity levels outside the construction area shall not exceed zero NTU's above background levels. The following measures shall be taken immediately by the permittee whenever turbidity levels within waters of the State surrounding the project site exceed zero NTU's above background:

a) Notify the Department at (561) 681-6600 at the time the violation is first detected.
b) Immediately cease all work contributing to the water quality violation.
c) Stabilize all exposed soils contributing to the violation. Modify the work procedures that were responsible for the violation, install more turbidity containment devices, and repair any non-functional turbidity containment devices.
d) As required, perform turbidity monitoring per Specific Conditions.
e) Resume construction activities once turbidity levels outside turbidity curtains fall back to zero NTU's.

(14) Water turbidity levels shall be monitored if a turbidity plume is observed outside the limits of the required turbidity control devices. Samples shall be taken every four hours until turbidity subsides at one foot above the bottom, mid-depth, and one-foot below the surface at monitoring stations located as follows:

a) Approximately 100 feet up-current of the work sites and clearly outside the influence of construction activities. (This shall serve as the natural background sample against which other turbidity readings shall be compared.)
b) Directly outside the turbidity curtains surrounding the work sites and within the densest portion of any visible turbidity plume. (This sample shall serve as the compliance sample.)

(15) During construction activities, the permittee or permittee's contractor shall collect the following turbidity monitoring data at the frequency and water depths directed by the Specific Condition above:

a) Date and time of sampling event
b) Turbidity sampling results (background NTUs, compliance NTUs, and the difference between them)
c) Description of data collection methods
d) An aerial map indicating the sampling locations
e) Depth of sample(s)
f) Weather conditions at times of sampling
g) Tidal stage and direction of flow

Data shall be collected in a turbidity log and shall include a statement by the individual responsible for implementation of the sampling program attesting to the authenticity, precision, limits of detection, and accuracy of the data. The turbidity log shall be scanned and sent on a weekly basis to the Department's ERP Compliance Assurance Program via email at

SED_Compliance@FloridaDEP.gov. The subject line of the email shall include the project name, permit number, and the title "Turbidity Monitoring Reports."

SPECIFIC CONDITIONS – OPERATION AND MAINTENANCE ACTIVITIES

(16) Vessels utilizing this structure shall maintain a minimum of one-foot clearance between the deepest draft of the vessel with the engine in the down position and the submerged bottom so as to preclude bottom scouring or prop dredging.

(17) The docking facility shall be limited to water-dependent activities as defined in Chapter 18-21, F.A.C., and the dock shall accommodate the mooring of two vessels in the locations depicted in the attached permit sketches. Prior to slip occupancy, the permittee shall install rope or wood handrails along all portions of the docking facility where mooring is not authorized.

SPECIFIC CONDITIONS – MANATEE CONDITIONS

(18) Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Awareness signs that have already been approved for this use by the Florida Fish and Wildlife Conservation Commission (FWC) must be used. One sign measuring at least 3 ft. by 4 ft. which reads Caution: Manatee Area must be posted. A second sign measuring at least 8 1/2" by 11" explaining the requirements for "Idle Speed/No Wake" and the shutdown of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. Please see the Florida Fish and Wildlife Conservation Commission website for information on how to obtain appropriate signs: http://www.myfwc.com/docs/WildlifeHabitats/Manatee_ EducationalSign.pdf

(19) The permittee shall comply with the standard manatee protection construction conditions listed in the attached "2011 Standard Manatee Conditions for In-Water Work".

(20) To prevent manatee entrapment, a minimum of three (3) feet of clearance shall be maintained under all dock support and wave break structures.

SPECIFIC CONDITIONS – LISTED SPECIES

(21) This permit does not authorize the permittee to cause any adverse impact to or "take" of state listed species and other regulated species of fish and wildlife. Compliance with state laws regulating the take of fish and wildlife is the responsibility of the owner or applicant associated with this project. Please refer to Chapter 68A-27 of the Florida Administrative Code for definitions of "take" and a list of fish and wildlife species. If listed species are observed onsite, FWC staff are available to provide decision support information or assist in obtaining the appropriate FWC permits. Most marine endangered and threatened species are statutorily protected and a "take" permit cannot be issued. Requests for further information or review can be sent to conservationplanningservices@myfwc.com

GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

The following general conditions are binding on all individual permits issued under chapter 62-330, F.A.C., except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate project-specific conditions.

(1) All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.

(2) A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.

(3) Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation June 2007), and the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), which are both incorporated by reference in subparagraph 62-330.050(9)(b)5., F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.

(4) At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice," [October 1, 2013], which is incorporated by reference in paragraph 62-330.350(1)(d), F.A.C., indicating the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5), F.A.C. If available, an Agency website that fulfills this notification requirement may be used in lieu of the form.

(5) Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.

(6) Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:

a. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex – "Construction Completion and Inspection Certification for Activities Associated With a Private Single-Family Dwelling Unit" [Form 62-330.310(3)]; or
b. For all other activities – "As-Built Certification and Request for Conversion to Operational Phase" [Form 62-330.310(1)].
c. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.

(7) If the final operation and maintenance entity is a third party:

a. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as- built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of

Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.

b. Within 30 days of submittal of the as- built certification, the permittee shall submit "Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity" [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.

(8) The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.

(9) This permit does not:

a. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
b. Convey to the permittee or create in the permittee any interest in real property;
c. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
d. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.

(10) Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.

(11) The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.

(12) The permittee shall notify the Agency in writing:

a. Immediately if any previously submitted information is discovered to be inaccurate; and
b. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.

(13) Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.

(14) If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area,

work involving subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and notification shall be provided in accordance with Section 872.05, F.S.

(15) Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.

(16) The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.

(17) This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.

(18) A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with subsection 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.

SPECIAL CONSENT CONDITIONS

1) The applicant agrees to indemnify, defend and hold harmless the Board of Trustees and the State of Florida from all claims, actions, lawsuits and demands in any form arising out of the authorization to use sovereignty submerged lands or the applicant's use and construction of structures on sovereignty submerged lands. This duty to indemnify and hold harmless will include any and all liabilities that are associated with the structure or activity including special assessments or taxes that are now or in the future assessed against the structure or activity during the period of the authorization.

2) Failure by the Board of Trustees to enforce any violation of a provision of the authorization or waiver by the Board of Trustees of any provision of the authorization will not invalidate the provision not enforced or waived, nor will the failure to enforce or a waiver prevent the Board of Trustees from enforcing the unenforced or waived provision in the event of a violation of that provision.

3) Applicant binds itself and its successors and assigns to abide by the provisions and conditions set forth in the authorization. If the applicant or its successors or assigns fails or refuses to comply with the provisions and conditions of the authorization, the authorization may be terminated by the Board of Trustees after written notice to the applicant or its successors or assigns. Upon receipt of such notice, the applicant or its successors or assigns will have thirty (30) days in which to correct the violations.

Failure to correct the violations within this period will result in the automatic revocation of this authorization.

4) All costs incurred by the Board of Trustees in enforcing the terms and conditions of the authorization will be paid by the applicant. Any notice required by law will be made by certified mail at the address shown on page one of the authorization. The applicant will notify the Board of Trustees in writing of any change of address at least ten days before the change becomes effective.

5) This authorization does not allow any activity prohibited in a conservation easement or restrictive covenant that prohibits the activity.

GENERAL CONDITIONS FOR SOVEREIGNTY SUBMERGED LANDS AUTHORIZATION

Any use of sovereignty submerged lands is subject to the following general conditions are binding upon the applicant and are enforceable under Chapter 253, F.S. and Chapter 258, F.S.

(1) Sovereignty submerged lands may be used only for the specified activity or use. Any unauthorized deviation from the specified activity or use and the conditions for undertaking that activity or use will constitute a violation. Violation of the authorization will result in suspension or revocation of the applicant's use of the sovereignty submerged lands unless cured to the satisfaction of the Board of Trustees.

(2) Authorization under Rule 18-21.005, F.A.C., conveys no title to sovereignty submerged lands or water column, nor does it constitute recognition or acknowledgment of any other person's title to such land or water.

(3) Authorizations under Rule 18-21.005, F.A.C., may be modified, suspended or revoked in accordance with its terms or the remedies provided in Sections 253.04, F.S. and Chapter 18-14, F.A.C.

(4) Structures or activities will be constructed and used to avoid or minimize adverse impacts to resources.

(5) Construction, use, or operation of the structure or activity will not adversely affect any species which is endangered, threatened or of special concern, as listed in Rules 68A-27.003, 68A-27.004, and 68A-27.005, F.A.C.

(6) Structures or activities will not unreasonably interfere with riparian rights. When a court of competent jurisdiction determines that riparian rights have been unlawfully affected, the structure or activity will be modified in accordance with the court's decision.

(7) Structures or activities will not create a navigational hazard.

(8) Structures will be maintained in a functional condition and will be repaired or removed if they become dilapidated to such an extent that they are no longer functional.

(9) Structures or activities will be constructed, operated, and maintained solely for water dependent purposes.

(10) The applicant agrees to indemnify, defend and hold harmless the Board of Trustees and the State of Florida from all claims, actions, lawsuits and demands in any form arising out of the authorization to use sovereignty submerged lands or the applicant's use and construction of structures on sovereignty submerged lands. This duty to indemnify and hold harmless will include any and all liabilities that are associated with the structure or activity including special assessments or taxes that are now or in the future assessed against the structure or activity during the period of the authorization.

(11) Failure by the Board of Trustees to enforce any violation of a provision of the authorization or waiver by the Board of Trustees of any provision of the authorization will not invalidate the provision not enforced or waived, nor will the failure to enforce or a waiver prevent the Board of Trustees from enforcing the unenforced or waived provision in the event of a violation of that provision.

(12) Applicant binds itself and its successors and assigns to abide by the provisions and conditions set forth in the authorization. If the applicant or its successors or assigns fails or refuses to comply with the provisions and conditions of the authorization, the authorization may be terminated by the Board of Trustees after written notice to the applicant or its successors or assigns. Upon receipt of such notice, the applicant or its successors or assigns will have thirty (30) days in which to correct the violations. Failure to correct the violations within this period will result in the automatic revocation of this authorization.

(13) All costs incurred by the Board of Trustees in enforcing the terms and conditions of the authorization will be paid by the applicant. Any notice required by law will be made by certified mail at the address shown on page one of the authorization. The applicant will notify the Board of Trustees in writing of any change of address at least ten days before the change becomes effective.

(14) This authorization does not allow any activity prohibited in a conservation easement or restrictive covenant that prohibits the activity.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until a subsequent order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
(c) A statement of when and how the petitioner received notice of the agency decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).
The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point of entry.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the

time period for filing a petition until the request is acted upon.

Mediation
Mediation is not available in this proceeding.

FLAWAC Review
The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review
Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Executed in Palm Beach County, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

_____

Norva Blandin, MSEM
Program Administrator
Permitting Program
Southeast District

CERTIFICATE OF SERVICE
The undersigned duly designated deputy clerk hereby certifies that this permit and all copies were sent on the filing date below to the following listed persons:

FDEP – Norva Blandin MSEM, Danielle C, Sattelberger, Geneva Alpert, Rachael Griffin, Griffin Alexander
Lisa Spadafina, Miami-Dade County RER, spadaL2@miamidade.gov
Kirk Lofgren, Ocean Consulting LLC, kirk@oceanconsultingfl.com

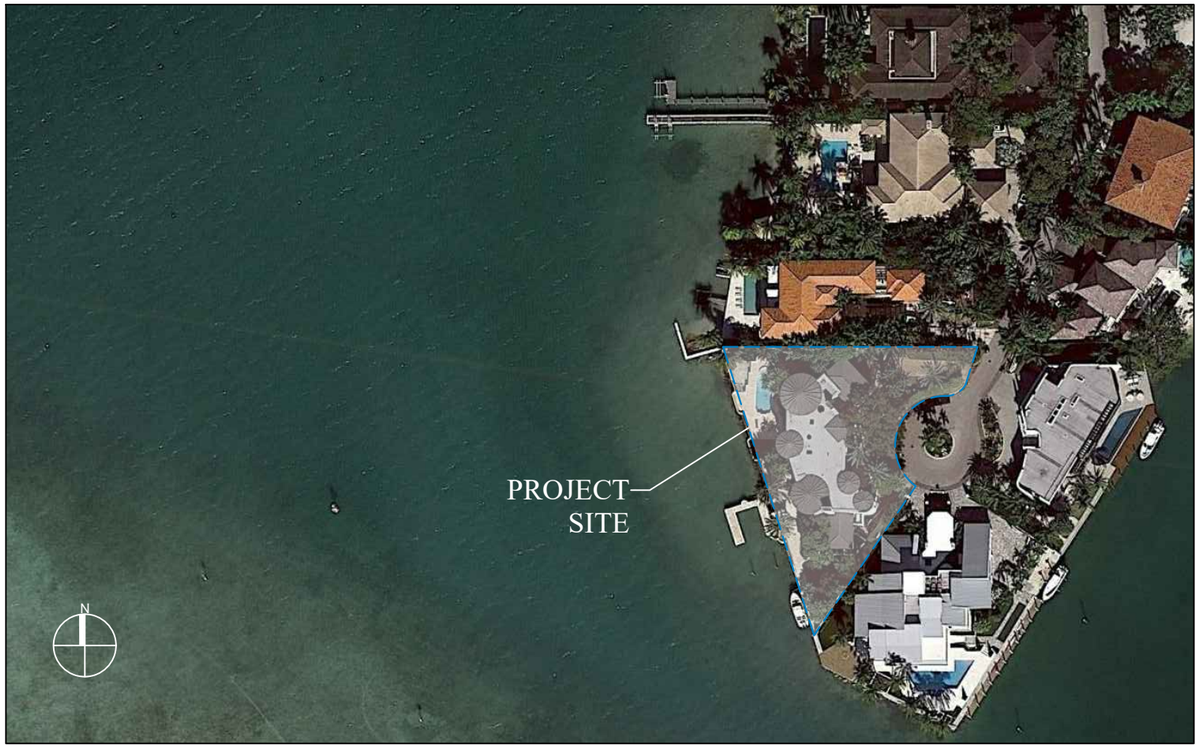
FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Vanessa Osborne 05-02-2025

