Utility Special District Meeting
Agenda
Marina Event Center - 190 E. 13th Street
Riviera Beach, FL 33404
July 14, 2026
6:00 PM

Be advised, that the meeting location is subject to change. The public is encouraged to visit the City's website, www.rivierabch.com , for up to date information on meeting location and information.

Chairperson
Glen Spiritis, Ph.D - District 4

Vice Chair
Fercella Davis-Panier - District 5

Board Members
Bruce Guyton - District 1
KaShamba Miller-Anderson - District 2
Shirley D. Lanier - District 3

Ex-Officio Board Member
Mayor Douglas A. Lawson

Administration
William E. Wilkins, Interim City Manager
Deborah Hall, MMC, District Clerk
Dawn S. Wynn, Esq., District Attorney
Randy Sherman, CPA, CGFO, CTP, District Finance Director

ADA Notice

This meeting is open to the Public. In accordance with the Americans with Disabilities Act of 1990, persons in need of a special accommodation to participate in the proceedings shall contact the Office of the City Clerk at 561-845-4090 no later than 2 days (48 hours) prior to the proceedings.

To request material in accessible format, sign language interpreters, hearing impaired accommodation, or any accommodation to review any document or participate in these proceedings, please contact the Florida Relay Services 1-800- 955-8771 (TDD) or 1-800-955-8770 (voice) for assistance.

Public Comments Information

If anyone wants to speak on an agenda item, please complete a public comment card located at the front desk and give it to the City Clerk staff prior to Board discussion and before the public comments section is announced. In no event will anyone be allowed to submit a comment card to speak on an agenda item after the title of the item is read or considered.

Consent Agenda: Total time allotted for comment on the Consent Agenda to each member of the public is three (3) minutes.

Regular Agenda: Members of the public will be given three (3) minutes to speak on any regular agenda item.

Please note that the time limit for public comment may be reduced by a vote of the Board based on the voluminous nature of public comment cards.

Civility and Decorum: Please be reminded that the City of Riviera Beach is committed to civility and decorum by its officials, employees, and members of the public who attend this meeting. The Board has adopted "Rules of Decorum Governing Public Conduct during Official Meetings", which provides in pertinent part:

- Officials shall be recognized by the Chair and shall not interrupt a speaker.
- Public comment shall be addressed to the Board as a whole and not to any individual on the dais or in the audience.
- Displays of anger, rudeness, ridicule, impatience, lack of respect and personal attacks are strictly prohibited.
- Unauthorized remarks from the audience, stamping of feet, clapping, whistles, yells and similar demonstrations shall not be permitted.
- Offenders may be removed from the meeting.
- Please mute or turn off cell phone at the start of the meeting. Failure to do so may result in being barred from the meeting.

Lobbying - Ordinance 4001 - Adopted September 2011

Lobbyist registration and reporting forms are available for you online and in print. Forms can be obtained in the Office of the City Clerk and Council Chambers. Registration and reporting forms shall be submitted to the Office of the City Clerk.

CALL TO ORDER

Roll Call

Invocation

Pledge of Allegiance

AGENDA Approval
Additions, Deletions, Substitutions

Disclosures

Adoption of Agenda

Comments From the Public on Consent Agenda (Three Minutes Limitation)

CONSENT AGENDA
Routine Board Business. The Consent Agenda is approved by a single majority vote. Items may be removed for open discussion by a request from a Board member or member of staff.

1. Minutes

1.a **April 15, 2026, Utility Special District Board of Directors Meeting Minutes.**

Debrah Hall, District Clerk, (561) 845-4090

Staff recommends a Motion to approve the April 15, 2026, Utility Special District Board of Directors Meeting Minutes.
Cover Page
April 15, 2026 Utililty Special District Meeting Minutes.pdf

1.b **May 20, 2026, Utility Special District Board of Directors Meeting Minutes.**

Debrah Hall, District Clerk, (561) 845-4090

Staff recommends a Motion to approve the May 20, 2026, Utility Special District Board of Directors Meeting Minutes.
Cover Page
May 20, 2026 Utility Special District Meeting Minutes.docx

2. Resolutions

2.a **Resolution Number 26-26UD: A Resolution of the Utility Special District Board of Directors of the City of Riviera Beach, Palm Beach County, Florida authorizing the Board to appoint Joshua Niemann, Executive**

Director of Utility Special District to the East Central Regional Wastewater Treatment Facility (ECR) Board according to the Interlocal Agreement signed September 9, 1992, and the renewal of the ECR Interlocal Agreement signed April 20, 2010; and providing for an effective date.

Joshua Niemann, Utility Special District Executive Director, (561) 845-4185

Staff recommends a Motion to approve Resolution Number 26-26UD.
Cover Page
Resolution_26-26UD_ECR_Board_Appointment_Resolution.docx
1992 09 09 Interlocal Agreement ECR.pdf
Resolution_26-26UD_ECR_Board_Appointment_Letter.docx

2.b **Resolution Number 29-26UD: A Resolution of the Utility Special District Board of Directors of the City of Riviera Beach, Palm Beach County, Florida authorizing the Board to appoint Richard Gallant, Assistant Director of Utility Special District, as the alternate to the East Central Regional Wastewater Treatment Facility (ECR) Board according to the Interlocal Agreement signed September 9, 1992, and the renewal of the ECR Interlocal Agreement signed April 20, 2010; and providing for an effective date.**

Joshua Niemann, Utility Special District Executive Director, (561) 845-4185

Staff recommends a Motion to approve Resolution Number 29-26UD.
Cover Page
Resolution_29-26UD.docx
East Central Regional Wastewater interlocal agreement.pdf
Reolution_29-26UD_ECR_Alternante Board_Appointment.docx

2.c **Resolution Number 30-26UD: A Resolution of the Utility Special District Board of Directors of the City of Riviera Beach, Palm Beach County, Florida authorizing the Board to delegate authority to execute all permit applications related to the Utility Special District and its service area from the Palm Beach County Health Department, South Florida Water Management District, Florida Department of Environmental Protection, and United States Army Corps of Engineers to Joshua Niemann, Executive Director of Utility Special District and in his absence Richard Gallant as the Assistant Utility Director as the authorized signee; and providing for an effective date.**

Joshua Niemann, Utility Special District Executive Director, (561) 845-4185

Staff recommends a Motion to approve Resolution Number 30-26UD.
Cover Page
Resolution_30-26UD.docx

Resolution_30-26UD_FDEP_Letter_of_Appointment.docx
Resolution_30-26UD_PBCHD_Letter_of_Appointment.docx
Resolution_30-26UD_SFWMD_Letter_of_Appointment.docx
Resolution_30-26UD_USACE_Letter_of_Appointment.docx

2.d **Resolution Number 32-26UD: A Resolution of the Board of Directors of the City of Riviera Beach Utility Special District, Palm Beach County, Florida, approving and authorizing the City Manager to issue a purchase order for the purchase of water meters from Water Works Metrology, LLC in an amount not to exceed $47,714.69 from Project Code 23038, Water Meter Infrastructure Upgrades; and authorizing the Utility Special District Finance Director to make payments from Project Code 23038 in an amount not to exceed $47,714.69; and providing an effective date.**

Joshua Niemann, Utility Special District Executive Director, (561) 845-4051

Staff recommends a Motion to approve Resolution Number 32-26UD.
Cover Page
Resolution Number 32-26UD.docx
Riviera Beach Quote.pdf
RESOLUTIONS 007-18UD THRU 009-18UD.pdf
Mueller Master Agreement.pdf

END OF CONSENT AGENDA

3. Unfinished Business

Petitions and Communications for filing

4. Awards and Presentations

4.a **Presentations of Updates on Utility Special District Projects.**

Joshua Niemann, Utility Special District Executive Director, (561) 845-4185

Staff recommends that the Mayor and USD Board members receive these Presentations.
Cover Page
Brown & Caldwell_Owner's Rep_Update_7-1-26.pdf
Haskell-CDM Smith_JV Update_July 2026.pdf
Globaltech_Wellfield Rehab Proj_Update_07022026.pdf
U.S. Water Services_Monthly Report_July 2026.pdf

5. Public Hearings

COMMENTS FROM THE PUBLIC - 5:45 PM Non-Agenda Item Speakers (Three Minute Limitation)

Public Comments shall begin at 5:45 PM unless there is no further business of the Board, which in that event, it shall begin sooner. In addition, if an item is being considered at 5:45 PM, then comments from the public shall begin immediately after the item has been concluded.

6. Items Tabled

REGULAR AGENDA

7. Resolutions on Regular Agenda

8. Discussion and Deliberation

8.a **Discussion on Water Rates**

Bruce Guyton, Councilman, (561) 845-3686

It is recommended that the Mayor and Utility Special District Board members receive this Presentation.
Cover Page
crb-utility-booklet.pdf
PDF Adjustment.pdf
PDF Comparison.pdf

8.b **Discussion regarding 2026 Bond and intended purpose.**

Joshua Niemann, Utility Special District Executive Director, (561) 845-4185

Staff recommends Mayor and Utility Special District Board receive this discussion item.
Cover Page
Engineers Bond Report 2026.pdf

9. Confirmation of Direction

10. Discussion by City Manager/Executive Director

11. Discussion by District Attorney

12. Statements by the Mayor and Board

ADJOURNMENT

Appeals

If any interested person desires to appeal any decision of the Board with respect to any matter considered at this meeting, at his or her own expense, that person will need a record of the proceedings and for such purpose may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based, pursuant to Section 286.0105, F.S. The City of Riviera Beach does not prepare or provide such a record.

Riviera Beach - Utility Special District

To:	Honorable Mayor, Chairperson, and Utility Special District Board
From:	Debrah Hall, District Clerk
Through:	William Wilkins, Interim City Manager
Subject:	**April 15, 2026, Utility Special District Board of Directors Meeting Minutes.**
Date:	July 14, 2026
CC:	General Public

Background:
Attached you will find the April 15, 2026, Utility Special District Board of Directors Meeting Minutes.

City Goals:
The Citywide Goal is to Enhance Government Stewardship.

Fiscal/Budget Impact:
There is no fiscal impact.

Recommendation:
Staff recommends a Motion to approve the April 15, 2026, Utility Special District Board of Directors Meeting Minutes.

Attachments:
1. April 15, 2026 Utililty Special District Meeting Minutes.pdf

UTILITY SPECIAL DISTRICT
BOARD OF DIRECTORS MEETING
April 15, 2026
5:30 p.m.

Chairperson

Shirley D. Lanier.....Chairperson Lanier
District 3

Vice Chair

KaShamba Miller-Anderson.....Chair Pro Tem Miller-Anderson
District 2

Board Members

Bruce Guyton .....Board Member Guyton
District 1

Glen Spiritis.....Board Member Spiritis
District 4

Fercella Davis Panier.....Board Member Davis Panier
District 5

Ex Officio Board Member

Douglas A. Lawson.....Mayor Lawson

Administration

Jonathan Evans – City Manager

Debrah Hall –District Clerk

Dawn Wynn – District Attorney

Randy Sherman - District Finance Director

Transcribed by:

Legal Transcription On Call
(561) 917-1636

[Before meeting comments]

[Before meeting chatter and discussions]

[Gavel]

CALL TO ORDER

Chairperson Lanier: Good afternoon. Welcome to the Utility Special District meeting.

Today is April 15, 2026. The time is 5:41.

Madam Clerk.

ROLL CALL

District Clerk Hall: Chairperson Shirley Lanier?

Chairperson Lanier: Here.

District Clerk Hall: Vice Chair KaShamba Miller- Anderson?

Vice Chair Miller-Anderson Present.

District Clerk Hall: Board Member Bruce Gutyon?

Board Member Guyton: [Absent].

District Clerk Hall: Board Member Dr. Glen Spirits?

Board Member Spiritis: Here.

District Clerk Hall: Board Member Fercella Davis Panier?

Board Member Davis Panier: Here.

District Clerk Hall: *Ex officio* Board Member Mayor Douglas Lawson?

Mayor Lawson: [Absent].

District Clerk Hall: City Manager Jonathan Evans?

City Manager Evans: Present.

District Clerk Hall: District Clerk Debrah Hall is present.

District Attorney Dawn Wynn?

District Attorney Wynn: Here.

District Clerk Hall: District Finance Director Randy Sherman?

District Finance Director Sherman: Here.

District Clerk Hall: Madam Chair, you have a quorum.

You may proceed.

Chairperson Lanier: Thank you.

INVOCATION

PLEDGE OF ALLEGIANCE

Chairperson Lanier: We will have a moment of silence, followed by the Pledge of Allegiance by Dr. Spiritis.

[Moment of silence]

Board Member Spiritis: I pledge allegiance…

All: …to the Flag of the United States of America, and to the Republic for which it stands, one nation under God, indivisible with liberty and justice for all.

AGENDA APPROVAL

ADDITIONS, DELETIONS, SUBSTITUTIONS

Chairperson Lanier: From Staff or from the Board, do we have any additions, deletions or substitutions?

City Manager Evans: Madam Chair, if I may?

Chairperson Lanier: Yes. Go ahead.

City Manager Evans: Resolution 13-26th on the Utility District Item 7a, we would like to remove that Item from the Agenda and bring that Item back at a future Utility District meeting.

Chairperson Lanier: Okay.

Madam Clerk, will you take note?

District Clerk Hall: Yes, ma'am.

Chairperson Lanier: Any other additions, deletions, or substitutions?

[Pause]

DISCLOSURES

Chairperson Lanier: Are there any disclosures from the Board or from the Staff in regards to any of the Items listed on the Agenda?

[Pause]

ADOPTION OF AGENDA

Chairperson Lanier: Motion to approve the Agenda?

Board Member Spiritis: So moved.

Board Member Davis Panier: Second.

Chairperson Lanier: Madam Clerk.

District Clerk Hall: Board Member Davis Panier?

Board Member Davis Panier: Yes.

District Clerk Hall: Board Member Miller-Anderson. I'm sorry.

Vice Chair Miller-Anderson?

Vice Chair Miller-Anderson: Yes.

District Clerk Hall: Board Member Dr. Spiritis?

Board Member Spiritis: Yes.

District Clerk Hall: Chairperson Lanier?

Chairperson Lanier: Yes.

District Clerk Hall: Unanimous vote.

Chairperson Lanier: Thank you.

We will go…

District Clerk Hall: Madam Chair?

Please let the record reflect that *ex officio* Board Member Mayor Douglas Lawson is present.

Chairperson Lanier: Thank you.

District Clerk Hall: Mhmm.

CONSENT AGENDA

Chairperson Lanier: We are at our Consent Agenda.

Chairperson Lanier: ALL MATTERS LISTED UNDER THIS ITEM ARE CONSIDERED TO BE ROUTINE AND ACTION WILL BE TAKEN BY ONE MOTION. THERE WILL BE NO SEPARATE DISCUSSION OF THESE ITEMS UNLESS A COUNCILPERSON SO REQUESTS, IN WHICH EVENT, THE ITEM WILL BE REMOVED FROM THE GENERAL ORDER OF BUSINESS AND CONSIDERED IN ITS NORMAL SEQUENCE ON THE AGENDA.

1. ITEM NO. 1

MINUTES

2. ITEM NO. 2

RESOLUTIONS

2a. ITEM NO. 2A

RESOLUTION NUMBER 10-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, AUTHORIZING THE USE OF THE ALTERNATE CONTRACT SOURCE NO. 43210000-23- NASPO-ACS FROM FLAGLER TECHNOLOGIES FOR SCADA SERVERS IN AN AMOUNT NOT TO EXCEED $34,901.00 FROM PROJECT CODE 18146, SCADA UPGRADES ACCOUNT; AND AUTHORIZING THE UTILITY SPECIAL DISTRICT FINANCE DIRECTOR TO MAKE PAYMENTS FROM PROJECT CODE 18146 IN AN AMOUNT NOT TO EXCEED $34,901.00; AND PROVIDING AN EFFECTIVE DATE.

JOSHUA NIEMANN, UTILITY SPECIAL DISTRICT EXECUTIVE DIRECTOR, (561) 845-4185

Chairperson Lanier: Are there any Items on the Agenda that would like to be removed?

[Pause]

Chairperson Lanier: Hearing none.

A motion for the Consent Agenda?

Board Member Spiritis: So moved.

Vice Chair Miller-Anderson: Second.

Chairperson Lanier: Madam Clerk.

District Clerk Hall: Board Member Davis Panier?

Board Member Davis Panier: Yes.

District Clerk Hall: Vice Chair Miller-Anderson?

Vice Chair Miller-Anderson: Yes.

District Clerk Hall: Board Member Dr. Spiritis?

Board Member Spiritis: Yes.

District Clerk Hall: Chairperson Lanier?

Chairperson Lanier: Yes.

District Clerk Hall: Unanimous vote.

Chairperson Lanier: Thank you.

END OF CONSENT

3. ITEM NO. 3

UNFINISHED BUSINESS

PETITIONS AND COMMUNICATIONS FOR FILING

4. ITEM NO. 4

AWARDS AND PRESENTATIONS

Chairperson Lanier: Awards and presentations.

Madam Clerk.

4a. ITEM NO. 4A

District Clerk Hall: Madam Chair, we are on Item 4a.

District Clerk Hall: PRESENTATIONS OF UPDATES ON UTILITY SPECIAL DISTRICT PROJECTS

JOSHUA NIEMANN, UTILITY SPECIAL DISTRICT EXECUTIVE DIRECTOR, (561) 845-4185

Chairperson Lanier: Mr. Evans.

City Manager Evans: Madam Chair and Members of the Board, at this time, if I can have the Utility District Executive [stammer] Director, Mr. Niemann, to make this presentation.

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

Executive Director Niemann: At this time, I'd like to invite Nigel Brown to the podium to provide the update from Brown & Caldwell.

Nigel Grace, I'm.., my apologies.

[Chuckle]

Mr. N. Grace: Good evening, Board, Board Chair, Mr. Mayor. I'm Nigel Grace from Brown and Caldwell.

The.., the… I'd just like to.., to report to you a quick update on where things are. As you know, GMP-5 has been approved and authorized. The JV's actively working on permitting

related activities, mobilizing trailers, taking care of all the.., the administration related activities associated with mobilizing for major construction activity.

They're.., they're gonna be initiating work.., some of the underground soil preparation work before very long. So, pretty aggressive steps are being taken on that front. They've.., they've updated their issue for permitting documents. We've had a few review cycles.

The next step is for that to be able to progress the.., the construction ready documents. So, that's in.., in pretty good shape.

The.., the JV's also in the process of preparing GMP-6 for the raw water transmission infrastructure. That's the pipelines that will bring in the raw water from the new supply wells to the water treatment plant.

So, they're in the process. We've.., we've had some discussions with them and they're in the process of, you know, refining that.., that GMP package and.., and that should be submitted within the next few weeks.

As it relates to the other existing GMP's 2 through 5.., 2 through 4, construction is actively progressing as expected.

Wells are in the completing phase as new wells are being initiated for construction. They.., for some of the wells, they're beginning to do the surface improvements in terms of slabs and piping and things of that nature.

So, that.., that's.., that's all. Everything's moving as expected for construction packages of.., of this size.

I think that probably kind of summarizes, you know, relatively uneventful in terms of the development activities occurring on the project.

Chairperson Lanier: Thank you.

Any questions from the Board in regards to the Brown and Caldwell contract?

[Pause]

Chairperson Lanier: Thank you, Mr. Grace…

Mr. N. Grace: Thank you.

Chairperson Lanier: …for your presentation.

Next.

Executive Director Niemann: Madam Chair, if I may, call the Haskell/CDM Smith team up to the podium.

Ms. S. Mechler: Good evening. Suzanne Mechler with CDM Smith and Mike Hoisington with Haskell, so, we're part of the joint venture.

To give you a quick update on design, I'm gonna focus on the.., what Nigel said regarding the permit set. So, we are planning to submit the GMP-5, which is the plant permit set by the end of this month, to the Building Department.

And so, we have been having coordination meetings regarding that. That is ongoing.

And then, the other items that we talked about, the GMP-6 and 7 are all just finishing design, combining the GMP development. So, those efforts are ongoing and should be resolved in the next couple months.

I did wanna give you a funding status update, 'cause I think this is the first time, or the first time I've talked to you since the priority listing meetings that happened in February. So, Riviera Beach was approved as part of that priority listing meeting. The amount that was listed was $242 million. If you remember, we submitted for the plant.

They didn't.., they have to approve this by year and there is a maximum limit that they can approve every year. But, for this year, they approved $30 million, with twenty percent of that

being allocated and it allowed for principal forgiveness based on the fact that this is considered meeting the larger financially disadvantaged community criteria.

So, we are working with Staff on developing the official application. That needs to be the next step. And that is due in June, so we are currently doing that effort. So, that is good news.

And then, we are.., we have resubmitted for the South Florida Water Management District Alternative Water Supply. If you remember last year, the governing board of the South Florida Water Management District approved the funding but, at the state level, they did not.

And so, we resubmitted for just the raw water transmission main, 'cause that's the next major milestone, GMP-6. Same process has to go again. We might not hear for a while but because we have everything in place to be eligible, we wanted to make sure and submit for that for consideration.

And, that will be a fifty/fifty cost share. That amount.., project value was $22 million.

So, those are the current funding status. And I'll let Hoisington give [inaudible].

Mr. M. Hoisington: I guess, any questions about the funding before Suzanne steps away?

[Chuckle]

Chairperson Lanier: What was the twenty percent?

Ms. S. Mechler: I'm sorry.

Excuse me?

Chairperson Lanier: What was the twenty percent?

Ms. S. Mechler: The twenty percent is associated with the State Revolving Fund principal forgiveness.

So, it's $30 million total, with twenty percent of that being principal forgiveness. So, $6 million.., the maximum of $6 million.

Chairperson Lanier: Okay.

Ms. S. Mechler: Okay?

Board Member Spiritis: Madam Chair?

Chairperson Lanier: Yes.

Go ahead.

Board Member Spiritis: Okay.

So, Suzanne, can you tell me the fifty/fifty funding? Can you.., can you go into greater detail on that?

Ms. S. Mechler: Yeah.

It's the South Florida Water Management District Alternative Water Supply funding, D'.., it's a DEP program but they allocate the money to the Water Management District. So, Water Management Districts do the selection and the criteria development. And then, the.., the governing board makes the recommendation

So, the $22 million is the project value, and that's associated with the GMP-6 that we talked about. And then, it's a maximum of fifty percent cost share. So, they could decide to give.., depending on the money they have, they could decide to give $5 million of the $22 million or $11 million of the $22 million.

We typically see them give anywhere between three and ten, I would say, is probably more on average cause they try to spread it. But again, it has to then also go to DEP for final approval in the state budget.

Board Member Spiritis: Okay.

Thank you.

Ms. S. Mechler: Mhmm.

Mr. M. Hoisington: So, I just wanna give an update on the.., the existing wells.

So, this is.., this is Well 1 that's currently on site. All the drilling process is complete. As you can see, the Brown Electrical Solutions has installed the underground conduits and it's ready for Lotts Construction to be able to come out there and form and pour the slab before Haskell comes in and installs the above ground piping.

So, this is GMP.., Well 2. The.., the grouting of the casing is complete and we're rolling into development phase. We're gonna remove the drilling fluids and also condition the well.

Florida Power & Light did actually recently install the pole mounted transformer for this Well site to be ready to power it up here in the near future.

Well 3, which is outside the.., one of the City buildings. They're remobilizing this well next month. The.., the casing's already installed. The site's been.., been stabilized and it's ready for the drill rig to mobilize to the site.

FAS-3, which is at Dan Calloway Park. Currently, right now, we're reaming for the seventeen inch PDC casing and we expect that to be complete mid-May. And then from there, it goes into pump development.

So, FAS-5, this one is complete. Right now, Brown Electrical Solutions is on site installing the underground conduit to prep for the control panels. And then, Lotts will also be mobilizing to this one to be able to complete the above ground improvements.

Well 6, this is at Dan Calloway Park also. The City had asked us to.., to relocate this well into a different location. So, we've been working with Terrence Bailey. We got approval on that

so, right now, we're.., we've provided [stammer] updated drawings so they can get the necessary permits.

And, actually, this week they were doing geotechnical borings on the site to make sure it's.., it's.., it's capable and there's no additional improvements required. But, they're gonna be mobilizing to this well, midnight.

And then, the two surficial wells. The acidization has been completed and it increased the yield by sixty percent at 2015A, and forty percent at 2015B. And, we're going into the surface improvements where Browns will mobilize here after they finish at FAS-5, all by Lotts Construction.

So, moving into the deep injection well. So, right now, we're reaming the thirty-four inch hole down to about twenty-two eighteen. We're in a hard layer. So, with a thirty-six inch bit we're.., we're only getting about twenty feet every twelve hours. But, that was envisioned so the team is on track.

And, after that, they're gonna grout in the thirty-four inch casing. And then, once that's complete, they're gonna mobilize another drill rig to be able to complete the dual zone monitoring well that's gonna monitor and make sure there's no up flow from the deep injection well.

Then, on the GMP-5, you can see we got.., we actually have done improvements at the existing water treatment plant. Josh has granted us access to build a new lay down because the site is so constrained.

So, we've been doing improvements out there at the existing water treatment plant, to be able to do lay down. I appreciate Josh is taking that on and.., and.., and assisting the JV.

And, additionally, we've been mobilizing addition trailers for both the JV, also the subcontractors, and Nigel and his team to be on site to assist us during construction.

So.., and, we are actively working on getting out the contract'.., the contracts and subcontracts to the.., the vendors, including the locals.

So, it's any questions or comments?

Board Member Spiritis: Madam Chair?

Chairperson Lanier: Yes.

Go ahead.

Board Member Spiritis: Mike, I don't.., I don't know if you or Josh can answer this but I think you said, Josh, out of the twenty-eight wells, eighteen wells have either been redrilled or rehabbed.

Is that correct?

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

Executive Director Niemann: Out of the twenty-eight existing wells, over the past six years, fourteen of the twenty-eight have been rehabbed.

Board Member Spiritis: Fourteen?

Executive Director Niemann: Yes, ma'am.

Yes, sir. I'm sorry.

Board Member Spiritis: Okay.

Thank you.

Chairperson Lanier: [Inaudible].

Mr. M. Hoisington: Thank you.

Chairperson Lanier: Mr. Niemann?

Executive Director Niemann: Madam Chair, at this time, may I please call David Schuman from GlobalTech, to provide an update on our well fields.

Mr. B. Selle: Good evening, Board. My name is Brandon from Globaltech. I'll keep this brief.

Starting off with one of the better rehabilitations. For Well 871, we recently got that back online, approved by the Department of Health. We gave it redevelopment efforts, using acidization and we've seen successful improvements, especially with over six hundred percent in terms of specific capacity improvement.

And, going from three hundred gallons per minute to fi'.., or, to eight hundred gallons per minute, providing the City with a lot of water.

For Well 802, we've completed mechanical rehabilitations, including piping and spools.

For Well 805, we've completed mechanical and concrete [stammer] rehabilitation around the well. And we are just waiting on modifying the isolation valve on that well.

For Well 852, we've done a partial spool piece and instrumentation modification for the well. Globaltech is currently coordinating with their.., our contractors, Centerline, the drillers, for the construction of the new monitoring well. And, we are currently in the permitting process.

And, for redevelopment.., we already have them scheduled to begin redevelopment efforts, just as we've seen in 871, for Wells 862, 801, and 802, those are scheduled to be repaired.

And, GlobalTech is currently working with EMMI, another contractor, to bring all Riviera Beach wells in compliance with the upcoming [stammer] Department of Health review for their sanitary survey.

Currently, we have dropped the pump decks for Well 922 and 861, and [stammer] un-quantifiably have provided more water for Riviera.

Any questions?

Chairperson Lanier: Any questions for GlobalTech, for our wells?

[Pause]

Chairperson Lanier: Thank you, sir.

Mr. B. Selle: Okay.

Thank you.

Chairperson Lanier: And lastly?

Executive Director Niemann: Ms.., Madam Chair, if I may, I'd like to invite Mike Miller from U.S. Water to the podium to give an update regarding U.S. Water and the existing water treatment plant.

Mr. M. Miller: Good evening, Madam Chair, Board, Mayor, and City Administration. My name's Mike Miller. I'm a consultant with U.S. Water Services.

We have approximately, I would say forty-five to sixty days remaining on the filters, that's.., that's barring any other issues that may come up. But, right now, that's our primary focus now, is to.., getting the filters.., getting the filters rehabilitated.

Chairperson Lanier: Hold on a second.

Audience, we cannot hear up here. Please be quiet in the audience while we have a presentation. It is very difficult for us to hear when there's talking in the audience.

Thank you very much.

Go ahead, sir.

Mr. M. Miller: Yes.

That.., but, that's.., other than the filters, we are working on a.., a thirty six inch valve for the return basins. Those are the two major projects and, based on the supply chain, and also operational priorities.., like I said earlier, we expect maybe forty-five, sixty days at the most. I think, at this point.

We should be completed with the filters and.., and the valve installation.

Chairperson Lanier: Very good.

Mr. M. Miller: Any questions?

Chairperson Lanier: Thank you.

Any questions for U.S. Water?

[Pause]

Chairperson Lanier: Thank you very much, sir.

Mr. M. Miller: Thank you, ma'am.

Chairperson Lanier: Madam Clerk, how many public comment cards do we have?

District Clerk Hall: Madam Chair, we have three public comment cards.

COMMENTS FROM THE PUBLIC – 5:45 P.M. – NON-AGENDA ITEM SPEAKERS (Three Minute Limitation)

Chairperson Lanier: Okay.

We're gonna go into our public comment first.

Chairperson Lanier: PUBLIC COMMENT SHALL BEGIN AT 5:45 UNLESS THERE IS NO FURTHER BUSINESS OF THE CITY COUNCIL, OR THE UTILITY DISTRICT WHICH, IN THAT EVENT, IT SHALL BEGIN SOONER. IF AN ITEM IS BEING CONSIDERED AT 5:45, THEN COMMENTS FROM THE PUBLIC SHALL BEGIN IMMEDIATELY AFTER THE ITEM HAS BEEN CONCLUDED.

PLEASE BE REMINDED, THE UTILITY DISTRICT BOARD HAS ADOPTED RULES OF DECORUM GOVERNING PUBLIC CONDUCT DURING OFFICIAL MEETINGS WHICH HAS BEEN POSTED HERE IN THE FRONT. IN AN EFFORT TO PRESERVE ORDER, IF ANY OF THE RULES ARE NOT ADHERED TO, THE UTILITY DISTRICT CHAIRPERSON MAY HAVE ANY DISRUPTIVE SPEAKER OR ATTENDEE REMOVED FROM THE PODIUM, FROM THE MEETING, AND/OR THE BUILDING, IF NECESSARY. PLEASE GOVERN YOURSELVES ACCORDINGLY.

Chairperson Lanier: Madam Clerk.

District Clerk Hall: Madam Chair, excuse me, we have four public comment cards.

The first speaker will be Lloyd Brown, followed by Rochelle Huges, and Annette Dragon.

Mr. L. Brown: How you doing? My name is Lloyd Brown. I guess you know it.

I haven't come up here to talk about nothing going on in the government, I just wanna know this, as far as the water bill. I wanna file a Freedom of Information Act to find out how do you people calculate the sewer flow?

And then, because see, if I'm gonna be paying $238 a month, at the end of the year I'm paying more than my electricity. Luck'.., lucky I don't have a mortgage. I asked the people about it in the Water Department and they act like, you know, they foot was stuck in their mouth.

And then, I asked the people over at the Utility place, they act like it was stuck in theirs too. I mean, you got people out here that are paying ridiculous bills. I mean, what is this Marina making that you can probably use to put on and help these people with their water bill.

You close.., you wanna close down the pool over there. You said it ain't making no money so I wanna file a Freedom of Information Act on how much you're making over here each month and how much you spent over there if you wanna [inaudible] at the water plant each month.

And, I want ya'll to come in here and explain to these people, or don't pay your bill, explain to these people how sewer is different than each individual house when it's only a flow? I mean, you can't even explain that. When you go to the gas station, you don't go there for the whole year but one time you get there, you'll see a man up there, he'll have that pump taken apart and he'll be calibrating it so when you go buy your gas, you know you're getting the right amount.

So, how can ya'll tell us that you're charging us the right amount when you're not even calibrating those meters?

You should take them out and calibrate them, when you don't even come around to even look at them. And then, the man that put mine in, I ain't.., I got leaks all on your side but that may affect my side. Who know? I'm not a genius or whatever. But, it may.

But, like I said, I worked out at Pratt and everything that we ran, that had to have a reading on it, a flow rate of something, if we were gonna charge the people who we were testing their stuff out there, whatever flow of fuel we got, we had to have that flow rate or whatever, calibrated.

If ya'll live in Riviera Beach, don't pay your water bill 'til they calibrate them meters, or they come around and check them out 'cause that's like you're making us pay something. Why don't you get.., what's.., what are you making in the Marina and I told you, I want a Freedom of Information Act on how much you're making on this place?

'Cause you're always talking about the pool didn't make no money, how much you making here and how much you spend here? 'Cause, you know what? Ya'll wanna spend enough money, you could send a couple of nuclear bombs over there 'cause that's three hundred and something million dollars for this and all that.

Come on, please. And then, the people in Riviera Beach, we gotta pay taxes, right? And, we can't even go over to the beach, under the bridge but we gotta help somebody nourish the beach where we can't even go.

And, eventually, we won't be able to come under the bridge. They already moved the tables. Ya'll ain't saying nothing. Honestly.

And then, the water bill, I want as Freedom of Information Act to find out how much we're getting charged on those…

[Timer]

Mr. L. Brown: Well, you know what I'm talking about.

Chairperson Lanier: Thank you, sir…

Mr. L. Brown: [Inaudible in audience].

Chairperson Lanier: …for your comments.

District Clerk Hall: The next speaker is Rochelle Hughes, followed by Annette Dragon, and Doretta Paullk.

Ms. R. Hughes: Good evening. My name is Rochelle Hughes. I live in Lone Pine.

I'm just here to actually give a shout out to one of the.., I'm not sure, actually, who he works for. So, to make this make sense. I was having an issue with my water bill. I needed to understand it.

I emailed Mr. Niemann and Mr. Sherman. And Mr. Gary Cochran came out to my house. I'm giving a shout out to Mr. Gary Cochran. He came out to help me understand my water bill and [stammer] how my usage was going up.

And, he showed me the.., the portal system that I didn't know anything about 'til he showed it to me and he.., he showed me how to use it and it was.., I'm just gonna say he was courteous, informative, helpful, and very insightful. And that's why I wanted to come up here.

I'm not sure who exactly his boss is, so I'm.., I'm complimenting under the Utility District, the Public Works, and the City in general, Gary Cochran. Shout out to him if he's watching.

He.., he was great. You guys have a wonderful employee in him.

Thank you.

Chairperson Lanier: Thank you for your comments.

District Clerk Hall: The next speaker is Annette Dragon, followed by Doretta Paulk.

Ms. A. Dragon: Hello everyone. Annette Dragon, Lone Pine.

I got a question. About six weeks ago, I went to the Water Utility District office to inquire about senior citizen help with the water bill. I filled out a form, I produced all the required supporting documentation for a fixed income and all that good stuff and I've heard nothing.

How long is this supposed to take? I'd love an answer to this question.

Thank you.

Chairperson Lanier: Thank you for your comments.

District Clerk Hall: The last speaker is Doretta Paulk.

Ms. D. Paulk: Good evening. My name is Doretta Paulk. And I'm a.., a resident of the City of Riviera Beach.

And, I just want to make several important comments that I, my neighbors, my friends, citizens of Riviera Beach are very concerned. They're very concerned concerning what's going on in our City, what going on, on the dais.

Now, Mr. Guyton, he.., he.., he brought up an amendment for bringing the TIF fund back. That's the very department we need every dollar in our Utility to get this water [stammer].., water plant built.

Now, I ha'.., was thinking, you know, and some of my neighbors and everything, why don't each one of you get pallets of water for all the citizens of Riviera Beach. Use some of that funds there.

I did talk to a couple of Councilpeople and I know Councilman Spiritis said he's giving his to a nonprofit, which is very good. But also, we can use some of that money as for water. So, you can go to different cities.., cities, community center, right there. And, you can go to [stammer] Cunningham Center, Wells Recreation.

You can have these deposits of water, different areas of the City. So, that's just a suggestion and why don't you all think about that? You know?

And, I think totally.., Mr. Evans has done a fantastic job getting all of these instruments of different areas that we need to improve because our City was filled with nothing.., Police Department, Fire Department, Library was full with nothing but mold, asbestos, fungus.

And, he has moved this City. Even with the water plant. This water plant should've been built over thirty years ago. It's not his fault. So, I just want you all to think about that.

And, I just wanna also.., these indictments, you know? Why don't we.., [stammer] if you.., why don't we talk about that? I don't know if you can legally talk about that, what's going on with that?

But, you know, this is.., I hope this City doesn't come in chaos. I really do. And, I think he has done a fantastic, phenomenal job. And let's give him the opportunity to go ahead and finish…

[Timer]

Ms. D. Paulk: …the total job.

And, I thank you very much.

Chairperson Lanier: Thank you for your comments.