Clerk **Date**

Attachments:
Project Drawings and Design Specs., 9 pages
Standard Manatee Conditions for In-Water Work, 2011
As-built Certification and Request for Conversion to Operational Phase Form 62-330.310(1)*
Request for Transfer to the Perpetual Operation Entity Form 62-330.310(2)*
Request to Transfer Permit Form 62-330.340(1)*
Commencement Notice Form 62-330.350(1)*
*Can be downloaded at: https://floridadep.gov/water/submerged-lands-environmental-resources-coordination/content/forms-environmental-resource



LOCATION MAP AND LEGAL DESCRIPTION



PROJECT SITE LOCATION:
22 Harbor Point
Key Biscayne, FL 33149

LATITUDE: 25°41'20.07"N
LONGITUDE: 80°10'33.16"W

FOLIO No.: 24-5206-001-0030

LEGAL DESCRIPTION:

LORIDO ESTS PB 106-69

LOT 3 BLK 1 &

PROP INT IN & TO COMMON ELEMENTS

LOT SIZE 26846 SQ FT

OR 20500-1947 06/2002 4

COC 25959-0344 09 2007 5

GENERAL NOTES:

1. ELEVATIONS SHOWN REFER TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929.
2. ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD.
3. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF ENGINEER BEFORE PROCEEDING WITH WORK. CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR ALL LINES, ELEVATIONS, AND MEASUREMENTS IN CONNECTION WITH THEIR WORK.
4. IT IS THE INTENT OF THESE PLANS AND THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE AND GOVERN HIMSELF BY ALL PROVISIONS OF THESE PERMITS.
5. APPLICABLE BUILDING CODE: FLORIDA BUILDING CODE, 2023 8th EDITION (AND CURRENT ADDENDUMS).
6. APPROVED CONTRACTOR TO DETERMINE THE SUITABILITY OF EXISTING STRUCTURES AND VERIFY ALL DIMENSIONS. THE APPROVED CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, MEANS, SEQUENCES AND PROCEDURES OF WORK.
7. DO NOT SCALE DRAWINGS FOR DIMENSIONS.
8. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK.
9. CONTRACTOR TO PROPERLY FENCE AND SECURE AREA WITH BARRICADES.
10. ANY DEVIATION AND/OR SUBSTITUTION FROM THE INFORMATION PROVIDED HEREIN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
11. ALL NEW MATERIALS AND/OR PATCHWORK SHALL BE PROVIDED TO MATCH EXISTING MATERIALS AND/OR ADJOINING WORK WHERE PRACTICAL EXCEPT AS SPECIFICALLY NOTED HEREIN.
12. LICENSED CONTRACTOR SHALL USE ALL POSSIBLE CARE TO PROTECT ALL EXISTING MATERIALS, SURFACES, AND FURNISHINGS FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.
13. THE LICENSED CONTRACTOR TO INSTALL AND REMOVE ALL SHORING AND BRACING AS REQUIRED FOR THE PROPER EXECUTION OF THE WORK.
14. ALL NEW WORK AND/OR MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF EACH ADMINISTRATIVE BODY HAVING JURISDICTION IN EACH PERTAINING CIRCUMSTANCE.
15. THE CONTRACTOR WILL EMPLOY AND MAINTAIN ADEQUATE SEDIMENT AND EROSION CONTROL MEASURES TO PROTECT BISCAYNE BAY FROM SEDIMENT AND CO3333NSTRUCTION DEBRIS.

DESIGN CRITERIA

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE FOLLOWING CODES AND SPECIFICATIONS:

1. FLORIDA BUILDING CODE (FBC), 2023 8th EDITION.
2. ACI 318-19, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
3. ASCE 7-22, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
4. NDS NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2018 EDITION.
5. EM 1110-2-1100 (PART VI) COASTAL ENGINEERING MANUAL, 2011 EDITION.

IN THE EVEN OF CONFLICT BETWEEN PERTINENT CODES AND REGULATIONS AND THE REQUIREMENTS OF THE REFERENCED STANDARDS OF THESE SPECIFICATIONS, THE PROVISIONS OF THE MORE STRINGENT SHALL GOVERN.

DOCK LL: 60 PSF

BOLTS: ALL BOLTS SHALL BE 316 STAINLESS STEEL OR GALVANIZED, UNLESS OTHERWISE NOTED.

REBAR: ALL REBAR TO BE GALVANIZED GRADE 60 OR BETTER, UNLESS OTHERWISE NOTED.

CONCRETE

1. CONCRETE SHALL CONFORM TO ACI 318 (LATEST ED.) AND SHALL BE REGULAR WEIGHT, SULFATE RESISTANT, WITH A DESIGN STRENGTH OF 5,000 PSI AT 28 DAYS W/ A MAX WATER-CEMENTIOUS MATERIALS RATIO, BY WEIGHT, NORMAL WEIGHT AGGREGATE CONCRETE OF 0.40.
2. OWNER SHALL EMPLOY AND PAY FOR TESTING SERVICES FROM AN INDEPENDENT TESTING LABORATORY FOR CONCRETE SAMPLING AND TESTING IN ACCORDANCE W/ ASTM.
3. LICENSED CONTRACTOR IS RESPONSIBLE FOR THE ADEQUACY OF FORMS AND SHORING AND FOR SAFE PRACTICE IN THEIR USE AND REMOVAL.
4. CONCRETE COVER SHALL BE 3" UNLESS OTHERWISE NOTED ON APPROVED DRAWINGS.
5. REINFORCING STEEL SHALL BE IN CONFORMANCE WITH THE LATEST VERSION OF ASTM A615 GRADE 60 SPECIFICATIONS. ALL REINFORCEMENT SHALL BE PLACED IN ACCORDANCE W/ ACI 315 AND ACI MANUAL OF STANDARD PRACTICE.
6. SPLICES IN REINFORCING BARS SHALL NOT BE LESS THAN 48 BAR DIAMETERS AND REINFORCING SHALL BE CONTINUOUS AROUND ALL CORNERS AND CHANGES IN DIRECTION. CONTINUITY SHALL BE PROVIDED AT CORNERS OR CHANGES IN DIRECTION BY BENDING THE LONGITUDINAL STEEL AROUND THE CORNER 48 BAR DIAMETERS.

WOOD

1. PRIMARY WOOD FRAMING MEMBERS SHALL BE NUMBER 1 PRESSURE TREATED MARINE GRADE TEK SOUTHERN PINE, OR BETTER.

PILE DRIVING NOTES

1. ALL PILES TO BE INSPECTED BY ENGINEER TEAM PRIOR TO INSTALL.
2. ENGINEER TO OBSERVE PILE DRIVING TO PREPARE PILE LOG.
3. PILE DRIVING OPERATIONS SHALL BE OBSERVED BY A SPECIAL INSPECTOR, INCLUDING TEST PILES SUFFICIENT TO DETERMINE THE APPROXIMATE LENGTH REQUIRED TO MEET DESIGN CAPACITY.
4. PILES SHALL BE DRIVEN USING AN APPROVED CUSHION BLOCK CONSISTING OF MATERIAL SO ARRANGED SO AS TO PROVIDE THE TRANSMISSION OF THE HAMMER ENERGY.
5. PILES SHALL BE DRIVEN TO REQUIRED MINIMUM 15 TON (WOOD)/ (25-TON (CONCRETE) BEARING CAPACITY.
6. PILES SHALL BE DRIVEN WITH A DROP HAMMER OR GRAVITY HAMMER PROVIDED THE HAMMER SHALL WEIGH NO LESS THAN 3,000 POUNDS, AND THE FALL OF THE HAMMER SHALL NOT EXCEED 6 FT.
7. PILES SHALL BE DRIVEN WITH A VARIATION OF NOT MORE THAN ¼" PER FOOT FROM THE VERTICAL, OR FROM THE BATTER LINE INDICATED, WITH A MAX VARIATION OF THE HEAD OF THE PILE FROM THE POSITION SHOWN ON THE PLANS OF NOT MORE THAN 3".
8. WHERE PILING MUST PENETRATE STRATA OFFERING HIGH RESISTANCE TO DRIVING, THE STRUCTURAL ENGINEER OF RECORD OR SPECIAL INSPECTOR MAY REQUIRE THAT PILES BE SET IN PRE-DRILLED OR PUNCHED HOLES. THE PILES SHALL REACH THEIR FINAL PENETRATION BY DRIVING.

CALL 811 FOR UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

22 HARBOR POIN 2641
DOCK PROJECT

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
OCEAN CONSULTING, LLC.
359 Alcazar Avenue, Suite 200
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:
ADOLFO J. GONZALEZ P.E.

2050 Coral Way Suite 502
Miami, Fl 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE

Adolfo J. Gonzalez PE
Lic. No. 58620

PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

PROJECT:21-11375

PROJECT LOCATION & NOTES

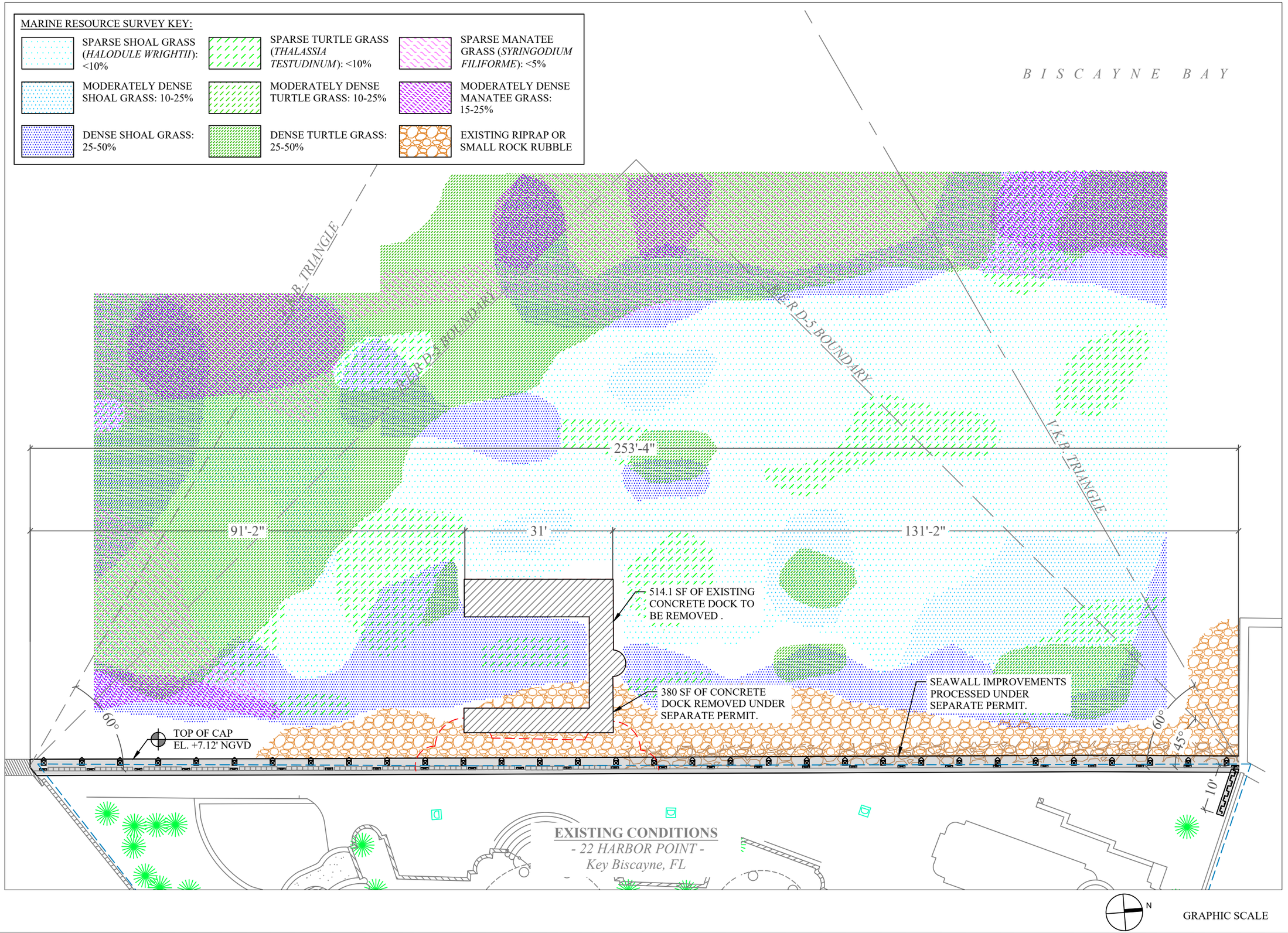
SCALE : AS SHOWN

SHEET NO.

S-1

MARINE RESOURCE SURVEY KEY:

- SPARSE SHOAL GRASS (*HALODULE WRIGHTII*): <10%
- SPARSE TURTLE GRASS (*THALASSIA TESTUDINUM*): <10%
- SPARSE MANATEE GRASS (*SYRINGODIUM FILIFORME*): <5%
- MODERATELY DENSE SHOAL GRASS: 10-25%
- MODERATELY DENSE TURTLE GRASS: 10-25%
- MODERATELY DENSE MANATEE GRASS: 15-25%
- DENSE SHOAL GRASS: 25-50%
- DENSE TURTLE GRASS: 25-50%
- EXISTING RIPRAP OR SMALL ROCK RUBBLE



EXISTING CONDITIONS
- 22 HARBOR POINT -
Key Biscayne, FL

N

GRAPHIC SCALE

22 HARBOR POIN 2642
DOCK PROJECT

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
OCEAN CONSULTING, LLC.
359 Alcazar Avenue, Suite 200
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:
ADOLFO J. GONZALEZ P.E.

2050 Coral Way Suite 502
Miami, Fl 33145
Office - 305-415-8782

SEAL / SIGNATURE / DATE

Adolfo J. Gonzalez PE
Lic. No. 58620

PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

PROJECT:21-11375

EXISTING CONDITIONS

SCALE : AS SHOWN
SHEET NO.

S-2

MARINE RESOURCE SURVEY KEY:

- SPARSE SHOAL GRASS (*HALODULE WRIGHTII*): <10%
- SPARSE TURTLE GRASS (*THALASSIA TESTUDINUM*): <10%
- SPARSE MANATEE GRASS (*SYRINGODIUM FILIFORME*): <5%
- MODERATELY DENSE SHOAL GRASS: 10-25%
- MODERATELY DENSE TURTLE GRASS: 10-25%
- MODERATELY DENSE MANATEE GRASS: 15-25%
- DENSE SHOAL GRASS: 25-50%
- DENSE TURTLE GRASS: 25-50%
- EXISTING RIPRAP OR SMALL ROCK RUBBLE

DOCK SQUARE FOOTAGE BREAKDOWN

• ELEVATED SECTION	821 SF	89%
• LOWER SECTION	100 SF	11%
TOTAL:	**921 SF**	**100%**

(9) NEW 12" DIA. WOOD FENDER PILES TO EXTEND 6-FT ABOVE DECK WITH (2) S-CLEATS AND (1) RUBBER D-FENDER EACH.

(4) NEW STEPS FROM EL. +7.12' NGVD TO EL +5.12' NGVD. WITH IPE POST AND STAINLESS STEEL CABLE RAILING.

B I S C A Y N E B A Y

253'-4"

103'-1"

45'

105'-7"

V.K.B. TRIANGLE

(3) NEW 12" DIA. WOOD MOORING PILES TO EXTEND 6-FT ABOVE DECK ELEVATION WITH (2) S-CLEATS AND (1) RUBBER D-FENDER SECURED TO EACH.

INGRESS EGRESS

55' VESSEL

10' 17' 10' 18' 10'

9'-6"

5'

10'

36' VESSEL

15'

12' 1' 6'

TOP OF DOCK EL. +5.12' NGVD

59 LF OF NEW WAVE BREAKS TO BE INSTALLED BELOW DOCK.

+1 MLW CONTOUR LINE

R.E.R.D-5 BOUNDARY

TOP OF DOCK EL. +7.12' NGVD

86 LF OF NEW RAILING WITH 4"x4" COMPOSITE POSTS (MATCH DECK COLOR) & STAINLESS CABLES. SEE DETAIL "2" ON S-8.

115 LF OF NEW RAILING WITH 4"x4" COMPOSITE POSTS (MATCH DECK COLOR) & STAINLESS STEEL CABLES. SEE DETAIL "2" ON S-8.

101'

94'-6"

86'

EXISTING DOCK FOOTPRINT.

NEW 921 SF CONCRETE EDGE BEAM WITH ½" SPACED COMPOSITE INLAY DECKING. DOCK SUPPORTED BY (17) CONCRETE PILE CAPS AND (37) 12x12" P.S. CONCRETE PILES AND (8) 12"x12" CONCRETE BATTER PILES.

SEAWALL IMPROVEMENTS AND RIP-RAP PROCESSED UNDER SEPARATE PERMIT CLI-2021-0611.

60° 45°

TOP OF CAP EL. +7.12' NGVD

10'

A S-5

PROPOSED CONDITIONS

- 22 HARBOR POINT -

Key Biscayne, FL

NOTE: MARINE RESOURCE SURVEY CONDUCTED BY OCEAN CONSULTING ON APRIL 11, 2024.

N

GRAPHIC SCALE

22 HARBOR POINT DOCK PROJECT 2643

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
OCEAN CONSULTING, LLC.
359 Alcazar Avenue, Suite 200
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

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PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

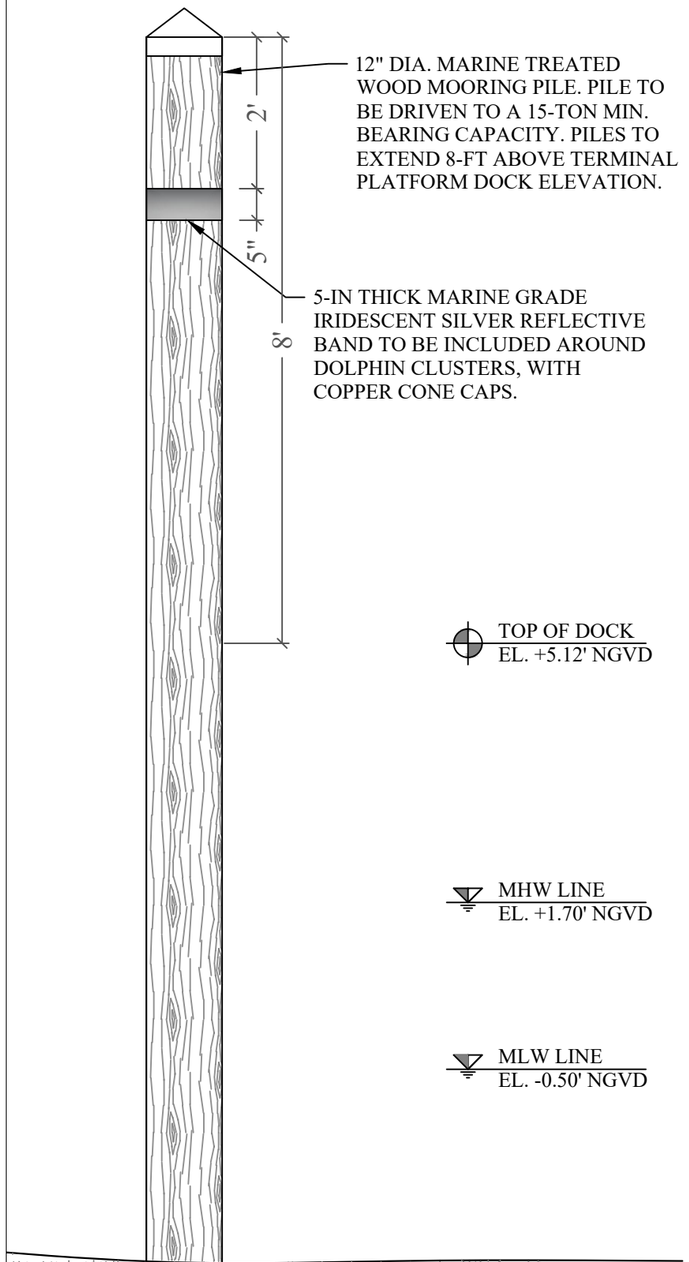
PROJECT:21-11375

PROPOSED CONDITIONS

SCALE : AS SHOWN

SHEET NO.

S-3



MOORING PILE DETAILS 1 / S-3.1

SCALE: ½" = 1'-0"



GRAPHIC SCALE

N

22 HARBOR POINT DOCK PROJECT

2644

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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359 Alcazar Avenue, Suite 200
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Tel: (305) 921-9344
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CONTRACTOR:

PROJECT ENGINEER:
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Lic. No. 58620

PERMIT DRAWINGS

Issue #	Issue Date
1	March 28, 2025 - VD

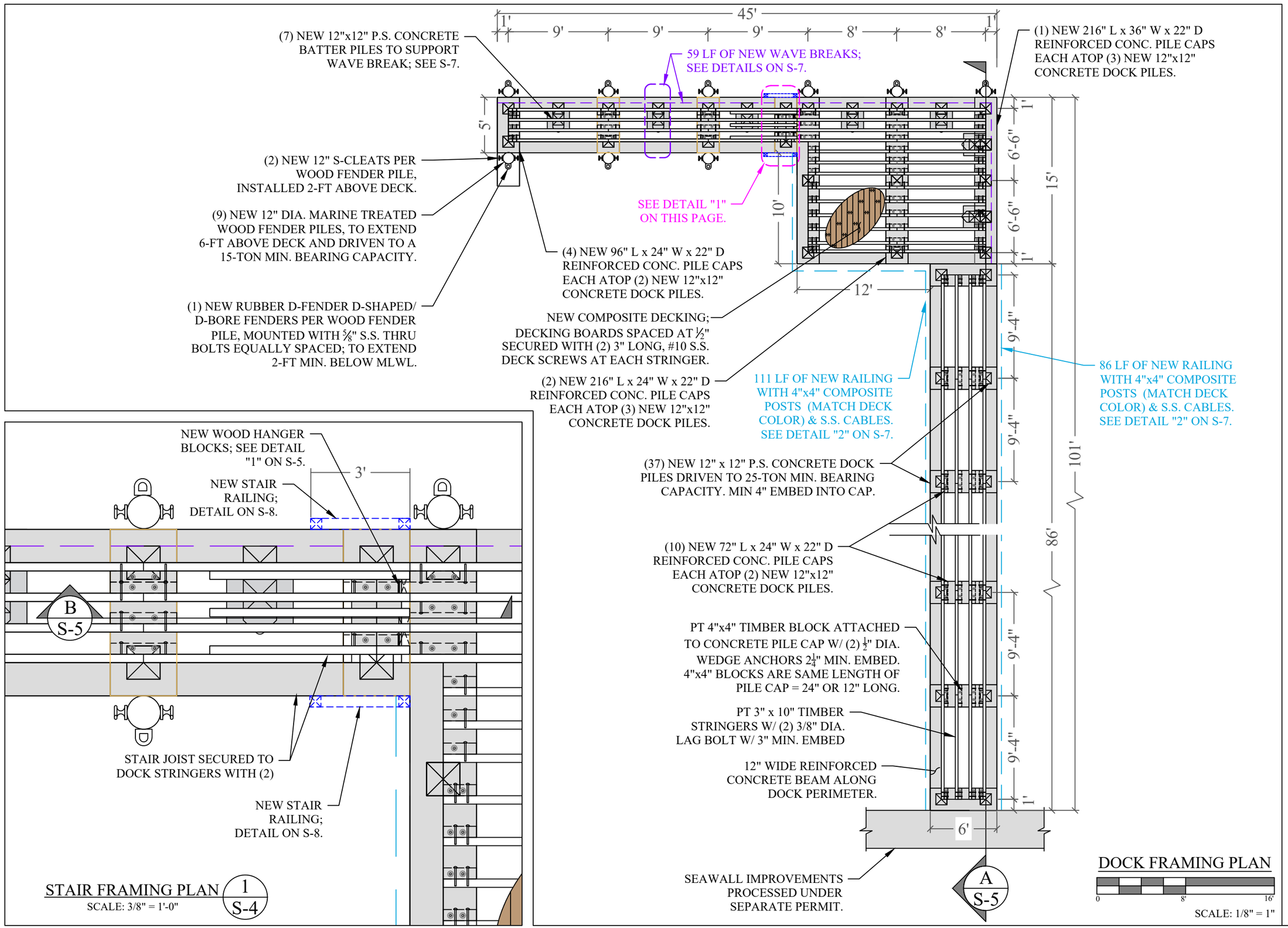
PROJECT:21-11375

MOORING PILE DETAIL & ESTIMATED CHANNEL BOUNDARY

SCALE : AS SHOWN

SHEET NO.