District Clerk Hall: Madam.., Madam Chair, that is the end of public comment.

Chairperson Lanier: Let's go to our next Item.

Madam Clerk.

5. ITEM NO. 5

PUBLIC HEARINGS

6. ITEM NO. 6

ITEMS TABLED

7. ITEM NO. 7

REGULAR AGENDA

7a. ITEM NO. 7A

Item removed

7b. ITEM NO. 7B

District Clerk Hall: Madam Chair, we are on Item 7b.

District Clerk Hall: RESOLUTION NUMBER 14-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, APPROVING A PURCHASE ORDER IN THE AMOUNT OF $1,376,191.28 TO MURPHY PIPELINE CONTRACTORS USING THE APPROVED PIGGYBACK AGREEMENT WITH MURPHY PIPELINE CONTRACTORS FROM ACCOUNT NUMBER 41231104-563000,

REPAIRS AND MAINTENANCE ACCOUNT; AND AUTHORIZING THE UTILITY SPECIAL DISTRICT FINANCE DIRECTOR TO MAKE PAYMENTS FROM ACCOUNT NUMBER 41231104-563000 IN AN AMOUNT NOT TO EXCEED $1,376,191.28; AND PROVIDING AN EFFECTIVE DATE.

JOSHUA NIEMANN, UTILITY SPECIAL DISTRICT EXECUTIVE DIRECTOR, (561) 845-4053

District Clerk Hall: Madam Chair, we do not have comment cards on this item.

The acceptance of cards is closed.

Board Member Spiritis: So moved.

Board Member Davis Panier: Second.

Chairperson Lanier: Mr. Evans.

City Manager Evans: Madam Chair and Members of the Board, if I can have the Director of the Utility Special District, Mr. Joshua Niemann, to make this presentation.

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Go ahead.

Executive Director Niemann: So, the Item before you, 14-26 is for the replacement of approximately 3,000 linear feet of force main, ranging in size from six to four inches.

The location of these force mains are between West 30th Street and Lift Station 8, and Avenue P and Lift Station 32.

We got with Staff and after extensive review of some of the hot spots in the City, [stammer], the places where we've had multiple breaks and had Staff really spend a lotta time on, we've gone through and identified these two specific locations as needing to be replaced.

The technology that we'll re'.., using is pipe bursting and.., and that pipe bursting basically replaces the existing place in location in time, without really a huge distribut'.., disruption to the surrounding area.

Chairperson Lanier: Very good.

Any questions in regards to this Item?

[Pause]

Chairperson Lanier: Madam Clerk.

District Clerk Hall: Board Member Davis Panier?

Board Member Davis Panier: Yes.

District Clerk Hall: Vice Chair Miller-Anderson?

Vice Chair Miller-Anderson: Yes.

District Clerk Hall: Board Member Dr. Spirits?

Board Member Spiritis: Yes.

District Clerk Hall: Chairperson Lanier?

Chairperson Lanier: Yes.

District Clerk Hall: Unanimous vote.

Chairperson Lanier: Thank you.

Next Item.

7c. <u>ITEM NO. 7C</u>

District Clerk Hall: The next Item is Item 7c.

District Clerk Hall: RESOLUTION NUMBER 07-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, RETROACTIVELY APPROVING THE PURCHASE OF AN EMERGENCY STAND-BY GENERATOR BY EMERGENCY JUSTIFICATION IN AN AMOUNT NOT TO EXCEED $678,000.00 FROM TRIMAX POWER SYSTEMS, LLC. FROM ACCOUNT NUMBER 41131103-564000 CAPITAL - MACHINERY AND EQUIPMENT; AND AUTHORIZING THE UTILITY SPECIAL DISTRICT CHIEF FINANCIAL OFFICER TO MAKE PAYMENTS FROM ACCOUNT NUMBER 41131103-564000 CAPITAL - MACHINERY AND EQUIPMENT ACCOUNT; APPROVING A TRANSFER OF $678,000.00 FROM CONTINGENCY ACCOUNT NUMBER 41131101-559990 TO CAPITAL – MACHINERY AND EQUIPMENT ACCOUNT NUMBER 41131103-564000 FOR

PAYMENT OF AN EMERGENCY STAND-BY GENERATOR; AND PROVIDING AN EFFECTIVE DATE.

JOSHUA NIEMANN, UTILITY SPECIAL DISTRICT EXECUTIVE DIRECTOR, (561) 845-4051

District Clerk Hall: Madam Chair, we don't have comment cards on this Item.

The acceptance of cards is closed.

Board Member Spiritis: So moved.

Vice Chair Miller-Anderson: So moved.

Board Member Spiritis: Second.

Chairperson Lanier: Very good.

Mr. Evans.

City Manager Evans: Madam Chair and Members of the Board, if I can have the Director of the Utility Special District to make this presentation.

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

Executive Director Niemann: The Special Utility District has been renting this specific emergency generator since February of 2019.

Over the nine and a half months that I've been employed with the City, we've had multiple issues with this generator, so much so that there's been many weekends where United Rental was unable to dispatch staff and fix the generator, leaving us extremely vulnerable to systemwide boil water notices would we have.., should we have lost power during those times.

Because of that, we proactively started looking for a replacement generator. Last week, we started running our emergency generator in preparation for the large amount of rain that we were receiving in the City.

During that initial startup time, the generator failed again. After having United Rental come to the plant, look at the generator, we were told that it could not be fixed on site and they did not have one that could replace it.

Once that was done, we.., I worked with Mr. Evans and we were able to get this slightly used generator in place, ready for emergencies.

So, we're seeking retroactive approval for the purchase that we made of this generator. This specific generator has already been tested. We ran it this afternoon at the plant and it can be used, not only at the existing water plant, the future water plant, any USD locations, including all there of our repumps, any of our wells. And then, outside of that, any City facilities.

Chairperson Lanier: Any questions in regards to this Item?

[Pause]

Chairperson Lanier: I.., I do have some issues with this Item, Director Niemann.

You said that we were renting a generator for this purpose. I.., I think [stammer].., I don't like the fact that this was bought prior to a Board vote. It was brought prior to a procurement, and it was done on an emergency basis when, in fact, the generator itself was being rented.

And, to.., even if the one that was rented doesn't work, then you just give it back and get another one. That is a huge purchase. That is almost a million dollars. And, we spent almost a million dollars on a previous generation that did not even work.

So, I'm having some heartburn with this particular Item because it was.., it was brought to us retroactive, number one.

Number two, it's almost a million dollars.

And, number three, if there was an issue with trying to procure this, then that is the purpose of you having a rental, is that you bring the rental, or if it's messed up, then you get another rental.

But, I got some real heartburn with this, having been bought before it got to us, especially with something as much as this is. So, I'm really having [inaudible] issue with this. And, why is it that this was not brought to the Board before?

Why is it that it wasn't procured, meaning that we got three bids? We got the best price? And, I think the main thing for me is the fact that it was a rental that we had anyway. It wasn't something that we bought and we had to, you know, just get another one quickly.

So, I.., I'm really having some problems getting passed those items. Could you speak on those?

Executive Director Niemann: Yes, ma'am.

Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

Executive Director Niemann: So, as far as the rental generator, as I said, the rental generator that was originally rented was rented in February of 2019.

To date, the Utility has spent $2.3 million on a rental generator that has been sitting there month to month. The cost of that generator is $28,000 per month. In addition to that, because the generator's been unreliable, we've been in constant communication with United Rental.

They've been out there four different times since I've been employed to replace numerous parts.

Last week when the generator failed, we first reached out to United Rental and had them come to the plant and identify if they could fix it. Once they told us they could not fix it, we asked them to look throughout their inventory and.., to replace what was there in kind.

They told us that they did not have another generator that could replace the one that we currently have. At that point, we started looking for other options and that's where we landed.

To your point about why it's retroactive. Florida state statute requires that we have an emergency generator on site at all times. So, by having that generator, should we.., would we have had waited 'til now, we would've been out of compliance for that time period.

And, in addition, we would've been vulnerable to a boil water notice if we had lost power.

Chairperson Lanier: No.

I.., I understand that completely. What I don't [stammer]… What I do have a problem with is that what conditions qualified this as an emergency, given the fact that, as I said before, I can't get passed the fact that this was a rental.

And, if it was a problem with the rental, then you give it back or you get another one. But, to go and procure something, without a procurement process, without the procurement policy, to spend almost a million dollars and come back to us and ask us to approve it, is backwards. And, that's where I got the problem at with that.

Because, this is a huge ticket item. Giv'.., and the fact that we spent a million on one that doesn't even work. That's where I'm having heartburn here. And…

City Manager Evans: Ma'…

Chairperson Lanier: …to.., to go out and procure something without the approval of the Board, especially with something as big ticket item as this, and if it was an emergency, I mean, it was an emergency three months ago, it was an emergency four months ago.

We knew that we were on a rental. In fact, I think that we even instructed you to look into buying a generator because it was costing us so much per month to rent. So, that's the way that that should've gone.

It should've gone in the way of you procure it, it goes through the proper process, and then you come back to the Board for approval, given the fact that you are renting it anyway. And, I think that's where I have the problem at here.

Mayor Lawson: Madam…

City Manager Evans: Ma'…

Mayor Lawson: …Chair?

Chairperson Lanier: And then too, let me finish this, also too, this thought.

The thought that the generator that we did buy for a million, we can't use anywhere. And, I know that, Mr. Evans, you said that you were gonna try and use this for Parks & Recs but then Mr. Niemann tells me that they're gonna try and sell it.

So, I got.., I got two conflicting information, we got a generator for a million that doesn't work. We went and bought a generator and, my understanding is that it's used. So, what is that about? Why would you buy a used generator, up front, no procurement process, and we got one that we have already that doesn't even work?

So, I.., I got real problems with this.

Mr. Evans, go ahead.

City Manager Evans: Yeah.

Madam Chair, and.., and I'll defer the.., some of the questions to.., to Staff. When we.., when I did go through the emergency procurement process, it was predicated on we were having days of inclement weather and there were systems failures that were occurring with the generator that was rented.

And, just to provide clarity, the generator that was rented was the one that was having issues. The generator that was purchased is a completely different generator. And, the company, United Rentals, could not provide for another rental to provide the assuraties [sp] that we would not fall victim to having to issue a boil water notice.

So, with Procurement and conversations with the Utility District Director, our principal [stammer] concern was there was a stretch of a weekend, I think it was probably during Easter, that there was inclement weather and we were at a point where, invariably, we would have to have a [stammer] Citywide boil water notice for days if we didn't have the additional power on there.

So, Staff started sourcing and looking for alternatives and found this one that's about $679,000.

The other generator that we have can be utilized at other City facilities. It's just the way that it cycles power is different than the.., the generator that we just acquired. And, the generator that we just acquired, and.., and, Director Niemann, correct me if I'm wrong, is a, in essence, a.., a brand new generator.

It has little to no hours on that, and it provides for the redundancies and the capacities that we need in the event that there was an issue. So, that was predicated on the concern that during Easter weekend, you would have a situation where, if we had a system failure and we lost power, you would have to have a Citywide [stammer] boil water notice.

So, that was the impetus behind why we went in that particular direction.

Chairperson Lanier: And.., and.., and that is understable.

And, the issue for me is that we said this four months ago, five months ago, that we needed a new generator. And, to go and get a used generator for almost a million dollars, I got problems with that.

And number two, if it was a rental, I'm sure that there is more than one rental facility that will provide a generator. I don't know if that's the case but procurement, for me, is the issue. To buy something and then come back and say, we need to get this approved, I.., I don't like that happening.

It's just too much money to go out the door and then come back to get it approved.

Mayor Lawson: Madam Chair?

Chairperson Lanier: Yes.

Go ahead, sir.

Mayor Lawson: Thank you.

And, that was my question, Direct Niemann. What other alternatives were.., did you guys look at besides just purchasing a new generator? I know you said you looked at other options once [stammer] the generator went out.

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

And then too, to his question, if it were a brand new generator, I probably would have still some heartburn but it is not a brand new generator. And, that's where, I think, a lot of the issues are coming from too.

But, you can answer the Mayor's question.

Executive Director Niemann: Madam Chair, if I may?

To answer your question, Mayor, we looked and did not find any other rental contracts available, seeing that Untied Rental is one of the larger rental agencies for the two and a half kilowatt generator that was necessary.

But, speaking frankly, renting a generator anymore longer than we already had is a mistake. We are bleeding money out of the Utility…

Mayor Lawson: Madam Chair?

Reclaim my time.

Chairperson Lanier: Yes.

Go ahead.

Mayor Lawson: Director, I know we're bleeding money, that's why we gave direction five months ago.

So, I know that the conversation was to make sure that we had a generator that we could own instead of continuing to rent. So, to the Chair's point, this was a direction that we talked about.

So, waiting for it to actually break is.., I agree with the purchase process. It's the procurement process that I also have an issue with. And also, making that decision as Staff, prior to reviewing, the 2.5 is the generator that we had? The comparable ones that I see, did we reach out to Sunbelt Rentals? Hertz Rentals? Power Plus? Any of them for industrial size, 2.5? 'Cause they all have that capability providing that material.., that level of generator?

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

Executive Director Niemann: No, we did not.

Mayor Lawson: Okay.

So, to that point, before we procure a generator, which was given instructions, I guess the process is procurement process, allowing for a transparent government to allow for procurement of the process, and making that decision as Staff is also my concern.

I think we could've just rented a generator for another thirty, sixty, ninety days as it would've taken to procure another actual generator that we could purchase 'cause we don't know if that price point is comparable to what these other firms may have been able to provide 'cause we didn't go through a transparent procurement process.

So, I agree with Madam Chair when it comes to the.., the process of securing one but it was also a direction that we gave months ago to get it done.

There's so many different fires that we're putting out in the Utility District. So, that's why I understand that some of the things may have fallen by the wayside but this is something that we have to make sure we get ahead of.

So, those are my same concerns, Madam Chair.

Board Member Spiritis: Madam Chair?

Chairperson Lanier: Yes.

Go ahead, sir.

Board Member Spiritis: Okay.

So, Josh, can you tell me, how much will a brand new generator cost?

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

Executive Director Niemann: For the size of generator that we just purchased, anywhere from 1.2 to $1.5 million and a lead time of close to the eighteen months.

I.., I did wanna make one point of clarity. The reason we were able to get this generator to the plant so quickly is, we were proactively working on a mechanism to procure it. That's why the generator was able to arrive within hours of the power failure because we had already started conversations per the Board's direction, to get this moving.

Board Member Spiritis: Madam Chair?

Chairperson Lanier: Yes.

Go ahead.

Board Member Spiritis: Is there a warranty on this generator?

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

Executive Director Niemann: Yes, there is.

There is a one year, 1,000 hour warranty on the generator that's there.

Board Member Spiritis: Okay.

Madam Chair, follow up?

Chairperson Lanier: Yes.

Go ahead.

Board Member Spiritis: So, how long do you think this generator would last?

How many years?

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

Executive Director Niemann: With proper care and maintenance? Twenty years.

Board Member Spiritis: Twenty years.

So, Madam Chair, okay.

Chairperson Lanier: Yes.

Go ahead.

Board Member Spiritis: Alright.

So then, basically, after two years, approximately two years of having it, it will pay for itself based on the rental fees that we were paying and we'll have the generator for free from basically from that point on.

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead.

Executive Director Niemann: That is correct.

Based on my math, in twenty-three months it'll be paid off and we won't be paying payments in perpetuity.

Board Member Spiritis: Okay.

Thank you.

Chairperson Lanier: Thank you.

Any other questions in regards to this Item?

[Pause]

Chairperson Lanier: Madam Clerk.

District Clerk Hall: Madam Chair, please let the record reflect that Board Member Bruce Guyton is present.

Board Member Daivs Panier?

Board Member Davis Panier: Yes.

District Clerk Hall: Board Member Guyton?

Board Member Guyton: Yes.

District Clerk Hall: Vice Chair Miller-Anderson?

Vice Chair Miller-Anderson: Yes.

District Clerk Hall: Board Member Dr. Spiritis?

Board Member Spiritis: Yes.

District Clerk Hall: Chairperson Lanier?

Chairperson Lanier: No.

District Clerk Hall: That Item passes with Chairperson Lanier dissenting.

Chairperson Lanier: Very good.

We are at the end of our Agenda for the Utility District.

8. ITEM NO. 8

DISCUSSION AND DELIBERATION

Chairperson Lanier: Are there any questions or concerns from the Board or from the Staff?

9. ITEM NO. 9

CONFIRMATION OF DIRECTION

Item skipped

10. ITEM NO. 10

DISCUSSION BY CITY MANAGER/EXECUTIVE DIRECTOR

Executive Director Niemann: Madam Chair, if I may?

Chairperson Lanier: Yes.

Go ahead, sir.

Executive Director Niemann: I did want to make note to the Board, over the past two and a half months, we had one major force main break, and then two distribution water breaks over the Easter weekend.

And, I felt it appropriate to bring to the Board's attention the amazing work that both the distribution and the collection Staff did on all three of those breaks. I've had residents personally reach out to me on all three of those incidences, and tell us how professional our Staff is.

So, I thought it very important to bring that to your attention, that the great work that they're doing to.., to keep this Utility together.

Chairperson Lanier: Thank you very much.

11. ITEM NO. 11

DISCUSSION BY DISTRICT ATTORNEY

Item skipped

12. ITEM NO. 12

STATEMENTS BY THE MAYOR AND BOARD

Chairperson Lanier: Any other questions from the Board or Staff?

We will reconvene the City Council meeting in approximately ten minutes.

ADJOURNMENT

Chairperson Lanier: This meeting is adjourned.

[Gavel]

[End of video/audio]

City Employees, Public Speakers and Others

Brown and Caldwell Engineer – Nigel Grace.....Mr. N. Grace

CDM Smith Engineer – Suzanne Mechler.....Ms. S. Mechler

Haskell Group – Project Manager.....Mr. M. Hoisington
Michael Hoisington

GlobalTech – Engineering Director – Brandon Selle.....Mr. B. Selle

U.S. Water Services – Michael Miller.....Mr. M. Miller

Lloyd Brown.....Mr. L. Brown

Rochelle Hughes.....Ms. R. Hughes

Annette Dragon.....Ms. A. Dragon

Doretta Paulk.....Ms. D. Paulk

Riviera Beach - Utility Special District

To: Honorable Mayor, Chairperson, and Utility Special District Board

From: Debrah Hall, District Clerk

Through: William Wilkins, Interim City Manager

Subject: **May 20, 2026, Utility Special District Board of Directors Meeting Minutes.**

Date: July 14, 2026

CC:

Background:
Attached you will find the May 20, 2026, Utility Special District Board of Directors Meeting Minutes.

City Goals:
The Citywide Goal is to Enhance Government Stewardship.

Fiscal/Budget Impact:
There is no fiscal impact.

Recommendation:
Staff recommends a Motion to approve the May 20, 2026, Utility Special District Board of Directors Meeting Minutes.

Attachments:
1. May 20, 2026 Utility Special District Meeting Minutes.docx

UTILITY SPECIAL DISTRICT
BOARD OF DIRECTORS MEETING
May 20, 2026
5:30 p.m.

Chairperson

Shirley D. Lanier.....Chairperson Lanier
District 3

Vice Chair

KaShamba Miller-Anderson.....Chair Pro Tem Miller-Anderson
District 2

Board Members

Bruce Guyton .....Board Member Guyton
District 1

Glen Spiritis.....Board Member Spiritis
District 4

Fercella Davis Panier.....Board Member Davis Panier
District 5

Ex Officio Board Member

Douglas A. Lawson.....Mayor Lawson

Administration

William Wilkins– Interim City Manager

Debrah Hall –District Clerk

Dawn Wynn – District Attorney

Randy Sherman, CPA, CGFO, CTP, District Finance Director

Transcribed by:

Legal Transcription On Call
(561) 917-1636

[Before meeting comments]

Before meeting comments]
[Gavel]

CALL TO ORDER

Councilperson Lanier: Good afternoon. This is the City of Riviera Beach Utility Special District Meeting.

Today is May 20, 2026. The time is.., I'm not sure.., 6:07.

ROLL CALL

Councilperson Lanier: Madam Clerk.

I'm sorry. Five…

[Inaudible comment]

Councilperson Spiritis: 5:43.

Councilperson Lanier: Five forty…

5:45? I don't have a clock.

City Attorney Wynn: 5:43.

Councilperson Lanier: 5:43.

Madam Clerk.

City Clerk Hall: Chairperson Shirley Lanier?

Councilperson Lanier: Here.

City Clerk Hall: Vice Chair KaShamba Miller-Anderson?

Councilperson Miller-Anderson: : Present.

City Clerk Hall: Board Member Bruce Guyton?

Councilperson Guyton: Here.

City Clerk Hall: Board Member Glen Spiritis?

Councilperson Spiritis: Here.

City Clerk Hall: Board Member Fercella Davis Panier?

Councilperson Davis Panier: Here.

City Clerk Hall: *Ex officio* Board Member Mayor Douglas Lawson?

Mayor Lawson: Here.

City Clerk Hall: Interim City Manager William Wilkins?

Interim City Manager Wilkins: : Here.

City Clerk Hall: District Clerk Debrah Hall is present.

District Attorney Dawn Wynn?

City Attorney Wynn: Here.

City Clerk Hall: District Finance Director Randy Sherman?

Finance and Administrative Services Director Sherman: Here.

City Clerk Hall: Madam Chair, you have a quorum.

You may proceed.

Councilperson Lanier: Thank you.

INVOCATION

PLEDGE OF ALLEGIANCE

Councilperson Lanier: We will have a moment of silence, followed by the Pledge of Allegiance by our Vice Chair.

[Moment of silence]

Councilperson Miller-Anderson: I pledge allegiance…

All: …to the Flag of the United States of America, and to the Republic for which it stands, one nation under God, indivisible with liberty and justice for all.

AGENDA APPROVAL

ADDITIONS, DELETIONS, SUBSTITUTIONS

ADOPTION OF AGENDA

Councilperson Lanier: Do we have any additions, deletions, or substitutions for this Agenda, Utility District [stammer] Agenda this evening?

Councilperson Guyton: Yes.

Madam Chair?

Councilperson Lanier: Yes, sir.

Councilperson Guyton: I would like to move an Item up.

That Item is 4a, under awards and presentations.

Councilperson Miller-Anderson: It's under the Utility?

Councilperson Guyton: For the Utility District.

[Audio breaking up]

Councilperson Lanier: Alright, you wanna take that… Where?

After the Consent Agenda?

Councilperson Guyton: That'll be fine.

Councilperson Lanier: Very good.

We'll put 4a, Madam Clerk, under the Consent Agenda, right before unfinished business.

Councilperson Miller-Anderson: That's where it is.

[Inaudible comment]

Councilperson Lanier: It's actually... Yeah.

[Inaudible comment]

Councilperson Lanier: That's exactly where it is.

[Inaudible comment]

Councilperson Guyton: Oh, is it?

Councilperson Lanier: Yes, sir.

Councilperson Guyton: Okay.

We're good.

Councilperson Lanier: Any other additions, deletions, or substitutions for the Agenda this evening?

Interim City Manager Wilkins: Madam Chair?

Councilperson Spiritis: Chair?

Chairperson Lanier: Yes.

Interim City Manager Wilkins: Chairperson…

Councilperson Lanier: Go ahead, sir.

Councilperson Spiritis: I'd like to remove 2d.

Councilperson Lanier: I'm sorry?

Councilperson Spiritis: I would like to remove 2d.

Councilperson Lanier: 2d.

Unk.: Did you say remove?

Councilperson Lanier: To discuss?

Councilperson Spiritis: No.

I'd like to remove it from the Agenda.

Councilperson Lanier: Altogether?

Councilperson Spiritis: Yes.

Councilperson Miller-Anderson: I'm not in favor of that.

Councilperson Lanier: [Stammer].

There's a reason for it, sir?

Councilperson Spiritis: Madam Chair?

Chairperson Lanier: Yes.

Go ahead, sir.

Councilperson Spiritis: Okay.

We had a discussion during my briefing with Council and.., and the Deputy City Manager who advised us that the City Manager and the Deputy have been signing these documents time and time again.

So, there's no real need for it to be done.., transferred to someone else.

Councilperson Miller-Anderson: Madam Chair?

Chairperson Lanier: Yes.

Go ahead.

Councilperson Miller-Anderson: That would be why I would like…

Well, if anything, to pull it for a discussion so that we can all find out this information or, you know, what's the reason why…

Councilperson Lanier: Right.

Councilperson Miller-Anderson: …it's not necessary according to Dr. Spiritis.

So, if anything, I'll pull it from Consent and put it as Regular.

Councilperson Lanier: Okay.

We can pull that from Consent. I don't…

Councilperson Miller-Anderson: But I'm actually okay with it staying on Consent.

Councilperson Lanier: Okay.

We can keep.., we'll just pull it and then we can have a discussion about it.

Councilperson Miller-Anderson: Mhmm.

Councilperson Lanier: I don't…

Dr. Spiritis, I don't.., the information that you're saying, I don't know about that. So, I would like…

Councilperson Spiritis: Okay.

Councilperson Lanier: …to know more about it.

Councilperson Spiritis: Okay.

So, then you're gonna add it on after Consent Agenda?

Councilperson Lanier: Yes, sir.

Councilperson Spiritis: Okay.

Thank you.

Councilperson Guyton: I'm sorry.

Wait, wait, wait, wait. Is it being pulled or removed?

Councilperson Lanier: It's.., it's being pulled to…

Councilperson Guyton: Okay.

Councilperson Lanier: …discuss.

Councilperson Guyton: Alrighty.

Thank you.

Councilperson Lanier: Any other Item on the Consent Agenda…

I'm sorry. Any other Item in regards to additions, deletions, or substitutions?

Interim City Manager Wilkins: Madam Chairwoman?

Councilperson Lanier: Yes.

Interim City Manager Wilkins: We would like to pull Item 7a.

Councilperson Lanier: That is to pull it altogether?

Councilperson Miller-Anderson: Off the Agenda?

Interim City Manager Wilkins: [Inaudible].

City Attorney Wynn: Madam Chair?

Chairperson Lanier: Yes.

Go ahead.

City Attorney Wynn: We thought that we were going to pull this Item, however, the communications with the representative from [inaudible]...

Mayor Lawson: Your microphone.

City Attorney Wynn: I'm not on?

Mayor Lawson: No.

Councilperson Lanier: No.

City Attorney Wynn: Madam Chair?

Mayor Lawson: Push in.

Push in your microphone. It's not in.

Councilperson Lanier: There it is.

Well…

City Attorney Wynn: [Inaudible].

Councilperson Lanier: No, it's not.

Councilperson Guyton: [Stammer] just take her yours for now.

City Attorney Wynn: Thank you.

Councilperson Lanier: Yes.

City Attorney Wynn: In disc'.., we thought we were going to have to pull this Item, however, in discussion with Florida Power & Light, we received information that we thought we needed a contract, a surety bond, a letter of credit, and they have assured us, in writing, that we do not and, therefore, we can move forward with this Item.

Councilperson Guyton: Madam Chair?

Chairperson Lanier: Yes.

Go ahead.

Councilperson Guyton: There was another issue regarding potential damage to the, what you call it? The main… No.

City Attorney Wynn: That's not on this Agenda.

That's the Item that is being deleted from the.., from the Regular City Council Member…

Councilperson Guyton: Okay.

City Attorney Wynn: …Meeting Agenda.

Councilperson Guyton: Alrighty.

Thank you.

City Attorney Wynn: You're welcome.

Councilperson Miller-Anderson: Madam Chair?

Chairperson Lanier: Yes.

Go ahead.

Councilperson Miller-Anderson: I'd like to pull Item 2c.

Councilperson Lanier: 2c

Unk.: 2c.

Councilperson Lanier: Okay.

[Inaudible comment]

Councilperson Lanier: So that's 2b and 2c for discussion?

Councilperson Miller-Anderson: Yes.

Councilperson Lanier: Okay.

Any other additions, deletions, or substitutions for this Agenda this evening?

[Pause]

Councilperson Lanier: Hearing none.

DISCLOSURES

*Item skipped***

ADOPTION OF AGENDA

Councilperson Lanier: A motion to adopt the Agenda as amended.

Councilperson Spiritis: So moved.

Councilperson Guyton: Second.

Councilperson Lanier: Madam Clerk.

City Clerk Hall: Board Member Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Vice Chair Miller-Anderson?

Councilperson Miller-Anderson: Yes.

City Clerk Hall: Board Member Dr. Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: Chairperson Lanier?

Councilperson Lanier: Yes.

City Clerk Hall: Unanimous vote.

Councilperson Lanier: Thank you.

I forgot to ask about any disclosures from the Mayor or Council in regards to any of the Items listed on this Agenda this evening?

[Pause]

Councilperson Lanier: Thank you.

CONSENT AGENDA

Councilperson Lanier: We are at our Consent Agenda.

Councilperson Lanier: ALL MATTERS LISTED UNDER THIS ITEM ARE CONSIDERED TO BE ROUTINE AND ACTION WILL BE TAKEN BY ONE MOTION. THERE WILL BE NO SEPARATE DISCUSSION OF THISE ITEMS UNLESS A COUNCILPERSON SO REQUESTS, IN WHICH EVENT, THE ITEM WILL BE REMOVED FROM THE GENERAL ORDER OF BUSINESS AND CONSIDERED IN ITS NORMAL SEQUENCE ON THE AGENDA.

1. ITEM NO. 1

MINUTES

1a. ITEM NO. 1A

JANUARY 22, 2026, UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS MEETING MINUTES.

DEBRAH HALL, DISTRICT CLERK, (561) 845-4090

1b. ITEM NO. 1B

FEBRUARY 5, 2026, SPECIAL UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS MEETING MINUTES.

DEBRAH HALL, DISTRICT CLERK, (561) 845-4090

1c. ITEM NO. 1C

MARCH 18, 2026, UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS MEETING MINUTES.

DEBRAH HALL, DISTRICT CLERK, (561) 845-4090

2. ITEM NO. 2

RESOLUTIONS

2a. ITEM NO. 2A

RESOLUTION NUMBER 19-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, RETROACTIVELY APPROVING THE REPAIR OF 2010 AVE G WASTEWATER COLLECTIONS FORCE MAIN BY JOHNSON-DAVIS, INC., IN ACCORDANCE TO LAKE WORTH BEACH PIGGYBACK CONTRACT IFB#25-105 FOR WASTEWATER AND I.Q. WATER GENERAL CONSTRUCTION SERVICES AND EMERGENCY/ON-CALL REPAIR SERVICES IN AN AMOUNT NOT TO EXCEED $88,113.67 FROM ACCOUNT NUMBER 41131101-559990, EMERGENCY REPAIR; AND AUTHORIZING THE UTILITY SPECIAL DISTRICT FINANCE DIRECTOR TO MAKE PAYMENTS FROM ACCOUNT NUMBER 41131101-559990 IN AN AMOUNT NOT TO EXCEED $88,113.67; AND PROVIDING AN EFFECTIVE DATE.

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845- 4053

2b. ITEM NO. 2B

RESOLUTION NUMBER 23-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, APPROVING THE REPAIRS AND MAINTENANCE OF INLINE INSTRUMENTATION FROM ICC SYSTEMS IN AN AMOUNT NOT TO EXCEED $37,400.00 FROM THE WATER TREATMENT REPAIR AND MAINTENANCE ACCOUNT NUMBER 41131103-546000, REPAIR AND MAINTENANCE OF INLINE INSTRUMENTATION FOR THE WATER TREATMENT PLANT; AND AUTHORIZING THE UTILITY SPECIAL DISTRICT FINANCE DIRECTOR TO MAKE PAYMENTS FROM THE WATER TREATMENT REPAIR AND MAINTENANCE ACCOUNT NUMBER 41131103-546000 IN AN AMOUNT NOT TO EXCEED $37,400.00; AND PROVIDING AN EFFECTIVE DATE.

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845- 4185

Councilperson Lanier: Motion to approve the Consent Agenda with the two Items removed?

Councilperson Spiritis: So moved.

Councilperson Guyton: Second.

Councilperson Lanier: Madam Clerk.

City Clerk Hall: Board Member Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Vice Chair Miller-Anderson?

Councilperson Miller-Anderson: Yes.

City Clerk Hall: Board Member Dr. Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: Chairperson Lanier?

Councilperson Lanier: Yes.

City Clerk Hall: That's a unanimous vote.

Councilperson Lanier: Our next Item, Madam Clerk.

END OF CONSENT AGENDA

City Clerk Hall: Madam Chair, we are on Item 2c.

Resolution number 24-26ud: a Resolution of the Board of Directors of the City of Riviera Beach Utility Special District, Palm Beach County, Florida, approving a proposal for gravity sewer main lining in the alley west of Broadway from west 20th street to west 24th street from Hinterland Group Inc. In an amount not to exceed $368,578.25 from the USD wastewater

renewal and replacement project number 23035, account number 41231104-563000, sewer main line for the sanitary sewer collection system; and authorizing the utility special district finance director to make payments from the USD wastewater system renewal and replacement project number 23035, account number 41231104-563000, in an amount not to exceed $368,578.25; and providing an effective date.

Madam Chair, we do not have comment cards on this Item.

The acceptance of cards is closed.

Councilperson Guyton: Madam Chair?

Councilperson Lanier: Yes.

Councilperson Guyton: Question.

I pulled a Consent Item that was supposed to be… I mean… Yeah. I.., I moved an Item up right under the Consent Agenda. And, it was my expectation and thought that it was gonna be the first Item addressed after the Consent Agenda.

Councilperson Lanier: We are still on the Consent Agenda.

Councilperson Guyton: I'm sorry?

Councilperson Lanier: We are still on the Consent Agenda.

Councilperson Guyton: But these Items were pulled from the Consent.

Councilperson Lanier: Okay.

Councilperson Spiritis: Right.

For.., for discussion, Madam Chair.

Councilperson Lanier: I'm sorry?

Councilperson Spiritis: They were.., they were moved from the Consent Agenda and moved to the Regular Agenda for discussion.

Councilperson Guyton: Yes.

Councilperson Miller-Anderson: Madam Chair?

Councilperson Lanier: I…

I'm sorry. Go ahead.

Councilperson Miller-Anderson: Normally, when we pull it, whatever we pulled, those are done first, and then go to the next Item.

So, 2c and 2d come before the 4a.

Councilperson Guyton: I…

Madam Chair?

Councilperson Lanier: Yes.

Go ahead.

Councilperson Guyton: Yeah.

I know we have been accustomed to doing things a certain way.

Councilperson Miller-Anderson: I mean, 2 comes before 'd'.., 4, so.

Councilperson Guyton: Yes.

But, my request was to deal with that one first, right after the Consent Agenda. And, if it's pulled from the Consent, it's no longer on the Consent then.

Councilperson Miller-Anderson: I don't have a problem.

I don't care.

Councilperson Guyton: Okay.

Councilperson Miller-Anderson: [Inaudible].

Councilperson Guyton: I'd like to deal with 4a.

Councilperson Lanier: Alright.

Just.., let's.., let's back up. So, we have 2b that is on the floor so we.., we don't have a motion or a second for that one, so we'll move.., take 2b and 2c and move to 4a?

Is that correct?

Councilperson Guyton: Yes.

Councilperson Lanier: Alright.

Very good.

Madam Clerk, let's move to 4a, please.

4. ITEM NO. 4

AWARDS AND PRESENTATIONS

4a. ITEM NO. 4A

City Clerk Hall: Madam Chair, Item 4a.

City Clerk Hall: **ELECTION OF A CHAIRPERSON AND VICE-CHAIRPERSON FOR THE UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS IN ACCORDANCE WITH SECTION 3.03 OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT'S CHARTER.**

DEBRAH HALL, DISTRICT CLERK, (561) 845-4090

City Clerk Hall: Madam Chair?

Chairperson Lanier: Yes.

Go ahead.

City Clerk Hall: At this time, the floor is open for nominations for Chairperson of the Utility Special District Board of Directors.

Councilperson Guyton: Madam Chair?

Chairperson Lanier: Yes.

Go ahead.

Councilperson Guyton: I nominate Dr. Glen Spiritis to be the Chair of the Utility District.

Councilperson Lanier: I would like to nominate Commissioner KaShamba Miller-Anderson for the Chair of the Utility District.

City Clerk Hall: Are there anymore nominations?

[Pause]

City Clerk Hall: The floor is now closed for nominations for the Chairperson of the Utility Special District Board of Directors.

At this time, the first nomination was for Board Member Dr. Glen Spiritis. I will call the names in alphabetical order.

Board Member Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: No.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: No.

City Clerk Hall: Board Member Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: That Item passes with Board Members Lanier and Miller-Anderson dissenting.

So, at this time, Board Member Spiritis is now the Chairperson of the Utility Special District Board of Directors. And, he will receive the gavel and open the floor for nominations for Vice Chairperson of the Utility Special District Board of Directors.

Councilperson Lanier: Um. Okay. [Inaudible]. Very good.

[Pause]

Councilperson Spiritis: Thanks.

Okay. Are there any nominations for Vice Chair of the Special Utility District Board?

Councilperson Guyton: Yes.

Mr. Chair, I would like to nominate Ms. Fercella Davis Panier.

Councilperson Lanier: I would also like to nominate Vice Chair Commissioner Miller-Anderson.