S-3.1



DOCK FRAMING PLAN

0 8' 16'

SCALE: 1/8" = 1"

STAIR FRAMING PLAN 1 S-4

SCALE: 3/8" = 1'-0"

22 HARBOR POIN DOCK PROJECT 2645

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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CONTRACTOR:

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Issue #	Issue Date
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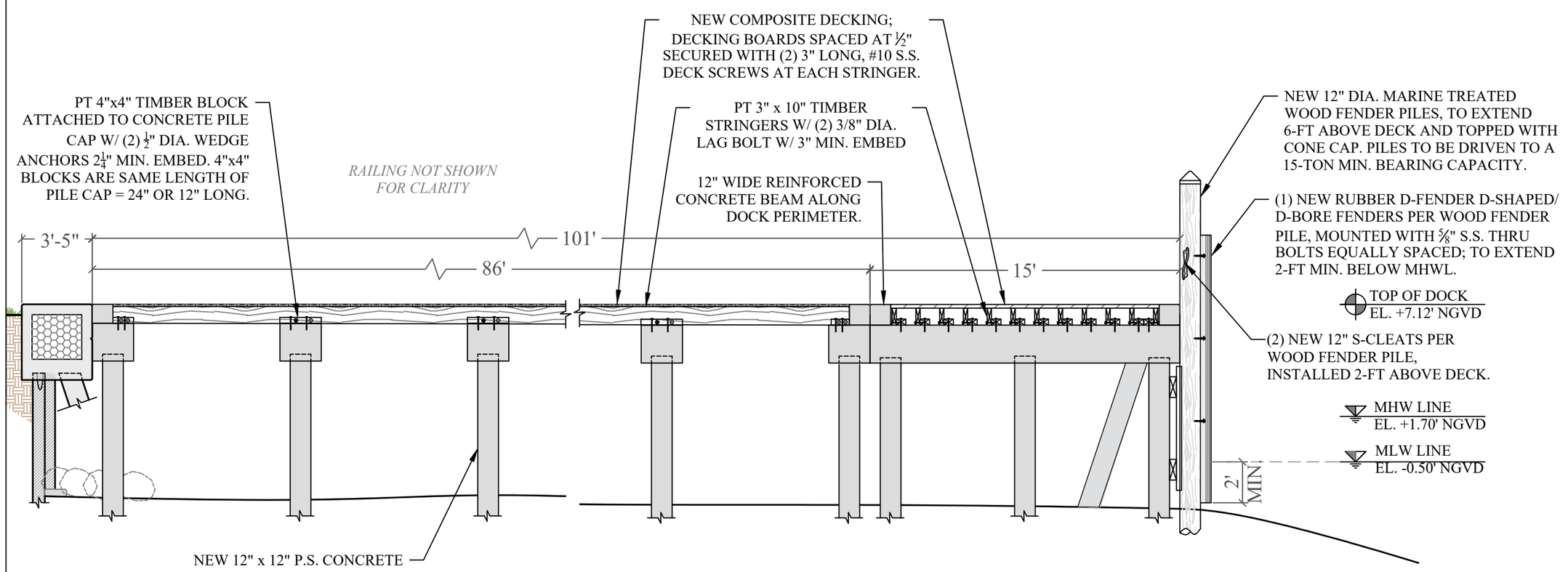
PROJECT:21-11375

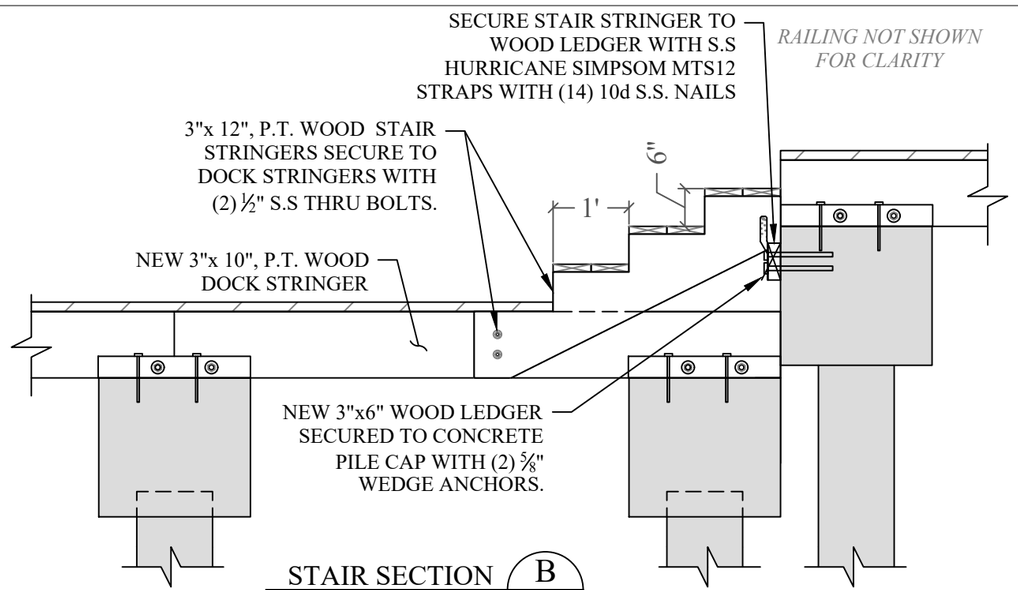
FRAMING PLANS

SCALE : AS SHOWN
SHEET NO.

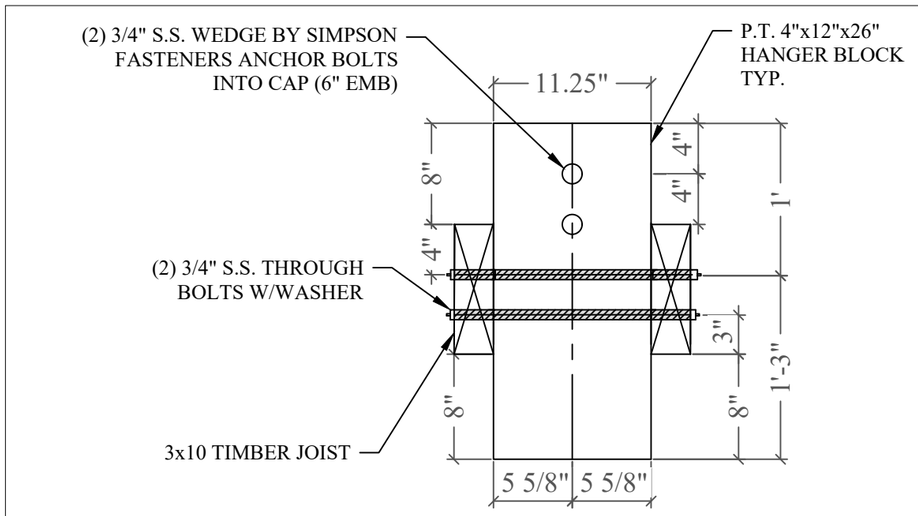
S-4



DOCK SECTION A / S-5
SCALE: 3/16" = 1'-0"



STAIR SECTION B / S-5
SCALE: 3/16" = 1'-0"



HANGER BLOCK DETAIL 1 / S-5
SCALE: 3/16" = 1'-0"

22 HARBOR POIN 2646
DOCK PROJECT

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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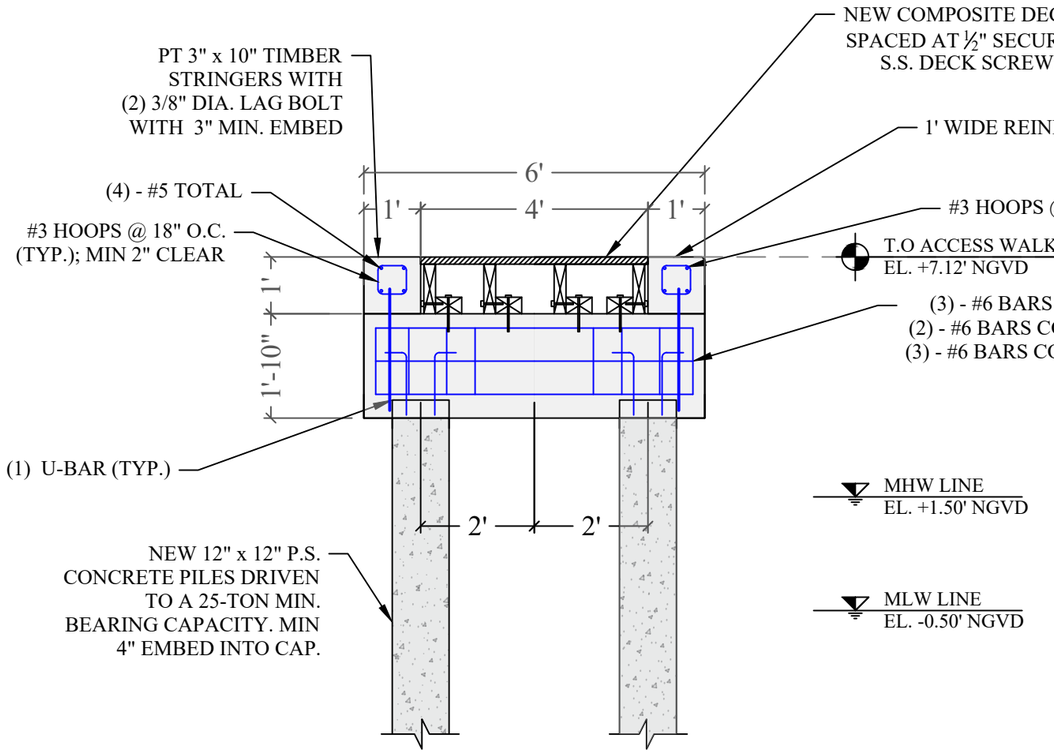
1	March 28, 2025 - VD

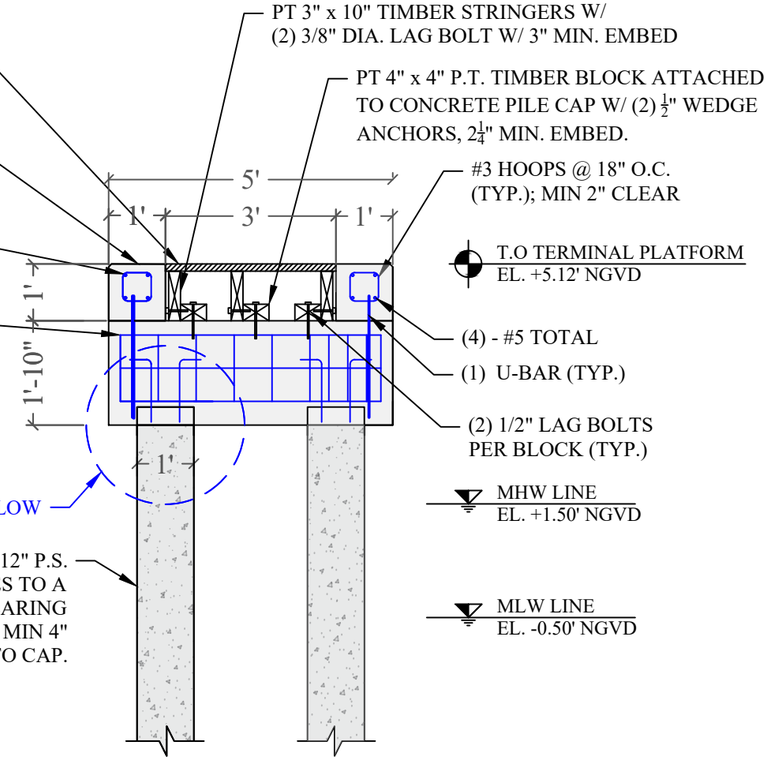
PROJECT:21-11375

DOCK SECTIONS AND HANGER BLOCK DETAIL

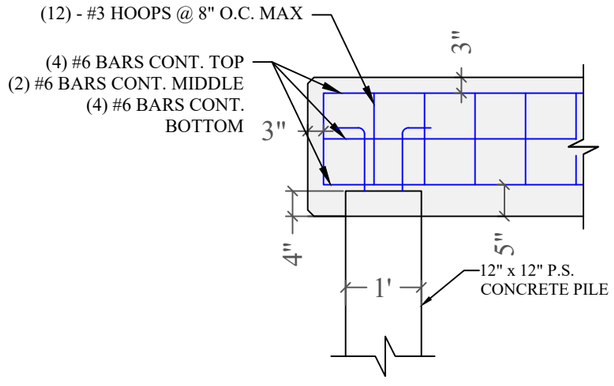
SCALE : AS SHOWN
SHEET NO.
S-5



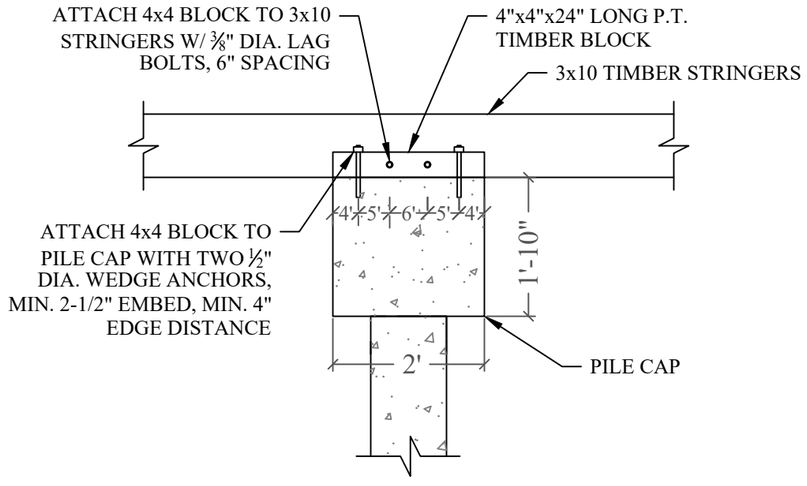
ACCESS PIER SECTION 1 / S-6
SCALE: ⅜" = 1'-0"



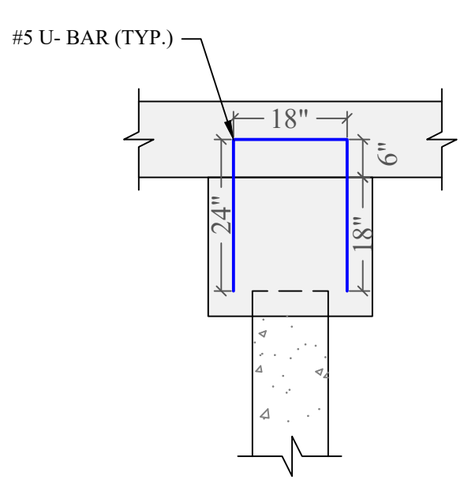
TERMINAL PLATFORM SECTION 2 / S-6
SCALE: ⅜" = 1'-0"



PILE CONNECTION CLOSE-UP 3 / S-6
SCALE: ½" = 1'-0"



4x4 BLOCK DETAIL 4 / S-6
SCALE: ½" = 1'-0"



U-BAR DETAIL 5 / S-6
SCALE: ½" = 1'-0"

22 HARBOR POIN DOCK PROJECT

2647

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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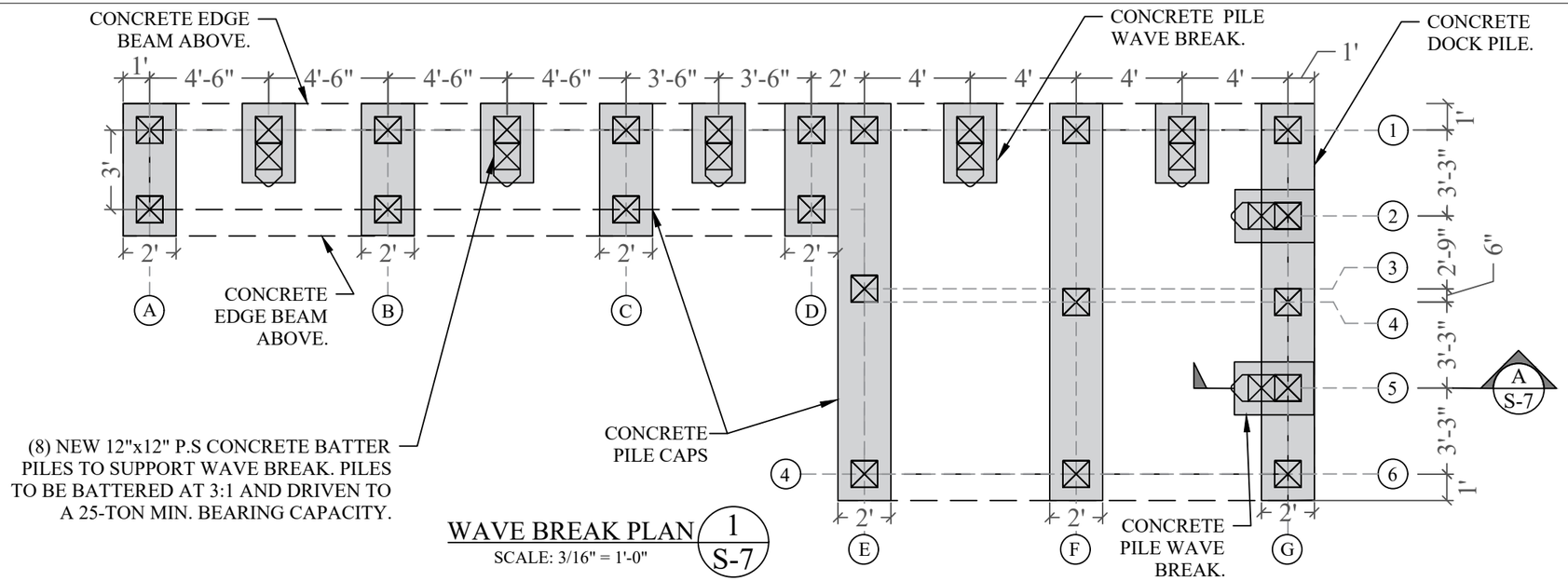
PROJECT:21-11375

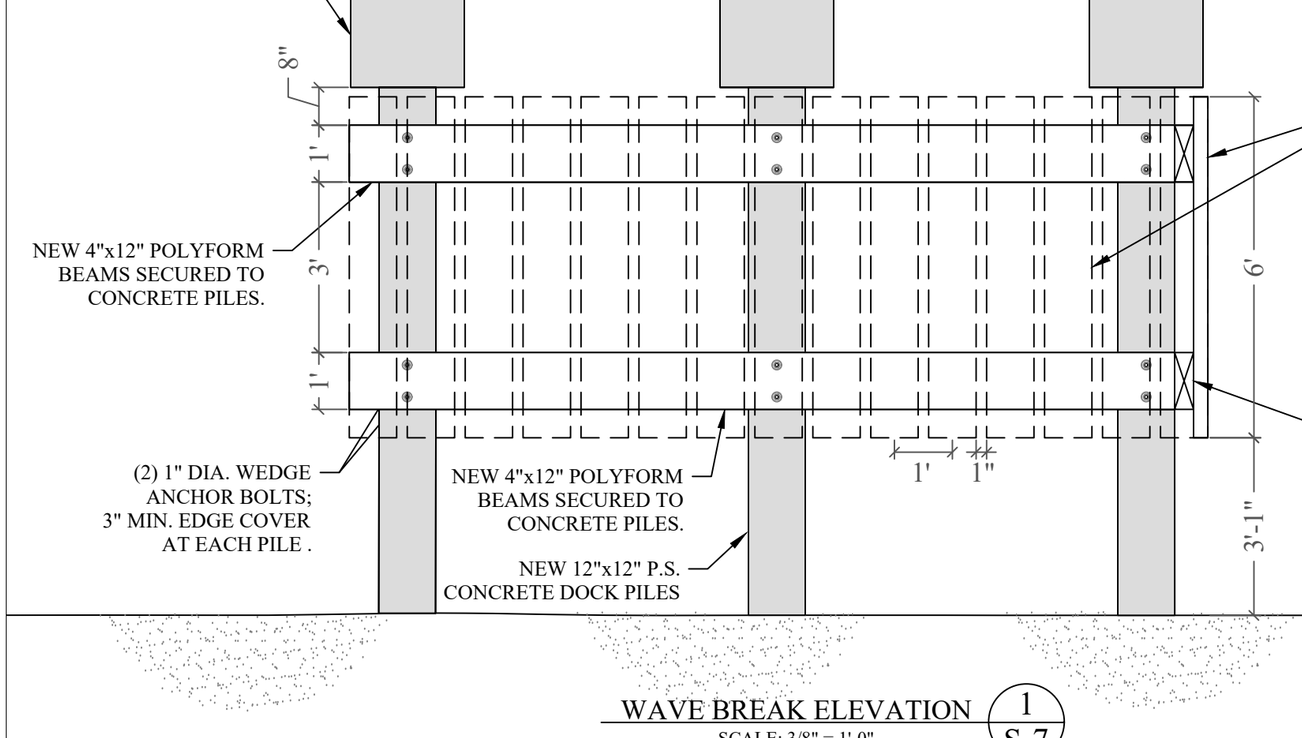
WAVE BREAK DETAILS

SCALE : AS SHOWN
SHEET NO.
S-6

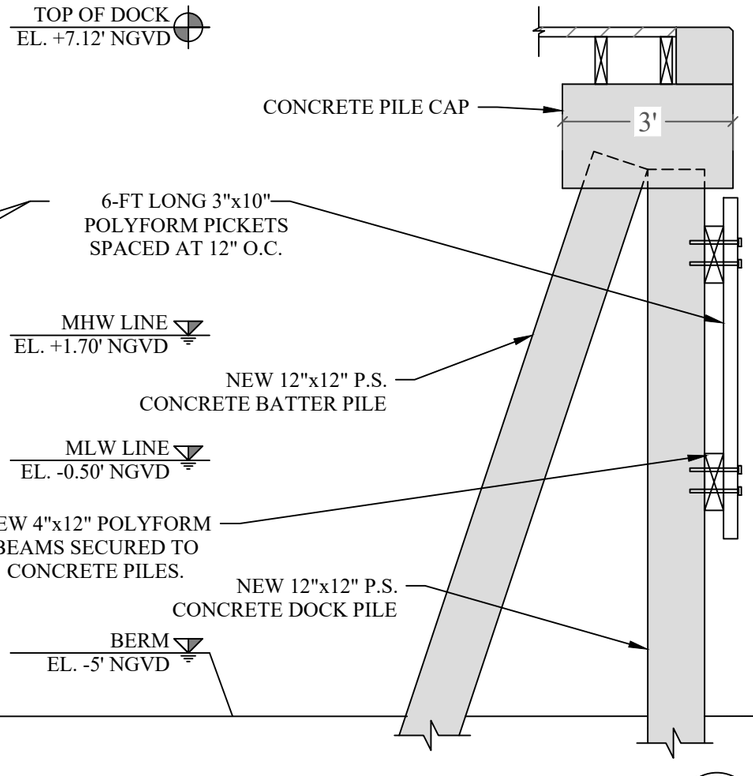


WAVE BREAK PLAN 1/S-7
SCALE: 3/16" = 1'-0"

FENDER PILES NOT SHOWN FOR CLARITY.