[Pause]

City Clerk Hall: Are there any other nominations?

[Pause]

Councilperson Guyton: No.

The floor's closed.

City Clerk Hall: Mr. Chair, can you close the floor…

Councilperson Spiritis: They're closed.

City Clerk Hall: …for nominations?

Councilperson Spiritis: Congratulations to…

City Clerk Hall: We.., we…

Councilperson Guyton: We.., we have to…

City Clerk Hall: …have to take a vote.

Councilperson Guyton: …take a vote.

Councilperson Spiritis: Right. Right. [Inaudible].

City Clerk Hall: We have two nominees.

[Chuckle]

Councilperson Spiritis: Right.

There's no other… Was there a second nominee?

Councilperson Davis Panier: Yes.

Councilperson Spiritis: I didn't hear KaShamba's…

[Inaudible comments]

Councilperson Spiritis: …name come up.

Did KaShamba's…

City Clerk Hall: We will take the vote.

Councilperson Spiritis: …name come up?

City Clerk Hall: The first will be for Board Member Fercella Davis Panier.

I will call in alphabetical order.

Board Member Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: No.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: No.

City Clerk Hall: Chairperson Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: So, that passes with Board Members Miller-Anderson and Lanier dissenting.

So, Fercella Davis Panier is the Vice Chairperson for the Utility Special District Board of Directors.

[Applause]

Councilperson Spiritis: Okay.

So, we'll go to… We pulled 7a. We'll have discussion…

City Clerk Hall: Mr. Chair?

Councilperson Spiritis: Well, we'll have the Consent Agenda.

City Clerk Hall: Right.

We still…

Councilperson Spiritis: [Inaudible] motion.

City Clerk Hall: …have to do…

Councilperson Spiritis: Right.

City Clerk Hall: …Item…

Councilperson Spiritis: Right.

City Clerk Hall: …2c and 2d.

They were pulled.

Councilperson Spiritis: Right.

They were pulled. So…

City Clerk Hall: Okay.

Councilperson Spiritis: …we're gonna…

We need.., we're gonna do the Consent Agenda now?

City Clerk Hall: Yes.

2c. <u>ITEM NO. 2C</u>

City Clerk Hall: We'll do Item 2c.

Councilperson Spiritis: Okay.

City Clerk Hall: Which is…

City Clerk Hall: **RESOLUTION NUMBER 24-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, APPROVING A PROPOSAL FOR GRAVITY SEWER MAIN LINING IN THE ALLEY WEST OF BROADWAY FROM WEST 20TH STREET TO WEST 24TH STREET FROM HINTERLAND GROUP INC. IN AN AMOUNT NOT TO EXCEED $368,578.25 FROM THE USD WASTEWATER SYSTEM RENEWAL AND REPLACEMENT PROJECT NUMBER 23035, ACCOUNT NUMBER 41231104-563000, SEWER MAIN LINE FOR THE SANITARY SEWER COLLECTION SYSTEM; AND AUTHORIZING THE UTILITY SPECIAL DISTRICT FINANCE DIRECTOR TO MAKE PAYMENTS FROM THE USD WASTEWATER SYSTEM RENEWAL AND REPLACEMENT PROJECT NUMBER 23035, ACCOUNT NUMBER 41231104-563000, IN AN AMOUNT NOT TO EXCEED $368,578.25; AND PROVIDING AN EFFECTIVE DATE.**

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845- 4185

City Clerk Hall: Mr. Chair, there are no comment cards for this Item.

The acceptance of the cards are closed.

Councilperson Guyton: So moved.

Councilperson Davis Panier: Second.

Councilperson Spiritis: Roll call.

Call the vote, please.

City Clerk Hall: I didn't hear you.

I apologize.

Councilperson Spiritis: It.., it was…

Councilperson Guyton: I think there…

Councilperson Spiritis: The motion…

Councilperson Guyton: …would be discussion.

Councilperson Spiritis: …was made by Councilman Guyton.., by Board Member Guyton…

Councilperson Guyton: Yeah.

Councilperson Spiritis: …and seconded by Davis Panier.

City Clerk Hall: Yes.

I have that. Thank you. Mr. Gallant.

Interim Executive Director Gallant: Mr. Chair, if I may?

So, this Item is a Resolution to line the gravity sewer on the [stammer] in the alleyway, behind Broadway, west of Broadway, from West 24th Street to West 20th Street. The existing sewer line was installed in 1964 when all of the other sewers were installed and no rehabilitation has taken place since.

I have personally inspected this line and it is beginning to enter a failing state and by renew.., by renewing this line through a lining process is a nondestructive method to rehabilitate the line and add another fifty to sixty years of life to this major gravity sewer main, that takes most of the sewer from Avenue E East to the intracoastal waterway.

Councilperson Spiritis: Any questions from the Board?

Councilperson Lanier: Yeah.

I.., was it… Who was it.., who pulled it?

Unk.: [Inaudible].

Councilperson Lanier: You had questions about it?

Councilperson Spiritis: Guyton moved it and Panier seconded it.

Councilperson Lanier: No, no.

I was saying that it was pulled.

Councilperson Guyton: Removed it…

Councilperson Lanier: I wanted to know…

Councilperson Guyton: …from the…

Councilperson Lanier: …why it was pulled, who had questions about it?

Councilperson Spiritis: KaShamba Miller pulled it.

Councilperson Miller-Anderson: Miller-Anderson.

Councilperson Spiritis: Miller-Anderson.

Councilperson Miller-Anderson: Thank you.

Yeah. I mean, I.., I didn't ask for any questions so you go ahead.

Councilperson Lanier: Okay.

Councilperson Miller-Anderson: I just wanted it pulled.

Councilperson Lanier: Okay. Got you.

Councilperson Miller-Anderson: So that he can…

Councilperson Spiritis: So, so…

Councilperson Miller-Anderson: …present it.

Councilperson Spiritis: I have…

If there are no other questions, I have a question, Director.., Assistant Director Gallant. This is $364,000 for how long.., how.., how many feet are we talking about, of pipe here?

Interim Executive Director Gallant: I don't have that number off the top of my head but it's from West 24th Street to West 20th Street, so it encompasses five blocks.

Councilperson Spiritis: Right.

And.., and you've been looking at the I&I? We had an I&I study done recently, right, for all the pipes in the City?

Interim Executive Director Gallant: Yes.

Councilperson Spiritis: Right.

So, this is just the beginning?

Interim Executive Director Gallant: Absolutely.

Councilperson Spiritis: And this is $368,000 for just a small amount of work that has to be done.

Interim Executive Director Gallant: Correct..

Councilperson Spiritis: So, we're probably talking about hundreds of millions of dollars' worth of work that has to be done in the City…

Councilperson Lanier: [Stammer]…

Councilperson Spiritis: …as far as the transmission lines.

Is that correct?

So, this is just one.., one.., the tip of the iceberg? Is that what we're talking about right now?

Interim Executive Director Gallant: Yes, sir.

This is.., right now, we're tackling the worst areas, which, unfortunately, most of the City's sanitary sewer system was installed in the 1963-'64 era and very little work has been done to it since.

So, yeah. This is part of the start of this process, going through all the neighborhoods and doing this work. And you're right, it's gonna be.., I don't.., I can't give you an exact figure but it's gonna be in the millions.

Councilperson Lanier: Chair?

Councilperson Spiritis: Yes.

Councilperson Lanier: I thought we were on 2b.

No?

Councilperson Spiritis: No.

We were on…

Councilperson Miller-Anderson: 2c.

Councilperson Lanier: 2c?

Councilperson Spiritis: …2c.

Councilperson Lanier: Okay.

Councilperson Spiritis: Next…

Councilperson Lanier: So we…

Councilperson Spiritis: …will be.., next will be 2d.

Councilperson Lanier: Oh, it was D not B.

Councilperson Spiritis: Right.

Councilperson Lanier: I got you.

Mayor Lawson: Mr. Chair?

Councilperson Spiritis: Yes.

Mayor.

Mayor Lawson: Thank you.

Either City Manager or Interim Director, can we bring a estimate to the next UD meeting of what the total cost would be for replacing these waste mains across the City?

Also, the total number… And, as Board Member Spiritis mentioned, the total cost of what it would be for all the streets that need to be done, and a worst to first study, or something to showcase where we're gonna start and where we're gonna complete this project?

We've done it with our roads but we need to just have an estimate of what the total cost is gonna be across the U'.., UD District.

Interim Executive Director Gallant: I will work on that.

Mayor Lawson: Thank you, sir.

Councilperson Spiritis: Right.

And, Assistant Director, [stammer].., I.., I know that you're gonna be working on, like, a five year plan.

Interim Executive Director Gallant: Yes, sir.

Councilperson Spiritis: Based.., cause clearly we can't do this in one year.

This is gonna be a multiyear process.

Interim Executive Director Gallant: Yes, sir.

Councilperson Spiritis: So, if you can maybe come up with some guesstimates what we should be doing for the next two years, 'cause we are getting into budget time right now.

I don't know.., we have the Finance Director here?

[Pause]

Councilperson Spiritis: Okay. Okay.

Councilperson Davis Panier: Mr. Chair?

While you're waiting for him…

Councilperson Spiritis: Yes.

Councilperson Davis Panier: …can I ask a question?

Councilperson Spiritis: Sure.

Councilperson Davis Panier: When you send that information to us, can you also let us know how you're prioritizing, you know, where you're going to work first?

Interim Executive Director Gallant: I can work.., I can work on that.

Right now, I know there's some data, which I have been trying to you know, recover and.., and find. And, we do have a study that was done and in the next month or so, we're gonna be bringing more lining work, some on Singer Island, some of it's off of.., between 30th and 35th, between S and T.

Just some out in the west roads, that was done in the study that was released in November of 2025. I'll have that information, hopefully, next month. And then, you know, from there, we gotta.., we still have to do a study.

We just got our camera truck back three weeks ago. They were.., they were doing assessments of other areas but that's what their primary goal is gonna be, is to go through the entire City, determine what the worst areas are gonna be.

That's why I said, I'll work on trying to get something back by next month, comprehensive of the entire City but that might be a.., a big ask to try to [stammer] do the entire City in a month.

Councilperson Davis Panier: Okay.

Councilperson Spiritis: Alright.

Councilperson Davis Panier: Thank you.

Councilperson Spiritis: Direct Sherman?

Finance and Administrative Services Director Sherman: Yes.

Councilperson Spiritis: I.., I think we had a discussion the other day and you told me that the Utility District basically reached its bonding limit?

Finance and Administrative Services Director Sherman: So, when we did the rates and you adopted the rates [inaudible], it was based on issuing $400 million worth of bonds for the water treatment plant.

So, right now, we've.., we're exceeding that, based on some of the approvals that you have so we're trying to work that financing to get it still within the same rates that was structured that we have.

But yes, in.., in essence, you're at your bonding capacity.

Councilperson Spiritis: Right.

So.., so, my question is, you know, we're.., we're about to spend $368,000 on a very minor part of the amount of work that needs to be done in the City.

How would we finance this if we reached our bonding limit?

Finance and Administrative Services Director Sherman: So, if.., if there's a project, since this is a 2023 project...

Councilperson Spiritis: Mhmm.

Finance and Administrative Services Director Sherman: ...that's all funded.

So, we.., we don't need bond money to fund these projects. All those projects, going back two, three, four years are all funded. So, we did have some prior bonds that are still funding a couple of projects.

And then, we have the impact fees for the Utility, and then, we have our annual renewal and replacement account.

Councilperson Spiritis: So, from what I can tell, what you're saying is, without the impact fees, we're gonna have a problem? With funding these projects?

'Cause we have hundreds of millions of dollars that we're gonna have to spend.

Finance and Administrative Services Director Sherman: Well, we've been using some of the impact fees to prefund.

If you recall, when we did, I'm gonna say GMP-2, but I could be wrong, we actually used some impact fees on that to kinda prefund it. But no, we.., we don't necessarily rely on the impact fees for the capital projects because, up to this point, it's been fairly low activity and low numbers.

What we've talked about going forward is, again impact fees can be used for debt service. So, if we do get some, you know, larger impact fee numbers, we would actually prefer to use it to buy down the debt.

Councilperson Spiritis: Right.

But, Mr. Sherman, my.., my concern is that we were.., we increased the.., the impacts fees and we increased the water hookup fees to help stabilize the water fees themselves to the public.

So, if we have to actually use that money for other purposes, how are we gonna be stabilizing the water fees?

Finance and Administrative Services Director Sherman: So.., so part of.., part of what we're looking at.., you know, we're looking at a.., still a couple of different varieties on how we're gonna fund these projects.

And I just wanna try to be clear, when we talk impact fees with the Utility, and you talk water capital fees, it's really the same thing..,

Councilperson Spiritis: Right.

Finance and Administrative Services Director Sherman: …for us. Okay?

So, those are.., really are the hookup fees. So again, we wanna be able to take those hookup fees and use those dollars to buy down the debt at the end of the day. We are looking, at this point, of sort of three components to the financing, and it will actually be coming to you.., and, I know.., I believe Suzanne Mechler is gonna address part of this when.., when she speaks but we're bringing the.., some items to you in June for the SRF and for the.., the regular debt.

Because, it.., it's time, now that we have GMP 5 and 6, it's time to get to the market and, you know, and bring these dollars in. You know, we're.., we're monitoring the rates every day. We got some good numbers today on the.., on the.., the index that we're planning on using. It dropped almost seventy basis points from last week, so that's some good news for us.

But again, it's going to be, you know, [stammer], certainly a capital stack that we have to try to put together to stay within the debt service of $400 million, when we're really borrowing $440 million.

The SRF.., the SRF, what they've offered us is.., is.., is huge. You know, [stammer]. Just to give you a preview, you know, they've talked about $242 million at reduced rates. The first set of rates are at 1.87 percent.

So again, that's.., that's huge to be able to make up that difference of the extra ten percent in costs that we're looking at.

Councilperson Spiritis: Right.

When we get twenty percent, we're gonna get about a twenty percent grant from that as well, right?

District Finance Director Sherman: So, on the first $30 million, they've given us about five and a half million dollars of forgiveness. And that's all.

And, I've had this talk, this discussion with Mr. Wilkins, if there's one thing that you all could really do to help, we have another $30 million that'll probably be coming in August, you know, be kind of awarded in August, with no forgiveness.

They've talked about no forgiveness on that. Anything you can do to pound the table, walk the sidewalks [chuckle], make the phone calls, you know, Staff is kind of given the.., the line, you know, 'no more forgiveness.'

And, you know, maybe they'll be some down the line, maybe there won't be some down the line but any pressure, you know, get Mr. Pittman involved. You know, make those phone calls. Because, that's.., that's, to be true, is.., is where the real money is.

I mean, the interest rate is great, don't get me wrong on that, $242 million is outstanding but if we could get some more loan, you know, debt forgiveness, that would.., that would really push this over the top for us.

Councilperson Spiritis: Alright.

But still, my main concern, of course, is that we were expecting these impact fees in this development to stabilize the water fees and I don't think that that's actually gonna happen because we have so many capital projects that we're gonna have to do, I don't know how we're gonna be able to keep that stable.

District Finance Director Sherman: Well, part…

When.., when we've came up with the $400 million, at that point, the plant was estimated at about three fifty-eight.., three fifty-nine, somewhere in there and we had $40 million of other projects in there.

Primarily, you know, if.., if you wanna kinda boil it down to [inaudible] The Crossings over to Singer Island and back, those are $20 million plus projects. So, we have included those in. So now, when we're looking at $440 million, we still have $40 million of other projects.

The plant's gone up to the $400 million, and then, we still have the forty which is why we're looking at four forty now.

So, there is some borrowing in there for other projects. And then, the other thing I would point out is, you know, we are required to have sufficient revenues that equal a hundred and twenty percent of our debt service every year.

So, when debt service every year is close to $30 million, on $440 million, that extra twenty percent that we're required to have every year, is now available for capital. You know, that flows down into our capital program and then we reappropriate it and, you know, and it goes out and funds capital projects.

Councilperson Spiritis: So, are you gonna come back to us when we start getting into the budget and giving us some guesstimates?

'Cause, I know that with some of these bonds, we're able to kick the can down the road, right? We can put them off for a couple years before we start paying, which would give us the ability to use our actual budget to do some of these projects.

District Finance Director Sherman: Yeah.

Councilperson Spiritis: So, you're gonna.., are you gonna come up with an analysis with the Executive Director and the City Manager for us on that?

District Finance Director Sherman: Yeah.

So we.., we had a big capital meeting back in March because we needed to get that to make sure.., so the financial feasibility report could be signed off for us to be able to take it to the rating agencies.

And, in essence, what that report says is, here's a list of the capital projects. They have sufficient dollars to do this. He has to sign off to that, or else you don't get.., you know, you don't get any financing. So, that's already done.

Now, in speaking with Mr. Gallant, he wants to go back through some of those capital pr.., you know, he's revisiting the capital projects, which is fine. But, we will be bringing you, again, a new five year capital plan with.., with the funding come during the budget process. Yes.

Councilperson Spiritis: Okay.

Thank you.

District Finance Director Sherman: You're welcome.

Councilperson Spiritis: Any other questions from the Board?

Interim City Manager Wilkins: Mr. Chairman?

Councilperson Spiritis: Yes.

Interim City Manager Wilkins: The.., the questions you asked are extremely important.

And, we need to have all the Council Members on the same information level. Dr. Spiritis, you.., you're familiar with this stuff, you've dealt with it. We intend to come back with a comprehensive financial presentation to you because we have the same issues on the City side as you're considering here on the District side.

So, our goal is to familiarize all of the elected officials with what those prospects are with projects we need to be prepared to fund, where we're gonna get the money from and so forth. So,

I don't know whether we'll do it within the budget process or outside the budget process but we'll have a session specifically designed to address those issues and inform all of you.

So, as you make future policy decisions, you'll have the appropriate information to.., to work from.

Councilperson Spiritis: Thank you, City Manager Wilkins.

That.., that's gonna be very helpful, I think, for all of us, when we get to budget time. Which his pretty close right now.

Thank you.

Any other questions from the Board?

Councilperson Miller-Anderson: Madam Ch'.., Mr. Chair?

Councilperson Spiritis: Yes.

Councilperson Miller-Anderson: The.., how was this particular easement or area selected?

Interim Executive Director Gallant: This area was selected because we were starting to have issues in the alleyway with potholes, other problems with the roadway.

We did an inspection of the actual gravity sewer and found there are parts of it that were failing. There was a lot.., a lot of sediment in the [inaudible] of the line, coming from above. We checked the.., the wall thickness of the pipe and, typically, your RCP, which is reenforced concrete pipe, is usually about three inches thick. This pipe is, over time, has worn and it's.., it's starting to thin.

So, it's just.., it's to a point.., it's at a dangerous level right now, to where [stammer] a failure is…

Councilperson Miller-Anderson: So, this particular area was the worst out of all of that area over there?

‘Cause I know there’s been potholes in a number of areas over there and I understood that because that was one of the.., one of the original areas that was built pretty much first. And so, all of that, it’s.., every time you turn around there’s potholes coming.

And, they.., they fill them and then they come back.

Interim Executive Director Gallant: Yeah. It’s that.., and, that is a major transmission line for a good section of the City.

We have two lift stations that feed into that.., into that specific line. There’s a lotta flow that runs through that line and a failure of that line would affect a good section of the City.

Councilperson Miller-Anderson: Okay.

So, you would say that was the most important one that needed to be fixed now?

Interim Executive Director Gallant: In my opinion, yes.

Councilperson Miller-Anderson: Okay. Alright.

Thank you.

Councilperson Spiritis: Clerk Hall, is there any public comment on this Item?

City Clerk Hall: Mr. Chair, there are no com’.., public comment cards on this Item.

Councilperson Spiritis: There is or there is not?

City Clerk Hall: There are not.

Councilperson Spiritis: There are not.

Thank you.

Is there a motion to approve this?

Councilperson Guyton: I think the motion…

City Clerk Hall: [Stammer].

Councilperson Guyton: …was already made.

City Clerk Hall: Yes.

Councilperson Spiritis: Okay.

City Clerk Hall: We received…

Councilperson Guyton: So, we just need…

City Clerk Hall: …a motion…

Councilperson Guyton: …to get a vote.

City Clerk Hall: …and a second.

Councilperson Spiritis: So, Clerk, can you call the vote, please?

City Clerk Hall: Vice Chair Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: Yes.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: Yes.

City Clerk Hall: Chairperson Dr. Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: That's a unanimous vote.

Councilperson Spiritis: Thank you.

2d. <u>ITEM NO. 2D</u>

Councilperson Spiritis: Item 2d [inaudible].

City Clerk Hall: Mr. Chair, we are on Item 2d.

City Clerk Hall: **RESOLUTION NUMBER 25-26UD: A RESOLUTION OF THE UTILITY SPECIAL DISTRICT BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH, PALM BEACH COUNTY, FLORIDA AUTHORIZING THE BOARD TO APPOINT THE INTERIM EXECUTIVE DIRECTOR TO THE EAST COAST REGIONAL WASTEWATER TREATMENT FACILITY (ECR) BOARD ACCORDING TO THE INTERLOCAL AGREEMENT SIGNED SEPTEMBER 9, 1992 AND THE RENEWAL OF THE ECR INTERLOCAL AGREEMENT SIGNED APRIL 20, 2010; AND APPOINT RANDY SHERMAN AS THE ALTERNATE TO THE EAST COAST REGIONAL WASTEWATER TREATMENT FACILITY (ECR) BOARD; AND APPOINT THE INTERIM EXECUTIVE DIRECTOR AS THE AUTHORIZED SIGNEE FOR ALL PALM BEACH COUNTY HEALTH DEPARTMENT DOCUMENTS PERTAINING TO THE UTILITY SPECIAL DISTRICT AND IT'S SERVICE AREA; AND PROVIDING FOR AN EFFECTIVE DATE.**

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845- 4185

City Clerk Hall: Mr. Chair, we do not have any public comment cards on this Item.

The acceptance of cards is closed.

Councilperson Spiritis: Okay.

Councilperson Miller-Anderson: So moved.

Councilperson Spiritis: Is there a second?

Councilperson Lanier: Second.

Councilperson Guyton: Mr. Chair?

Councilperson Spiritis: Board Member Lanier seconded the motion?

Councilperson Lanier: Yes.

Councilperson Spiritis: Okay.

Thank you.

And, Board Member Miller-Anderson made the motion.

Councilperson Guyton: Mr. Chair?

Councilperson Spiritis: Yes.

Councilperson Guyton: Um…

Councilperson Spiritis: Board Member Guyton.

Councilperson Guyton: Yes.

I know that we need a representative. Right now, we have an Interim Executive Director. I think we need to first see where we're going with respect to a permanent Director. And, I think that's.., that should be our first focus before we start appointing interims to the.., to these boards.

So, I won't be supporting this right now.

Councilperson Spiritis: Any Board Members have comments?

Councilperson Miller-Anderson: Yes.

Mr. Chair?

Councilperson Spiritis: Yes.

Board Member Miller-Anderson.

Councilperson Miller-Anderson: I.., I don't see the issue in assigning this to the person that's in that position at this time.

And, obviously, when there is a permanent Utility District Director, we're able to then put that person into it. I.., I.., I don't see the issue in making this change now and then going back to whoever it is that's in that position when it's time.

Thank you.

Councilperson Spiritis: Thank you.

Any.., any other Board Members have comments?

[Pause]

Councilperson Spiritis: Okay.

I.., I would like to ask Deputy City Manager, Deirdre Jacobs. We had a discussion in.., in my briefing where you said that the City Manager and yourself were able to sign off on these documents in the past.

Is that correct?

Assistant City Manager Jacobs: Mr. Spiritis?

Councilperson Spiritis: Yes.

Assistant City Manager Jacobs: Yes.

So, if you look at this particular Item, it deals with more than DOH document.., documents. It also represents representation onto the ECR Board.

Councilperson Spiritis: Right.

So, I.., I believe.., I gue'.., I guess this.., this question is for Counsel Wynn. We have a.., a settlement agreement? Is that correct?

That was the case with Board Member McCoy versing the UD District? Is that correct?

City Attorney Wynn: That's correct.

Councilperson Spiritis: Alright.

Can you tell me what the City Manager's role is in that settlement agreement?

City Attorney Wynn: The City Manager's role is to serve in a administrative capacity.

Councilperson Spiritis: Right.

So he.., so he clearly has the authority to sign off on administrative documents. Is that correct?

City Attorney Wynn: That's correct.

Councilperson Spiritis: Okay.

City Attorney Wynn: [Stammer]…

Councilperson Spiritis: So… Yeah.

So, I.., I agree with Board Member Guyton. I don't see any reason, right now, to appoint an interim person in here when we have people that have the authority to sign off on this right now, and they've been doing it in the past.

City Attorney Wynn: Mr. Chair…

Councilperson Spiritis: [Inaudible].

City Attorney Wynn: …if I can continue?

Councilperson Spiritis: Yes.

Ms. Wynn.

City Attorney Wynn: There are two sections to this Resolution.

One is the signing of the documents with the Department of Health, however, the other is having a seat on the ECR Board. And, we are members of the ECR Board, the Utility District is and you need someone to sit in that seat and represent the District at those meetings.

Councilperson Spiritis: Okay.

Councilperson Davis Panier: Chair?

City Attorney Wynn: If you want to delete the portion dealing with appointing the Interim Executive Director as the authorized signee for the Health Department, we can do that as Administration can sign those documents.

However, you do need someone to sit on the ECR Board.

Councilperson Davis Panier: Mr. Chair?

Councilperson Spiritis: Yeah.

Board Member Davis Panier.

Councilperson Davis Panier: Oh, no.

That's what I was gonna recommend…

Councilperson Spiritis: Okay.

Councilperson Davis Panier: …that we separate the two.

Then, we can have the Interim in that position to attend and sit on that board. And then, the other part we can leave with administrative signing privileges.

Councilperson Spiritis: Board Member Davis Panier, would you make that until such time as an Executive Director is appointed?

Councilperson Davis Panier: Until such time that an Executive Director is appointed to the Utility District.

Councilperson Spiritis: Is there a second to the motion?

Councilperson Guyton: Mr. Chair?

Councilperson Spiritis: Yes.

Councilperson Guyton: I.., I.., there.., there was a motion already on the floor.

Councilperson Spiritis: Yes.

Councilperson Guyton: And…

Councilperson Spiritis: That's correct.

Councilperson Guyton: And, we either need to amend that or carry.., carry that motion 'til it's resolved, then put another motion on the floor.

So, it can be amended or we can carry the motion on the floor to its conclusion and then put a separate motion on the floor.

Councilperson Guyton: Board Member Guyton, would you be willing to amend your motion or do you want…

Councilperson Guyton: I will.

Councilperson Spiritis: …to vote on it?

Councilperson Guyton: I would.

I'd be willing to amend my motion to eliminate the portion dealing with signing documents and.., and appoint a temporary to the ERC Board until we bring on a permanent Executive Director.

Councilperson Spiritis: Board…

Councilperson Davis Panier: Second.

Councilperson Spiritis: …Member Panier...

Councilperson Davis Panier: Second.

Councilperson Spiritis: Davis Panier, you.., you seconded it? Thank you.

Okay, Madam Clerk, are there.., are there any public comments on this? There's none, right?

City Clerk Hall: There are no public comments.

Councilperson Spiritis: No.., no public comments.

Councilperson Lanier: So.., so what are we voting for now?

Councilperson Spiritis: We're.., we're voting…

Well…

Councilperson Davis Panier: [Inaudible].

Councilperson Spiritis: Clerk, can you.., can you read back the motion, please?

City Clerk Hall: I may need Councilman.., Board Member Guyton to repeat his motion.

Councilperson Guyton: I amended my motion to eliminate the portion of this Resolution that deals with the signing of documents, that portion being eliminated, and we move forward

with the portion where we appoint someone to sit on ERC Board until a permanent Executive Director is selected.

Councilperson Miller-Anderson: Mr. Chair?

Councilperson Spiritis: Yes.

Councilperson Miller-Anderson: Are we saying who the person is or are you just…

Councilperson Guyton: [Stammer].

Councilperson Miller-Anderson: …leaving it open?

Councilperson Spiritis: I didn't hear what you said.

Can you say that again?

Councilperson Guyton: She was asking who the person would be.

It [stammer]… Yes. We're staying with the person who's being recommended, to answer your question.

Councilperson Spiritis: [Inaudible] Direct Gallant.

Okay. Wanna call the roll, please?

[Inaudible comment]

City Clerk Hall: Vice Chair Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: Yes.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: Yes.

City Clerk Hall: Chairperson Dr. Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: That's a unanimous vote.

3. ITEM NO. 3

UNFINISHED BUSINESS

PETITIONS AND COMMUNICATIONS FOR FILING

4. ITEM NO. 4

AWARDS AND PRESENTATIONS

4a. ITEM NO. 4A

City Clerk Hall: Mr. Chair, we are on Item 4b.

City Clerk Hall: **PRESENTATIONS OF UPDATES ON UTILITY SPECIAL DISTRICT PROJECTS.**

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845-

Councilperson Spiritis: Mr. Gallant.

Assistant Executive Director Gallant: Mr. Chair, I'd like to [stammer].., at this time, to call Brown and Caldwell to provide an update.

Mr. N. Grace: Good evening, Chair, Board Members, Staff. I'm Nigel Grace with Brown and Caldwell, serve as the Utility District's owner's representative for the water system modernization program.

Just to provide a quick update on the progress since last meeting, as you know, five GMP's are actively underway. Construction is progressing fairly well. Of the eight wells being constructed, drilling operations has been completed on six out of the eight wells.

And, for the remaining two, drilling is ongoing.

For.., for the wells that have already been drilled and the work is now focused on surface improvements, electrical, several things of that nature. So, progress is fairly good on that front.

For the injection well, there.., there was a little suspension of drilling operations to deal with some equipment issues. Those issues have been resolved this past Sunday and drilling operation is resuming.

So, we.., you know, the.., the types of issues are routine and customary for.., for this type of operation and, you know, we see.., we.., we don't anticipate any issues going forward.

For GMP-5, which is the latest GMP that's been authorized for the water plant, the JV's actively working. You know, they've.., they've deployed all the field construction trailers, they're beginning to stake out foundation areas.

For.., for the next few months, a lot of the work that's gonna be done will be underground. I believe the project has, I think, like, seventeen miles of underground infrastructure that ultimately has to be built.

So.., so, you're gonna have a lot of underground work occurring over the next few months before, you know, you.., you see anything coming out of the ground. So, that.., that.., that effort is progressing fairly well.

You're gonna have before you later on in the Agenda, the 6, which.., potentially 6 or 7 GM'.., GMP's for approval. And, that will be for the raw water transmission infrastructure that will connect the new Floridan wells to the water plant.

So, that.., that's an Item that's gonna follow in a.., in a little while for your consideration.

That's a quick summary. I'm certainly happy to entertain any questions that you may have at this time.

Councilperson Spiritis: Can you give us an update on the.., the new water plant?

Mr. N. Grace: Certainly, yes.

So.., so.., so, the JV's actively involved in the permitting of the plant. You know, so the Building Department, Health Department, there's permitting agencies. They're.., they're conducting survey activities, you know, to stake out the locations for various structures.

They're.., they're working on.., on mobilizing one of the subcontractors to begin to do some.., some foundations preparation activities. So.., so, while at the same time, they're actively bringing the various subcontractors under contract.

And, you know, beginning the submittal process, review approvals, et. cetera, that have to occur before, you know, equipment manufacturing can.., can begin.

So, a lot of that background work is occurring, together with, you know, the.., the site preparation field activities. That.., that's where a lot of the work is.., is currently centered.

Councilperson Spiritis: Okay.

So, are we still on schedule for 2029, beginning '30 for getting this water plant...

Mr. N. Grace: [Stammer].., absolutely.

Councilperson Spiritis: …going?

Mr. N. Grace: There.., there's.., there's.., there's nothing that's indicated, you know, at this point, that would.., would.., would put in.., in question that.., that schedule.

Councilperson Spiritis: Okay.

So we're basically saying the plant is gonna be done sometime in 2029. It'll take approximately a year, or half a year to get the plant commissioned.

Correct?

Mr. N. Grace: Yes.

So, you know, you.., you have the active construction period. Right? Shovels, you know, major construction activity. And again, just nominally. I'm not consulting the detailed schedule in front of me.

But.., but that.., that's probably three plus years. Right? Of active construction. But, the commissioning process is a rather involved process. Hundreds, perhaps thousands, of systems have to be tested, vetted, certified for operation.

Each component has to be started up and.., and.., and vetted before a system can operate as a whole. It's gonna be a lot of temporary piping and so forth, that will allow them to test various components of the system without putting a whole plant in operation.

So, it.., it may seem like a long process but [stammer] it's a fairly.., it's a medium sized plant but it's as complex as any plant out there. You know? Just, the size doesn't reduce the complexity.

So.., so, there's a long period of time where, if you're to walk through the plant, it will look like it's game ready [chuckle], right? But, it's still in testing phase. Even when it's operating, it's not gonna be operating at full capacity initially, that's gonna ramp up over time.

So.., so, the.., the substantial completion date is really the date where in all of that integrated testing will be completed, and the City's ready to take beneficial use. Essentially, the City will then be in charge of operating the.., the plant itself.

But, prior to that date, it's.., it's [stammer].., the.., the full expectation is that the plant will start delivering water to the system, though, not at full capacity.

Councilperson Spiritis: Right.

So, we're still shooting for 2020'… 2030? To have this plant in…

Mr. N. Grace: Correct.

Councilperson Spiritis: …operation, correct?

Mr. N. Grace: Yes. Yes.

Councilperson Spiritis: Okay.

And, Deputy Director, Gallant.., or, Interim Director Gallant, can you tell me the status of the existing water plant?

Assistant Executive Director Gallant: Currently, the existing water plant is operating.

It is.., the last four filters are currently being revetted. And we're just constantly making improvements to try to just keep it operational until the new plant is online.

Councilperson Spiritis: Okay.

So, but we're getting clean, safe water out of this plant, correct?

Assistant Executive Director Gallant: Yes, sir.

Councilperson Spiritis: Right.

That's what I wanted to make.., make clear to the public. Thank you so much.

Clerk Hall, are there any… Thank you so much for your presentation.

Mr. N. Grace: Thank you.

Councilperson Spiritis: We appreciate it.

Mr. N. Grace: Thank you.

Councilperson Spiritis: Any.., any questions from any of the Board Members? Any other questions? Anybody?

Are there any public comment cards, Clerk Hall?

City Clerk Hall: No, sir.

We don't receive comments cards for presentations.

Councilperson Spiritis: No, no.

For [stammer].., I wanna move onto public comment.

City Clerk Hall: For general public comment?

Councilperson Spiritis: For general…

City Clerk Hall: Yes.

Councilperson Spiritis: …public comment.

City Clerk Hall: We have four…

Councilperson Spiritis: It's 6:32.

City Clerk Hall: …comment cards.

Yes, sir.

Councilperson Spiritis: You do. Okay.

So, I just want to…

Assistant Executive Director Gallant: Mr. Chair?

Councilperson Spiritis: …remind everyone the rules of decorum.

Councilperson Miller-Anderson: Mr. Chair?

Assistant Executive Director Gallant: Mr. Chair?

Councilperson Spiritis: Yes.

Councilperson Miller-Anderson: Are we finished with the presentation?

Assistant Executive Director Gallant: Do you wanna finish…

Councilperson Spiritis: [Inaudible]...

Assistant Executive Director Gallant: …the presentations?

Councilperson Spiritis: …the presentations.

I don't… [Inaudible] …

Councilperson Miller-Anderson: We usually…

Councilperson Spiritis: …didn't count.

Councilperson Miller-Anderson: …have more than one group.

Councilperson Spiritis: You're gonna have.., you're gonna have the JV put on a presentation?

Assistant Executive Director Gallant: Got JV team…

Councilperson Spiritis: We can do that…

Assistant Executive Director Gallant: …Globaltech, and U.S. Water.

Councilperson Spiritis: Okay.

Then we'll do.., we'll do the JV team.

Assistant Executive Director Gallant: Alright.

I will now, at this time, like to ask that the JV team of Haskell and CDM Smith please make their presentation on an update on their activities.

Mr. M. Hoisington: Good evening. Thank you for giving us the opportunity to present to you today. Just wanna give a quick update. If you got any questions, please.., please stop us and.., and ask.

So, right now, the issue for permit drawings were submitted on April 8th.., April 9th, last month. We're waiting for permit comments to come back from Riviera. Once we receive those, we will address them and do a resubmittal.

Additionally, Avenue L documents with building permits, we've broken it down to eight individual packages for each.., each respective buildings, so the guard house, the high service pump station, and the main electrical building had been submitted.

We received initial comments on the fifth. We're working to incorporate those comments and do a resubmittal for those specific building permits. And, there's five still building permits

that still remain, the chemical storage area, the pretreatment building, the administration and membrane building, to the degasifier with the clear well, followed by the ground storage tank.

So, we are working to incorporate the comments as we receive them and.., and address any needs that.., that come up from the Permitting Department.

The.., the raw water finish.., I mean, the.., the raw water piping, those comments, we've been incorporated and we're gonna resubmit those at the end of the month for permits.