WAVE BREAK ELEVATION 1/S-7
SCALE: 3/8" = 1'-0"



WAVE BREAK ELEVATION A/S-7
SCALE: 3/8" = 1'-0"

22 HARBOR POIN
DOCK PROJECT

2648

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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PERMIT DRAWINGS

Issue #	Issue Date
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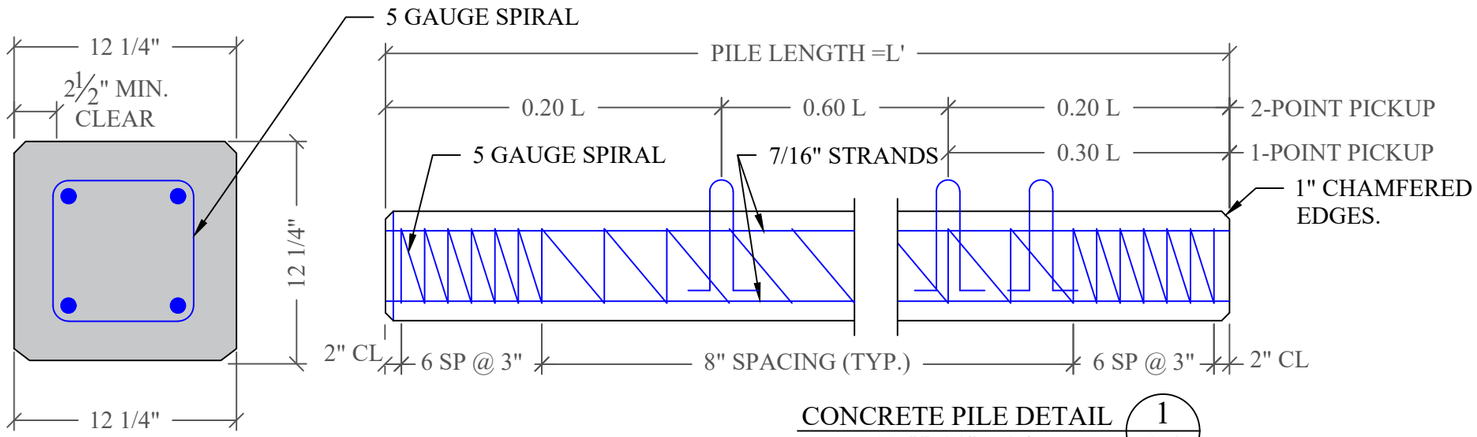
PROJECT:21-11375

WAVE BREAK DETAILS

SCALE : AS SHOWN
SHEET NO.
S-7



CONCRETE PILE DETAIL 1 / S-8
SCALE: 1-1/2" = 1'-0"

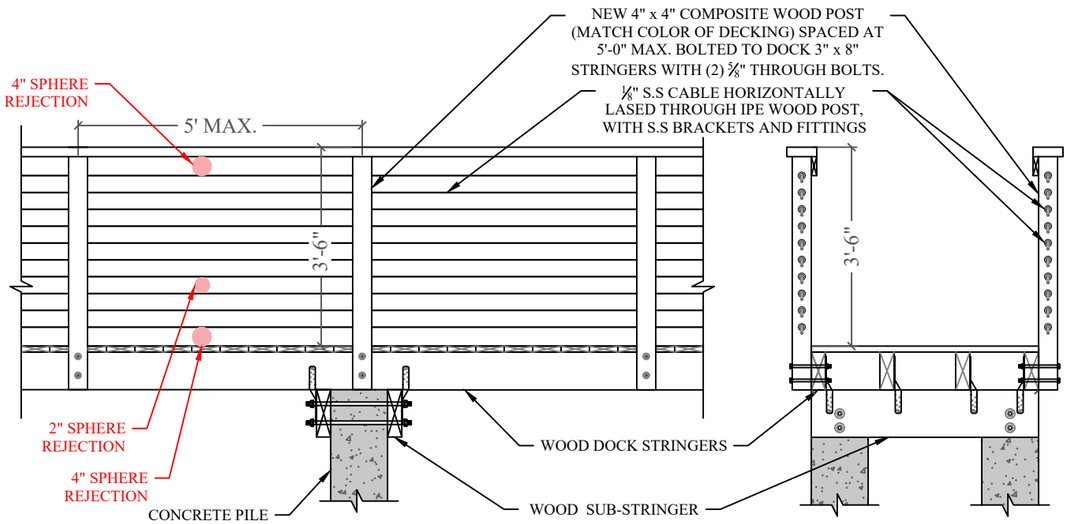
PILE NOTE:

CONCRETE COMPRESIVE STRENGTH:
3000 PSI @ RELEASE
5000 PSI @ DRIVING

STRANDS - USE FOUR 7/16" (270K)
LOW RELAXATION ASTM 416-87 UNCOATED
7-WIRE STRANDS TENSIONED TO 2.33 KIPS EACH

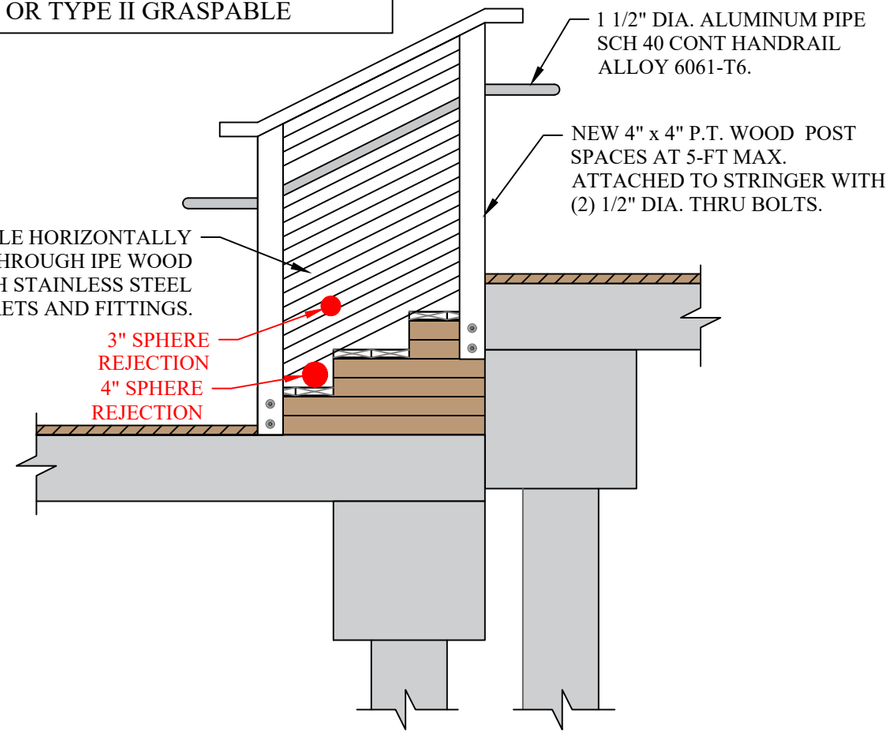
1-POINT PICKUP-MAXIMUM L = 50'
2-POINT PICKUP-MAXIMUM L = 62'

SPIRAL TO BE ASTM A-82 TIGHT
HARD-DRAWN WIRE

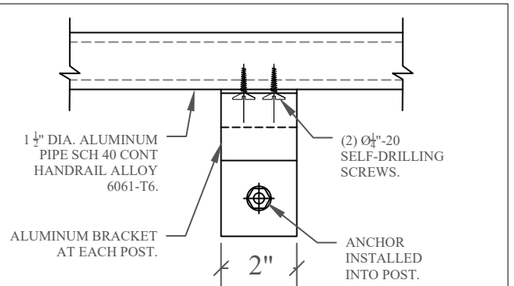


RAILING DETAIL 2 / S-8
SCALE: 3/8" = 1'-0"

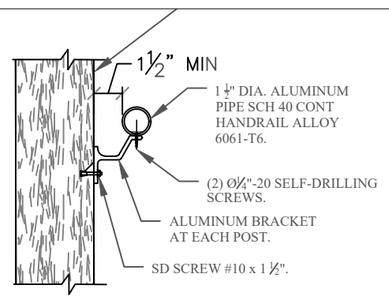
NOTE:
HANDRAIL HEIGHT SHALL BE BETWEEN 34" AND 38", EXTENDING FROM TOP STEP NOSING TO BOTTOM STEP NOSING. SEPARATED FROM ANY WALL 1 ½" CLEAR. OUTSIDE DIAMETER BETWEEN 1 ¼" AND 2". PERIMETER BETWEEN 4" AND 6 ¼" OR TYPE II GRASPABLE



RAILING DETAIL 3 / S-8
SCALE: ½" = 1'-0"



BRACKET DETAIL 4 / S-8
SCALE: 3" = 1'-0"



HANDRAIL CONNECTION DETAIL 5 / S-8
SCALE: 1-1/2" = 1'-0"

22 HARBOR POIN
DOCK PROJECT
2649

Key Biscayne, Florida

CLIENT:
MR. MICHAEL SHEALY

22 Harbor Point
Key Biscayne, Florida 33149

ENVIRONMENTAL CONSULTANT:
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PROJECT ENGINEER:
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Lic. No. 58620

PERMIT DRAWINGS

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1	March 28, 2025 - VD

PROJECT:21-11375

CONCRETE PILE & RAILING DETAILS

SCALE : AS SHOWN
SHEET NO.
S-8

STANDARD MANATEE CONDITIONS FOR IN ATER OR

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.

b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.

c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.

d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.

e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com

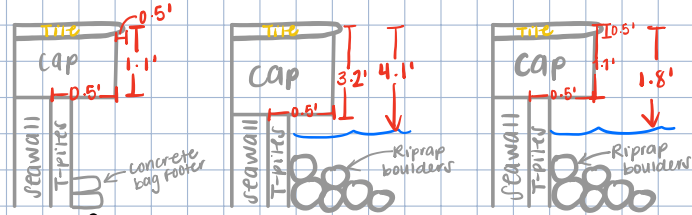
f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 ½" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at MyFWC.com/manatee. Questions concerning these signs can be sent to the email address listed above.

CLI-2022-0185 / KB Offshore Holdings, LLC
22 Harbor Point, Key Biscayne

In-water

Inspectors: R. Alnate & S. Tiffany

Seawall cross-sections



Resources

Loggerhead sponge
Parrotfish
* Oculina >16" (1'x1')
Manatee
Halimeda incrassata
Thalassia testudinum (TT)
Halodule Wrightii (HW)

Legend

Z = water depths
WW = waterward
LF = Linear Feet
MLW = Mean low water
MP = Mooring piles
∞ = Creat

Notes:

- Inspection conducted on April 25, 2022 @ 11:40 am.
- Water depths adjusted to MLW adjustment of 0.2'.
- Drawing not to scale.
- Submerged debris *

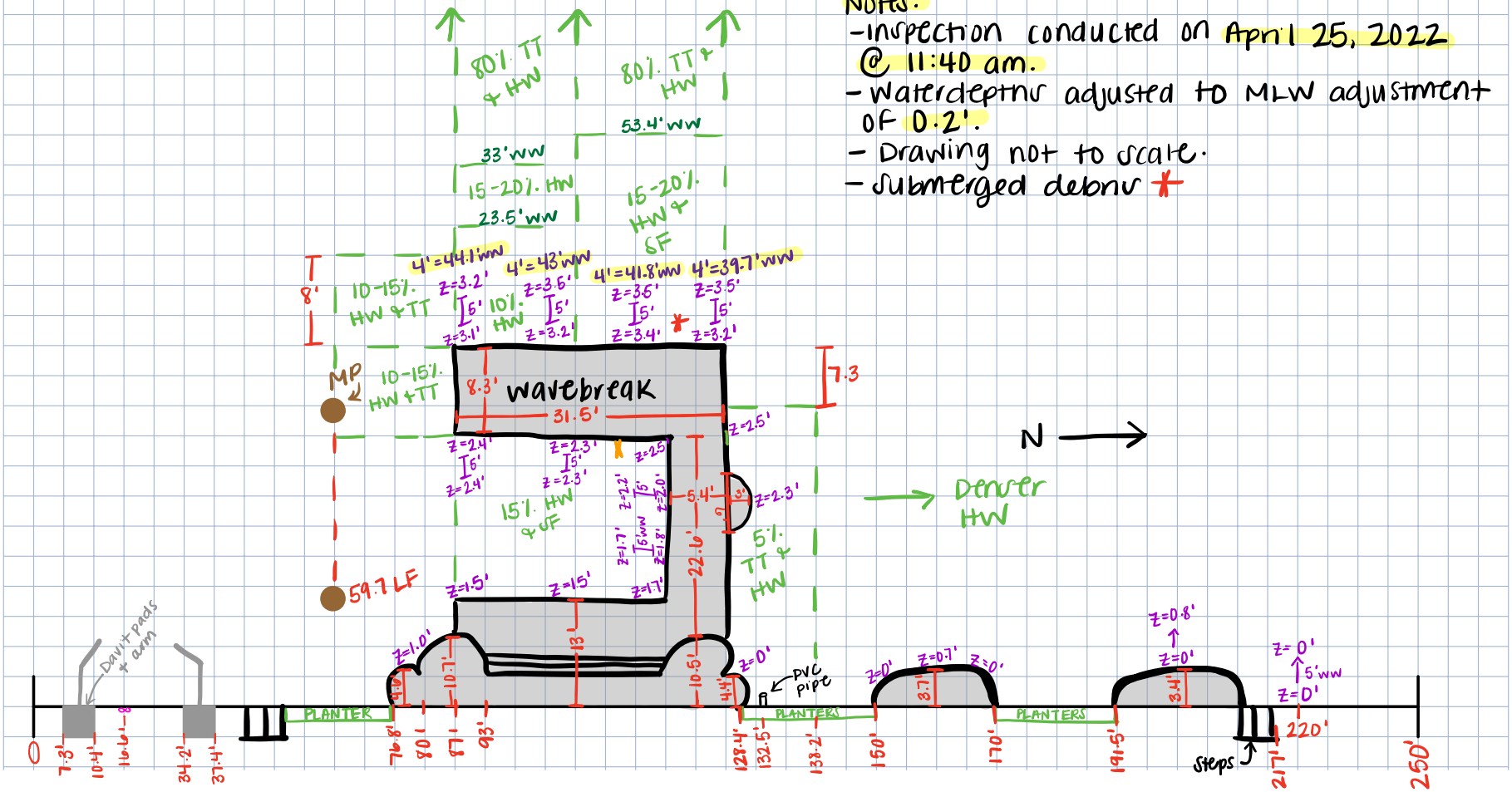


Exhibit F

ORDINANCE NO. 2011-15

AN ORDINANCE OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AMENDING SECTION 30-100(F)(4) OF THE VILLAGE CODE OF ORDINANCES RELATING TO DOCKS AND MOORING PILES WITHIN THE SINGLE FAMILY DISTRICTS; PROHIBITING DOCKS ON CERTAIN PROPERTIES; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Village of Key Biscayne (the "Village") currently regulates docks within the Village; and

WHEREAS, on February 8, 2011, the Village Council adopted Ordinance 2011-1 creating the Dock Advisory Board in order to study and evaluate the existing dock and mooring pile regulations within the Village, and to provide recommended changes to such regulations to the Village Council; and

WHEREAS, the Village Council, sitting in its capacity as the Local Planning Agency, has reviewed this Ordinance and recommends approval; and

WHEREAS, after review and consideration of the Dock Advisory Board's recommendations, the Village Council desires to amend the Village Code of Ordinances as provided for within this Ordinance; and

WHEREAS, the Village Council hereby finds and declares that adoption of this Ordinance is necessary, appropriate, and advances the public interest.