And then, the finish water, we received comments from Nigel and his team today. We are working to address those comments and incorporate them to be able to do a resubmittal to the City [inaudible].

Councilperson Spiritis: Right.

So, before you.., you pass on, I mean, the.., the public benefit portion of this project, we should be at that point now where you're hiring local people.

Mr. M. Hoisington: Yes, sir.

Councilperson Spiritis: And, do you ha'…, are you keeping a list for us?

Is Nigel checking that list? Is some'.., is someone going over that list and maintaining that list with you?

[Inaudible comments]

Mr. M. Hoisington: We do submit a.., a list of.., of what contractors are currently under contract…

Councilperson Spiritis: Mhmm.

Mr. M. Hoisington: …to the Board every month, in the monthly memo.

Additionally, we do have a.., a list… Suzanne, if you can pull it up, please? This is the list of the current contractors that we've issued contracts that are here local to the Palm Beach County and.., and this is the current contracts that have issued to date.

However, some of the contracts that are issued for subcontractors and vendors that are outside of Palm Beach County, we will work with them to see what local participation they are able to get.

So, you know, if someone's gonna be buying stone, they're gonna be buying it locally, they're gonna be having other services that will be local to this area and we are.., we are working to track that with those vendors.

Additionally we wanna have a outreach event in this facility to be able to hire as many local as possible.

Councilperson Spiritis: Right. Thank…

And, what.., what percentage are you shooting for on this?

Mr. M. Hoisington: We are shooting for twenty percent.

Councilperson Spiritis: Twenty percent?

If you can up that, that would be great but, certainly, we like to see people from the City of Riviera Beach, businesses that are located right in our own City, rather than Palm Beach County.

So, if you can make a little extra effort. I know you said you're gonna hold a.., an event here for local people. That will be great if you can get local people from…

Mr. M. Hoisington: Yes, sir.

Councilperson Spiritis: …from our City.

Thank you.

Councilperson Guyton: Mr. Chair?

[Pause]

Councilperson Guyton: Mr. Chair?

Councilperson Spiritis: Yes. Yes.

Board Member Guyton.

Councilperson Guyton: To...

I'm sorry. What's your name?

Mr. M. Hoisington: Mike.

Councilperson Guyton: Mike.

We have a very active day labor [stammer] agency here with different skillsets.

Mr. M. Hoisington: And.., and we are utilizing some.

Councilperson Guyton: Is it Manpower?

Mr. M. Hoisington: I don't know which one it is.

We do try to cycle between them because there are six that [stammer].., that have actually came out and met with us. And so, we do try to cycle through them.

Councilperson Guyton: [Audio muffled]…

I would like for you to connect with them. They're very active in our community and they use local Riviera Beach people and they have different skillsets.

Mr. M. Hoisington: Understand.

Councilperson Guyton: And, Manpower is a resource that can be very valuable, and also, help you meet your local participation numbers.

Mr. M. Hoisington: Understand.

We would also like them to be at the.., the event that we have at this facility to be able to talk to our contract partners also.

Councilperson Guyton: Absolutely.

And, I'll have somebody get you his number too, to reach out to him.

Mr. M. Hoisington: Okay.

Councilperson Guyton: Okay.

Mr. M. Hoisington: So, we'll go back to the.., the slide presentation.

So, Suzanne wanted to talk about the funding real quick, if you didn't have any other questions about the deliverables.

Ms. S. Mechler: Hi. Suzanne Mechler. I'm with the Haskell/CDM Smith joint Venture.

This is a lot of words. This is more just documentation, but this is all information directly from FDEP and the SRF Program. So, in our February.., or, in the DEP February meeting, you guys were listed for a total of two fortyish. I'm not.., I'm not… I need to add three numbers and I didn't do that automatically.

But, the.., the full amount's about $240 million. They allowed in the year one, so, in February, they authorized $30 million with $5.36 million of principal forgiveness. So, that was what Randy was talking about.

Now, key.., a couple of key things to note because we were able to.., we are moving forward. The City has given us direction to move in this direction and sign this application. We are incorporating the BABA requirements in all of our contracts.

So, it was already in there but it was in there as an adder in case, you know, we decided that either we didn't get the funding or we wanted to not participate in the program. Since we are participating in the program, we are working to make sure that all of our subcontracts are in

compliance with the BABA requirements, which are also SRF requirements. So, that is going on as we're negotiating all the contracts with the subcontractors.

In addition, next month, we were [stammer].., we are going to come and present a Resolution that is a requirement of the DEP/SRF process, which basically is saying that you, as a Board, approve the concept of moving forward and authorize the City to sign the application.

So, the application is actually due on June 11th. We did talk to DEP and let them know that this meeting would be held June 17th. They authorized us to submit a draft Resolution with the application and then follow up with the final Resolution once it's approved at the meeting. So, that meeting is gonna happen in June and we'll have that all ready for you.

The City has the application under review right now. So, City Staff is currently looking at it. And, that basically commits the first year, and then every year after that, like Randy said, in August, we are on the table again.

We're.., we're on the table until we decide we don't wanna participate or until they've given us up to the $212 million that will be remaining. So, and.., or.., and/or the construction ends. [Chuckles]. Those are the.., those are the stopping points.

So, it is a challenge. If you remember last year, the August meeting is their first meeting, and we decided not to participate in the August meeting because they told us that they.., we were unlikely to get principal forgiveness in that meeting.

If you also remember, you guys get principal forgiveness only if small communities are not also asking for principal forgiveness. So, they are a priority. You are second priority, in how they manage it.

So, I completely agree, the more involved you guys are at the state level in supporting Riviera Beach in.., in.., in trying to get principal forgiveness for the community, we are trying to do the same, but, that is pretty much the key.

The next meeting is August.

A couple things to note that you'll start seeing. The state also requires us to put out signs that they are participating in the funding. So, that's an example of the sign that you're gonna see posted on our job site, as well as starting to be posting online at some of our.., our.., our information.

Any questions on this?

Councilperson Spiritis: Suzanne, we're.., we're speaking about the funding so I'm gonna ask you.

I.., I know that your firm is working on other state and federal funding for us. You were looking at some resiliency money. I believe we received some resiliency money. But, are you.., are you looking at other areas as well?

Ms. S. Meckler: The.., the only other areas that we're working on right now is the South Florida Water Management District Alternative Water Supply Funding.

Councilperson Spiritis: Mhmm.

Ms. S. Meckler: Which we had tried for last year.

We got approved at the South Florida Water Management District level but not the state level. We resubmitted for that. We won't know that until probably summer. Again, May is when the District approves it and then it goes up for.., to the state and then they have to fund it.

So, we're.., we're gonna be in the same situation, but that project is being listed as the fifty/fifty, so you get fifty percent grant on that one.

And then, there is discussion on the Resilient Florida Grants, potentially for the generators. That is a work in progress. That comes out in the summertime so there will be a coordination with the City Staff on whether we decide to go for that in the summer.

Councilperson Spiritis: Okay. Great.

Thank you.

Councilperson Guyton: Mr. Chair?

Councilperson Spiritis: Yes.

Board Member Guyton.

Councilperson Guyton: Yes.

As it relates to the funding that you're [stammer] you're going after for this project, do you have a.., a list of the funding that you are.., have applied for and waiting on responses?

And two, as it relates to the principal forgiveness, the legislature.., I think they may be in special session now but, they're not in regular session and I guess… How would there be communication with the people that could possibly make decisions if they're not in session?

Ms. S. Meckler: Okay.

I'll answer the first question. We are currently tracking pretty much three pots of money from.., from our side. It's the SRF Program, is one, which you.., we're already participating in and, at this point, we're following up on that. So, we have good coordination going with DEP.

The second pot of money is the Alternative Water Supply Funding. That funding is another larger pot of money which is why we're focused on it and.., and that is actively… [Stammer]…

The.., the pipeline contract is really the last available contract to submit on it. So, if we don't get funding this year, it's gonna be really difficult. We might try again because the

construction is long on that project but that's really the last pot that's considered because it has to be alternative water supply focused and, you know, connecting that finished water system doesn't count [audio muffled].

And then, the third pot of money that we're looking at is the Resilient Florida. And that's, again, a grant focused, smaller dollars, but if we can get a little bit of that we will.

Those are our areas of focus. I know that the City Staff and others have been looking at other entities and/or appropriations. We help in any applications that.., that.., that.., if they need help, we're like, this is the [static audio] information, the is the details, this is the cost, whatever they need, but we're not actively pursuing and/or following those.

The second question was… What was the second question?

[Inaudible comment]

Ms. S. Meckler: Oh. Oh.

DEP.

Councilperson Guyton: Yes.

Ms. S. Meckler: Okay.

I.., my recommendation and.., and Stacy Barna, who is our.., our funding discipline lead, is gonna be here in June to walk through the SRF stuff. But really, just recommend that they wanna see.., DEP specifically, so, legislators also help and legislators can talk to DEP.

Pretty much, they wanna know that the community and the Commission supports it as much as possible. And, they also wanna know that you are committed to the project all the way to the end.

So, just engagement statements like that, under'.., in talking with them and understanding and [stammer] having those relationships on when principal forgiveness is or is not gonna be available, is.., is part of those discussions.

They know that information ahead of time. We were able to work with them to get that information last time.

We want to get you as much principal forgiveness as possible but we also don't want to miss out on the low interest loans and.., and those pots of money. So, we're.., we're walking that fine line.

But, yeah, the more that.., and I can give you names of.., of the people that are.., are working with us on it, but the more that you show the commitment from the state level.., to the state level that the City is completely supportive of this project and, you know, all in, the.., the.., the more they hear it and the more they will support it.

Councilperson Guyton: Okay.

One last… You mentioned principal loans too. I.., my question is, if we are already in debt with bonds for this project, why are we going at loans to increase the debt that we're already in for this project?

Ms. S. Meckler: So, Randy, can help me out here.

But, they are.., we.., we are working together with the loans and the SRF funding. So, if.., whatever we get from SRF can be.., can basically replace the final loan amount.., the bond amount that you get. Right?

There's.., they're…

Councilperson Guyton: [Stammer]…

Ms. S. Meckler: …they're working…

Councilperson Guyton: I'm sorry.

When you say replace, does our debt get [stammer] lower when we borrow on it or pay it off?

Make me understand 'cause we're already in debt…

Ms. S. Meckler: Yeah.

Councilperson Guyton: …from…

Ms. S. Meckler: It's a…

Councilperson Guyton: …$400 mill.

Ms. S. Meckler: It's almost a…

Councilperson Guyton: And…

Ms. S. Meckler: …replacement but at a cheaper value. Right?

'Cause the interest [stammer].., the interest is lower but you're.., you're essentially replacing. It's not an adder, you're just replacing. I don't know if I'm explaining that right.

Would you like to help me, Randy?

Finance and Administrative Services Director Sherman: [Inaudible].

Ms. S. Meckler: I'm an Engineer.

Councilperson Guyton: Okay.

[Chuckles]

Finance and Administrative Services Director Sherman: **[Inaudible].**

Mr. Guyton, could [stammer] reask the question, please?

Councilperson Guyton: My question was, the residents are already in debt for.., to close to $400 mill.

And, we're talking about going out and getting loans on top of the debt that we already have our residents in. And, my question is, what is the benefit, if we're already in debt for $400 mill, and we've committed water rates for the next five years, which is astronomical, which is another issue we have to deal with here, and now we're talking about going to get loans on top of the $400 mill that we're already in debt in.

I'm.., I'm just trying to make it make sense.

Finance and Administrative Services Director Sherman: Yeah.

So.., so, the.., the chess match that you have when you're doing the financing is to get that debt as low as possible.

Councilperson Guyton: Oh. Okay.

Finance and Administrative Services Director Sherman: Okay?

And, certainly, loan forgiveness makes it lower, grants make it lower but the interest rate is obviously one of the big driving points. So, in order to.., and I don't wanna get too far ahead on June 17th, maybe we can make that meeting go a little quicker.

But, we need to show that we have all of the money available to us. That's the first thing that we have to do.

Then, what we're looking to do is, have the ability to pay that off when we can swap it out for the SRF debt. So, if SRF gives us $30 million, you would take that $30 million and pay off the expensive debt.

So, think of it like a.., a refi'.., you know, a home refinancing or something like that because those rates right now, are say, four and a half percent. The SRF is 1.87 percent. But, I don't have all the SRF money today. So, we borrow.., again, we'll just say that $30 million at the 4.5, they're gonna go spend $30 million.

We can then draw that down out of the SRF at 1.87 percent and take that $30 million and pay off the four and a half percent debt.

Councilperson Guyton: Okay.

Finance and Administrative Services Director Sherman: We'll try to show it all [chuckle] on the.., on the...

Councilperson Guyton: No.

I.., I'm [stammer]…

Finance and Administrative Services Director Sherman: But, it.., it's not….

Councilperson Guyton: …[stammer]…

Finance and Administrative Services Director Sherman: I don't want you to think it's additional debt.

Again…

Councilperson Guyton: Yeah.

Finance and Administrative Services Director Sherman: …think of it more that it's a…

Councilperson Guyton: Understood.

Finance and Administrative Services Director Sherman: …a refinancing of the debt that we.., we have.

Councilperson Guyton: I'm following you.

Finance and Administrative Services Director Sherman: Okay?

Councilperson Guyton: And.., and I'm sure the residents would wanna know…

Finance and Administrative Services Director Sherman: Yeah.

Councilperson Guyton: …too, why…

Councilperson Davis Panier: Mhmm.

Councilperson Guyton: …are we borrowing and we already are in debt $400 mill.

Finance and Administrative Services Director Sherman: Yeah.

And [stammer]…

Councilperson Guyton: So, it's to pay down the high.., the higher …

Finance and Administrative Services Director Sherman: Keep paying down…

Councilperson Guyton: …interest rates…

Finance and Administrative Services Director Sherman: …the highest debt. Yeah.

.

And.., and I will tell you again, when we looked at this after GMP-5, the annual debt service was something like $29 million a year. We now have that down closer to $27 million by getting the SRF and being able to, you know, do those numbers.

So again, that helps everybody by continuing trying to work to get that number lower for you.

Councilperson Guyton: Okay.

Finance and Administrative Services Director Sherman: Okay?

Thank you.

Councilperson Guyton: Thank you.

And… Mr. Chair?

Councilperson Spiritis: Yes.

Councilperson Guyton: And, I think it may benefit us to coordinate with our lobbyist to do what we're being asked to do, is go pound the pavement in Tallahassee.

So, that's a discussion we'll have at a later time.

Councilperson Spiritis: Right.

Board Member Guyton, that was a very good point. I think everyone's made it clear to us tonight that we have to get to Tallahassee and to Washington and lobby as much as we can, to get as much as we can.

Thank you.

Go ahead.

Mr. M. Hoisington: I'm just gonna go through quick updates.

But, Nigel.., I agree with what Nigel said. He.., he hit it on the mark that, you know, the wells are produ'.., are.., are going as.., as planned. We're on schedule. So, this is the well that's onsite.

The slabs have been poured, we're installing the above ground process piping. This is F-2. It's in pump development. It's been done drilling so we're doing the step draw down test next week, and then the electrical will proceed along with the concrete pad.

This is the one that…

Councilperson Spiritis: Can.., can you explain to the Board, 'cause once.., once we're on wells, the injection well.

Can you tell everybody what an injection well actually does? And, how much money we're spending for this injection well?

Mr. M. Hoisington: I'm gonna let Suzanne handle that 'cause she loves talking…

Councilperson Spiritis: Okay.

Suszanne's…

Mr. M. Hoisington: …about…

Councilperson Spiritis: …an Engineer, she could do it.

Ms. S. Mechler: [Chuckle].

Mr. M. Hoisington: Sorry.

Ms. S. Mechler: It's okay. Hi. Suzanne Mechler, CDM Smith.

Okay. So, the injection well is located at Avenue L plant site. And, the sole purpose of it is to help get rid of what we call concentrate. Concentrate comes from your membrane processes. So, you have two membrane processes at this new water treatment plant.

You're gonna have a nanofiltration process, and you're gonna have a reverse osmosis process to handle the saltier, deeper raw water wells. The concentrate is a byproduct of it. Essentially, if you push something through a filter, clean water comes out and there's the other stuff. Right. This is the other stuff.

This is a well utilized methodology of [stammer] getting rid of concentrate in the system. This.., as you can see, as of right now, we are 2,000 feet down so we are below pretty much any zone that would impact your clean water supply.

We are very, very deep. There is that separation zone in the ground that allows us to go to these depths. And, we have about two.., three hundred more feet to drill to get to the final depth that we plan on.

But, this is to.., this is a critical piece to ha'.., at any membrane plant, and pretty much every membrane plant in Florida has at least one, if not two, deep injection wells specifically for concentrate disposal.

Councilperson Spiritis: And, if we didn't have an injection well, what was our option?

Ms. S. Mechler: You really have no other [chuckle] option.

The backup option that we are working with ECR on is.., is.., in.., in case this goes down, there does have to be an emergency option.

The ECR is allowing us to have that conversation with them as an emergency, so you don't have to drill another well, which are very, very expensive but they would not.., [stammer].., they would not allow that as a primary option because the salty water from the Floridan RO process is too much for a wastewater treatment plant to handle.

So, we are only doing it with.., during times of low flow and managing it with nanofiltration concentrate only, which they will allow. So, this is.., there's really no other option.

Councilperson Spiritis: Right.

This.., this is about $23 million…

Ms. S. Mechler: Yeah.

Councilperson Spiritis: …this well?

Ms. S. Mechler: Each.

Councilperson Spiritis: Right.

Ms. S. Mechler: Yep.

Councilperson Spiritis: Thank you.

Mr. M. Hoisington: Any other questions for her?

[Chuckles and inaudible comments]

Mr. M. Hoisington: I.., I guess a.., just a quick update on the plant.

So, right now…

Speed it up.

Mr. M. Hoisington: …we're.., we're working towards doing stone piers. The.., the.., the ground out there is very soft so we're having to do soil improvements. The stone columns are supposed to start next month where the ma'.., where the membrane building will be.

After that, we will go into yard piping. We've already released 2,000 feet of the 18,000 feet of pipe that will be on the site. And then, it's also gonna follow by duct banks. CDM will be doing the.., the., the electrical portion on this project.

And then after that, it's gonna go into early foundations. We're gonna get the foundations up. And then, the.., the building will start being erected in third quar'.., third/fourth quarter of this year.

And, followed by that, we're gonna bring in another local subcontractor, Big D. Paving. They're gonna be doing the.., the sew'.., the sewer piping that's on site and the.., the gravity sewer, and also, the precast manholes.

And then, we'll go into the concrete in the building, and then continue to build from the front of the site to the back of the site.

I guess, with that, any questions?

Councilperson Spiritis: Any.., any other questions from the Board?

[Inaudible comments]

Councilperson Spiritis: Thank you.

Mr. Miller, U.S. Water.

Mr. M. Hoisington: Thank you.

Councilperson Spiritis: Thank you so much for your presentation.

Mr. M. Miller: Good afternoon, Mr. Chair, Ms. [stammer] Vice Chair, I'm sorry, and Board, Mayor, and City Administration. I'm Mike Miller, the consultant with U.S. Water Services.

And, I have a quick update. We're finishing up the final two filters. We anticipate to finish the extraction of the old material by the end of this week and start to replenish it next week sometime.

After that, we would have to do a bacteriological study to make sure it clears and.., through the DOH. So, we anticipate, right now, maybe another three weeks, perhaps, to get that completed.

The only other item that we have is a.., one large piece of pipe that we have to install but we're just waiting until the filters are completed.

The only other thing I do have is that we were.., we had a pilot study that was terminated. The reason for the termination was that, apparently one of the operators reported we had some milky water.

So.., and, the actual chemical that we.., we were using, one of the particular barrels had.., had actually expired so we shut it down. However, we typically see pink water when we're using this particular chemical, calcium permanganate. So, we were kinda concerned as to whether or not that was.., that was actually happening.

But, I can say, at least, looking at the filters today, I saw the same milky water so I don't know exactly where that's come from but the pilot study was shut down because of that.

I'll take questions if anyone has them.

Councilperson Guyton: Mr. Chair?

Councilperson Spiritis: Yes.

Mr. Guyton.

Councilperson Guyton: So, is the pilot study gonna be restarted at some point?

Wait, wait. Let's back up.

What was the purpose of the pilot study?

Mr. M. Miller: The.., the purpose of the pilot study was to actually help improve with the color and it also helped with some of the, let's say, disinfection pro'.., processes.

But, the main thing we were using it for was to try to improve the water quality as far as the color's concerned.

Councilperson Guyton: So, now to my question.

Is it gonna be restarted when these issues are addressed?

Mr. M. Miller: We.., right now, we haven't planned on restarting.

We've.., we're.., we're basically waiting for the management to kind of give us a.., some direction. But, right now, it's.., we terminated it because of that. I have…

Councilperson Guyton: Okay.

Mr. M. Miller: …no idea as to when we'll be able to get it started.

Councilperson Guyton: At.., at some point, I think the Board, certainly through Administration, should look at restarting that.

The.., one of the main issues is the quality and color of our water. And, it appears to me, the pilot study, was working to address that. Is that correct?

Mr. M. Miller: Yes.

That was the intent.

Councilperson Guyton: That we need.

I don't know how we can get this restarted but it probably need to be on the next Agenda. We can't let this sit idly on the sideline when this was one of our most critical issues in our community.

That's all I have Mr. Chair.

Councilperson Spiritis: Thank you, Member Guyton.

That was a very good point and I too would like to see the pilot study started again. Does this got.., is this part of the chlorine flush?

Mr. M. Miller: No, sir.

It's not.

Councilperson Spiritis: It's gonna be [inaudible] chlorine flush, Mr. Gallant, is still going?

Assistant Executive Director Gallant: Yes.

We started around May 18th and the.., and the plant turned yesterday. And so, right now, the.., the free chlorine is entering the system and tomorrow our distribution team is going to be aggressively flushing the water main starting in the center of the City and working their way out.

Councilperson Spiritis: Okay.

Director Gallant, can you please explain to the public what they should expect from the chlorine flush in their neighborhood?

Assistant Executive Director Gallant: So, the method that we're gonna be using is, we're gonna be.., flush it. You know, basically, it's almost like a unidirectional flushing but we're gonna be hea'.., flushing heavily to scour the lines to remove some of the debris, the lime, the other stuff that's been built up over the years.

[Stammer] the.., the plan is it should take about two or three days to get through the entire system. And then, give it a few days. And then, the next week, do it again, and do that every week throughout the entire process.

And the idea is to sluff off all of that residue, the lime, all the other stuff 'cause it comes off in layers. When you flush it, it comes out in layers so you have to sluff it off, let the chlorine work on the layer, sluff it off again and keep doing that.

And the.., the plan.., the idea is to try to clean up the.., the water mains and clean [stammer].., and, just get rid of any nitrification, any free ammonia that might be in the lines until it improves the water quality to the residents' homes.

Councilperson Spiritis: Okay.

So, will the.., will all the users, you know, the homeowners, smell chlorine, more chorine then they normally do when they take a shower or they drink their water?

Assistant Executive Director Gallant: Yes.

When.., when their sink is on, flush the toilet, anytime that the air.., the water becomes aerated, they will probably have a.., a chlorine smell in their water.

Councilperson Spiritis: So, that's normal though?

That's…

Assistant Executive Director Gallant: Right now…

Councilperson Spiritis: …not dangerous?

The.., the counts…

Assistant Executive Director Gallant: …[inaiudible].

Councilperson Spiritis: You will be checking the levels of the chlorine to make sure that everything is safe, correct?

Assistant Executive Director Gallant: Absolutely.

Councilperson Spiritis: Okay.

Thank you.

Assistant Executive Director Gallant: Yes.

We're checking them daily.

Councilperson Spiritis: Okay.

Assistant Executive Director Gallant: Throughout…

Councilperson Spiritis: Thank you.

Assistant Executive Director Gallant: …the system.

Councilperson Spiritis: Mr. Miller, [inaudible].

Mr. M. Miller: That's the end of my presentation.

I was accepting any questions that you may have.

Councilperson Spiritis: Any other questions from the Board?

Councilperson Lanier: Chair?

Councilperson Spiritis: Yes.

Councilperson Lanier: I wanted to ask how…

Councilperson Spiritis: Member Lanier.

Councilperson Lanier: …how close was U.S. Water to ending their term at the Utility District?

Mr. M. Miller: So, like I said, I think it should be about three.., three, four weeks at the most.

And.., and a lot of it depends on.., on the operational side because we do have to coordinate with the operations.

But again, as I said earlier, the main thing that we have to complete are the two filters. We plan to, hopefully, have both of them.., the material replaced by the end of next week. And then, we have one week that we actually have.., have to hold off.

And then, that following week, we should be able to complete it.

Councilperson Lanier: So, when do we expect a final report?

Mr. M. Miller: We would expect a final report [stammer] after those four weeks, and it'll be ready for that next Council meeting after that.., after that time period.

[Inaudible comment]

Mr. M. Miller: The following.., for the following Board meeting.

Councilperson Lanier: So, we can look for a final report in July?

Mr. M. Miller: I'm sorry?

Councilperson Lanier: In July?

Mr. M. Miller: If.., if.., if everything goes well, I'm sure we can.., we should have it in July.

Councilperson Lanier: Very good.

Thank you.

Councilperson Spiritis: Mr. Miller, will you be finished with all the work, your scope of work in three weeks?

Mr. M. Miller: We hope to be, in three weeks, to be finished with it.

Again, there's just the filters. And, I keep saying we hope to but, again, you have to have the alignment of.., of the.., of operations along with the maintenance that we're trying to do. In.., in some cases, you know, especially with the filters, there's just.., it's just a matter of coordination, not necessarily that there's anything necessarily wrong happening, just the coordination.

And.., and it's time consuming.

Councilperson Spiritis: Yeah.

But this is.., this is all within your.., your price.., your contract?

Mr. M. Miller: Yes, sir.

Councilperson Spiritis: Where we…

It's all within that what we already approved, correct?

Mr. M. Miller: There's no additional cost.

Councilperson Spiritis: Okay.

That's what I wanna know.

Thank you.

Councilperson Lanier: Yeah.

And.., and I.., I.., I understand that but it was.., it was February/March and then it was April/May, and then now we're at June/July. So, I just wanted to make sure that we're looking for something to wrap this up.

Councilperson Spiritis: Okay.

Councilperson Lanier: Thank you.

Councilperson Guyton: Mr. Chair?

Councilperson Spiritis: Yes.

Member Guyton.

Councilperson Guyton: Yes.

Let me.., let me put it on the record that I am in no hurry of pushing U.S. Water out. As.., as long as they are contributing to bettering the quality of our water and our system, I wouldn't care if they go for another year. It's about the people, the residents and the quality of the water that they're helping us provide.

And, one thing that I noticed when I came in, when we had that debacle and we had to pay a million dollars, and then, we were referred to the State Attorney, you know who we called to come in to help straighten that out ? That would be U.S. Water.

And, for us to try to push them out and we still have issues that we have to deal with, I think that's short sighted on our parts. So, I'm not one looking for a final report in the next month or so.

Each Councilperson has their own interest and position. I want mine to be put out there. As long as we have issues that you can help us with, I want U.S. Water to be here. And, that's what I'll be pushing for. And it's on record.

Thank you, Mr. Chair.

Councilperson Spiritis: Thank you, Member Guyton.

Thank you for your comment. And, I just want to state that I agree with your comment a hundred percent. We'd like to thank U.S. Water for coming aboard. I guess that was almost two years ago?

Mr. M. Miller: September/August of 2024.

Councilperson Spiritis: Right. Okay.

Mr. M. Miller: Mhmm.

Councilperson Spiritis: So, thank you so much.

You have been very, very helpful in bringing our plant up to speed and we really appreciate everything you've done. And, I agree that if we are going to need your services in the future, we should definitely take advantage of it. The quality of water is number one.

Thank you.

Mr. M. Miller: Thank you.

Councilperson Spiritis: Any other Board Members?

Councilperson Lanier: Yeah.

I just wanted…

Councilperson Spiritis: Member Lanier.

Councilperson Lanier: …say that it wasn't about trying to push anyone out.

If there is a timeline that's set, then that is what I expect. It is not that [stammer].., if they say it's a year, then it's a year. But, if they say it's gonna be in February/March, then that is what I expect.

So, this is not about either pushing them out or trying to make them hurry up, it is about setting a timeline and then that is my expectations that that is what will happen.

Councilperson Spiritis: Right.

Mr. Miller, you have a com'… You wanna respond to that?

Mr. M. Miller: Oh, no.

The only thing I can say is that, the time that we've taken here is basically predicated on the type of maintenance that we've had to do. So, you know, it's not necessarily the.., it's not that we are looking at, you know, trying to.., as I said earlier, trying to stall or anything [chuckle] like that.

It's just a matter of, as the operations come… And again, during the daily operations, things happen. They happen all the time. And then, you also have the issue with.., when it comes to procurement. That's another area.

So, all these.., these things, these factors, played a part in us trying to work on all the equipment, 'cause there was a [stammer] quite a bit of equipment that we worked on. So.., and, it takes time, it takes a special expert'.., expertise in order to get it right. And, I don't wanna be right, I do wanna make sure that we get it right when it comes to what our tasks are.

Councilperson Spiritis: Right.

Thank.., thank you, Mr. Miller.

Councilperson Miller-Anderson: Mr. Chair?

Councilperson Spiritis: As.., as we know, the.., the plant itself was in horrible shape when you came onboard.

It was a work in progress. You need a crystal ball to.., to know what you're gonna find when you open up one of those tanks. You know? Or, you open up machinery, you don't know what you're gonna find.

You can just do your best, you know, guesstimate in.., in time and money, and we thank you for what you've done.

Yes, Member Miller-Anderson? You had.., you had a question?

Councilperson Miller-Anderson: Yes, I did. No, I didn't have a question. A comment.

I mean, I know we talked a lot about trying to make sure that our employees are prepared and able to do the job once you all leave.

Do you think they're at a point now that they are able to continue to work on it by themselves?

Mr. M. Miller: Not without help.

Not without assistance.

Councilperson Miller-Anderson: Say that again.

Mr. M. Miller: Not without assistance.

Councilperson Miller-Anderson: And, how long do you think that assistance is needed, before they're ready?

Mr. M. Miller: I.., I can't really say.

We've.., if you go back, and we look at the amount of training that has been provided, the amount of training that the former Executive Director gave as well, I can't really say at this particular point.

We haven't done any operational work, U.S. Water that is, since October of last year. So.., but, just seeing some of the things as we are on the plant, that's just my.., that's our opinion. That's my opinion.

Councilperson Miller-Anderson: So.., so what.., what would you recommend that we do in order to get them up to speed?

Mr. M. Miller: To get up to speed?

Councilperson Miller-Anderson: Yeah.

Because, I mean, for me, the idea is to not privatize and have U.S. Water running our plant. Right?

Mr. M. Miller: [Inaudible].

Councilperson Miller-Anderson: So, what do we need to do in order to get our employees independent from U.S. Water?

Mr. M. Miller: Okay.

I think what you.., what you need, one, is to have a competent water treatment plant manager. That's the first thing, right?

The second thing I think you need is to have, on each shift, a lead operator that's responsible to make sure that at the end of that shift, everything that needs to be done…

Councilperson Miller-Anderson: I'm sorry. One minute.

Mr. Chair, there's.., there's some talking.

Councilperson Spiritis: Yeah.

Please, please…

[Inaudible audience comment]

Councilperson Spiritis: …don't speak when the Council's…

[Inaudible audience comment]

Councilperson Spiritis: …having the meeting.

If you wanna talk, please take it outside.

Thank you.

Mr. M. Miller: [Inaudible]. Is it working?

Oh, there we are.

As I was saying, the.., the leads are critical. They're absolutely critical to make sure that, after each shift, everything that's supposed to be done, all the.., the 'I's' are dotted, 't's' are crossed, they would be responsible.

But, as I see it right now, I don't.., I don't see that level on each shift. And, it takes only one person that can really, let's say, [stammer], I don't know, missed a improper dosage or something like that, that can.., that can have an impact on the water.

So, my thought is that, when you have competent [stammer] leads, and a competent water treatment plant manager, typically, that's.., that's all you need to really, especially when it comes to a lime plant, these are typical all across the state.

You should be able to manage through that.

Councilperson Miller-Anderson: Okay.

Well, I.., I think that's something that we all definitely need to put some effort into as making sure that all of the employees that, you know, as he just explained it, whatever training is they're needed.

Because, I mean, we can't continue to operate and then still have U.S. Water here. It's like having two different groups.., we're paying two different groups. We still gotta pay our employees but then we have them that we're paying a very hefty amount of money too and I just.., I just don't know that the residents have asked for the water plant to be privatized.

And, essentially, that's what's happening and I'm not onboard with that. But, I appreciate your help for sure.

Thank you.

Mr. M. Miller: Thank you, ma'am.

Councilperson Lanier: And too, I just wanna say, to close this out…

Councilperson Spiritis: Yes.

Member…

Councilperson Lanier: …Chair?

Councilperson Spiritis: …Lanier.

Councilperson Lanier: I just wanna say that, you know, when you say that.., that the employees are not prepared, I mean, that is what we brought you here for.

We brought you here so that you would.., so, that when you leave, the employees would be able to do that job. And, you've been here almost two years and I don't know what else that you need to do to be able to get the employees up to snuff, to be able to do the job.

I mean, that was what we paid you guys for. So, we talked about training a year ago. And, you had told me that they had been trained. So, I'm not sure of where it is.., I don't wanna get into the weeds tonight with that but that is something that we definitely need to look into.

Because we're two years in and to say that the plant cannot run without you is a whole nother issue.

So, I.., I don't.., I'm not gonna waste anymore time with that but I certainly would like to explore that.

But, thank you for your time and for having the ability to come in to help us. But, I wanna make sure that those employees, what we paid for, are up to par to be able to take it over once you guys have left.

But, that is something that I can talk with the City Manager and the Director about.

Thank you so much.

Councilperson Spiritis: Right.

Councilperson Guyton: [Stammer].

Councilperson Spiritis: Mr. City…

Councilperson Guyton: [Stammer].

Councilperson Spiritis: …Manager and.., and Director, I share with Member Miller-Anderson and Lanier, their concern about our Staff and our Staff's ability to handle the plant.

So, if you can meet and come up with a.., a report for us at our next meeting and tell us how we're gonna get to the point, and how quickly we can get to that point, where our Staff will be handling the plant on their own.

Interim City Manager Wilkins: Mr. Chair?

Councilperson Spiritis: Yes.

Mr. Wilkins.

Interim City Manager Wilkins You're correct. All of you are correct.

And, one of the things I'm a little behind knowledge wise right now but, we're gonna be looking at the current scope of services, in terms of deliverables. That's how we determine whether or not the contract is ended or not, how much money's available.

We can work in certain activities that U.S. Water is recommending as long as there's still money in the.., in the budget.

But, more importantly, the issue about the capacity of the Staff has to be evaluated and I don't know if it was in their scope to make those recommendations to us. So, once we review the scope of services, I'll talk with the Director, and we'll talk with U.S. Water and make a report back to you.

Councilperson Spiritis: Thank you.

Board Member Guyton, you had a question?

Councilperson Guyton: No.

Councilperson Spiritis: A comment?

Councilperson Guyton: No.

Councilperson Spiritis: Okay.

Unk.: I'm good.

Councilperson Spiritis: No other comments from the Board?

[Pause]

Councilperson Spiritis: If not, we'll move on to public…

Mr. M. Miller: Excuse me.

Mr…

Councilperson Spiritis: …comments.

Mr. M. Miller: …Chair, may I?

Councilperson Spiritis: You fi'.., you finished?

Mr. M. Miller: May I?

I'd like to address Ms. Lanier as far as the training is concerned, if I may?

Councilperson Spiritis: Sure.

Mr. M. Miller: What.., when you get your license as an operator, technically, you're already supposed to be trained.

As the [stammer].., as.., as.., as the state is concerned, you.., the reason you have that license is because you went through the training and you know exactly what it takes to be a water treatment plant operator.

Now, everybody just doesn't, you know, let's say, take the test and then they are automatically an operator. It does take some time. But, there's a.., when you have, let's say, employees who have been there longer than two and three years, me personally? I think that, to me, we've given all of the training. I need to see something that makes me feel confident that you know what you're doing, that you know your job.

I did do an evaluation. I did speak to all of the Staff and I did put a spreadsheet together. And, we.., I've never given this amount of training in any other projects that I've been to. And, my thought is that, if.., if [stammer] the amount of money that you spent in training, to me, I just think that at some point, you have to start looking at why are we continuing to have the issues?

And, I'm not looking at anything except for one thing, and that is to make sure that the job is done right and that the public gets the water that it's supposed to, from public health and safety standpoint.

Councilperson Spiritis: Okay.

Councilperson Lanier: And.., and I appreciate that.

I just agree that.., that if we paid you to get them up to par and they are not, then whose fault is that? So, we'll let that go and we'll.., we'll.., we'll get with the City Manager and the Utility Director to work that out.

Thank you so much for your.., your presentation.

Councilperson Spiritis: Okay.

Mr. M. Miller: You're welcome.

Councilperson Spiritis: Thank you, Mr. Miller.

Mr. M. Miller: Thank you.

Councilperson Spiritis: Mr. Gallant, you have anything else you wanna add?

Assistant Executive Director Gallant: Mr. Chair, I'd just like to say that, in the last week and a half minus an Executive Director and a Water Plant Manager, they operators have operated that plant by themselves, with my assisting them a little bit but they've pretty much run that water plant by themselves.

And, the water quality has actually improved since we terminated the polymer plant because.., polymer project because we had had multiple complaints from residents.., and, actually we had seven complaints from Pepsi in two days over the water quality and that.., and that's why we terminated it for now.

Also, the person running that project had gone out of town and there was some questionable things that I didn't feel comfortable continuing until he returned.

So, we also need to call GlobalTech for their well field update.

Councilperson Spiritis: Thank you.

GlobalTech, thank you.

Mr. B. Selle: Thank you, Richard. Chair and Board, I'll be representing GlobalTech. My name is Brandon and I will be discussing our emergency rehabilitation work conducted on the entirety of your well field.

Reiterating from last month's work, we were able to go complete and get Well 871 back online after some redevelopment efforts, where we saw amazing production value coming out of it, with eight hundred gallons per minute retrieved.

Well 862, last month had a pump and motor emergency failure where we responded by getting our drillers EMI involved to remove that pump. Within that down time, we took that as an opportunity to help reestablish that well as a solid producer, using our past efforts of redevelopment.

So, we hit it with acid and applied some other forms of physical redevelopment techniques. We were able to raise the overall flow rate coming outside of the [stammer].., of the.., of the well, in addition to its specific capacity, making 862 a very competitive well in terms of production and supply for the overall plant.

EMI installed the pump and disinfected the well. Unfortunately, the pump is not online and not running. After turning the pump back online to retrieve water from the well, the drillers and the onsite Staff from Riviera Bech reported that they saw jumping, in terms of the electrical signals, coming out of the.., the.., the readers instrumentation control panel and overall, the attached distribution line adjacent to the well.

We have notified the City of the issue and have offered our services from our electrical team to aide an investigation of this potential infrastructural issue.

Councilperson Spiritis: Can I just [stammer]…

Is.., is that one of the wells that was rehabbed rather than drilling a new well?

Mr. B. Selle: So far, we.., there's only two new wells that's been built and that's been through the JV.

Councilperson Spiritis: Mhmm.

Mr. B. Selle: So yes.

This is one that was…

Councilperson Spiritis: It was rehabbed.

Mr. B. Selle: …rehabbed over rebuilt.

Now, there is a master plan that's being conducted with Brown and Caldwell, in addition to some aide from my team and determining what wells need to be relocated or reconstructed or, overall, just abandoned. And, that's gonna be, again, developed inside the master plan.

But, in the meantime, the whole point of my project was to make sure that the.., that we're addressing the ox's mouth and making sure that it can, you know, supply everything it needs for the rest of its body.

So, in the efforts of doing redevelopment through acidization and other forms of mechanical redevelopment, we are providing overall more water to the system, which is, right now, in the.., in the now, again, a.., a better effort than building a whole new well. Especially when, not too long ago, the City was in dire need of water.

Councilperson Spiritis: Okay.

Thank you.

Mr. B. Selle: Additionally, current [inaudible] well, new salt water intrusion [inaudible] well is being built over by the Blue Heron and Broadway.

Drilling was performed at the [stammer] beginning of this week. Casing and grouting was installed today and JLA, our hydrologist, will complete a full body water quality test tomorrow.

And, for additional re'.., rehabilitation work, we have acidization, again, a successful redevelopment method scheduled for the remaining wells, 801 and 802, with our drillers Centerline.

And, GlobalTech has been working with EMI to bring all the Riviera Beach wells in compliance for a.., a DOH review. So far, EMI has lowered pumps and replaced pumps for four of our wells.

Additionally, GlobalTech has cost estimations for additional tasks related to the well field sanitary survey and has those prepared. One change order has been reviewed and approved. We are currently working on gathering the material.

So, we are in the procurement process and, as soon as we have the material scheduled, and we know the lead times, we will be issuing our guys to get out onsite and to start making those additions again to be compliant with DOH requirements.

And that's it. If there's any questions…

Councilperson Spiritis: Questions from the Board?

Mr. B. Selle: …please let me know.

Councilperson Davis Panier: Uh-uh.

[Pause]

Councilperson Spiritis: Any questions?

None?

[Pause]

Councilperson Spiritis: Mr. Gallant, anything you wanna add to that?

Assistant Executive Director Gallant: No, sir.

Councilperson Spiritis: Anything else you have for presentation purposes?

Assistant Executive Director Gallant: No, sir.

Councilperson Spiritis: Okay.

Clerk Hall, do we have comments for…

Thank you so much, GlobalTech, for your presentation.

Mr. B. Selle: Thank you for your time.

Councilperson Spiritis: We appreciate it.

And, we appreciate the work you're doing for us.

Mr. F. Lozman: Point of order.

[Inaudible in audience].

Councilperson Spiritis: We're.., we're going to public comment right now, Mr. Lozman.

So, please just be patient.

Mr. F. Lozman: [Inaudible in audience].

Councilperson Spiritis: Mr.., Mr. Lozman, please.

Please, you're out of order, Mr. Lozman.

Mr. F. Lozman: [Inaudible in audience].

Councilperson Spiritis: Please sit down.

We're moving on…

Mr. F. Lozman: [Inaudible in audience].

Councilperson Spiritis: We're moving on…

Mr. F. Lozman: [Inaudible in audience].

Councilperson Spiritis: Mr. Lozman, you have no right to stand up here and.., and.., and.., and run this meeting.

Thank you. Please be seated. Thank you.

[Inaudible audience comment]

City Clerk Hall: Mr. Chair?

Councilperson Spiritis: Yes.

City Clerk Hall: We have six general public comment cards for the Utility Special District meeting.

Councilperson Spiritis: Okay.

One second.

Mr. F. Lozman: [Inaudible in audience].

Councilperson Spiritis: Okay.

COMMENTS FROM THE PUBLIC – 5:45 P.M. – NON-AGENDA ITEM SPEAKERS(Three Minute Limitation

Councilperson Spiritis: Please, we're going into public comment right now.

Councilperson Spiritis: PLEASE BE REMINDED THE CITY COUNCIL AND THIS BOARD HAS ADOPTED RULES OF DECORUM GOVERNING PUBLIC CONDUCT DURING OFFICIAL MEETING WHICH HAS BEEN POSTED AT THE FRONT DESK. IN AN EFFORT TO PRESERVE ORDER, IF ANY OF THESE RULES ARE NOT ADHERED TO, TO UTILITY DISTRICT BOARD CHAIRPERSON MAY HAVE ANY DISRUPTIVE SPEAKER OR ATTENDEE REMOVED FROM THE PODIUM, FROM THE MEETING AND/OR THE BUILDING, IF NECESSARY. PLEASE GOVERN YOURSELVES ACCORDINGLY.

Councilperson Spiritis: Thank you.

Clerk Hall, please call the speakers.

City Clerk Hall: Mr. Chair, the first speaker is Annette Dragon, followed by Lloyd Brown and Cindy March.

Councilperson Spiritis: Clerk Hall, I just want to, for the record, it's 7:22 p.m.

City Clerk Hall: Mhmm.

Ms. A. Dragon: Hello everyone. Annette Dragon, Riviera Beach.

Respectfully, we're all here at 5:30. Can we please start the meeting at 5:30? I don't know what time it is now but we're into City Council meeting time. One way of alleviating this issue is to change the day of the Special Utility District meeting, or start it earlier.

With such a big Agenda, I would suggest that we do it on a different day. I'm sure that you guys can all find a different day that we can do this at. Please do this for us. I mean, we're here on time and we don't wanna be here until midnight with the City Council meeting. And, I'm sure you guys don't want to be here that.., at that time either.

Next thing, I noticed that Bruce Guyton was speaking to some of you individually at the beginning of this meeting. I don't think that's allowed. Do you? Sunshine Law say that there should be no communication directly with any of you on any issue, if it's in a public meeting anyway.

I'd also like to ask what's being done at the federal level to get some funding into the City so that they can actually alleviate some of the tax burden, and the [stammer] water bill burden on us residents?

We're already paying through the nose for our water in.., in the City of Riviera Beach. It's still foul water. And, the prices are going up all the time. And it's scheduled to go up all the time.

What are you guys doing about lobbying in Washington, DC about this? I'd like to know, and I'm sure some of the other residents that are here would like to know.

I do believe that the water treatment plant is long overdue, and it's a good thing that it is underway. Funding for this is vital to keep the City alive. Please go to DC and get us some money.

Thank you.

City Clerk Hall: Mr. Chair, the acceptance of public comment cards is now closed.

The next speak is Lloyd Brown, followed by Cindy March and Delores Williams.

Mr. L. Brown: How you doing everybody? Even the people out there.

Isn't kinda strange, you know, that these people in here, they don't realize that the first person will become state.., you know, work for the state, they get a better deal. I hope ya'll hear me.

'Cause, you know what I'm talking about. The first one that turns in to the people to say I wanna be here because I'm gonna be with the state. Let them other dudes speak. 'Cause I done went down to all these kinda [inaudible], you know?

And, it was three of us in there. And, you know, this man turned state evidence and he was right there doing the same thing I was doing? So, I'm just letting you know something here. And then ya'll talk about the water plant, you come over here and you say the same over and over and over and over, the same thing.

You have the same people come up here and you say the same thing over and over and over and we still don't have good water. My neighbor' water, you know what it does? It's low in this room, in the bathroom, fast in that one.

Mine.., what mine is, it's like my water bill is for the sewer. How do you justify that? I asked them once to tell me, to come in here just like you did with the trash. You said, 'Oh you bring this much in,' you.., you explain how you charge on the trash.

And so, I said, 'When you take it out to the dump,' see, 'you take it by weight.' So, if you're charging each individual, I mean, how do you do that when this man don't put his trash out this week and you got maybe two more people in the neighborhood but everybody getting charged the same thing?

I just wanna know how in the heck you charge them sewer? I mean, you… Show the people out there, my friends and them are out there. And, one thing about it, they don't come over here.

And, if I say something about it, they may say something to me but I don't really care 'cause I love Riviera Bach better than friendship. 'Cause my friends, they should be there. I mean, you go to church every Sunday but you don't come over here one or two times a week.

I mean, look at it. The churches don't really give you a hand. They used to be activists, now they.., what they do, they help the government out. You know? 'Cause you' getting a tax break.

And, like, with ya'll up here, the City Manager. Okay. The man ya'll got rid of, how many people liked the man? Ya'll told us what percentage didn't like the man so, if you got twenty-two people and you got five hundred and sixty people in the City, and twenty-two of them don't like the man, don't that seem to be kinda stupid?

Unk.: Audience: Yes.

Mr. L. Brown: I mean, you.., so, how do you just get rid of the man?

And then ya'll two wasn't even here when the man was here all the time, that's why I can say that a few of ya'll got in here on a fluke. So, I mean, I'm not a stupid person but, see, I might get up here and crack jokes and whatever but I'm dead damn serious.

Ya'll just screwing up the City. When it go down, ya'll name's gonna be on there. The people who brought Riviera Beach to the whatacallit. And, we can't even go under the bridge [inaudible in audience].

Councilperson Spiritis: Thank you for your comment.

City Clerk Hall: The next speaker is Cindy March, [stammer].., followed by Delores Williams and Rochelle Hughes.

Ms. C. March: Good evening, Council.

There sure is corruption in the City of Riviera Beach. You all shoulda had that same energy when ya'll ran on the water and having clean water.

Let me elaborate a little bit on what Mr. Guyton said. 'Cause I was gonna ask the question. Are we not bonded out for finances? Do we not have to go to a financial institute to see how much money we can get because we are boned out. Tell the people the truth.

I got a phone call and it's disturbing me. Because, see, these people don't come to the meeting but they watch. The employees are talking. They're scared to come to this podium to be retaliated against.

And, I'm so glad, last week when I got that phone call, I did not get to this podium like I had a Easter speech to say. And, it was [stammer] concerning Mr. Josh. One of the employees.., I got the whole letter here. You want a copy? You can get a copy but I'm not gonna mention his name.

Ms. March, can I please meet with you? A lot of the employees are scared to speak out because this new Director you all got, he not doing us fair. There's two sides to the story. When I walked through this door, on that day, the last meeting, I went back there, I said, 'Mr. Josh, can I talk to you?'

And he say, 'Is it about the Utility or about me?' I said, 'It's about the Utility.' 'Cause I'm not concerned with a person unless they're doing bad for the residents. This man has done a great job.

And, when you all put that motion on the floor to fire Jonathan Evans, ya'll shoulda put a second motion on the floor that night, not to let him have no control of that IT, that computer system.

He had seven solid days to do and orchestrate what he wanted to orchestrate. And, he did it very well. That's why we don't have Mr. Josh right now today. I'm not concerned about who terminated him but the same guy that called me, called me back again Sunday.

My goddaughter from Georgia was on the phone. I said, 'I'll call you back.' You know why I didn't call him back? 'Cause somebody had more experience and been there for many, many years.

You know what he said about Mr. Josh? Ms. Williams is my witness. I was out to dinner. I didn't have my glasses on, somebody called my name. He said, 'I left my wife in there to pack up the food 'cause I really needed to talk to you because they done walked Mr. Josh out the door today.' I say, 'For what?'

Then, the guy called me that Sunday. I didn't communicate with him 'cause I was appalled the way he talking about, 'Oh, he want.., he.., he.., he's paying all these other people who got degrees.'

I told him, I said, 'I'm not worrying about a degree. Can you do hand on hand?' What good is showing up for the job and you can't do the job? What good is when a new person comes in and you can't adapt to changing and you wanna run the plant?

But then, I said, 'Well, what about Deirdre Jacobs? Did you take the problem to Deirdre? [Timer]

Ms. C. March: You know what he told me?

Councilperson Spiritis: Thank you for your comment…

Ms. C. March: Know what they told me?

Councilperson Spiritis: …Ms. March.

Ms. C. March: Deirdre was paying people…

Councilperson Spiritis: Thank you.

Ms. C. March: …fifty-five dollars an hour…

Councilperson Spiritis: Thank you…

Ms. C. March: …to cut grass.

Councilperson Spiritis: …for your comment.

Thank you. Thank you, Ms. March.

Ms. C. March: Ya'll gotta get it together. [Inaudible in audience].

City Clerk Hall: The next speaker is Delores Wiliams, followed by Rochelle Hughes and Doretta Pauk.

Ms. D. Williams: Good evening everybody. All these faces I don't know, some I seen. But I greet you in the name of the Lord Jesus Christ and for our City where you work, play, and live.

But, I'm here about the CRA and I'm about Mr. Joshua. When they was trying to select the Utility person, you had about five mens. You met over somewhere in the building over there. Then, you decided, the Board decided you was gonna hire Mr. Josh.

I think he was doing a job. I think they were saying 'cause he was doing this and doing that. I didn't see that. You've been up there. You said one man was doing it ten years, you didn't wanna help him and didn't wanna do nothing but ten years.

You been on the Board twelve and nine.., ten years, what you been doing? Passing the buck and doing nothing about this water.

And, you passed out some flyers to say to help with the water, your rent, and Utility. So, I got the flyers and I called over. You know what they told me? 'Ms. Williams, you're not qualified 'cause you out of the CRA District.'

I don't understand that. I really don't. I need ya'll… Say, go to Washington, DC, go to Tallahassee and get that realignment back out so it could help the whole City. Everybody.

And I think Mr. Josh was doing a wonderful job. I heard some people say, 'Oh, he was hiring this person,' and put the race junk and all this stuff here. But, if you look at what he was trying to do as coming here, I think he did a excellent job.

You Board Members thought he was so. Then all of a sudden, you got to let Mr. Joshua go. I think you need to put back in and bring him back to work. He was doing a good job just coming in.

Why are you hiring and then it seems as if you're firing him and we're trying to work on the Utility? And then you fire somebody that you hired that thought you say he was qualified, yet you hire. What that look like? A [stammer] sabotage for this water plant, Mr. Guyton? Hold up your head and look [inaudible] and look straight.

This is sabotage. You say you're gonna do this.., this water and this plant and build it but yet you will fire the Utility man. What did he do so bad? I want ya'll to tell me what he did so bad. What was his determination that you could get rid of the person supposed to be fixing this water plant?

Then, you say the money, don't have the money, don't have it.., don't have it. This one's suing that one, that one's suing that one for all these hundreds of thousands of dollars. You got the FBI in here investigating all.., most of all ya'll up there.

Ya'll better just get it straight 'cause I'mma tell you, somebody's that greater than the FBI? The Father, Son and the Holy Ghost. And the fourth one look just like Jesus.

Councilperson Spiritis: Thank you, Ms. Williams.

City Clerk Hall: The next speaker is Rochelle Hughes, followed by Doretta Paulk and Fane Lozman.

Ms. R. Hughes: Good evening. Rochelle Hughes, Riviera Beach.

I wanna piggyback to.., we're now at 7:35 and the Utility District meeting was scheduled for 5:30 and there was a ten page Agenda. And, you also have a ten page Agenda for the Council.

So, I really want to implore the Utility District Council and City Staff, that I think we need to change the day for Utility District meetings and not have it on the same night as the Council meeting.

I'm gonna tell you right now, after 6:00 o'clock, the majority of these people who came walking in thought they were walking into a Council meeting. Some of them, when they found out it's still the Utility District meeting, they're going, 'What?' Yes.

So, I'm not sure who decided to have the ten page Agenda for the Utility District tonight, along with the ten page Agenda for the Council meeting, and who approved that but, at some point, you.., you can't keep doing this.

Because, what's going to happen is, your Council meeting's going to suffer. And, anybody who wants to make a comment in the Council meeting for any of the Agenda Items, we have to work.

Like, we have jobs, we have to go to work. So, we come here expecting to.., to.., to have the meetings in a timely manner and a timely fashion. And, this meeting didn't even start on time. And, a lotta times, the Council meetings don't start on time.

So, we need to be better with our time. But, like I said, it's now 7:36 and we haven't even started the Council meeting. So, I really hope you guys take this and you go back and you say,

‘You know what? We do. Let’s change the Utility District meeting to a Tuesday or a Thursday, and Council meetings stands alone.’

Or, if you wanna have them on the same night, you may have to start this meeting at 4:00 o’clock because it seems, every time the Utility District meetings take at least an hour, if not more.

Thank you.

Councilperson Spiritis: Thank you for your comment, Ms. Hughes.

City Clerk Hall: The next speaker is Doretta Paulk, followed by Fane Lozman.

Ms. D. Paulk: Good evening. My name is Doretta Paulk, and I’m a citizen of Riviera Beach.

And, I just want to welcome Mr. Wilkins to come back to being the Interim City Manager. I don’t know how they persuaded you to do this. I hope.., I really hope and I pray for you to get through this, your mindset and your health, to get through this with these four people on this Board. I really do. And, I hope nothing ever happens to you with your health, with this situation.

I wanna comment about [stammer].., Councilman Guyton, you said that, ‘I am in no hurry to get U.S., U.S. Sugar.., the representative, Mr. Miller, out of here.’ I wish you woulda had those sentiments about our City Manager, Mr. Jonathan Evans. ‘Cause, that night you wanted him gone.

[Inaudible audience comment]

Ms. D. Paulk: Right then and there. You wanted him gone.

You didn’t even give the opportunity for him to clear his name from this investigation.

[Inaudible audience comment]

Ms. D. Paulk: I don't think that was fair at all. [Sigh].

Councilperson Spiritis: Please hold your comments.

Ms. D. Paulk: Please be…

I don't think that was fair at all. And, for you four, the four of you all to go and vote that way.., well, the three of you all to vote that way… But, believe me, the Mayor had his hands in that too. He doesn't have a vote but he had his hands in that too. But, the three of you all to vote that way. Like I always say, how do you sleep at night?

And also, when you two, Cou'.., Councilwoman Davis Panier and Councilman Spiritis, when you all were.., just slid in those seats, I told people.., talked to people, this is how democracy works, this is the rules that's on the books in Riviera Beach so let's show them grace. Let's show them grace.

And you know, it always comes back to me, 'Oh, Ms. Pauk, you say show them grace but what did they show Mr. Evans?' The door. I think it was totally unfair that he wasn't able to at least [stammer] clear his name.

I.., I don't think it was such a.., I would like my time, some time back, Cou'.., Councilman, please. How much are you gonna give me?

Councilperson Spiritis: [Stammer].

Ms. D. Paulk: Because, when she talks, I don't say one word.

Councilperson Spiritis: Please, just finish your comments, Ms. Paulk.

Ms. D. Paulk: Okay. No.

I want some time back.

Councilperson Spiritis: We'll give you some time.

Ms. D. Paulk: Okay.

Councilperson Spiritis: Just, keep speaking.

Ms. D. Paulk: And, I just [stammer] constantly, Councilman Guyton saying, you know, [stammer], 'The citizens are going to suffer when this water.., when you have to pay our water bills.'

Which we are. But, what about this TIF fund? You brought it up to the Council that, oh, put it up, amend it that we vote and have this TIF fund of a $1,000? And, you're taking it from the very, very Department that we need funds. How do you sleep at night?

[Timer]

Ms. D. Paulk: So, let's see how much time I'm getting back.

Thanks.

Councilperson Spiritis: We'll give., we'll give you ten seconds.

Go ahead.

[Inaudible audience comment]

City Clerk Hall: I gave you…

Ms. D. Paulk: [Stammer].

City Clerk Hall: I gave you more time.

Councilperson Spiritis: You.., you did that already, Debrah?

Ms. D. Paulk: [Inaudible].

City Clerk Hall: I already gave her more time, yes.

Councilperson Spiritis: Okay.

Thank you…

Ms. D. Paulk: Alright.

Councilperson Spiritis: …Ms. Paulk.

Ms. D. Paulk: Thank you.

Councilperson Spiritis: Thank you for your comment.

City Clerk Hall: I gave you five more seconds. The next speaker, the final speaker is Fane Lozman.

Mr. F. Lozman: Fane Lozman.

This is shameful what's going on right now. The City Council meeting takes priority over the Utility District. You've only set aside thirty minutes and you went beyond it, you adjourn the meeting and reschedule it.

The City Council is the number one meeting in this City. Hundreds of people have shown up here to participate in the City Council meeting and now some of them are leaving because it's already 7:40?

And that is shameful. You.., you have the responsibility as.., to be City Council Members first. You're not required to be on the Utility District Board. You can appoint anybody you want to.

But, Mr. Guyton is one of the few people that has a clue what's going on. As the Chairperson of the City Council, can you make a motion after I sit down, to adjourn this meeting and get on with the business of the City?

We have people from all over South Florida for very important deals and we're sitting here babbling about, you know, water stuff that can wait 'til another time? And, this is a big night in the City with the [inaudible] redevelopment and other Items on the Agenda?

I mean, we.., we already.., I can already see Mr. Spiritis as a leadership failure. He should've done the motion himself. He should say the time is 7:40, we need to get rid of this meeting and get on with the business of the City and we're not doing it.

If you have a problem with his leadership, you.., the four of you can vote and overturn one of his decisions.

If an [stammer].., if an audience member calls a point of order, you have to address it. You don't take the police and throw him out of the meeting. Look at the time, 7:40, and we're still.., and.., and we're… It's disrespectful to the people that put you in office, number one.

Number two, you have young children and people have left the meeting and wanted to participate. You need to adjourn this meeting now and get on with the business of the City.

Councilperson Spiritis: Thank you for your comment, Mr. Lozman.

City Clerk Hall: Mr. Chair, that's the end of public comment.

Councilperson Spiritis: Okay.

Clerk, we're on 7…

City Clerk Hall: Mr. Chair?

Councilperson Spiritis: …b?

Yes.

5. ITEM NO. 5

PUBLIC HEARINGS

6. ITEM NO. 6

ITEMS TABLED

REGULAR AGENDA

7. ITEM NO. 7

RESOLUTIONS ON REGULAR AGENDA

7a. ITEM NO. 7A

City Clerk Hall: We're on Item 7a.

City Clerk Hall: **RESOLUTION NUMBER 22-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA APPROVING THE PROPOSAL FROM FLORIDA POWER & LIGHT CO. FOR A REDUNDANT FEEDER; AND AUTHORIZING THE DISTRICT'S FINANCE DIRECTOR TO MAKE PAYMENTS FROM PROJECT NUMBER 23041 IN AN AMOUNT NOT TO EXCEED $432,000.00; AND PROVIDING AN EFFECTIVE DATE.**

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845- 4185

City Clerk Hall: Mr. Chair, we do not have comment cards for this Item.

The acceptance of cards is closed.

Councilperson Guyton: So moved.

Councilperson Spiritis: Is there a second?

Councilperson Lanier: Second.

Councilperson Spiritis: Member Lanier seconds the motion.

Clerk, call the roll, please.

[Pause]

Councilperson Spiritis: There's no discussion, right?

Every… We discussed this already?

Councilperson Guyton: No.

We.., we don't need it. We don't…

Councilperson Spiritis: We've already discussed this.

Councilperson Guyton: …need a…

Councilperson Spiritis: [Inaudible].

Councilperson Guyton: …Staff presentation.

City Clerk Hall: Okay.

Councilperson Guyton: …None of that.

Councilperson Spiritis: Call the roll.

City Clerk Hall: Call the roll?

Councilperson Guyton: Let's.., let's…

Yes.

City Clerk Hall: Vice Chair Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson [Out].

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: Yes.

City Clerk Hall: Chairperson Dr. Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: The Item passes with Board Member Miller-Anderson out.

Councilperson Spiritis: Okay.

7b. <u>ITEM NO. 7B</u>

City Clerk Hall: Mr. Chair, we're on Item 7b.

City Clerk Hall: **RESOLUTION NUMBER 17-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, APPROVING A CONTRACT WITH JOHNSON-DAVIS, INC. TO PIGGYBACK THE LAKE WORTH BEACH CONTRACT AND HINTERLAND GROUP, INC. OF RIVIERA BEACH, FLORIDA TO PIGGYBACK THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT CONTRACT FOR WASTEWATER AND IRRIGATION QUALITY (IQ) WATER GENERAL CONSTRUCTION SERVICES AND EMERGENCY ON-CALL REPAIR SERVICES IN AN AMOUNT NOT TO EXCEED $600,000.00 FROM ACCOUNT NUMBER 41131101-559990; AUTHORIZING THE CITY OF RIVIERA BEACH**

UTILITY SPECIAL DISTRICT CHAIRPERSON AND THE UTILITY SPECIAL DISTRICT CLERK TO EXECUTE THIS CONTRACT; AUTHORIZING THE UTILITY SPECIAL DISTRICT FINANCE DIRECTOR TO MAKE PAYMENTS FROM ACCOUNT NUMBER 41131101-559990 IN THE AMOUNT UP TO 600,000.00 ANNUALLY; AND PROVIDING FOR AN EFFECTIVE DATE.

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845- 4053

City Clerk Hall: Mr. Chair, there are no comment cards for this Item.

The acceptance of cards is closed.

Councilperson Guyton: So moved.

Councilperson Spiritis: Is there a second?

Councilperson Davis Panier: Second.

Councilperson Spiritis: Member Davis Panier seconds the motion.

Are there any comments from the Board? Any questions?

Councilperson Lanier: Yeah.

I have a question. I had a question about this at the Agenda review. I have a heartburn with authorizing $600,000 as an open PO to be able to pay whatever comes up. I.., I don't like the… I think that, if we're going to pay anyone, especially over the $25,000 authority, it needs to come back to the Council.

To have a open PO to say that when something comes up then we'll pay it, I.., I don't.., I don't like that idea. I.., I like the fact that… And, even if that doesn't work that way, we can have an emergency policy that we go ahead and take care of these expenses.

But, to open a PO for $600,000, just in case something may happen, does not sit well with me.

Councilperson Spiritis: Director Gallant, you have a.., can you tell us what the purpose of this is?

Assistant Executive Director Gallant: So, the intention of this Resolution is to authorize amounts to do emergency repairs to force mains, water mains, and other items that break in the distribution system throughout the year.

Our hope is that we never use this but, unfortunately, due to the age of our system, we know we're gonna have to.

The.., the.., this… By passing this, this gives us the ability to pay our vendors quicker, it gives some security to the vendors that they know they're going to get paid in a timely manner. And, this helps facilitate these repairs and get these vendors to respond faster to our calls to reduce the amount of exposure we have with organizations, like the Health Department, Florida [stammer] Department of Environmental Protection, and others, that are looking at us and.., and look at how fast things take to respond.

Councilperson Spiritis: Director Gallant, can you come back to us to ratify the contracts afterwards?

Assistant Executive Director Gallant: Yes.

That is the intent. Actually, this is.., both of these contracts are contracts that we have been using at least since I've been here. We've been use'.., we've used both of these vendors in the past.

And, one of the Consent Agenda Items actually is a retro payment to a vendor for a line break that occurred. The intent is to.., anytime there is a break, as we have done in the past, we'll notify the Board of the break.

We'll notify the Board that we've called a contractor. And then once we have an idea of what the cost is going to be, which a lot of times, for example, the repair we did on Avenue G, the intent was to replace a five foot section that broke.

Because of.., of the [stammer] severe deterioration of that pipe, we wound up having to replace sixty feet of that line. So, you know, the cost went from very little and expanded, and it wasn't any control of our employees, the contractor, or anybody else, it was just due to the age of the line.

So, the intent is, once we have an idea of how much it's going to cost, that number will then be forwarded to the Board as well. And then, we'll have a separate Resolution that'll come back just to let you know, and let the public know, that, of the $600,000, we had to use 'x' amount of dollars to make this repair in this area so everybody understands what's going on.

Councilperson Spiritis: Any other comments from the Board?

Councilperson Miller-Anderson: Yes.

Mr. Chair?

Councilperson Spiritis: Yes.

Councilperson Miller-Anderson: Yeah.

I had an issue with this Item as well. In light of some circumstances that we are currently going through, I do not.., I don't trust this process at. And, I think that the way in which we're doing it now, having to come to us [stammer] first, instead of just having this open, would be the very best way to do it because at least we have some sort of checks and balances, we're able to put.., get a handle on it before it's taken off. And then, trying to pull it back will never happen.

I.., I.., I certainly will not be supporting this. Why does it have to be so much? Why is that.., where'd the $600,000 come from?

Assistant Executive Director Gallant: 'Cause we've done research over the last few.., over the last year of repairs that we've made and that's about what it comes out to.

This is similar to what we did with our chemicals at the water plant, instead of bringing the stuff to you every single month, creating ten page agendas, by doing this, you know, we shorten the.., the Agenda. We can have one item that says we did this, this, this, this, and this. It's all in one item.

So, it goes, like.., it can be on Consent.

Councilperson Miller-Anderson: Yeah.

I'm.., I'm absolutely fine with having the ten page Agenda. That means we're gonna be able to monitor the money a little better. I'm not concerned about how long the Agenda is. I mean, if we have to do the work, we have to do the work.

But, I definitely wanna be aware of what it is that we're spending and not just saying, 'Oh, we have this amount open. This is what we've spent in the past.' Well, that may not be the case going forward.

But, we have to have better checks and balances and transparency, and being able to know why we're spending the money and not just having it made available and then tell us after the fact what was spent.

I'm just not.., I'm not comfortable with that at all, at this point, anymore.

Assistant Executive Director Gallant: So…

Councilperson Miller-Anderson: Thank you.

Assistant Executive Director Gallant: So, just for clarity, both of these contracts, as I said, [stammer] have already been in use for a.., a long period of time in the City.

They are negotiated contracts with individual bid items. It's stated exactly how much the items are gonna cost. That was included in the backup for.., for both of these vendors…

Councilperson Miller-Anderson: So, what's different about what we're trying to do now from what we're already doing then? Why don't.., why don't we just keep doing what we're already doing?

Assistant Executive Director Gallant: Well, we're trying to provide some guarantee that the vendor's actually gonna get paid in a timely manner.

Councilperson Miller-Anderson: But why wouldn't they get paid in a timely manner?

Assistant Executive Director Gallant: Well, the Item 2a, for example, the.., the break was in February.

By the time they got the bill to us, the Mar'.., the February Agenda had already closed so it didn't…

Councilperson Miller-Anderson: But.., but who…

Assistant Executive Director Gallant: …[inaudible]…

Councilperson Miller-Anderson: How.., how does that get to us?

How was that our fault that they didn't get paid? Was it that it wasn't brought to us? Or, what happened? How does that work?

Assistant Executive Director Gallant: Becau'.., well, my understanding is that it.., because this takes so long.

It takes forty-five to ninety days to pay a vendor because it's gotta come to the Boar'.., it's gotta.., the repair happens, the vendor outlays money for materials, for labor and everything else.

Then, it has to come before the Board, then it has to be signed by the Board, then a purchase order has to be obtained.

Councilperson Miller-Anderson: Right.

And that's just part of the process. And, I think every contractor understands that they.., they don't do the work today and get paid tomorrow. That's just part of business. And what.., what do have [inaudible] between thirty and forty-five days, is that's what…

If we've been getting.., getting.., meeting those deadlines. I don't understand why all of a sudden now, we need to pay people tomorrow after they've done the work today. That ju'.., that's not how that works with contractors.

And.., and, they under'.., they should understand that. I'm sure they do understand that.

Assistant Executive Director Gallant: So, we're just trying to provide some security to our vendors 'cause we have a [stammer] number of vendors and contractors who will not work with us unless it's either COD or there's some kind of purchase order.

I had a call today with a.., with a vendor that we deal with that said we're about to lose our line of credit because we're sixty days past due 'cause they haven't…

Councilperson Miller-Anderson: Well, that part shouldn't happen.

Councilperson Guyton: Talk into the mic. Excuse me.

Could you talk into the mic? [Inaudible].

Councilperson Miller-Anderson: Yeah.

That part, I would say we need to correct but I don't think the correction needs to happen with us just giving this open amount and then making sure that they're paid tomorrow, after they do the work today.

So, I don't support it. I mean, I.., I know you can probably have a.., a gazillion reasons why but, as a contractor, that's what they're used to. And.., and I.., I'm not in support of being able to change this for the money to get away quicker.

That's just my.., my side.

Thank you.

Councilperson Lanier: And…

Councilperson Spiritis: Any other comments from the Board?

Councilperson Lanier: And, Chair, yes.

I just wanna…

Councilperson Spiritis: Yes.

Councilperson Lanier: …add that this was.., this was an issue for me with the generator where it was brought.., we had a.., we already had it set up in the budget for a generator but then it was bought, then came back to us after the fact.

And, that is what would happen with this and I don't want that to happen again. We have to have some transparency, some checks and balances where if [stammer] a contractor does work for the City, then they get paid.

I think that that is something that needs to be worked out through the Finance Department in terms of how often, or how long it takes for them to get paid. That's something that needs to be worked out in that vein, not with the Board having to put up $600,000 just in case something may happen.

And, I think that that's.., that open PO, and that kind of stuff, just does not lend itself to transparency for.., for this Board.

Councilperson Spiritis: Any other questions from the Board?

[Pause]

Councilperson Spiritis: Clerk.

City Clerk Hall: Vice Chair Davis Panier?

Councilperson Davis Panier: No.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: No.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: No.

City Clerk Hall: Chairperson Dr. Spiritis?

Councilperson Spiritis: No.

City Clerk Hall: That Item fails with Board Member.., with Vice Chair Davis Panier, Board Member Miller-Anderson, Board Member Lanier, and Chairperson Dr. Spiritis dissenting.

Councilperson Spiritis: Chair?

I mean, Clerk. Next.

7c. <u>ITEM NO. 7C</u>

City Clerk Hall: Mr. Chair, we are on Item 7c.

City Clerk Hall: **RESOLUTION NUMBER 20-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, AUTHORIZING THE CITY MANAGER TO ISSUE A PURCHASE ORDER IN AN AMOUNT NOT TO EXCEED A GUARANTEED MAXIMUM PRICE (GMP) OF $37,021,475.26 TO HASKELL CDM SMITH JOINT VENTURE FOR GMP 6 FOR THE CONSTRUCTION OF A NEW RAW WATER TRANSMISSION MAIN IMPROVEMENTS; AUTHORIZING THE UTILITY SPECIAL DISTRICT FINANCE DIRECTOR TO MAKE PAYMENTS FROM PROJECT 23046 IN AN AMOUNT NOT TO EXCEED $37,021,475.26; AND PROVIDING FOR AN EFFECTIVE DATE.**

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845- 4185

City Clerk Hall: Mr. Chair, we do have one comment card for this Item.

The acceptance of cards is closed.

Councilperson Guyton: So moved.

Councilperson Spiritis: Is there a second?

[Pause]

Councilperson Spiritis: I'll second the motion.

Councilperson Miller-Anderson: Mr. Chair?

Councilperson Spiritis: Yes.

Councilperson Miller-Anderson So, after we do the motion and the second, then we go to the Manager so he can…

Councilperson Spiritis: Yes.

Yes. I…

Councilperson Miller-Anderson …tell…

Councilperson Spiritis: …I understand.

I just wanted to make clear that I second the motion.

Councilperson Miller-Anderson: Yeah.