NOW, THEREFORE, IT IS HEREBY ORDAINED BY THE VILLAGE COUNCIL OF THE VILLAGE OF KEY BISCAYNE, FLORIDA, AS FOLLOWS[1]:

Section 1. The preceding "Whereas" clauses are ratified and incorporated as the legislative intent of this Ordinance.

[1] Coding: underlined words are additions to existing text, struck through words are deletions from existing text, shaded text reflects changes made from First Reading.

Section 2. Section 30-100(f)(4) of the Village Code Amended. The Village Council hereby amends the Village Code as follows:

Sec 30-100. Single Family and Two Family district

***

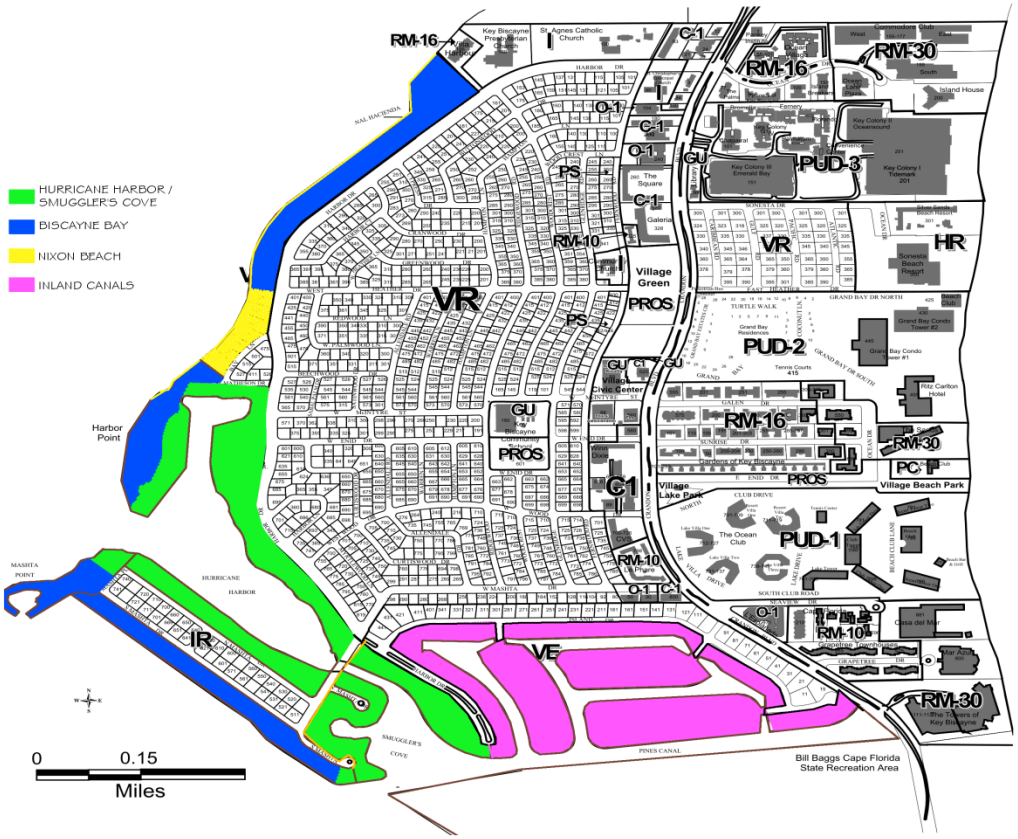
(f) *Permitted encroachments in Required Yards.*

***

(4) Docks and mooring piles.

These regulations shall apply to all properties within the single family districts, unless addressed in the specific regulations. For purposes of this section, properties shall be identified as provided for in the Village Waterfront Property Map.

VILLAGE OF KEY BISCAYNE
WATERFRONT PROPERTY MAP



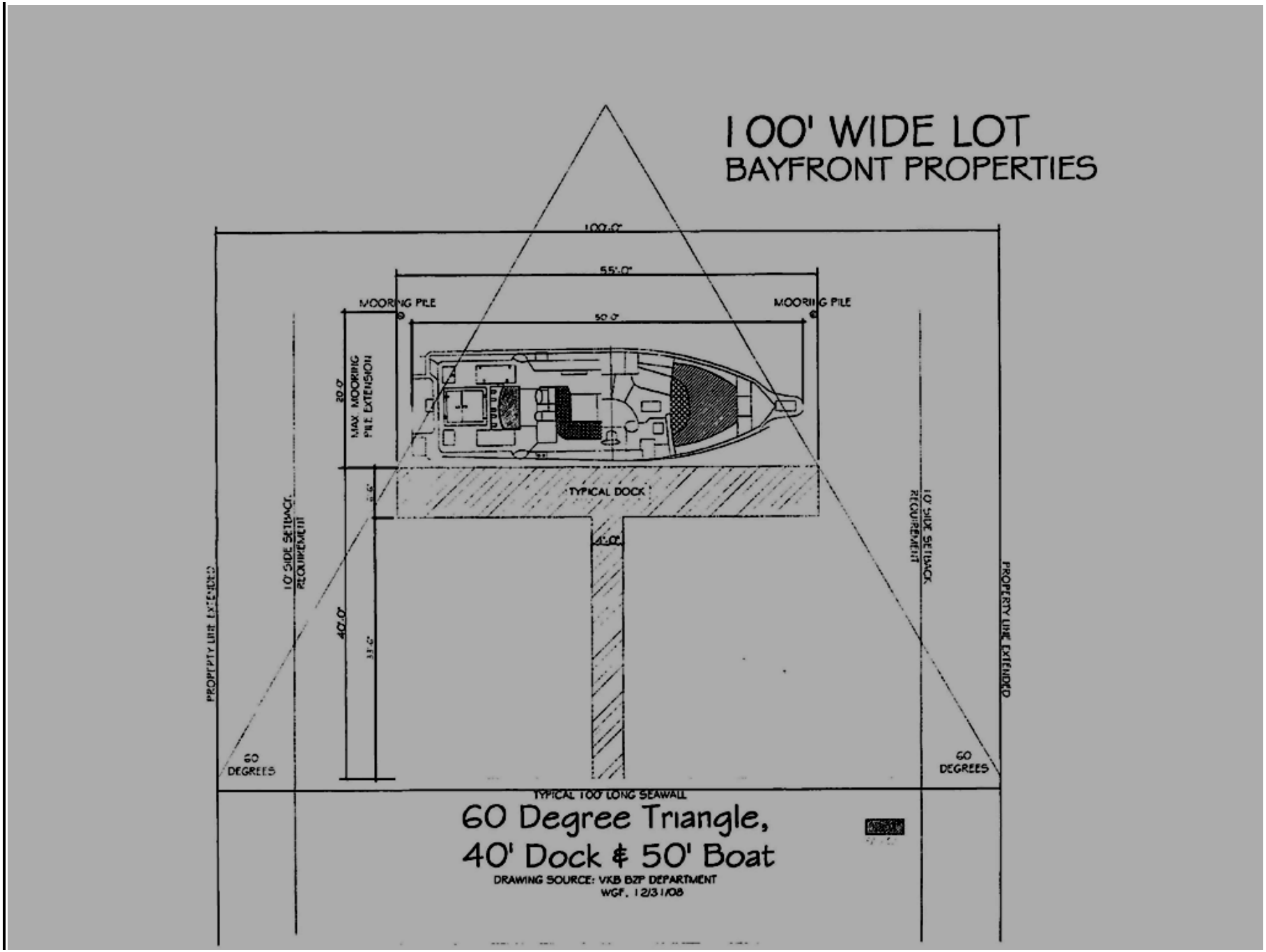
(a) General Requirements

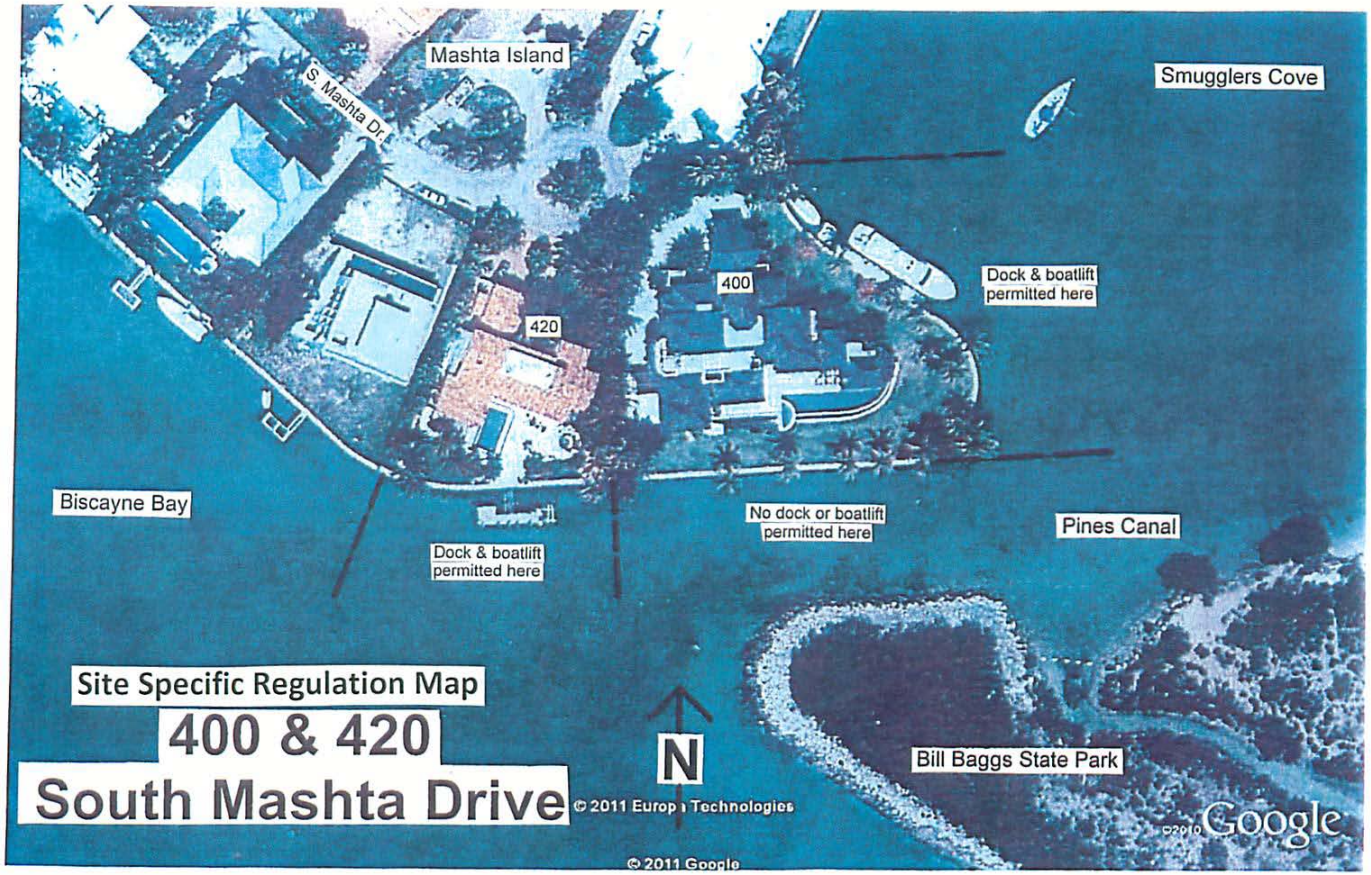
Regulations	**Requirements**
Building Permit Required	No docking facility shall be constructed without prior written approval by the Building, Zoning and Planning Department. The Village may deny a permit for any docking facility which is determined, under the criteria provided herein and by applicable law, to be detrimental to the equitable, safe, and adequate navigation of all Waterways in the Village including Biscayne Bay.
Setbacks for docks, davits, fender pilings, watercraft and mooring piles	Minimum setback shall be the side setback in the applicable zoning district extended into the water. No portion of a watercraft, including, but not limited to, the bow pulpit, engines, & dive platforms shall encroach into the required setback.
Mooring pile height.	Maximum height of a mooring pile shall be 13 ft. above NGVD (National Geodetic Vertical Datum).
Tender	For purposes of this section, a tender shall be considered a watercraft if it is in the water.
Boat lift & lift arm	A boat lift or boat arm shall not encroach into the minimum required setback extended into the water. The bottom of a watercraft on a boatlift shall be no more than six inches above the mean high water mark.
Legal nonconforming docks and mooring piles	The re-decking, replacement or repair of a legal nonconforming dock or mooring pile is permitted if it is within the same footprint as the original dock or mooring piles. A legal nonconforming dock or mooring pile that is destroyed or damaged by a natural disaster may be rebuilt within the same footprint as the original dock and mooring pile if a building permit is obtained within two years of the date of said destruction.
Maximum Number of slips and guest watercraft	There shall be no more than two boat slips per property. One guest boat is allowed if moored no more than 24 hours.
Measurement from mangroves	Whenever mangroves are situated on a property, any required measurements shall be from the water's edge of said mangroves.
Fender Piles	Where the width of a waterway does not permit a dock or mooring pile, fender piles may be placed at a distance not to exceed 18 inches from the bulkhead.

(b) Specific Regulations

Regulations	**Canal**	**Hurricane Harbor & Smuggler's Cove**	**Bayfront Properties**
Dock projection & parallel length	A dock shall be permitted to project a maximum of 10 ft. or 10% of the Waterway width, whichever is less.	A dock shall be permitted to project a maximum of 20 ft. or 20% of the Waterway width, whichever is less.	A dock shall be permitted to project a maximum of 40 ft. from the property line. Notwithstanding the foregoing, a dock, including mooring piles, shall be permitted to project a maximum of 100 ft. from the property line for properties located at 1,3,5,7,9,& 11 Harbor Point if the adjacent property owner(s) consent in writing. If there is a concave or convex property line, projection of one side of the dock may exceed the maximum permitted length of the dock by no more than six ft. The maximum length of a dock parallel to a bulkhead shall be 55 ft.
Mooring pile projection and distance requirements	The maximum mooring pile projection shall be 25 ft. from the bulkhead or 20% of the Waterway width, whichever is less.	The maximum mooring pile projection shall be 35 ft. from the bulkhead or 20% of the Waterway width, whichever is less.	The maximum mooring pile projection shall be 20 ft. from a dock. Maximum distance between mooring piles shall be 55 ft.
Triangle	N/A	N/A	A 60 degree triangle shall be required, except for those properties located at 1, 3,5,7,9, &11 Harbor Point. Baseline of the triangle is required to be greater than or equal to 100 ft. The dock or boat lift shall be located within the triangle. Mooring piles, boat lift arms, and watercraft are permitted outside of the triangle. (See, illustration below).
Max, length of watercraft	N/A	N/A	50 ft.
Site specific regulations	N/A	N/A	See below, the Site Specific Regulations Map for the following properties: 400 S. Mashta Dr., 420 S. Mashta Drive, and 28 Harbor Point Drive. Docks and moorings are prohibited on the following properties: 400 Harbor Dr. through and including 500 Bay Lane.
Perpendicular	N/A	No watercraft shall	N/A

dock restrictions		extend beyond the end of a dock perpendicular to a bulkhead by more than 10% of the length of the perpendicular dock. For purposes of this section, a perpendicular dock is a dock whose length from the bulkhead is at least twice the length of that portion of the dock parallel to a bulkhead.	


100' WIDE LOT
BAYFRONT PROPERTIES
100.0'
55'-0"
MOORING PILE
MOORING PILE
50'-0"
20'-0"
MAX MOORING PILE EXTENSION
TYPICAL DOCK
4'-0"
40'-0"
33'-6"
10' SIDE SETBACK REQUIREMENT
10' SIDE SETBACK REQUIREMENT
PROPERTY LINE EXTENDED
PROPERTY LINE EXTENDED
60 DEGREES
60 DEGREES
TYPICAL 100' LONG SEAWALL
60 Degree Triangle,
40' Dock & 50' Boat
DRAWING SOURCE: VKB BZP DEPARTMENT
WGF, 12/31/08


Mashta Island
S. Mashta Dr.
Smugglers Cove
400
420
Dock & boatlift permitted here
Biscayne Bay
No dock or boatlift permitted here
Pines Canal
Dock & boatlift permitted here
Site Specific Regulation Map
400 & 420
South Mashta Drive
N
Bill Baggs State Park
© 2011 Europa Technologies
Google
© 2011 Google

Site Specific Regulation Map
28 Harbor Point
N
Hurricane Harbor
Biscayne Bay
Harbor Point
28
Dock & boatlift permitted here
No dock or boatlift permitted here
Mashta Island
Imagery Date: Apr 1, 2010
25°41'17.22" N 80°10'28.16" W elev 0 ft
© 2011 Google
Eye alt 858 ft
©2010 Google

a. *General Regulations*. No docking facility within the single family districts in the Village of Key Biscayne shall be constructed without prior written approval by the Village of Key Biscayne Building, Zoning and Planning Department. The Village reserves the right to deny such permit for any docking facility which is determined, under the criteria provided herein and by applicable law, to be detrimental to the equitable, safe, and adequate navigation of all Waterways in the Village including Biscayne Bay.

1. All docks, davits, fenders, watercraft and mooring piles shall be set back a minimum of ten feet from each side property line extended into any bodies of water.

2. No mooring pile shall have a height exceeding 13 feet above NGVD (National Geodetic Vertical Datum).

3. No more than two slips shall be permitted per residence. Slip(s) which are occupied by a guest may be moored no longer than 24 hours.

4. A tender shall not be considered as a watercraft.

5. No dock shall project within 50 feet of a breakwater

6. No dock shall be within 25 feet of a marked channel.

7. A boat lift may project from a dock within the applicable 45 or 60 degree triangle but may not encroach the required ten-foot side yard setbacks. Lift arms may extend beyond the applicable 45 or 60 degree triangle, but shall not extend beyond the mooring piles.

8. The maximum height for a watercraft on a boat lift is such that the keel may be no more than five inches above the Mean High Water Level.

9. Maximum Dock and Mooring Pile Extensions from a Property Line.

a. *Canal*. No dock shall extend from a property line into any canal a distance greater than ten feet, or ten percent of the width of the waterway, whichever is less. No mooring pile shall extend from a property line into any canal a distance greater than 25 feet or 20 percent of the canal width, whichever is less. The dock, watercraft and any mooring pile shall fit within a 45 degree triangle.

[triangle]

b. *Hurricane Harbor and Smuggler's Cove*. No dock shall extend from a property line into Hurricane Harbor or Smuggler's Cove a distance greater than 20 feet or ten percent of the waterway, whichever is less. No mooring pile shall extend from a property line into Hurricane Harbor or Smuggler's Cove a distance greater than 35 feet or 20 percent of the channel width, whichever is less. The dock, watercraft and any mooring piles shall fit within a 45 degree triangle.

c. *Biscayne Bay*. No dock shall extend from a property line into Biscayne Bay a distance greater than 40 feet. The dock and watercraft shall fit within a triangle with 60 degree angles along the base of the triangle. The baseline of the triangle shall not exceed 100 feet. No mooring pile shall extend more than 20 feet from a dock and may not extend more than 60 feet from the property line into Biscayne Bay. Mooring piles are permitted outside of the 60 degree triangle.

10. Where the width of a waterway does not permit the placement of a dock or outer mooring pile, fender mooring piles may be placed at a distance not to exceed 18 inches from the bulkhead.

b. *Specific Regulations*. The following provisions shall apply only to those properties located along Biscayne Bay at 200 through and including 398 Harbor Drive:

[triangle]

1. No dock shall extend from a property line into Biscayne Bay a distance greater than 40 feet. The dock shall fit within a triangle with 60 degree angles along the base of the triangle as depicted below. The baseline of the triangle shall not exceed 100 feet.

2. No mooring pile shall extend more than 20 feet from a dock and may not extend more than 60 feet from the property line into Biscayne Bay. No more than two mooring piles and one watercraft are permitted outside of the 60 degree triangle.

3. If the property line is a concave or convex arc, the projection of one side of the dock may exceed the 40-foot maximum by no more than six feet.

4. No more than one slip shall be permitted per residence. A watercraft owned by a guest may be moored no longer than 24 hours within a slip.

5. No dock or mooring pile shall project within 60 feet of a breakwater.

6. A boat lift shall not encroach into the required ten-foot side yard setbacks. Lift arms may extend beyond the 60 degree triangle, but shall not extend beyond the mooring piles.

7. The maximum height for a watercraft on a boat lift is such that the bottom of the watercraft may be no more than six inches above the Mean High Water Level.

8. A watercraft shall not exceed a maximum of 50 feet in length overall (LOA).

9. The maximum distance between mooring piles shall be 50 feet, and the maximum length of a dock running parallel to the property shall not exceed 50 feet.

Section 3. Severability. The provisions of this Ordinance are declared to be severable and if any section, sentence, clause or phrase of this Ordinance shall for any reason be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this Ordinance but they shall remain in effect, it being the legislative intent that this Ordinance shall stand notwithstanding the invalidity of any part.

Section 4. Conflicts. All ordinances or parts of ordinances, resolution or parts of resolutions, in conflict herewith, are repealed to the extent of such conflict.

Section 5. Effective Date. This Ordinance shall become effective immediately upon adoption on second reading

PASSED AND ADOPTED on first reading this 22nd day of November, 2011.

PASSED AND ADOPTED on second reading this 6th day of December, 2011.

_____

MAYOR FRANKLIN CAPLAN

ATTEST:

_____

CONCHITA H. ALVAREZ, MMC, VILLAGE CLERK

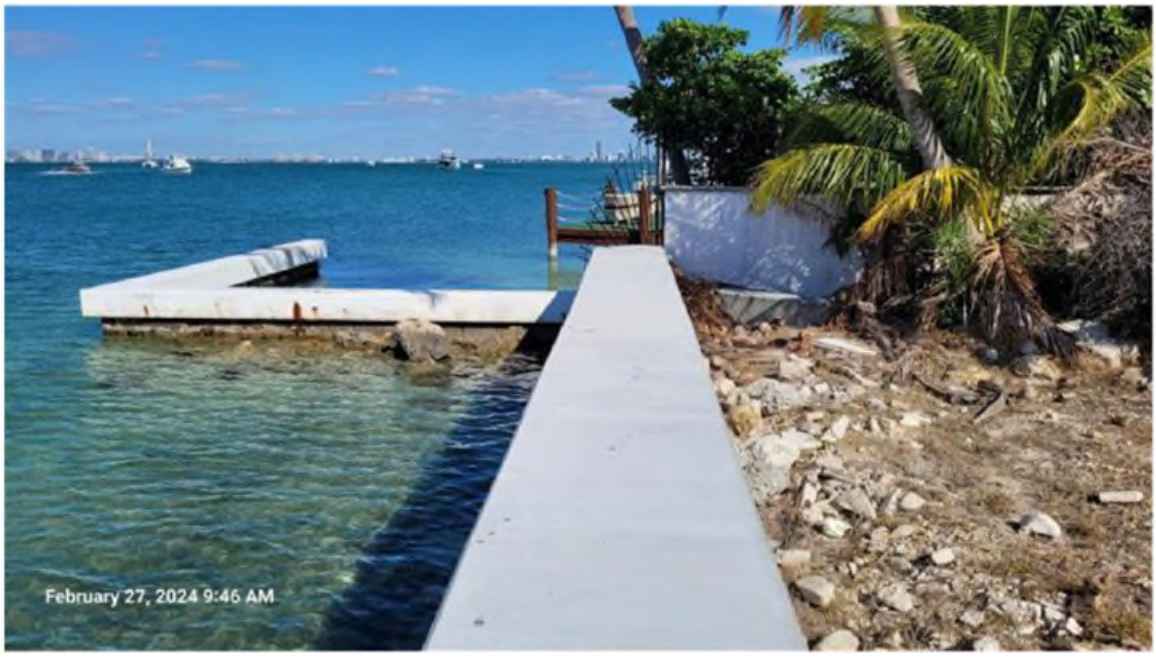
APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

_____

VILLAGE ATTORNEY

22 Harbor Point, Key Biscayne
Application Photographs



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