But, [inaudible] twice.

Councilperson Spiritis: Okay.

Director Gallant, you want to give us an update on this, please?

Assistant Executive Director Gallant: Yes.

Mr. Chair, the Item before you is GMP-6. This is for the raw water transmission main to.., for the main to be installed from the six Floridan wells and the two surficial wells to the new water treatment plant.

This pipeline is critical to the operation of the plant, as we're doing all this work with the wells. If we can't get the water from the wells to the plant, they won't do us much good. So, the

idea is that this pro'.., this project is a.., a continuation of the GMP process to install the raw water transmission mains to the new water plant so that we can use that water for our new process.

Councilperson Spiritis: Any questions from the Board?

[Pause]

Councilperson Spiritis: Clerk, pub'.., public comment.

City Clerk Hall: Fane Lozman.

Mr. F. Lozman: Fane Lozman.

This Item is for $37 million and you're just rushing it through 'cause you realize that this Board should've ended at 6:00 o'clock. The Utility Special District Board, that's a secondary board. The primary board in this City is the City Council.

People who came to speak tonight and understand the work of the City, they left. They have to go to work. They have to take their children to daycare. What is going on with the five of you?

[Stammer] there's gotta be somebody there that has a clue that the City Council is time certain, really at 6:00 o'clock. This is a secondary Board. You can do it at anytime you want but you cannot deprive the members of the public the right to participate at a public meeting.

I think you're really violating the Sunshine Law, the five of you. I'm gonna talk to the First Amendment Foundation, which I'm a member of the Sunshine Brigade, but I think you're violating the Sunshine Law.

You're purposely running this meeting over so the public will not participate in the City Council meeting. So, the five of you better get your act together. Adjourn this meeting and get on with the order of the business of the City.

Councilperson Spiritis: Thank you for your comment.

City Clerk Hall: Mr. Chair, that's the end of public comment.

Councilperson Spiritis: Any questions from the Board?

[Pause]

Councilperson Spiritis: Being none.

Clerk.

City Clerk Hall: Vice Chair Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: No.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: No.

City Clerk Hall: Chairperson Dr. Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: The Item passes with Board Member Lanier and Miller-Anderson dissenting.

Councilperson Spiritis: Clerk.

City Clerk Hall: Mr. Chair, we are on Item 7d. Resolution number…

Councilperson Lanier: I'm.., I'm sorry.

I didn't mean to interrupt you.

Can I make a motion to adjourn this meeting so that we can get started with our Council.., City Council meeting?

[Inaudible audience comment]

Councilperson Spiritis: Is there a second to the motion?

Councilperson Miller-Anderson: I'll second.

With a question, I mean, comment.

Councilperson Spiritis: Okay.

Any comments from the Board on this?

Councilperson Miller-Anderson: Madam.., Mr. Chair?

Councilperson Spiritis: Okay.

Call the question. Clerk.

Councilperson Miller-Anderson: Oh.

Well, no. I.., I was…

Councilperson Spiritis: Oh, you had…

Councilperson Miller-Anderson: ...getting ready to ask.

Councilperson Spiritis: …a.., you had a question?

Councilperson Miller-Anderson: Yeah.

Councilperson Spiritis: I thought you.., I thought you were calling the question.

Councilperson Miller-Anderson: No.

I can't call the… No.

Councilperson Spiritis: Okay.

Councilperson Miller-Anderson: Mr. Manager?

Interim City Manager Wilkins: Yes, ma'am.

Councilperson Miller-Anderson: Is.., are.., do we have any Items on here that are time sensitive, that needs to be completed or these are okay to come back?

Interim City Manager Wilkins: Mr. Gallant will…

Assistant Executive Director Gallant: Yes.

Item 7d, seven.., actually seven.., at least 7d and 7e.., actually, 7f as well because they're getting ready to do an over'.., an overlay at Lone Pine Estates and this project 7f has to be done before they can start.

Councilperson Miller-Anderson: So, [stammer] what, is it a problem over there that it has to be done right now?

Assistant Executive Director Gallant: Yeah.

The.., the lines are starting to fail, the.., we have a lot of potholes and we don't wanna mill and overlay the road and then turn around and have to fix the road because of the equipment tearing it up, or more potholes forming under the brand new paved.., paving that the City just paid for.

Councilperson Miller-Anderson: So, that's just 7f, right?

Assistant Executive Director Gallant: And, then 7d is a companion to the cross connection control Ordinance that you passed last.., two weeks ago, and the manual is the companion to that that's required in order to enforce the Ordinance.

Councilperson Miller-Anderson: 7d and 'e' together?

Assistant Executive Director Gallant: Yeah.

Seven.., well, no. 7d and 7f, and then 7e is for Brown and Caldwell to provide engineering and other services to the District for oversight of GMP-5, which if this isn't.., doesn't pass, then we have no owner engineering services, owner rep services for GMP-5.

Councilperson Miller-Anderson: Okay.

Thank you.

Councilperson Spiritis: Any other questions?

[Pause]

Councilperson Spiritis: Clerk.

Councilperson Guyton: Could you repeat the motion?

Councilperson Lanier: The…

City Clerk Hall: The mo'…

Councilperson Lanier: …motion is to adjourn this meeting to start our City Council meeting.

The Items that we have left, we can bring them to the next meeting or we can do a special meeting to dispose of these.

Councilperson Miller-Anderson: Um…

Oh, it's too late for that. I was thinking about tomorrow.

Councilperson Spiritis: Member Miller-Anderson, you have a question?

Comment?

Councilperson Miller-Anderson: No, no, no.

I was just thinking. I was gonna say we can put it along.., put it on the same day as the other special meeting but it's too late.

Councilperson Spiritis: Okay.

Clerk.

City Clerk Hall: Vice Chair Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: No.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: No.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: Yes.

City Clerk Hall: Chairperson Dr. Spiritis?

Councilperson Spiritis: [Inaudible].

City Clerk Hall: I didn't hear…

Councilperson Spiritis: No.

City Clerk Hall: You said no?

Councilperson Spiritis: No.

City Clerk Hall: Okay.

So, it fails with Board Member Miller-Anderson, Board Member Davis Panier, and Chairperson Dr. Spiritis dissenting.

Councilperson Guyton: Can we keep it moving now to the next Item?

Councilperson Spiritis: Yeah.

Clerk.

7d. <u>ITEM NO. 7D</u>

City Clerk Hall: Mr. Chair, we are on Item 7d.

City Clerk Hall: **RESOLUTION NUMBER 13-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, ADOPTING THE 2026 CROSS-CONNECTION CONTROL MANUAL; PROVIDING FOR IMPLEMENTATION, SEVERABILITY, AND AN EFFECTIVE DATE.**

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845- 4051

City Clerk Hall: There are no comment cards on this Item.

The acceptance of cards is closed.

Councilperson Guyton: So moved.

Councilperson Spiritis: Is there a second?

Councilperson Davis Panier: Second.

Councilperson Spiritis: Member Davis Panier seconded the motion.

Assistant Executive Director Gallant: Mr. Chair, this Item is the cross connection control…

Councilperson Guyton: Excuse me.

Councilperson Guyton: You just gave us a briefing on what these three Items were.

Could.., Mr. Chair, could we just have the question called, please.

Councilperson Miller-Anderson: I would like to hear…

Councilperson Lanier: Yeah.

I…

Councilperson Miller-Anderson: …as well as the…

Councilperson Guyton: But he just…

Councilperson Miller-Anderson: …public.

Councilperson Guyton: …explained it.

Councilperson Miller-Anderson: No, he didn't.

He gave us…

Councilperson Guyton: Yes, he…

Councilperson Miller-Anderson: …overview.

So, he…

Councilperson Lanier: [Stammer].

Councilperson Miller-Anderson: …needs to give a…

Councilperson Lanier: Yeah.

Councilperson Miller-Anderson: …presentation like he would…

Councilperson Spiritis: Yes.

Councilperson Miller-Anderson: …normally do for an Item.

I don't wanna rush through these. If we're trying to rush through these, then we can make it be another night. I don't.., you know, I can…

Assistant Executive Director Gallant: [Inaudible].

Councilperson Guyton: [Inaudible].

Only thing I'm saying is we all had Agenda reviews.

Councilperson Miller-Anderson: But it's for…

Councilperson Guyton: He just…

Councilperson Miller-Anderson: …the public too.

Councilperson Guyton: He just explained it again.

[Inaudible audience comment]

Councilperson Guyton: And, this'll be…

But, whatever the Council…

[Inaudible audience comment]

Councilperson Guyton: …wanna do.

Councilperson Spiritis: Hold your comments.

Thank you. Mr…

[Inaudible audience comment]

Councilperson Spiritis: …Mr. Guyton.

Councilperson Miller-Anderson: Can I hear the presentation?

Can he…

Councilperson Spiritis: Yes.

Councilperson Miller-Anderson: …finish?

Councilperson Spiritis: Yes.

Mr…

Councilperson Miller-Anderson: Okay.

Councilperson Spiritis: …Gallant, please give your explanation.

Assistant Executive Director Gallant: Alright. Thank you, Mr. Chair.

So, this is the companion cross connection control manual to the Ordinance that you.., you guys passed in the last two Council meetings. This manual has all the details and explains the processes and everything that's required by the Department of Health as part of the Ordinance and the manual's companion to that required by the Health Department.

Councilperson Spiritis: Any other questions?

[Pause]

Councilperson Spiritis: Clerk.

City Clerk Hall: Vice Chair Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: Yes.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: Yes.

City Clerk Hall: Chairperson Dr. Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: That's a unanimous vote.

7e. <u>ITEM NO. 7E</u>

City Clerk Hall: Mr. Chair, we are on Item 7e.

City Clerk Hall: **RESOLUTION NUMBER 21-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA APPROVING THE PROPOSAL FROM BROWN AND CALDWELL TO PROVIDE ENGINEERING SERVICES RELATED TO GMP #5, RAW WATER TRANSMISSION, GMP #6, AND FINISHED WATER TRANSMISSION SYSTEMS, GMP #7; AND AUTHORIZING THE DISTRICT'S FINANCE DIRECTOR TO MAKE PAYMENTS FROM PROJECT NUMBER 23041 IN AN AMOUNT NOT TO EXCEED $6,708,314.00; AND PROVIDING AN EFFECTIVE DATE.**

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845-4185

City Clerk Hall: Mr. Chair, there are no comment cards on this Item.

The acceptance of cards is closed.

Councilperson Guyton: So moved.

Councilperson Spiritis: Is there a second?

Councilperson Davis Panier: Second.

Councilperson Spiritis: Seconded by Member Davis Panier.

Assistant Executive Director Gallant: Alright. Mr. Chair?

Councilperson Spiritis: Yes.

Assistant Executive Director Gallant: So, this Item before you is from Brown and Caldwell to provide engineering related services for GMP-5, GMP-6, and GMP-7.

The original agreement negotiated with the Board at the beginning of this process is that they oversaw the services for GMP-1, 2, 3, and 4. And then, GMP-5, up to the point of which the bid was issued or which the bid was awarded.

This will continue out the project from GMP-5, 6, and 7 and provide the engineering and owner direct services. The method of [stammer].., of procurement for this was through a procurement that was issued on June 7, 2024 for continuing consulting services for Utility Special District water and wastewater services that was approved by this Board on February 19, 2025. And that bid.., that award is good for three years.

Brown and Caldwell was the category two provider in [stammer] of all the firms to provide water services to the District.

Councilperson Spiritis: Any questions?

Councilperson Lanier: Yeah.

I had a question about this in the Agenda review. When we talked about Brown and Caldwell doing 5, 6, and 7, I remember you telling me that they did 1, 2, 3, 4, and 5 and at number 5, the contract ended.

And, I wanted to know at the time, [inaudible] get me the information about providing $6.7 million to them without a solicitation. How does that work? Because, I understand that they were the ones that were chosen for 1 through 5.

But now, that we're at 6, 7, and 8, that contract has ended, the 1 through 5. So, how does that work? Did they.., did this go out? Did.., did… Was it a for'.., was.., was it formally put out to bid?

What.., how was it procured? Were there other vendors who were considered? That kinda thing. I'm.., I'm just trying to make sure that this was done in a way that was procured properly, especially, given the fact that their contract for 0 through 5.., or, 1 through 5 ended.

Interim City Manager Wilkins: Mr. Chairman?

Councilperson Lanier: Yes.

Interim City Manager Wilkins: I'd like to have the Procurement Director respond to that, please.

Procurement Director Ammons: Good evening. LaTonya Ammons, City of [stammer] Riviera Beach, Director of Procurement.

For this particular Item, there was a Request for Proposal Number 1105-24-3. It was a CCNA solicitation. It was issued on June 7, 2024. Under that particular solicitation, Caldwell.., Brown and Caldwell was awarded to.., under category two. And so, through that particular solicitation, that we can select for this particular project.

So, the CCNA solicitation was for a three year term with two one year renewals. I believe we're in year two of this particular solicitation. And, the purpose of the CCNA is to have a pool and to use those particular companies when the need arises.

But, the procurement was done back in June of 2024.

Councilperson Lanier: Right.

I think I understand that. But, what I don't understand is that if the contract was written for 1 through 5 and we're doing 6, 7, and 8, were there any other members in the pool to be considered?

Procurement Director Ammons: So, the members.., there may have been members in the pool to consider but with the pool, the Utility Director or the, you know, Director at that particular time, can select a vendor that they would want to continue to work with.

So, a pool means that these person are available. Pools are different. They can be categorized as to.., divided by specialty…

Councilperson Lanier: No.

I understand that. I understand that totally. I'm saying that if you have a pool of A, B, and C, and the contract for A is done, do you not go to B and C and ask can they do the job or do you just automatically go back to A because they did it originally?

Procurement Director Ammons: You have the option to do either.

Councilperson Lanier: Okay.

So, the contract says that you can go and do a whole new contract with the same person because they're in this pool?

Procurement Director Ammons: Yes.

Now, this is my [stammer].., the contracts that we do have associated with the pool, we have a standard contract for all of them. They're all under contract. It's just when we wanna pull the trigger and use them for a particular project.

So, it's not necessarily that the contract expired, it is all of the.., all of the ones for the CCNA have a three year term, we're just in year two. So, we selected them for GMP, what, 1 through 5?

And now, they're being selected for 5, 6, and 7.

Councilperson Lanier: Right.

And I.., I get that. I don't wanna.., I don't wanna beat that. But, I'm.., I'm just saying that I just wanted to make sure that, in your pool, that.., that.., that other people were considered for that.

And, I understand you would want to go to the people who had done 1 through 5 to do, you know, 5, 6, 7. I understand that. I just wanted to make sure it was a fair process. But that kinda gives me more information.

Thank you.

Procurement Director Ammons: Thank you, ma'am.

Councilperson Spiritis: Any other comments from.., from the Board?

[Pause]

Councilperson Spiritis: Clerk.

City Clerk Hall: Vice Chair Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: Yes.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: No.

City Clerk Hall: Chairperson Dr. Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: The Item passes with Board Member Lanier dissenting.

7f. <u>ITEM NO. 7F</u>

City Clerk Hall: Mr. Chair…

Councilperson Spiritis: Clerk.

City Clerk Hall: …we are on Item 7f.

City Clerk Hall: **RESOLUTION NUMBER 18-26UD: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, APPROVING THE PROPOSAL FOR GRAVITY SEWER MAIN LINING IN LONE PINE ESTATES FROM HINTERLAND GROUP INC. IN AN AMOUNT NOT TO EXCEED $1,427,780.00 FROM THE USD WASTEWATER SYSTEM RENEWAL AND REPLACEMENT PROJECT NUMBER 23035, ACCOUNT NUMBER 41231104-563000, SEWER MAIN LINE FOR THE SANITARY SEWER COLLECTION SYSTEM; AND AUTHORIZING THE UTILITY SPECIAL DISTRICT FINANCE DIRECTOR TO MAKE PAYMENTS FROM THE USD WASTEWATER SYSTEM RENEWAL AND REPLACEMENT PROJECT NUMBER 23035, ACCOUNT NUMBER 41231104-563000, IN AN AMOUNT NOT TO EXCEED $1,427,780.00; AND PROVIDING AN EFFECTIVE DATE.**

RICHARD GALLANT, INTERIM EXECUTIVE DIRECTOR, UTILITY SPECIAL DISTRICT, (561) 845- 4185

City Clerk Hall: Mr. Chair, we have one comment card on this Item.

The acceptance of the cards is closed.

Councilperson Guyton: So moved.

Councilperson Lanier: Second.

Councilperson Spiritis: Second?

Okay. Seconded by Member Lanier.

[Pause]

Councilperson Spiritis: Clerk, public comment.

City Clerk Hall: We have one public comment card.

Fane Lozman.

Councilperson Miller-Anderson: Did.., did they do the presentation already?

Councilperson Lanier: They usually give a presentation before we have public comment.

Councilperson Miller-Anderson: Mr. Chair?

Councilperson Spiritis: Yeah.

So, Mr. Lozman, you wanna wait one minute, please, and we'll have Mr. Gallant…

Councilperson Lanier: Just kind of.., he can explain to us what it is.

Councilperson Spiritis: …do the.., do his presentation. Thank you.

Assistant Executive Director Gallant: Mr. Chair, if I may?

So, this project is a lining project for the Lone Pine Estate area. We did an assessment of that area in preparation for the milling and overlay and multiple complaints we had had from the residents about potholes and other asphalt issues in the area where our gravity sewer is.

When our.., when we went through and did the inspection, we found a number of the petrolic clay pipe that had.., has starting to fail. At this time, we believe the best solution is a nondestructive method of lining.

It is less expensive than digging up and replacing the lines. And, it'll add another fifty to sixty years of life to these lines.

Councilperson Spiritis: Mr. Gallant, there's been some pressure problems in Lone Pine area as well.

Are you taking care of that in the near future?

Assistant Executive Director Gallant: Some what?

I didn't hear you.

Councilperson Spiritis: Pressure.., water pressure issues.

Assistant Executive Director Gallant: That will be addressed at a future date. Yes.

But, that is…

Councilperson Spiritis: Okay. But that...

Assistant Executive Director Gallant: …under consideration.

Councilperson Spiritis: We're not gonna have to rip up the road again to fix this, right?

Assistant Executive Director Gallant: Most of the water mains are in the swale.

Councilperson Spiritis: Okay. Great.

Thank you.

Assistant Executive Director Gallant: So, it'll be a limited amount of exposure to the…

'Cause the sewer is right smack in the middle of the road and the water mains are off to the.., off to the side in the swales.

Councilperson Spiritis: Okay.

Any.., any other questions before we go to public comment, from the Board?

[Pause]

Councilperson Miller-Anderson: No.

Councilperson Spiritis: Okay.

Mr. Lozman:

Mr. F. Lozman: Fane Lozman.

First, why are we paying for the sewer line? This with the North Bay Villages and impact fee and Lone.., Lone Estates, wherever the hell they are, they'd have to pay for that. I mean, the people can't afford the water they have now, there should be impact fees on these developers where they pay for these bills.

You can say, 'Listen, you want a building permit? You gotta run your own sewer line through your property.' You know? That.., that's what a Board should discuss. But they should discuss it as a secondary Board and not put the City Council Agenda two hours late already.

It's just.., it's just shameful. I can't.., I can't understand why… Look how many people left. The public works. These men and women who worked today, they came in their t-shirts to participate and they had to leave to go back to work.

Like, people are talking to you and you're not listening. The people that come and.., and pay your salaries to sit on this Board, which you shouldn't even get a $1,000 a month, because you voted [stammer] yourself to get that money, and that's not in the Charter.

Those people who voted you up there wanted to participate in the meeting and you were purposely dragging this out and not continuing it to another day. A secondary Board does not take priority over the City Council.

I can't believe nobody… I.., I see Ms. Panier shaking her head. I think she understands what this is all about. But everybody else is just sitting up there, we don't care if we disenfranchise the people who worked hard during the day for the City and then came to participate and now they can't participate.

Why are you continuing to hold this meeting? You know, it's like, 'Oh, we're just gonna prove a point. We don't give a damn about the people in here.' Well, these people don't.., they.., they took their time to come here, they wanna participate in the City Council meeting and you are refusing to do that.

So, I wonder why you're doing that? That's really malfeasance. You can't have a secondary Board supplant the City Council meeting. And that's what you've done tonight. And it's shameful.

Councilperson Spiritis: Thank you for your comment.

City Clerk Hall: Mr. Chair, that's the end of public comment.

Councilperson Spiritis: Okay.

Any other questions from the Board?

[Pause]

Councilperson Spiritis: Okay.

Madam Clerk.

City Clerk Hall: Vice Chair Davis Panier?

Councilperson Davis Panier: Yes.

City Clerk Hall: Board Member Guyton?

Councilperson Guyton: Yes.

City Clerk Hall: Board Member Miller-Anderson?

Councilperson Miller-Anderson: Yes.

City Clerk Hall: Board Member Lanier?

Councilperson Lanier: Yes.

City Clerk Hall: Chairperson Dr. Spiritis?

Councilperson Spiritis: Yes.

City Clerk Hall: That's a unanimous vote.

Councilperson Spiritis: Okay.

In order to expedite matters, we'll just ask the Executive Director and the.., and the City Manager for comments.

8. ITEM NO. 8

DISCUSSION AND DELIBERATION

9. ITEM NO. 9

CONFIRMATION OF DIRECTION

10. ITEM NO. 10

DISCUSSION BY CITY MANAGER/EXECUTIVE DIRECTOR

Councilperson Spiritis: City Manager first.

Interim City Manager Wilkins: In the interest of time, no comments at this time.

Councilperson Spiritis: Thank you.

Director Gallant.

Assistant Executive Director Gallant: Mr. Chair, in the interest of time, I don't have any more comments.

But, I do wanna thank you for allowing me to serve in the Interim Executive Director position.

Councilperson Spiritis: Okay.

Thank you.

11. ITEM NO. 11

DISCUSSION BY DISTRICT ATTORNEY

item not heard

12. ITEM NO. 12

STATEMENTS BY THE MAYOR AND BOARD

Item not heard

Councilperson Spiritis: Being no other comments.

We're not gonna have comments from the Board Members tonight to move things on. This meeting is…

Councilperson Guyton: Uh…

Councilperson Spiritis: Is there a motion?

Councilperson Guyton: Mr. Chair?

Councilperson Spiritis: Yes.

Councilperson Guyton: And, we're gonna move right into our next meeting.

As the Chair, I'm gonna start the meeting immediately. When you hit that gavel, we're going right into the City Council meeting.

Councilperson Spiritis: Okay.

ADJOURNMENT

Councilperson Spiritis: This meeting is adjourned.

Thank you.

[Gavel]

[End of video/audio]

City Employees, Public Speakers and Others

Interim Executive Director Richard Gallant .....Interim Executive Director Gallant

Brown and Caldwell – Engineer – Nigel Grace.....Mr. N. Grace

Haskell Company – Project Development.....Mr. M. Hoisington
Director Michael Hoisington

CDM Smith – Senior Environmental Engineer .....Ms. S. Mechler
Suzanne Mechler

U.S. Water Services – Project Manager.....Mr. M. Miller
Michael Miller

GlobalTech – Engineering Director.....Mr. B. Selle
Brandon Selle

Fane Lozman.....Mr. F. Lozman

Annette Dragon.....Ms. A. Dragon

Lloyd Brown .....Mr. L. Brown

Cindy March .....Ms. C. March

Delores Williams.....Ms. D. Wiliams

Rochelle Hughes .....Ms. R. Hughes

Doretta Paulk.....Ms. D. Paulk

Procurement Director LaTonya Ammons.....Procurement Director Ammons

Riviera Beach - Utility Special District

To: Honorable Mayor, Chairperson and Board Members

From: Joshua Niemann, Utility Special District Executive Director

Through: William Wilkins, Interim City Manager

Subject: **Resolution Number 26-26UD: A Resolution of the Utility Special District Board of Directors of the City of Riviera Beach, Palm Beach County, Florida authorizing the Board to appoint Joshua Niemann, Executive Director of Utility Special District to the East Central Regional Wastewater Treatment Facility (ECR) Board according to the Interlocal Agreement signed September 9, 1992, and the renewal of the ECR Interlocal Agreement signed April 20, 2010; and providing for an effective date.**

Date: July 14, 2026

CC: General Public

Background:

The City of Riviera Beach entered into an Inter-local Agreement on September 9, 1992 establishing duties and responsibilities among the entities for the operations of the East Central Regional Wastewater Treatment Facilities (ECR). The City's participation in the ECR provides a unified system of wastewater services and it tends to assure the continued provision of a safe and healthy environment for such operations.

Section 4 of the Inter-local Agreement requires that the ECR Board be comprised of five (5) members, one from each local user entity, who shall be the designated official Board members. Each entity shall appoint a member and alternate, who shall represent in the absence of the designated member. At this time, staff is recommending that the Board appoints Joshua Niemann, Executive Director, as the representative to the District.

City Goals:

The Citywide Goal is to Accelerate Operational Excellence.

Fiscal/Budget Impact:

There are no Budget or Fiscal impacts for this Item.

Recommendation:

Staff recommends a Motion to approve Resolution Number 26-26UD.

Attachments:

1. Resolution_26-26UD_ECR_Board_Appointment_Resolution.docx
2. 1992 09 09 Interlocal Agreement ECR.pdf
3. Resolution_26-26UD_ECR_Board_Appointment_Letter.docx

Resolution Number 26-26UD

A Resolution of the Utility Special District Board of Directors of the City of Riviera Beach, Palm Beach County, Florida Authorizing the Board to Appoint the Joshua Neimann, Executive Director of Utility Special District to the East Coast Regional Wastewater Treatment Facility (ECR) Board According to the Interlocal Agreement Signed September 9, 1992 and the Renewal of the ECR Interlocal Agreement Signed April 20, 2010; and appoint Richard Gallant as the Alternate to the East Coast Regional Wastewater Treatment Facility (ECR) Board; and Appoint the Joshua Neimann, Executive Director as the Authorized Signee for all Palm Beach County Health Department Documents Pertaining to the Utility Special District and its Service Area; and Providing for an Effective Date.

WHEREAS, the City of Riviera Beach entered into an interlocal agreement on September 9, 1992, establishing certain duties and responsibilities shared among respective local entities which utilize the services provided by the East Central Regional (ECR) Wastewater Treatment Facility; and

WHEREAS, Section 4 of the Interlocal Agreement requires that the ECR Board so created be comprised of five (5) members, who shall represent each of the local user entities and be designated as an official member; and

WHEREAS, the Utility Special District Board hereby appoints the Executive Director as the member for the East Central Regional (ECR) Wastewater Treatment Facility; and

WHEREAS, the Utility Special District Board hereby appoints the Assistant Utility Director as the alternate member for the East Central Regional (ECR) Wastewater Treatment Facility; and

Now, therefore, be it resolved by the Board of Directors of the Riviera Beach Utility Special District, as follows:

Section 1. That the City of Riviera Beach Utility Special District Board hereby appoints Joshua Neimann, Executive Director, for the Utility Special District to the ECR Board and Richard Gallant, Assistant Utility Director, as the alternate to the ECR Board.

Section 2. The Board appoints Joshua Neimann, Executive Director, as the authorized signee for all Palm Beach County Health Department documents pertaining to the Utility Special District.

Section 2: That the Resolution take effect upon passage and approval by the Utility Special District Board.

Passed and Approved this _____ day of June 2026

APPROVED:

_____
Glen Spiritis PhD
Chairperson

_____
Fercella Davis-Panier
Vice-Chairperson

ATTEST:

_____
Debrah Hall
Master Municipal Clerk
District Clerk

MOTIONED BY: _____

SECONDED BY: _____

B. GUYTON: ____

K. MILLER-ANDERSON: ____

S. LANIER: ____

G. SPIRITIS: ____

F. DAVIS-PANIER: ____

Reviewed as to Legal Sufficiency

_____
Dawn S. Wynn, District Attorney

Date:

_____

R92 1228D

INTERLOCAL AGREEMENT ESTABLISHING DUTIES AND RESPONSIBILITIES AMONG THE ENTITIES FOR THE OPERATION OF THE EAST CENTRAL REGIONAL WASTEWATER TREATMENT FACILITIES

THIS AGREEMENT entered into this 9 day of September 1992, by and among the CITY OF WEST PALM BEACH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "WPB;" PALM BEACH COUNTY, a political subdivision of the State of Florida, hereinafter referred to as "COUNTY;" the CITY OF LAKE WORTH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "LW;" the CITY OF RIVIERA BEACH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "RB;" and the TOWN OF PALM BEACH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "PB," collectively referred to as the "ENTITIES."

WITNESSETH:

WHEREAS, the COUNTY, LW, RB and PB currently have separate individual Interlocal Agreements with WPB, which involve the ownership, operation, maintenance, renewal, replacement and expansion of the existing East Central Regional Wastewater Facilities (the "FACILITIES"), as listed on Exhibit "A" - Interlocal Agreements.

WHEREAS, the ENTITIES believe that it is the most efficient use of their respective powers to cooperate with each other on a basis of mutual advantage to consolidate the separate Agreements into a single unified Interlocal Agreement, to own, operate and manage the FACILITIES, presently operated by WPB for the benefit of the ENTITIES, in a manner that will accord best with the citizens and utility consumers of the ENTITIES and with other geographic, economic and population factors influencing the needs and development of the ENTITIES; and

WHEREAS, the ENTITIES believe for the following reasons, without limitation, that it is essential, necessary and in the ENTITIES' best interest to establish rules and procedures under which WPB operates and manages the FACILITIES for the benefit of the ENTITIES.

(A) The ENTITIES must meet the comprehensive planning requirements of State law which mandate that each coordinate their community plans for future growth with available sources of funding and the availability of infrastructure. The provision of utilities is a major factor in such infrastructure coordination. The entering into of an Interlocal Agreement pursuant to Part I of Chapter 163, Florida Statutes (F.S.) will facilitate the ENTITIES' ability to meet their statutory mandate with respect to the utilities elements of the comprehensive plans.

(B) To provide for a unified system of wastewater service for Central Palm Beach County, to assure the continued provision of a safe and healthy environment for the users of the

FACILITIES.

(C) To ensure that the customers of the FACILITIES are provided efficient and cost-effective service and rates and assure that proper expansion of the FACILITIES will occur to meet the demands of development as approved in each jurisdiction.

(D) To ensure the public health, safety and welfare of the residents by establishing a cooperative arrangement among the ENTITIES to provide essential government services in the Central County area; and

WHEREAS, Chapter 163, F.S., Part I, provides a mechanism to accomplish the above-described purpose of the ENTITIES by permitting the joint exercise of any power, privilege or authority which each entity shares in common and which each might exercise separately.

NOW, THEREFORE, pursuant to Chapter 163, F.S., Part I, the ENTITIES do hereby enter into an Interlocal Agreement for the purposes as set forth herein, as follows:

1. **Purpose.** The purpose of this Interlocal Agreement is to establish uniform rules and procedures for the operation and management of the FACILITIES by WPB for the benefit of the ENTITIES, to provide wastewater treatment and disposal and sludge treatment and disposal services as herein defined in an economical and efficient manner and to provide wastewater treatment and disposal and sludge treatment and disposal services to all others who can be legally serviced.

2. **Legal Authority/Consent to Serve.** The ENTITIES designate and acknowledge that WPB shall be the ENTITY which formally retains legal title of the FACILITIES, which are held for the benefit of the ENTITIES, and WPB accepts full responsibility for the operation and management of the FACILITIES for the benefit of the ENTITIES, pursuant to the terms of this Agreement.

3. **Definitions.**

(A) "FACILITIES" shall mean and shall include all existing plant structures, equipment, piping, valves, roads, buildings, pumps, injection wells, electrical switchgear, and any improvement or expansion thereto required to receive, convey between process units, treat, stabilize, thicken, dewater, pump, and dispose of wastewater from the ENTITIES, and the real property and easements on which the FACILITIES are located, the real property encompassing the area described on Exhibit "B" - Legal Description, attached hereto, also commonly referred to as East Central Regional Wastewater Treatment Plant (ECRWWTP).

(B) "Commission" shall mean the governing body of WPB, which holds the operating permits for the FACILITIES and operates and manages the FACILITIES in accordance with this Interlocal

Agreement for the benefit of the ENTITIES.

(C) "Cost" as applied to the acquisition and construction of expansions, additions or improvements to the FACILITIES shall include the cost of construction or reconstruction, the cost of all labor, materials, machinery and equipment, easements and franchises of any nature whatsoever, finance charges, interest, the creation of initial reserve or debt service funds, bond discount, cost of plans and specifications, surveys and estimates of costs and revenues, cost of engineering, financial, audit and legal services and all other expenses necessary or incidental in determining the feasibility or practicability of such construction, reconstruction, administrative expenses or such other expenses as may be necessary or incidental to financing authorized by law, and including reimbursement of the ENTITIES for any monies advanced in connection with any of the foregoing items of cost.

(D) "Reserve Capacity" shall mean the capacity allocations as defined in Section 19 below, as shown on Exhibit "E" - Reserve Capacity Percentages.

(E) "Excess Flow" shall mean any three month moving average that exceeds Reserve Capacity.

4. **Establishment of BOARD Functions; Membership.** The ENTITIES hereby create an Operation BOARD (hereinafter referred to as the "BOARD"), under Section 163.01(7), to administer this Agreement. The BOARD shall have the powers enumerated in this Agreement and the additional powers enumerated in Section 163.01(7). The BOARD shall decide all matters related to the FACILITIES, including, but not limited to, approval of all construction contracts, FACILITIES budget and expansion of the FACILITIES and direct WPB as to the operation and management of the FACILITIES. The BOARD so created shall be comprised of five (5) members, one from each ENTITY, who shall be the designated Staff Officials from the respective ENTITIES. Each ENTITY shall appoint an alternate, whom shall represent the ENTITY in the absence of the designated Staff Official, but shall not vote.

(A) Voting of the members of the BOARD shall be by one (1) vote per ENTITY for Administrative and Parliamentary matters including, but not limited to, operating budget approval, establishment of flow charges and dispute resolution amongst the ENTITIES (the "Equal Voting Percentages").

(B) Voting on matters involving the expenditure of capital for existing FACILITY improvements and renewal and replacement items, including, but not limited to, consultant selection and removal, change orders, award of construction contracts, value engineering, approval of engineering documents and settlement of contractor and other third-party disputes, shall be weighted as follows (the "Weighted Voting Percentages"):

The voting percentages shall be calculated

according to each of the ENTITIES' respective reserve capacity. Each ENTITY shall have a minimum of one percent (1%) voting percentage in all BOARD decisions. A super majority vote of greater than fifty percent (>50%) of reserve capacity is required on any decision except as delineated in Paragraph A above. In addition to greater than fifty percent of capacity for a vote to pass, a minimum of three ENTITIES must vote in the majority.

(C) The BOARD members so appointed shall serve at the pleasure of the ENTITY by whom the BOARD member was appointed, and may be removed at any time by such ENTITY, without cause or requirement of hearing. Members shall be deemed to hold office until a successor has been appointed.

(D) WPB shall be charged with providing operational reports as reasonably determined by the BOARD and financial reports to be provided quarterly within 60 days from the end of the quarter in accordance with generally accepted accounting principles at the meetings along with recording the meetings, and providing minutes of the meetings to all members. The BOARD members shall elect a Chair of the BOARD to serve on an annual basis. The elected Chair in conjunction with WPB shall set the agenda for the meetings in accordance with the requests of the BOARD members. The BOARD members shall elect a Vice-Chair to serve as Chair in the Chair's absence.

(E) The BOARD shall meet regularly at least once in every quarter at such time and places as the BOARD may prescribe by rule and all meetings shall be publicly noticed. Special meetings may be held on the call of the Chair or any other two BOARD members, and, whenever practicable, upon no less than twenty-four (24) hours' notice to each member and the public. The BOARD shall determine its own rules and orders of business. A majority (three out of five ENTITIES) of the members of the BOARD shall constitute a quorum; but a smaller number may adjourn from time to time and may compel the attendance of absent members in the manner and subject to the penalties prescribed by the rules of the BOARD. No action of the BOARD, except as otherwise provided in the preceding sentence, shall be valid or binding unless adopted as set forth above.

(F) The BOARD may, from time to time, create subcommittees to address specific issues related to the operation, improvement, permitting and expansion of the FACILITIES. The subcommittees shall serve in an advisory role and shall only provide recommendations to the BOARD for action.

(G) Decisions of the BOARD shall be administered and carried out by WPB. As a mechanism to carry out the actions of the BOARD, the BOARD shall utilize the personnel, purchasing, industrial pretreatment, and Minority Business Enterprise policies and procedures of WPB currently in existence as of

June 17, 1992, Exhibit "F" - WPB Policies and Procedures, and shall consider any future changes to such policies and procedures proposed by WPB, taking into consideration changes to such policies and procedures approved by the Board.

5. **Wastewater Flow Charge Budget.**

A. The BOARD shall establish, and WPB shall implement, a Regional Wastewater Enterprise Fund. Wastewater flow charges will be implemented to provide sufficient funding to properly and efficiently operate and maintain the FACILITIES, to fulfill all bonding requirements, including coverage tests, and to maintain compliance with all regulatory requirements. The BOARD shall establish an annual budget from which the wastewater flow charges will be determined using the formula for sewer flow charges in Exhibit "C" - Flow Charge Formula. Wastewater charges shall be adjusted for increases or decreases accordingly for ancillary charges such as sludge processing as applicable. The formula for establishing flow charges may be modified as determined by the BOARD. Penalties will be assessed by the BOARD for ENTITY flows exceeding reserve capacity on a three-months moving average basis at the rate of 150% of normal charges.

(B) WPB shall submit to the BOARD a proposed annual budget not later than one hundred fifty (150) days prior to the completion of the fiscal year. The proposed budget shall detail the operational expenditures for the FACILITIES for the previous two (2) years, the current year-to-date expenditure, projected year-end total and a budgetary amount for the upcoming fiscal year. The budget shall include the line items as listed in Exhibit "D" - Budget Line Items. The BOARD shall approve a final budget by July 1st or as amended by the BOARD. WPB shall implement the approved budget.

(C) The annual budget shall include the projected costs of services of outside consultants necessary to assist in the operation, maintenance, operational improvement and regulatory compliance of the FACILITIES. The cost of these services shall be included in the wastewater flow charge formula.

(D) WPB shall report monthly to the BOARD members on the year-to-date expenditures and projected year-end costs by line item. WPB may request the BOARD amend the budget to adjust line item expenditures. In the event that the annual budget will not be sufficient to properly operate and maintain the FACILITIES during any fiscal year, WPB shall so notify the ENTITIES through the BOARD and a revised budget and flow charge shall be established by the BOARD. If the budget insufficiency is directly related to gross negligence on the part of WPB in implementing the annual budget, WPB shall be responsible for shortfall.

(E) Decisions of the BOARD shall bind all ENTITIES, and for such decisions, WPB, COUNTY, LW, RB, PB, shall in no way be liable to any of the other ENTITIES of the BOARD.

6. **Renewal and Replacement Fund.** The BOARD shall ensure that adequate funds are available for renewal and replacement (R&R) of the FACILITIES. R&R funds shall be deposited into a separate Agency Fund for the sole purpose of funding each ENTITY's pro-rata share of extraordinary expenses, renewal and improvements, or replacement of capital assets or any part thereof at the FACILITIES. An annual payment shall be made by each ENTITY into the R & R Agency Fund according to the following formula:

> (Replacement plant value) X (ENTITY reserve capacity percentage) X (one percent (1%)). Each ENTITY shall make R&R Agency Fund payments until the amount in the R&R Agency Fund allocated to such ENTITY has reached 10% of such ENTITY's proportionate share of the replacement plant value. No further payments to the R&R Agency Fund will be required by an ENTITY until that ENTITY's share of the Agency Fund falls below 5% of its proportionate share of the replacement plant value. At that time, annual payments shall again be made by the ENTITY until the 10% level has again been reached. The BOARD shall determine the replacement plant value of the FACILITIES at the first meeting of the BOARD every fiscal year, absent which the previous year's value shall carry over until changed by the BOARD. The replacement value as of the effective date of this Agreement shall be as shown on Exhibit "G" - Replacement Plant Value.

Under no circumstances shall any ENTITY's proportionate share of the R&R Agency Fund drop below 1% of its proportionate share of the replacement plant value, except when directed by the Board. From time to time the BOARD may require special non-annual payments be made by each ENTITY to the R&R Agency Fund in anticipation of projects which will require additional funding. Such special non-annual payments shall be calculated in accordance with each ENTITY's Reserve Capacity Percentage of anticipated project costs. All interest earned by the R&R Agency Fund shall accrue to the R&R Agency Fund and be credited proportionately to each ENTITY's account.

All funds currently held by WPB or in escrow on behalf of each ENTITY shall be transferred to the R&R Agency Fund upon execution of this Agreement and shall accrue to such ENTITY'S account, limited to 10% of such ENTITY's replacement plant value at the request of the ENTITY. This accrual may require an ENTITY to commence making annual payments hereunder while other ENTITIES may already have attained their 10% maximum in the R&R Agency Fund. WPB shall submit to the BOARD a proposed annual budget for R&R not later than one hundred fifty (150) days prior to the completion of the fiscal year. The proposed R&R budget shall detail the improvements expenditures for the FACILITIES for the current year-to-date expenditure, projected year-end total and a budgeting amount for the upcoming fiscal year. WPB shall administer the R&R Agency Fund according to this Section and shall submit a monthly status report of the R&R Agency Fund to the BOARD members. At the end of each fiscal year, WPB shall submit, to the BOARD, a year-end financial analysis of the R&R Agency Fund which shall include all

debits, credits, investment, interest and year-end Fund balances prepared in accordance with generally accepted accounting principles. The analysis shall break this information out by ENTITY. The BOARD shall have the power to modify the R&R Agency Fund formula or percentages as needed.

7. **Expansion Policy.** Each ENTITY shall have the right to expand the FACILITIES to meet capacity or special treatment or disposal requirements of the ENTITY provided the following conditions are adhered to:

(A) The BOARD is given written notice, with a reasonable schedule, to provide the additional capacity or special treatment or disposal requirements, and such requirements can feasibly be accomplished given the state of the FACILITIES at the time of request.

(B) The ENTITY(s) involved in the expansion shall execute a separate Participatory Agreement with each other and the BOARD, which shall set forth the responsibility of the affected ENTITY(s) for all costs, direct and indirect, associated with the request. Prior to entering into construction contracts for such separate expansions the ENTITY or ENTITIES shall show financial capability and technical feasibility for such a project in a manner acceptable to the BOARD.

(C) The BOARD shall be responsible for directing WPB in the procurement of all services required to comply with the request, including but not limited to, consultant's selection and removal, award of construction contracts, change orders, approval of engineering documents and settlement of construction disputes.

8. **System Operation.** Operation and maintenance of the FACILITIES shall be the responsibility and obligation of WPB provided that an adequate budget is adopted by the BOARD. WPB shall provide sufficient personnel, with appropriate experience to undertake all FACILITIES operations and maintenance, comply with all regulatory requirements, including, but not limited to, those imposed by the Florida Department of Environmental Regulation, the Palm Beach County Health Department and U.S. Environmental Protection Agency. Each ENTITY shall comply with the rules and regulations governing a sewage flow into the FACILITIES as set forth in the Pretreatment Ordinance as adopted by the BOARD, and as such rules and regulations may be changed from time to time by the BOARD. If new regulatory requirements necessitate capital improvements or budget amendments, the BOARD shall take all necessary actions to accomplish the same, and WPB shall implement the decisions of the BOARD. The failure or inaction of the BOARD to carry out or authorize the recommendations as presented by WPB for compliance of any consent order, regulatory agency or operating permit by WPB shall preclude such liability as may be placed on WPB and shall entitle WPB to indemnification for all costs and penalties by the other ENTITIES. WPB shall be liable for all regulatory violations, including compliance costs or penalties assessed for same, which

arise out of or are solely related to: (1) material errors or omissions by its personnel and agents in the day-to-day operations of the FACILITIES; or (2) the failure of WPB to timely proceed administratively to undertake or complete a requirement imposed by any regulatory agency in any consent order or operating permit. Other regulatory violations, caused by action of the BOARD including the costs of bringing the FACILITIES into compliance and penalties assessed, shall be included as an expense of the FACILITIES and shared by the ENTITIES. WPB shall maintain adequate catastrophic insurance on the FACILITIES on such terms and amounts as set by the BOARD.

9. **Metering.** The metering for flow charges shall be accomplished by WPB as directed by the BOARD. This shall include a metering system owned by an ENTITY as approved by the BOARD. Such metering shall be acceptable to regulatory agencies in addition to the BOARD. The meters shall be calibrated quarterly by an independent contractor as selected by the BOARD. In the event of meter malfunction, flow shall be calculated using the previous year's 3-month average consisting of the month in question plus the preceding and subsequent months.

10. **Reports of the System.** WPB shall cause to be made, at least once each year, financial statements prepared in accordance with generally accepted accounting principles and shall have performed an independent audit in accordance with generally accepted auditing standards. Copies of such reports shall be filed promptly with the ENTITIES within 210 days and shall be open to public inspection. WPB shall also provide monthly operating and financial reports (including regulatory submissions) and quarterly financial statements in accordance with generally accepted accounting principles to the BOARD members. WPB shall comply with the requirements of Chapter 189, F.S., as it applies to the BOARD.

11. **Payments to BOARD.** On behalf of the BOARD, WPB shall invoice each ENTITY monthly thirty (30) days prior to the beginning of the month for its wastewater flow charges. The ENTITIES shall make required payments to WPB within thirty (30) days of the date of invoice. Payments not received within thirty (30) days shall accrue interest at the legal rate of twelve percent (12%) per annum, as amended by law from time to time. WPB shall hold all unspent funds in an interest-bearing account until expended.

12. **Compensation.** The members of the BOARD shall serve without compensation under this Agreement.

13. **Expenses.** The BOARD is established on the basis that the schedule of wastewater flow charges and other charges cause the FACILITIES to be self-sustaining. The BOARD shall not be authorized to create or distribute a profit or surplus to any ENTITY, including WPB. This shall not, however, prevent the BOARD from establishing reserves or adding to existing R & R Reserves, for capital projects and/or unanticipated expenses in keeping with sound, prudent, and reasonable operation of the system in accordance with industry standards or from fulfilling any other requirements imposed by bond financing, law, or previous agreements

not superseded.

14. **Term and Termination.** The term of this Agreement is for an initial period of thirty years with a renewable term of thirty years upon the mutual consent of the parties. This Interlocal Agreement shall terminate only upon the consent of one hundred percent (100%) of the ENTITIES. Any ENTITY can withdraw from participation in this Agreement but will lose its interest and allocation in the FACILITIES and shall continue to meet its obligations. Any ENTITY may assign its interest to one or more of the other ENTITIES or any other BOARD approved designee.

15. **Disposition of the System.** Should the FACILITIES be sold or disposed of by the BOARD (by one hundred percent (100%) vote), proceeds of the sale or disposition shall be prorated among the ENTITIES in proportion to the allocated reserve capacity of each jurisdiction as of the date of disposition.

16. **Miscellaneous.** This Agreement may not be amended, except upon the written agreement of the ENTITIES holding a cumulative capacity allocation of one hundred percent (100%). In the event of any dispute arising out of or in relation to this Agreement, the prevailing party shall be entitled to attorney's fees and costs, including attorney's fees through all appellate procedures.

17. **Dispute Resolution.** In the event of a dispute involving payment of an amount due from any ENTITY hereunder, the full amount shall be paid to WPB, with the amount in dispute to be held by WPB in escrow pending resolution of the dispute. Such escrow funds shall be invested with interest, with the interest accruing to the prevailing party (BOARD or disputing ENTITY).

In the event a dispute arises between or among any of the ENTITIES as to any matter arising out of this Agreement, exclusive of matters that relate to WPB's responsibility to comply with Federal, State, and local regulatory requirements, such dispute shall be resolved as follows:

(A) The disputed issue will be presented to the BOARD. If the parties in dispute do not agree with the majority (three out of five ENTITIES) decision of the BOARD, then the disputing parties may, if in full agreement, refer the item to non-binding arbitration before one (1) arbitrator, pursuant to the rules of the American Arbitration Association. The arbitrator shall be selected by joint agreement of all parties to the proceeding from a list of arbitrators prepared by the American Arbitration Association experienced in engineering and operation of municipal wastewater treatment facilities. If the parties do not agree within twenty (20) days of the date of request for arbitration, the selection shall be made pursuant to the rules of such Association.

The award rendered by the arbitrator shall be non-binding upon the parties to the proceeding. Each party shall pay its own expenses of arbitration and the expenses of the arbitrator shall be equally shared. Nothing herein shall prevent the parties from settling any dispute between or among them by mutual agreement at any time.

(B) Before filing any legal action in court pertaining to any dispute or other matter in question arising out of or relating to the Agreement or the breach thereof, the claimant/objector shall first define the dispute to the other party to this Agreement in writing and make a specific demand or offer a specific counterproposal thereto within thirty (30) days of the receipt of such claim demand and settlement proposal, or if the claimant/objector fails to accept any counterproposal from the other party within thirty (30) days of receipt thereof, the other party shall be free to pursue all legal remedies available in a court of competent jurisdiction in accordance with Paragraph C hereof.

(C) Any dispute arising out of the terms of this Agreement shall be litigated in the Fifteenth Judicial Circuit Court in and for Palm Beach County, Florida.

18. **Filing.** Upon execution of this Agreement and subsequent amendments thereto, this Agreement, and such subsequent amendments shall be filed with the Clerk of the Circuit Court of Palm Beach County. This Agreement shall be effective upon filing with the Clerk.

19. **Reserve Capacity Percentages.** The ENTITIES agree and acknowledge that the existing capacity allocated to each of the ENTITIES is as set forth in Exhibit "E" - Reserve Capacity Percentages attached hereto and made a part hereof. This capacity shall be adjusted from time to time by the BOARD to reflect changes due to expansion under Paragraph 7 above or agreement of the ENTITIES to reallocate capacity.

20. **Prior Agreement.** The ENTITIES agree that this Interlocal Agreement constitutes the entire agreement of the parties hereto on the matters set forth herein and supersedes only those prior Interlocal Agreements as shown in Exhibit "A" attached hereto, between the parties relating to the FACILITIES.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the day and year first above written.

WITNESSES:
Peter B. Ebell
Cindy Cousins
(OFFICIAL SEAL)

TOWN OF PALM BEACH, FLORIDA
Mayor
ATTEST:
By: Jacquelyn Reedy, Acting Clerk

WITNESSES:
Judith E. Crosbie
(OFFICIAL SEAL)

PALM BEACH COUNTY, FLORIDA
Chairman
ATTEST: MILTON T. BAUER, CLERK
By: Linda C. Hickman
Deputy Clerk

WITNESSES:
(OFFICIAL SEAL)

CITY OF RIVIERA BEACH, FLORIDA
ATTEST:
By: Elma K. Williams
Mayor

WITNESSES:
(OFFICIAL SEAL)

CITY OF LAKE WORTH, FLORIDA
ATTEST:
By:
Mayor

WITNESSES:
Agnes E. Haythurst
(OFFICIAL SEAL)

CITY OF WEST PALM BEACH, FLORIDA
ATTEST:
By: Tracy M. Graham
Mayor

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY
COUNTY ATTORNEY

LIST OF EXHIBITS
ATTACHED TO INTERLOCAL AGREEMENT

EXHIBIT A - INTERLOCAL AGREEMENTS

EXHIBIT B - LEGAL DESCRIPTION

EXHIBIT C - FLOW CHARGE FORMULA

EXHIBIT D - BUDGET LINE ITEMS

EXHIBIT E - RESERVE CAPACITY PERCENTAGES

EXHIBIT F - POLICIES AND PROCEDURES

EXHIBIT G - REPLACEMENT PLANT VALUE

EXHIBIT A

INTERLOCAL AGREEMENTS

TITLE OF AGREEMENT	DATE
Resolution 141-72 Resolution Approving Agreement Between The Town of Palm Beach and the City of West Palm Beach.	12/6/72
Resolution R76-712 Resolution Approving Agreement Between Palm Beach County, Florida, and The City of West Palm Beach for the Construction of an 8 MGD Module at the Regional Sewage Treatment Plant.	8/10/76
Resolution 122-76 Resolution Approving Agreement Between The City of Riviera Beach and the City of West Palm Beach.	8/18/76
Resolution R94-76 and U31-76 Resolution Approving Agreement Between Lake Worth Utilities Authority and the City of West Palm Beach.	9/8/76

EXHIBIT B

LEGAL DESCRIPTION OF
LAND RESERVED FOR
REGIONAL SEWAGE TREATMENT PLANT
CITY OF WEST PALM BEACH
July 19, 1974

A parcel of land containing 300 acres, more or less, in Section 11, Township 43 South, Range 42 East, Palm Beach County, Florida, more particularly described as follows:

From a point of beginning being the Southwest corner of Section 11, Township 43 South, Range 42 East, Palm Beach County, Florida, run North along the West line of said Section 11, a distance of 3,012.57 feet more or less, to the Southerly line of the Florida Gas Company easement; thence Northeasterly along said easement, making an angle of 49°-58'-10" with the preceding course as measured from North to Southeast, a distance of 1,115.7 feet more or less to a point; thence Easterly, making an angle of 39°-45'-22" with the preceding course as measured from North to East, a distance of 2,756 feet more or less to a point; thence Southerly, making an angle of 90° -02'-14" with the preceding course as measured from East to South a distance of 3,725 feet more or less to a point on the South Section line of Section 11; thence West along said section line a distance of 3,615 feet more or less to the point of beginning.

EXHIBIT C

EAST CENTRAL REGIONAL WASTEWATER TREATMENT PLANT

FLOW CHARGE FORMULA

Wastewater Flow Charge = Direct Expenses + Indirect Expenses

Direct Expenses = ECRWWTP Expenses + 20% Utility Engineering Expenses
(Acct #340) (Acct #160)
(Acct #350)
(Acct #410)

$$\text{Indirect Expenses}^{*} = \left(\frac{\text{Direct WWTP Expenses}}{\text{Direct Sewer Expenses}}\right)\left(\frac{\text{Total Wastewater Expenses}}{\text{Direct Water \& Sewer Expenses}}\right)\left(\text{Utility Administrative Expenses}\right)$$

* Methodology For Indirect Expenses Calculation

Step 1 $\dfrac{\text{Acct \#340} + 20\%\ \text{Acct \#160}}{\text{Acct \#310} + \text{Acct \#320} + \text{Acct \#330} + \text{Acct \#340}} = \text{A (\%)}$

Step 2 A % x Admin. Cost Acct #100 = B

Step 3 $\dfrac{\text{B} + \text{Acct \#340} + 20\%\ \text{Acct \#160} + \text{Acct \#310} + \text{Acct \#320} + \text{Acct \#330}}{\text{Acct \#210} + \text{Acct \#230} + \text{Acct \#240} + \text{Acct \#310} + \text{Acct \#320} + \text{Acct \#330} + \text{Acct \#340}} = \text{C (\%)}$

Step 4 A (%) x C (%) x Admin. Cost Acct #100 = Indirect Expenses

Typical Flow Charge Breakdown

1. Direct Expenses
   - o Direct WWTP = 31.34 cents/1,000 gal (79%) (Acct #340)
   - o Engineering Allocation = 0.48 cents/1,000 gal (1.2%) (20% of Acct #160)

Total Direct = 31.82 cents/1,000 gal (80%)

2. Indirect Expenses
   - o Administrative Allocation = 7.85 cents/1,000 gal (20%)

Total Charge = 39.67 cents/1,000 gal

FUND:450: WATER & SEWAGE SYSTEMS REVENUE FUND
DEPT:097: UTILITIES
DIV: 340: WASTEWATER TREATMENT PLANT

PERSONAL SERVICES

536120 REGULAR SALARIES & WAGES
536140 OVERTIME
536150 SPECIAL PAY
536212 FICA TAXES
536229 RETIREMENT CONTRIBUTIONS
536231 HEALTH INSURANCE
536232 LIFE INSURANCE
536240 WORKER'S COMPENSATION

MATERIALS & SERVICES

536310 PROFESSIONAL SERVICES
536313 ENGINEERING SERVICES
536340 OTHER CONTRACTUAL SERVICES
536345 MIS MAINTENANCE SERVICES
536400 TRAVEL AND PER DIEM
536403 TRAINING
536411 COMMUNICATIONS SYSTEMS SERVICES
536420 TRANSPORTATION
536431 ELECTRIC SERVICE
536433 WATER SERVICE
536434 SEWER SERVICE
536435 WASTE DISPOSAL SERVICE
536440 RENTALS AND LEASES
536450 INSURANCE
536451 INSURANCE- GENERAL LIABILITY
536455 INSURANCE- AUTO LIABILITY
536460 REPAIR & MAINTENANCE SERVICES
536468 EQUIPMENT MAINTENANCE
536470 PRINTING AND BINDING
536482 LEGAL ADS
536490 OPERATIONAL EXPENSES
536510 OFFICE SUPPLIES
536520 OPERATING SUPPLIES
536521 GASOLINE
536522 DIESEL FUEL
536523 LUBRICANTS
536524 CHEMICALS
536525 UNIFORMS
536530 ROAD MATERIALS & SUPPLIES
536540 BOOKS, SUBSCRIPTIONS & MEMBERHSIPS
536560 MINOR EQUIPMENT

CAPITAL OUTLAY

536640 MACHINERY & EQUIPMENT
536641 AUTOMOTIVE EQUIPMENT

REVENUE

SEWER SERVICE CHARGE-WPB
343514 SEWER SERVICE CHARGE-LW
343515 SEWER SERVICE CHARGE-RB
343516 SEWER SERVICE CHARGE-PBC
343517 SEWER SERVICE CHARGE-TPB

FUND:450: WATER & SEWAGE SYSTEMS REVENUE FUND
DEPT:097: UTILITIES
DIV: 350: INDUSTRIAL PRE-TREATMENT

PERSONAL SERVICES

536120 REGULAR SALARIES & WAGES
536140 OVERTIME
536150 SPECIAL PAY
536212 FICA TAXES
536229 RETIREMENT CONTRIBUTIONS
536231 HEALTH INSURANCE
536232 LIFE INSURANCE
536240 WORKER'S COMPENSATION

MATERIALS & SERVICES

536310 PROFESSIONAL SERVICES
536313 ENGINEERING SERVICES
536340 OTHER CONTRACTUAL SERVICES
536400 TRAVEL AND PER DIEM
536411 COMMUNICATIONS SYSTEMS SERVICES
536420 TRANSPORTATION
536451 INSURANCE- GENERAL LIABILITY
536460 REPAIR & MAINTENANCE SERVICES
536468 EQUIPMENT MAINTENANCE
536470 PRINTING AND BINDING
536482 LEGAL ADS
536490 OPERATIONAL EXPENSES
536510 OFFICE SUPPLIES
536520 OPERATING SUPPLIES
536525 UNIFORMS
536540 BOOKS, SUBSCRIPTIONS & MEMBERHSIPS
536560 MINOR EQUIPMENT

CAPITAL OUTLAY

536640 MACHINERY & EQUIPMENT
536641 AUTOMOTIVE EQUIPMENT

REVENUE

329210 SEWER DISCHARGE PERMIT

FUND:450: WATER & SEWAGE SYSTEMS REVENUE FUND
DEPT:097: UTILITIES
DIV: 340: E.C.R. MAINTENANCE

PERSONAL SERVICES

536120 REGULAR SALARIES & WAGES
536140 OVERTIME
536150 SPECIAL PAY
536212 FICA TAXES
536229 RETIREMENT CONTRIBUTIONS
536231 HEALTH INSURANCE
536232 LIFE INSURANCE
536240 WORKER'S COMPENSATION

MATERIALS & SERVICES

536340 OTHER CONTRCTUAL SERVICES
536435 WASTE DISPOSAL SERVICE
536440 RENTALS AND LEASES
536460 REPAIR & MAINTENANCE SERVICES
536520 OPERATING SUPPLIES
536522 DIESEL FUEL
536523 LUBRICANTS
536525 UNIFORMS
536560 MINOR EQUIPMENT

CAPITAL OUTLAY

536640 MACHINERY & EQUIPMENT
536641 AUTOMOTIVE EQUIPMENT

The thirteenth, fourteenth and fifteenth digits of the suggested expenditure account designate the sub-object classification. The six sub-objects and their control are :

100 - 260	Personal Services
300 - 560	Operating Expenses
600 - 660	Capital Outlay
700 - 730	Debt Service
800 - 888	Grants and Aids
900 - 999	Non-Operating

All departments are required to use these six sub-object classifications, however, they may be expanded at the discretion of the Finance Department.

100 PERSONAL SERVICES

Expenses for salaries, wages, and related benefits provided for all persons employed by the local unit of government whether full-time, part-time, temporary, or seasonal. Employee benefits include employer contributions to a retirement system, social security, insurance, sick leave, terminal pay and similar direct benefits as well as other costs such as Worker's Compensation and Unemployment Compensation Insurance.

110 Executive Salaries

Includes elected officials and top level management positions. (For constitutional offices include the officers salary only.) Also includes special qualification salary for elected officials (Chapter 145, Florida Statutes), if earned.

120 Regular Salaries and Wages

Includes employees who are or will be members of a retirement system as a condition of their employment. Includes all full-time and part-time employees who make up the regular work force. Employees who are serving a probationary employment period shall be included in this category if they satisfy the other requirements.

This includes all salaries and salary supplements for official court reporters and electronic recorder operator transcribers.

130 **Other Salaries and Wages**

Employees who are not and will not be members of a retirement system as a condition of their employment. Includes all full-time and part-time employees who are not part of the regular work force and who are filling positions having a temporary duration, usually less than 4 consecutive months in a 12-month period.

Reference: Sections 22B-1.04(5)(b) and 22B-1.04(6), FAC.

140 **Overtime**

Payments in addition to regular salaries and wages for services performed in excess of the regular work hour requirement. This includes all overtime for official court reporters and electronic recorder operator transcribers. Also include the straight time paid to employees required to work on a legal holiday.

150 **Special Pay**

Includes compensation paid to employees for which no contributions shall be required and no benefits shall be paid under the provisions of the Florida Retirement System or any local government retirement system. This includes incentive pay for law enforcement officers and firefighters.

Reference: Section 943.22(2)(e), FS. - Law Enforcement and Correctional Officers and Section 663.382(5)(c), FS.-Firefighters.

155 **Off Duty Pay**

Compensation paid to police personnel for providing security service to outside agencies.

212 **FICA Taxes**

Social Security matching contribution.

220 **Retirement Contributions-General**

Amounts contributed to a retirement fund for General employees.

225 **Retirement Contributions-Police**

Amounts contributed to a retirement fund for sworn Police personnel.

227 **Retirement Contributions-Fire**

Amounts contributed to a retirement fund for uniformed Firefighters.

313 **Legal Services-Pensions**

Fees for attorney services regarding pensions.

314 **Medical Services**

Fees for services from doctors, clinics, dental services, veterinary services, hospitals, etc.

316 **Engineering Services**

Fees paid for engineering services.

320 **Accounting and Auditing**

Generally includes all services received from independent certified public accountants.

340 **Other Contractual Services**

Custodial, janitorial and other services procured independently by contract or agreement with persons, firms, corporations or other governmental units. Do not include contracts or services which are defined under sub-objects 310, 311, 312, 313, 314, 316, 320, 460 and 470.

345 **MIS Maintenance Services**

Services provided by the internal service fund for data processing, maintaining existing programs and the mainframe, and debugging existing programs.

346 **MIS New Programs**

Costs of services provided by the internal service fund for implementing new software, new programs, new reports, etc.

347 **Outside Data Processing Services**

This includes services related to data processing that are not provided by the MIS department.

400 **Travel**

This includes the costs of public transportation, motor pool charges, reimbursements for use of private vehicles, per diem, meals and incidental travel expenses.

401 **Motor Pool Services**

Charges for use and replacement of motor pool equipment. Charges are from the Fleet Management internal service fund.

403 **Training**

This includes course registration fees, tuition and other training costs.

404 **Employee Development**

Funds used by the Employee Relations Department for college courses, training courses, etc., for employees throughout the City.

411 **Communications Systems Service**

Charges for dispatching services and communications equipment maintenance (i.e. radios & telephones) from the Telecommunications Internal Service Fund.

412 **Telephone Service**

Amounts paid for telephone bills. This includes cellular telephone service.

420 **Transportation**

Freight and express charges, drayage, postage and messenger services.

431 **Electric Service**

Amounts paid for electric service.

432 **Gas Service**

Amounts paid for propane and natural gas utility service.

433 **Water Service**

Amounts paid for water bills.

434 **Sewer Service**

Amounts paid for sewer bills.

435 **Waste Disposal Services**

Amounts paid for solid waste collection bills.

440 **Rentals and Leases**

Amounts paid for leasing or renting land, buildings or equipment. This would also include leasing vehicles.

450 Insurance

Includes all insurance carried for protecting the local government such as fire, theft, casualty, general and professional liability, auto coverage, surety bonds, etc.

451 Insurance - General Liability

Amounts provided to Risk Management through the Budget Office for charges including damages to property, buildings and contents, city equipment, etc.

452 Auto Liability Claims

Auto liability claims paid by the Risk Management internal service fund.

453 General Liability Claims

General liability claims paid by the Risk Management internal service fund.

454 Workers' Compensation Claims

Claims paid for workers' compensation.

455 Insurance - Auto Liability

Amounts provided to Risk Management through the Budget Office for charges including damages to automobiles, trucks, etc.

460 Repair and Maintenance Services

The costs incurred for the repair and maintenance of building and equipment, including all maintenance and service contracts. Do not include custodial or janitorial services which are recorded under sub-object 340.

461 Fire Equipment Maintenance

Repair parts and maintenance costs from outside vendors for Fire Department vehicles and equipment.

462 Automotive Repair and Maintenance

Used only by the Fleet Management internal service fund. Includes cost of parts, outside repairs and maintenance equipment.

463 Sweeper Maintenance

Costs related to the repair and preventative maintenance of City sweeper vehicles, e.g., brooms, rubber squeegees, lubricants, etc.

464 **Auto Physical Damage**

Repair or replacement of autos due to accidents.

465 **Property Damage and Theft**

Repair or replacement of property damaged, excluding autos.

468 **Equipment Maintenance**

Charges for services from the internal service fund for equipment maintenance, i.e., services on vehicles, trucks, lawn mowers, gasoline or diesel powered equipment.

470 **Printing and Binding**

Costs of printing, binding and other reproduction services which are contracted for or purchased from outside vendors. Also include charges for printing, etc., performed by an in-house print shop. Charges related to the use of the Fax machine.

475 **Outside Printing Services**

Costs for printing services not provided by the City's Printing Internal Service Fund.

480 **Promotional Activities**

Includes any type of promotional advertising on behalf of the City, but does not include legal ads.

481 **Advertising**

Includes any type of promotional advertising on behalf of the local unit, but does not include legal ads.

482 **Legal Ads**

Amounts paid for legal ads.

490 **Operational Expenses**

Includes other services not otherwise classified, ordinary witness fees, expert witness fees, information and evidence, etc.

491 **Bad Debt Expense**

Expenses incurred by the inability to collect receivables.

493 **Licenses and Permits**

Fees paid for licenses and permits needed during special events coordinated by the City.

495 **Defense Fees and Costs**

Used only by the Risk Management Fund for witness fees, subpoena fees, court reporter fees, etc.

510 **Office Supplies**

This object includes materials and supplies such as stationary, preprinted forms, paper, computer software, charts and maps.

520 **Operating Supplies**

All types of supplies consumed in conducting operations. This category may include food, laboratory supplies, household items, institutional supplies, film, batteries, copy machine supplies, fertilizer and ammunition. Do not include items classified in 521, 522, 523, 524 or 525. Also includes recording tapes and transcript production supplies. Do not include materials and supplies unique to construction or repair of roads or bridges.

521 **Gasoline**

Includes charges from fuel operations for fuel provided.

522 **Diesel Fuel**

523 **Lubricants**

Includes charges from Fleet Management for oil and other lubricants.

524 **Chemicals**

Chemicals such as chlorine, ammonia, etc., and chemicals used to recharge fire extinguishers (excluding the annual maintenance).

525 **Uniforms**

Uniform purchase, boots, fire helmets and bunker coats, police holsters, badges and other clothing including rain gear and safety clothing.

530 **Road Materials and Supplies**

Those materials and supplies used exclusively in the repair and installation of street signs and street striping.

531 **Concrete Materials**

Materials such as concrete, rebar, wire mesh, wood, etc., used for the repair of sidewalk curbs and foundations.

532 **Asphalt Materials**

Materials such as asphalt, tack, etc., used for the repair of potholes and the paving of roads.

533 **Sewer Materials**

Materials used for the repair and maintenance of stormwater inlets, piping, and culverts.

535 **Street Lighting Materials and Supplies**

Materials used exclusively for the repair and replacement of street lighting fixtures, poles, fuses, wire, etc.

540 **Books, Publications, Subscriptions, and Memberships**

Includes books, or sets of books if purchased by set, of unit value less than $500 and not purchases for use by libraries, educational institutions, and other institutions where books and publications constitute capital outlay. This object also includes subscriptions, memberships and professional licenses, paramedic certification fees, and related educational and/or professional data costs.

560 **Minor Equipment**

Includes light equipment of unit value less than $500 such as office equipment and other light machinery and equipment, e.g., calculators, chairs, typewriters, etc.

600 CAPITAL OUTLAY

Outlay for the acquisition of or addition to fixed assets.

610 **Land**

Land acquisition costs, easements, right of way.

620 **Buildings**

Office buildings, firehouses, garages, jails, zoos, parks and recreational buildings.

621 **Building Improvements**

Remodeling and improvements made to existing buildings.

622 **Conference/Civic Center**

Costs to construct a conference/civic center including related consultants studies.

630 **Improvements Other Than Buildings**

Includes structures and facilities other than buildings such as roads, bridges, curbs, gutters, docks, wharves, fences, landscaping, lighting systems, parking areas, storm drains, athletic fields, etc. Does not include items classified under 631, 632, 633, 634, 635 and 636.

631 **Sewers, Pipes, Manholes & Service Connections**

Utilities department new sewer connections and manholes.

632 **Meters**

Meters purchased for utility customer accounts.

633 **Fire Hydrants**

Utilities department new fire hydrants.

634 **Water Main, Valves & Copper Service Lines**

Utilities department new mains, etc.

635 **Private Fire Protection**

Utilities department new private fire lines.

636 **Landscaping, Fencing and Parking Areas**

Costs for new landscaping, fencing and parking areas.

637 **Road Improvements**

640 **Machinery and Equipment**

Includes motor vehicles, heavy equipment - transportation, other heavy equipment, office furniture and equipment, and other machinery and equipment. Also includes court recording, duplicating, and transcribing equipment.

641 **Automotive Equipment**

Includes motor vehicles and items affixed to the vehicles such as lights, sirens, cages, etc.

650 **Construction in Progress**

This object is used to account for undistributed work in progress on construction projects. Sufficient documentation of work orders and other related records should be kept in order to establish the validity of this account when posted to the general fixed assets group accounts.

660 **Books, Publications, and Library Materials**

This object includes all books and publications regardless of value when purchased for use by libraries, educational institutions, and other institutions or facilities where such items constitute a major capital outlay category. This object is also used for these items when they **exceed a $500 unit value** regardless of the institution or facility purchasing them.

700 DEBT SERVICE

Outlays for debt service purposes.

710 **Principal**

Regularly scheduled principal payments of debt service.

720 **Interest**

Interest payments of debt service.

721 **Bonds, Retired Early**

Payments to retire bonds before their normal due date.

722 **Premium on Bonds Retired Early**

Premiums paid to retire bonds before their normal due date.

730 **Other Debt Service Costs**

Payments for trustee fees, agent fees, etc.

800 GRANTS AND AIDS

Includes all grants, subsidies and contributions to other government agencies and private organizations.

810 **Aid to Government Agencies**

Includes all grants, subsidies and contributions to other governmental units. Excludes transfers to agencies within the same governmental entity.

820 **Aid to Private Organizations**

Include all grants, subsidies and contributions to private organizations.

835 **Undesignated Donations**

Funds that have been set aside for donations but have not yet been assigned to a specific organization.

900 NON-OPERATING

910 **Transfers**

Includes all transfers between funds which do not represent operating expenditures.

920 **Advances**

Includes advances to establish working capital and petty cash funds which are expected to be returned when the fund is liquidated.

930 **Budget Transfers**

Transfers between the Board of County Commissioners, the Constitutional Officers and other taxing authorities.

950 **Contingency**

Expenditures cannot be made directly from this account. Amounts can be transferred from this account to any other expenditure account in the same fund via an "F" Resolution.

990 **Less Amounts Capitalized**

Fixed assets purchased through budgetary expenditure accounts get offset by this account in the ISFs and Enterprise Funds.

991 **Transfer to Equipment Replacement Reserve**

992 **Amortization Expense**

998 **Depreciation Expense**

999 **Transfer to Fund Balance/Retained Earnings**

229 **Retirement Contributions-Utilities**

Amounts contributed to a retirement fund for employees of the Utilities Department.

231 **Health Insurance**

Health insurance premiums and benefits paid for employees.

232 **Life Insurance**

Life insurance premiums and benefits paid for employees.

240 **Workers' Compensation**

Premiums and benefits paid for workers' compensation insurance.

250 **Unemployment Compensation**

Amounts contributed to the unemployment compensation fund.

00 OPERATING EXPENSES

Includes expenditures for goods and services which primarily benefit the current period and are not defined as personal services or capital outlay.

301 **Administrative Expense**

Indirect costs, parking administrative fees, P.I.L.O.T., cost allocation, city services charged to utilities, etc.

310 **Professional Services**

Legal, medical, dental, engineering, architectural, appraisal and other services procured by the local unit as independent professional assistance. Includes such financial services as bond rating, where the service received is not directly involved with accounting and/or auditing. Also, include fees paid for competency and/or psychiatric evaluations and court appointed attorneys.

311 **Legal Services**

Fees for attorney services.

312 **Legal Services-Investment Claims**

Fees for attorney services regarding investment claims.

EXHIBIT E

RESERVE CAPACITY PERCENTAGES

East Central Regional

Wastewater Treatment Plant

55 MGD (Current Rated Capacity)

ENTITY	FLOW ALLOCATION (MGD)	PERCENTAGE
Lake Worth	12.5	22.727%
Riviera Beach	8.0	14.546%
West Palm Beach	17.0	30.909%
Town of Palm Beach	5.0	9.091%
Palm Beach County	12.5	22.727%
Total:	55.0	100%

EXHIBIT "F"

CITY OF WEST PALM BEACH POLICIES AND PROCEDURES INCORPORATED HEREIN BY REFERENCE

PERSONNEL

Chapter 2 of the City Code relating to personnel

CIVIL SERVICES RULES AND REGULATIONS

JOB CLASSIFICATION AND PAY PLAN

DISCIPLINE ADMINISTRATION MANUAL

PROCUREMENT

CITY OF WEST PALM BEACH PROCUREMENT CODE

MINORITY/WOMEN BUSINESS ENTERPRISE PROGRAM ORDINANCE AND POLICIES

INDUSTRIAL PRETREATMENT

Article VII of Chapter 31, City Code of Ordinances

EXHIBIT G

EAST CENTRAL REGIONAL WASTEWATER TREATMENT PLANT
ESTIMATED REPLACEMENT VALUE

UNIT PROCESS	Estimated Replacement Value ($1,000)		
	Existing Facilities	Facility Improvements	Improved Facilities
Influent Metering	300	-0-	300
Influent Screening & Headworks	2,600	400	3,000
Grit Removal	-0-	2,200	2,200
Conventional Activated Sludge, Diffused Aeration	17,600	4,400	22,000
Secondary Clarification	18,200	-0-	18,200
Return Sludge Pumping	3,600	-0-	3,600
Waste Sludge Pumping	200	100	300
Chlorine Disinfection	1,700	-0-	1,700
Effluent Pumping	5,000	2,900	7,900
Deep Well Disposal	24,000	4,000	28,000
Flow Equalization	4,000	200	4,200
Aerobic Digestion	7,800	-0-	7,800
Decant Tanks	1,500	-0-	1,500
Sludge Thickening	-0-	2,700	2,700
Sludge Dewatering	3,500	2,200	5,700
Supernatant Pumping	300	-0-	300
Reclaimed Water Production	-0-	7,800	7,800
AWT/Wetlands	-0-	900	900
Septage Receiving	-0-	1,700	1,700
Administration Building	300	-0-	300
Miscellaneous (Electric, Piping, Roads, Structures, etc.)	10,000	4,100	14,100
TOTAL	100,600	33,600	134,200

July 14, 2026

RE: ECR Board Letter of Appointment for Mr. Joshua Niemann to ECR Board

Dear ECR Board Members:

This letter is to serve as written notice that Mr. Joshua Niemann has been appointed as the Riviera Beach representative and voting Board member of the East Central Regional Water Reclamation Facility, effective July 14, 2026.

Mr. Niemann is afforded the rights and privileges of a full voting ECR Board member. He represents the interests of the City of Riviera Beach in his capacity as the Executive Director of the City of Riviera Beach Utility Special District.

If you have any further questions with regard to this matter, please do not hesitate to contact my office at (561) 845-4090.

Sincerely,

Glen Spiritis, Chairperson
City of Riviera Beach Utility Special District

Attachment: City of Riviera Beach Utility Special District Resolution
Cc: Mr. William Wilkins, City Manager – City of Riviera Beach
Mr. Richard Gallant, Assistant Utility Director – Riviera Beach Utility Special District
Mr. Phillip C. Gildan, Esq. – ECR Board Counsel (Greenberg Traurig, P.A.)
Mrs. Kendra Fervil, – ECR Board Secretary

Riviera Beach - Utility Special District

To: Honorable Mayor, Chairperson and Board Members

From: Joshua Niemann, Utility Special District Executive Director

Through: William Wilkins, Interim City Manager

Subject: **Resolution Number 29-26UD: A Resolution of the Utility Special District Board of Directors of the City of Riviera Beach, Palm Beach County, Florida authorizing the Board to appoint Richard Gallant, Assistant Director of Utility Special District, as the alternate to the East Central Regional Wastewater Treatment Facility (ECR) Board according to the Interlocal Agreement signed September 9, 1992, and the renewal of the ECR Interlocal Agreement signed April 20, 2010; and providing for an effective date.**

Date: July 14, 2026

CC: General Public

Background:

The City of Riviera Beach entered into an Inter-local Agreement on September 9, 1992 establishing duties and responsibilities among the entities for the operations of the East Central Regional Wastewater Treatment Facilities (ECR). The City's participation in the ECR provides a unified system of wastewater services and it tends to assure the continued provision of a safe and healthy environment for such operations.

Section 4 of the Inter-local Agreement requires that the ECR Board be comprised of five (5) members, one from each local user entity, who shall be the designated official Board members. Each entity shall appoint a member and alternate, who shall represent in the absence of the designated member. At this time, staff is recommending that the Board appoints Richard Gallant, Assistant Director, as the alternate representative to the District.

City Goals:

The Citywide Goal is to Accelerate Operational Excellence.

Fiscal/Budget Impact:

N/A

Recommendation:

Staff recommends a Motion to approve Resolution Number 29-26UD.

Attachments:

1. Resolution_29-26UD.docx
2. East Central Regional Wastewater interlocal agreement.pdf
3. Reolution_29-26UD_ECR_Alternante Board_Appointment.docx

Resolution Number 29-26UD

A Resolution of the Utility Special District Board of Directors of the City of Riviera Beach, Palm Beach County, Florida Authorizing the Board to Appoint the Richard Gallant, Assistant Utility Director of Utility Special District to serve as the alternate to the East Coast Regional Wastewater Treatment Facility (ECR) Board According to the Interlocal Agreement Signed September 9, 1992 and the Renewal of the ECR Interlocal Agreement Signed April 20, 2010; and Providing for an Effective Date.

WHEREAS, the City of Riviera Beach entered into an interlocal agreement on September 9, 1992, establishing certain duties and responsibilities shared among respective local entities which utilize the services provided by the East Central Regional (ECR) Wastewater Treatment Facility; and

WHEREAS, Section 4 of the Interlocal Agreement requires that the ECR Board so created be comprised of five (5) members, who shall represent each of the local user entities and be designated as an official member; and

WHEREAS, the Utility Special District Board hereby appoints Richard Gallant, Assistant Utility Director as the alternate member for the East Central Regional (ECR) Wastewater Treatment Facility; and

Now, therefore, be it resolved by the Board of Directors of the Riviera Beach Utility Special District, as follows:

Section 1. That the City of Riviera Beach Utility Special District Board hereby appoints Richard Gallant, Assistant Utility Director, as the alternate to the ECR Board.

Section 2: That the Resolution take effect upon passage and approval by the Utility Special District Board.

Passed and Approved this _____ day of July 2026

APPROVED:

_____
Glenn Spiritis PhD
Chairperson

_____
Fercella Davis-Panier
Vice-Chairperson

ATTEST:

_____
Debrah Hall
Master Municipal Clerk
District Clerk

MOTIONED BY: _____

SECONDED BY: _____

B. GUYTON: ____

K. MILLER-ANDERSON: ____

S. LANIER: ____

G. SPIRITIS: ____

F. DAVIS-PANIER: ____

Reviewed as to Legal Sufficiency

_____
Dawn S. Wynn, District Attorney

Date:

_____

92-1228D

INTERLOCAL AGREEMENT ESTABLISHING DUTIES AND RESPONSIBILITIES AMONG THE ENTITIES FOR THE OPERATION OF THE EAST CENTRAL REGIONAL WASTEWATER TREATMENT FACILITIES

THIS AGREEMENT entered into this 9 day of September 1992, by and among the CITY OF WEST PALM BEACH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "WPB;" PALM BEACH COUNTY, a political subdivision of the State of Florida, hereinafter referred to as "COUNTY;" the CITY OF LAKE WORTH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "LW;" the CITY OF RIVIERA BEACH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "RB;" and the TOWN OF PALM BEACH, a municipality organized under the laws of the State of Florida, hereinafter referred to as "PB," collectively referred to as the "ENTITIES."

WITNESSETH:

WHEREAS, the COUNTY, LW, RB and PB currently have separate individual Interlocal Agreements with WPB, which involve the ownership, operation, maintenance, renewal, replacement and expansion of the existing East Central Regional Wastewater Facilities (the "FACILITIES"), as listed on Exhibit "A" - Interlocal Agreements.

WHEREAS, the ENTITIES believe that it is the most efficient use of their respective powers to cooperate with each other on a basis of mutual advantage to consolidate the separate Agreements into a single unified Interlocal Agreement, to own, operate and manage the FACILITIES, presently operated by WPB for the benefit of the ENTITIES, in a manner that will accord best with the citizens and utility consumers of the ENTITIES and with other geographic, economic and population factors influencing the needs and development of the ENTITIES; and

WHEREAS, the ENTITIES believe for the following reasons, without limitation, that it is essential, necessary and in the ENTITIES' best interest to establish rules and procedures under which WPB operates and manages the FACILITIES for the benefit of the ENTITIES.

(A) The ENTITIES must meet the comprehensive planning requirements of State law which mandate that each coordinate their community plans for future growth with available sources of funding and the availability of infrastructure. The provision of utilities is a major factor in such infrastructure coordination. The entering into of an Interlocal Agreement pursuant to Part I of Chapter 163, Florida Statutes (F.S.) will facilitate the ENTITIES' ability to meet their statutory mandate with respect to the utilities elements of the comprehensive plans.

(B) To provide for a unified system of wastewater service for Central Palm Beach County, to assure the continued provision of a safe and healthy environment for the users of the

FACILITIES.

(C) To ensure that the customers of the FACILITIES are provided efficient and cost-effective service and rates and assure that proper expansion of the FACILITIES will occur to meet the demands of development as approved in each jurisdiction.

(D) To ensure the public health, safety and welfare of the residents by establishing a cooperative arrangement among the ENTITIES to provide essential government services in the Central County area; and

WHEREAS, Chapter 163, F.S., Part I, provides a mechanism to accomplish the above-described purpose of the ENTITIES by permitting the joint exercise of any power, privilege or authority which each entity shares in common and which each might exercise separately.

NOW, THEREFORE, pursuant to Chapter 163, F.S., Part I, the ENTITIES do hereby enter into an Interlocal Agreement for the purposes as set forth herein, as follows:

1. **Purpose.** The purpose of this Interlocal Agreement is to establish uniform rules and procedures for the operation and management of the FACILITIES by WPB for the benefit of the ENTITIES, to provide wastewater treatment and disposal and sludge treatment and disposal services as herein defined in an economical and efficient manner and to provide wastewater treatment and disposal and sludge treatment and disposal services to all others who can be legally serviced.

2. **Legal Authority/Consent to Serve.** The ENTITIES designate and acknowledge that WPB shall be the ENTITY which formally retains legal title of the FACILITIES, which are held for the benefit of the ENTITIES, and WPB accepts full responsibility for the operation and management of the FACILITIES for the benefit of the ENTITIES, pursuant to the terms of this Agreement.

3. **Definitions.**

(A) "FACILITIES" shall mean and shall include all existing plant structures, equipment, piping, valves, roads, buildings, pumps, injection wells, electrical switchgear, and any improvement or expansion thereto required to receive, convey between process units, treat, stabilize, thicken, dewater, pump, and dispose of wastewater from the ENTITIES, and the real property and easements on which the FACILITIES are located, the real property encompassing the area described on Exhibit "B" - Legal Description, attached hereto, also commonly referred to as East Central Regional Wastewater Treatment Plant (ECRWWTP).

(B) "Commission" shall mean the governing body of WPB, which holds the operating permits for the FACILITIES and operates and manages the FACILITIES in accordance with this Interlocal

Agreement for the benefit of the ENTITIES.

(C) "Cost" as applied to the acquisition and construction of expansions, additions or improvements to the FACILITIES shall include the cost of construction or reconstruction, the cost of all labor, materials, machinery and equipment, easements and franchises of any nature whatsoever, finance charges, interest, the creation of initial reserve or debt service funds, bond discount, cost of plans and specifications, surveys and estimates of costs and revenues, cost of engineering, financial, audit and legal services and all other expenses necessary or incidental in determining the feasibility or practicability of such construction, reconstruction, administrative expenses or such other expenses as may be necessary or incidental to financing authorized by law, and including reimbursement of the ENTITIES for any monies advanced in connection with any of the foregoing items of cost.

(D) "Reserve Capacity" shall mean the capacity allocations as defined in Section 19 below, as shown on Exhibit "E" - Reserve Capacity Percentages.

(E) "Excess Flow" shall mean any three month moving average that exceeds Reserve Capacity.

4. **Establishment of BOARD Functions; Membership.** The ENTITIES hereby create an Operation BOARD (hereinafter referred to as the "BOARD"), under Section 163.01(7), to administer this Agreement. The BOARD shall have the powers enumerated in this Agreement and the additional powers enumerated in Section 163.01(7). The BOARD shall decide all matters related to the FACILITIES, including, but not limited to, approval of all construction contracts, FACILITIES budget and expansion of the FACILITIES and direct WPB as to the operation and management of the FACILITIES. The BOARD so created shall be comprised of five (5) members, one from each ENTITY, who shall be the designated Staff Officials from the respective ENTITIES. Each ENTITY shall appoint an alternate, whom shall represent the ENTITY in the absence of the designated Staff Official, but shall not vote.

(A) Voting of the members of the BOARD shall be by one (1) vote per ENTITY for Administrative and Parliamentary matters including, but not limited to, operating budget approval, establishment of flow charges and dispute resolution amongst the ENTITIES (the "Equal Voting Percentages").

(B) Voting on matters involving the expenditure of capital for existing FACILITY improvements and renewal and replacement items, including, but not limited to, consultant selection and removal, change orders, award of construction contracts, value engineering, approval of engineering documents and settlement of contractor and other third-party disputes, shall be weighted as follows (the "Weighted Voting Percentages"):

The voting percentages shall be calculated

according to each of the ENTITIES' respective reserve capacity. Each ENTITY shall have a minimum of one percent (1%) voting percentage in all BOARD decisions. A super majority vote of greater than fifty percent (>50%) of reserve capacity is required on any decision except as delineated in Paragraph A above. In addition to greater than fifty percent of capacity for a vote to pass, a minimum of three ENTITIES must vote in the majority.

(C) The BOARD members so appointed shall serve at the pleasure of the ENTITY by whom the BOARD member was appointed, and may be removed at any time by such ENTITY, without cause or requirement of hearing. Members shall be deemed to hold office until a successor has been appointed.

(D) WPB shall be charged with providing operational reports as reasonably determined by the BOARD and financial reports to be provided quarterly within 60 days from the end of the quarter in accordance with generally accepted accounting principles at the meetings along with recording the meetings, and providing minutes of the meetings to all members. The BOARD members shall elect a Chair of the BOARD to serve on an annual basis. The elected Chair in conjunction with WPB shall set the agenda for the meetings in accordance with the requests of the BOARD members. The BOARD members shall elect a Vice-Chair to serve as Chair in the Chair's absence.

(E) The BOARD shall meet regularly at least once in every quarter at such time and places as the BOARD may prescribe by rule and all meetings shall be publicly noticed. Special meetings may be held on the call of the Chair or any other two BOARD members, and, whenever practicable, upon no less than twenty-four (24) hours' notice to each member and the public. The BOARD shall determine its own rules and orders of business. A majority (three out of five ENTITIES) of the members of the BOARD shall constitute a quorum; but a smaller number may adjourn from time to time and may compel the attendance of absent members in the manner and subject to the penalties prescribed by the rules of the BOARD. No action of the BOARD, except as otherwise provided in the preceding sentence, shall be valid or binding unless adopted as set forth above.

(F) The BOARD may, from time to time, create subcommittees to address specific issues related to the operation, improvement, permitting and expansion of the FACILITIES. The subcommittees shall serve in an advisory role and shall only provide recommendations to the BOARD for action.

(G) Decisions of the BOARD shall be administered and carried out by WPB. As a mechanism to carry out the actions of the BOARD, the BOARD shall utilize the personnel, purchasing, industrial pretreatment, and Minority Business Enterprise policies and procedures of WPB currently in existence as of

June 17, 1992, Exhibit "F" - WPB Policies and Procedures, and shall consider any future changes to such policies and procedures proposed by WPB, taking into consideration changes to such policies and procedures approved by the Board.

5. **Wastewater Flow Charge Budget.**

A. The BOARD shall establish, and WPB shall implement, a Regional Wastewater Enterprise Fund. Wastewater flow charges will be implemented to provide sufficient funding to properly and efficiently operate and maintain the FACILITIES, to fulfill all bonding requirements, including coverage tests, and to maintain compliance with all regulatory requirements. The BOARD shall establish an annual budget from which the wastewater flow charges will be determined using the formula for sewer flow charges in Exhibit "C" - Flow Charge Formula. Wastewater charges shall be adjusted for increases or decreases accordingly for ancillary charges such as sludge processing as applicable. The formula for establishing flow charges may be modified as determined by the BOARD. Penalties will be assessed by the BOARD for ENTITY flows exceeding reserve capacity on a three-months moving average basis at the rate of 150% of normal charges.

(B) WPB shall submit to the BOARD a proposed annual budget not later than one hundred fifty (150) days prior to the completion of the fiscal year. The proposed budget shall detail the operational expenditures for the FACILITIES for the previous two (2) years, the current year-to-date expenditure, projected year-end total and a budgetary amount for the upcoming fiscal year. The budget shall include the line items as listed in Exhibit "D" - Budget Line Items. The BOARD shall approve a final budget by July 1st or as amended by the BOARD. WPB shall implement the approved budget.

(C) The annual budget shall include the projected costs of services of outside consultants necessary to assist in the operation, maintenance, operational improvement and regulatory compliance of the FACILITIES. The cost of these services shall be included in the wastewater flow charge formula.

(D) WPB shall report monthly to the BOARD members on the year-to-date expenditures and projected year-end costs by line item. WPB may request the BOARD amend the budget to adjust line item expenditures. In the event that the annual budget will not be sufficient to properly operate and maintain the FACILITIES during any fiscal year, WPB shall so notify the ENTITIES through the BOARD and a revised budget and flow charge shall be established by the BOARD. If the budget insufficiency is directly related to gross negligence on the part of WPB in implementing the annual budget, WPB shall be responsible for shortfall.

(E) Decisions of the BOARD shall bind all ENTITIES, and for such decisions, WPB, COUNTY, LW, RB, PB, shall in no way be liable to any of the other ENTITIES of the BOARD.

6. **Renewal and Replacement Fund.** The BOARD shall ensure that adequate funds are available for renewal and replacement (R&R) of the FACILITIES. R&R funds shall be deposited into a separate Agency Fund for the sole purpose of funding each ENTITY's pro-rata share of extraordinary expenses, renewal and improvements, or replacement of capital assets or any part thereof at the FACILITIES. An annual payment shall be made by each ENTITY into the R & R Agency Fund according to the following formula:

> (Replacement plant value) X (ENTITY reserve capacity percentage) X (one percent (1%)). Each ENTITY shall make R&R Agency Fund payments until the amount in the R&R Agency Fund allocated to such ENTITY has reached 10% of such ENTITY's proportionate share of the replacement plant value. No further payments to the R&R Agency Fund will be required by an ENTITY until that ENTITY's share of the Agency Fund falls below 5% of its proportionate share of the replacement plant value. At that time, annual payments shall again be made by the ENTITY until the 10% level has again been reached. The BOARD shall determine the replacement plant value of the FACILITIES at the first meeting of the BOARD every fiscal year, absent which the previous year's value shall carry over until changed by the BOARD. The replacement value as of the effective date of this Agreement shall be as shown on Exhibit "G" - Replacement Plant Value.

Under no circumstances shall any ENTITY's proportionate share of the R&R Agency Fund drop below 1% of its proportionate share of the replacement plant value, except when directed by the Board. From time to time the BOARD may require special non-annual payments be made by each ENTITY to the R&R Agency Fund in anticipation of projects which will require additional funding. Such special non-annual payments shall be calculated in accordance with each ENTITY's Reserve Capacity Percentage of anticipated project costs. All interest earned by the R&R Agency Fund shall accrue to the R&R Agency Fund and be credited proportionately to each ENTITY's account.

All funds currently held by WPB or in escrow on behalf of each ENTITY shall be transferred to the R&R Agency Fund upon execution of this Agreement and shall accrue to such ENTITY'S account, limited to 10% of such ENTITY's replacement plant value at the request of the ENTITY. This accrual may require an ENTITY to commence making annual payments hereunder while other ENTITIES may already have attained their 10% maximum in the R&R Agency Fund. WPB shall submit to the BOARD a proposed annual budget for R&R not later than one hundred fifty (150) days prior to the completion of the fiscal year. The proposed R&R budget shall detail the improvements expenditures for the FACILITIES for the current year-to-date expenditure, projected year-end total and a budgeting amount for the upcoming fiscal year. WPB shall administer the R&R Agency Fund according to this Section and shall submit a monthly status report of the R&R Agency Fund to the BOARD members. At the end of each fiscal year, WPB shall submit, to the BOARD, a year-end financial analysis of the R&R Agency Fund which shall include all

debits, credits, investment, interest and year-end Fund balances prepared in accordance with generally accepted accounting principles. The analysis shall break this information out by ENTITY. The BOARD shall have the power to modify the R&R Agency Fund formula or percentages as needed.

7. **Expansion Policy.** Each ENTITY shall have the right to expand the FACILITIES to meet capacity or special treatment or disposal requirements of the ENTITY provided the following conditions are adhered to:

(A) The BOARD is given written notice, with a reasonable schedule, to provide the additional capacity or special treatment or disposal requirements, and such requirements can feasibly be accomplished given the state of the FACILITIES at the time of request.

(B) The ENTITY(s) involved in the expansion shall execute a separate Participatory Agreement with each other and the BOARD, which shall set forth the responsibility of the affected ENTITY(s) for all costs, direct and indirect, associated with the request. Prior to entering into construction contracts for such separate expansions the ENTITY or ENTITIES shall show financial capability and technical feasibility for such a project in a manner acceptable to the BOARD.

(C) The BOARD shall be responsible for directing WPB in the procurement of all services required to comply with the request, including but not limited to, consultant's selection and removal, award of construction contracts, change orders, approval of engineering documents and settlement of construction disputes.

8. **System Operation.** Operation and maintenance of the FACILITIES shall be the responsibility and obligation of WPB provided that an adequate budget is adopted by the BOARD. WPB shall provide sufficient personnel, with appropriate experience to undertake all FACILITIES operations and maintenance, comply with all regulatory requirements, including, but not limited to, those imposed by the Florida Department of Environmental Regulation, the Palm Beach County Health Department and U.S. Environmental Protection Agency. Each ENTITY shall comply with the rules and regulations governing a sewage flow into the FACILITIES as set forth in the Pretreatment Ordinance as adopted by the BOARD, and as such rules and regulations may be changed from time to time by the BOARD. If new regulatory requirements necessitate capital improvements or budget amendments, the BOARD shall take all necessary actions to accomplish the same, and WPB shall implement the decisions of the BOARD. The failure or inaction of the BOARD to carry out or authorize the recommendations as presented by WPB for compliance of any consent order, regulatory agency or operating permit by WPB shall preclude such liability as may be placed on WPB and shall entitle WPB to indemnification for all costs and penalties by the other ENTITIES. WPB shall be liable for all regulatory violations, including compliance costs or penalties assessed for same, which

arise out of or are solely related to: (1) material errors or omissions by its personnel and agents in the day-to-day operations of the FACILITIES; or (2) the failure of WPB to timely proceed administratively to undertake or complete a requirement imposed by any regulatory agency in any consent order or operating permit. Other regulatory violations, caused by action of the BOARD including the costs of bringing the FACILITIES into compliance and penalties assessed, shall be included as an expense of the FACILITIES and shared by the ENTITIES. WPB shall maintain adequate catastrophic insurance on the FACILITIES on such terms and amounts as set by the BOARD.

9. **Metering.** The metering for flow charges shall be accomplished by WPB as directed by the BOARD. This shall include a metering system owned by an ENTITY as approved by the BOARD. Such metering shall be acceptable to regulatory agencies in addition to the BOARD. The meters shall be calibrated quarterly by an independent contractor as selected by the BOARD. In the event of meter malfunction, flow shall be calculated using the previous year's 3-month average consisting of the month in question plus the preceding and subsequent months.

10. **Reports of the System.** WPB shall cause to be made, at least once each year, financial statements prepared in accordance with generally accepted accounting principles and shall have performed an independent audit in accordance with generally accepted auditing standards. Copies of such reports shall be filed promptly with the ENTITIES within 210 days and shall be open to public inspection. WPB shall also provide monthly operating and financial reports (including regulatory submissions) and quarterly financial statements in accordance with generally accepted accounting principles to the BOARD members. WPB shall comply with the requirements of Chapter 189, F.S., as it applies to the BOARD.

11. **Payments to BOARD.** On behalf of the BOARD, WPB shall invoice each ENTITY monthly thirty (30) days prior to the beginning of the month for its wastewater flow charges. The ENTITIES shall make required payments to WPB within thirty (30) days of the date of invoice. Payments not received within thirty (30) days shall accrue interest at the legal rate of twelve percent (12%) per annum, as amended by law from time to time. WPB shall hold all unspent funds in an interest-bearing account until expended.

12. **Compensation.** The members of the BOARD shall serve without compensation under this Agreement.

13. **Expenses.** The BOARD is established on the basis that the schedule of wastewater flow charges and other charges cause the FACILITIES to be self-sustaining. The BOARD shall not be authorized to create or distribute a profit or surplus to any ENTITY, including WPB. This shall not, however, prevent the BOARD from establishing reserves or adding to existing R & R Reserves, for capital projects and/or unanticipated expenses in keeping with sound, prudent, and reasonable operation of the system in accordance with industry standards or from fulfilling any other requirements imposed by bond financing, law, or previous agreements

not superseded.

14. **Term and Termination.** The term of this Agreement is for an initial period of thirty years with a renewable term of thirty years upon the mutual consent of the parties. This Interlocal Agreement shall terminate only upon the consent of one hundred percent (100%) of the ENTITIES. Any ENTITY can withdraw from participation in this Agreement but will lose its interest and allocation in the FACILITIES and shall continue to meet its obligations. Any ENTITY may assign its interest to one or more of the other ENTITIES or any other BOARD approved designee.

15. **Disposition of the System.** Should the FACILITIES be sold or disposed of by the BOARD (by one hundred percent (100%) vote), proceeds of the sale or disposition shall be prorated among the ENTITIES in proportion to the allocated reserve capacity of each jurisdiction as of the date of disposition.

16. **Miscellaneous.** This Agreement may not be amended, except upon the written agreement of the ENTITIES holding a cumulative capacity allocation of one hundred percent (100%). In the event of any dispute arising out of or in relation to this Agreement, the prevailing party shall be entitled to attorney's fees and costs, including attorney's fees through all appellate procedures.

17. **Dispute Resolution.** In the event of a dispute involving payment of an amount due from any ENTITY hereunder, the full amount shall be paid to WPB, with the amount in dispute to be held by WPB in escrow pending resolution of the dispute. Such escrow funds shall be invested with interest, with the interest accruing to the prevailing party (BOARD or disputing ENTITY).

In the event a dispute arises between or among any of the ENTITIES as to any matter arising out of this Agreement, exclusive of matters that relate to WPB's responsibility to comply with Federal, State, and local regulatory requirements, such dispute shall be resolved as follows:

(A) The disputed issue will be presented to the BOARD. If the parties in dispute do not agree with the majority (three out of five ENTITIES) decision of the BOARD, then the disputing parties may, if in full agreement, refer the item to non-binding arbitration before one (1) arbitrator, pursuant to the rules of the American Arbitration Association. The arbitrator shall be selected by joint agreement of all parties to the proceeding from a list of arbitrators prepared by the American Arbitration Association experienced in engineering and operation of municipal wastewater treatment facilities. If the parties do not agree within twenty (20) days of the date of request for arbitration, the selection shall be made pursuant to the rules of such Association.

The award rendered by the arbitrator shall be non-binding upon the parties to the proceeding. Each party shall pay its own expenses of arbitration and the expenses of the arbitrator shall be equally shared. Nothing herein shall prevent the parties from settling any dispute between or among them by mutual agreement at any time.

(B) Before filing any legal action in court pertaining to any dispute or other matter in question arising out of or relating to the Agreement or the breach thereof, the claimant/objector shall first define the dispute to the other party to this Agreement in writing and make a specific demand or offer a specific counterproposal thereto within thirty (30) days of the receipt of such claim demand and settlement proposal, or if the claimant/objector fails to accept any counterproposal from the other party within thirty (30) days of receipt thereof, the other party shall be free to pursue all legal remedies available in a court of competent jurisdiction in accordance with Paragraph C hereof.

(C) Any dispute arising out of the terms of this Agreement shall be litigated in the Fifteenth Judicial Circuit Court in and for Palm Beach County, Florida.

18. **Filing.** Upon execution of this Agreement and subsequent amendments thereto, this Agreement, and such subsequent amendments shall be filed with the Clerk of the Circuit Court of Palm Beach County. This Agreement shall be effective upon filing with the Clerk.

19. **Reserve Capacity Percentages.** The ENTITIES agree and acknowledge that the existing capacity allocated to each of the ENTITIES is as set forth in Exhibit "E" - Reserve Capacity Percentages attached hereto and made a part hereof. This capacity shall be adjusted from time to time by the BOARD to reflect changes due to expansion under Paragraph 7 above or agreement of the ENTITIES to reallocate capacity.

20. **Prior Agreement.** The ENTITIES agree that this Interlocal Agreement constitutes the entire agreement of the parties hereto on the matters set forth herein and supersedes only those prior Interlocal Agreements as shown in Exhibit "A" attached hereto, between the parties relating to the FACILITIES.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the day and year first above written.

WITNESSES:

Peter B. Ebell

Cindy Cousins

(OFFICIAL SEAL)

TOWN OF PALM BEACH, FLORIDA

Mayor

ATTEST:

By: Jacqueline Reedy, Acting Clerk

WITNESSES:

Judith E. Crosbie

(OFFICIAL SEAL)

PALM BEACH COUNTY, FLORIDA

Chairman

ATTEST: MILTON T. BAUER, CLERK

By: Linda C. Hebert

Deputy Clerk

WITNESSES:

(OFFICIAL SEAL)

CITY OF RIVIERA BEACH, FLORIDA

ATTEST:

By: Edna K. Williams

Mayor

WITNESSES:

(OFFICIAL SEAL)

CITY OF LAKE WORTH, FLORIDA

ATTEST:

By:

Mayor

WITNESSES:

Agnes E. Haythurst

(OFFICIAL SEAL)

CITY OF WEST PALM BEACH, FLORIDA

ATTEST:

By: Tracy M. Graham

Mayor

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

COUNTY ATTORNEY

LIST OF EXHIBITS
ATTACHED TO INTERLOCAL AGREEMENT

EXHIBIT A - INTERLOCAL AGREEMENTS

EXHIBIT B - LEGAL DESCRIPTION

EXHIBIT C - FLOW CHARGE FORMULA

EXHIBIT D - BUDGET LINE ITEMS

EXHIBIT E - RESERVE CAPACITY PERCENTAGES

EXHIBIT F - POLICIES AND PROCEDURES

EXHIBIT G - REPLACEMENT PLANT VALUE

EXHIBIT A

INTERLOCAL AGREEMENTS

TITLE OF AGREEMENT	DATE
Resolution 141-72 Resolution Approving Agreement Between The Town of Palm Beach and the City of West Palm Beach.	12/6/72
Resolution R76-712 Resolution Approving Agreement Between Palm Beach County, Florida, and The City of West Palm Beach for the Construction of an 8 MGD Module at the Regional Sewage Treatment Plant.	8/10/76
Resolution 122-76 Resolution Approving Agreement Between The City of Riviera Beach and the City of West Palm Beach.	8/18/76
Resolution R94-76 and U31-76 Resolution Approving Agreement Between Lake Worth Utilities Authority and the City of West Palm Beach.	9/8/76

EXHIBIT B

LEGAL DESCRIPTION OF

LAND RESERVED FOR

REGIONAL SEWAGE TREATMENT PLANT

CITY OF WEST PALM BEACH

July 19, 1974

A parcel of land containing 300 acres, more or less, in Section 11, Township 43 South, Range 42 East, Palm Beach County, Florida, more particularly described as follows:

From a point of beginning being the Southwest corner of Section 11, Township 43 South, Range 42 East, Palm Beach County, Florida, run North along the West line of said Section 11, a distance of 3,012.57 feet more or less, to the Southerly line of the Florida Gas Company easement; thence Northeasterly along said easement, making an angle of 49°-58'-10" with the preceding course as measured from North to Southeast, a distance of 1,115.7 feet more or less to a point; thence Easterly, making an angle of 39° -45'-22" with the preceding course as measured from North to East, a distance of 2,756 feet more or less to a point; thence Southerly, making an angle of 90° -02'-14" with the preceding course as measured from East to South a distance of 3,725 feet more or less to a point on the South Section line of Section 11; thence West along said section line a distance of 3,615 feet more or less to the point of beginning.

EXHIBIT C

EAST CENTRAL REGIONAL WASTEWATER TREATMENT PLANT

FLOW CHARGE FORMULA

Wastewater Flow Charge = Direct Expenses + Indirect Expenses

Direct Expenses = ECRWWTP Expenses + 20% Utility Engineering Expenses
(Acct #340) (Acct #160)
(Acct #350)
(Acct #410)

$$\text{Indirect Expenses} = \left(\frac{\text{Direct WWTP Expenses}}{\text{Direct Sewer Expenses}}\right)\left(\frac{\text{Total Wastewater Expenses}}{\text{Direct Water \& Sewer Expenses}}\right)\left(\text{Utility Administrative Expenses}\right)$$

Methodology For Indirect Expenses Calculation

Step 1 $\dfrac{\text{Acct \#340} + 20\% \text{ Acct \#160}}{\text{Acct \#310} + \text{Acct \#320} + \text{Acct \#330} + \text{Acct \#340}} = A\ (\%)$

Step 2 A % x Admin. Cost Acct #100 = B

Step 3 $\dfrac{B + \text{Acct \#340} + 20\% \text{ Acct \#160} + \text{Acct \#310} + \text{Acct \#320} + \text{Acct \#330}}{\text{Acct \#210} + \text{Acct \#230} + \text{Acct \#240} + \text{Acct \#310} + \text{Acct \#320} + \text{Acct \#330} + \text{Acct \#340}} = C\ (\%)$

Step 4 A (%) x C (%) x Admin. Cost Acct #100 = Indirect Expenses

Typical Flow Charge Breakdown

1. Direct Expenses
   - Direct WWTP = 31.34 cents/1,000 gal (79%) (Acct #340)
   - Engineering Allocation = 0.48 cents/1,000 gal (1.2%) (20% of Acct #160)

Total Direct = 31.82 cents/1,000 gal (80%)

2. Indirect Expenses
   - Administrative Allocation = 7.85 cents/1,000 gal (20%)

Total Charge = 39.67 cents/1,000 gal

FUND:450: WATER & SEWAGE SYSTEMS REVENUE FUND
DEPT:097: UTILITIES
DIV: 340: WASTEWATER TREATMENT PLANT

PERSONAL SERVICES

536120 REGULAR SALARIES & WAGES
536140 OVERTIME
536150 SPECIAL PAY
536212 FICA TAXES
536229 RETIREMENT CONTRIBUTIONS
536231 HEALTH INSURANCE
536232 LIFE INSURANCE
536240 WORKER'S COMPENSATION

MATERIALS & SERVICES

536310 PROFESSIONAL SERVICES
536313 ENGINEERING SERVICES
536340 OTHER CONTRACTUAL SERVICES
536345 MIS MAINTENANCE SERVICES
536400 TRAVEL AND PER DIEM
536403 TRAINING
536411 COMMUNICATIONS SYSTEMS SERVICES
536420 TRANSPORTATION
536431 ELECTRIC SERVICE
536433 WATER SERVICE
536434 SEWER SERVICE
536435 WASTE DISPOSAL SERVICE
536440 RENTALS AND LEASES
536450 INSURANCE
536451 INSURANCE- GENERAL LIABILITY
536455 INSURANCE- AUTO LIABILITY
536460 REPAIR & MAINTENANCE SERVICES
536468 EQUIPMENT MAINTENANCE
536470 PRINTING AND BINDING
536482 LEGAL ADS
536490 OPERATIONAL EXPENSES
536510 OFFICE SUPPLIES
536520 OPERATING SUPPLIES
536521 GASOLINE
536522 DIESEL FUEL
536523 LUBRICANTS
536524 CHEMICALS
536525 UNIFORMS
536530 ROAD MATERIALS & SUPPLIES
536540 BOOKS, SUBSCRIPTIONS & MEMBERHSIPS
536560 MINOR EQUIPMENT

CAPITAL OUTLAY

536640 MACHINERY & EQUIPMENT
536641 AUTOMOTIVE EQUIPMENT

REVENUE

SEWER SERVICE CHARGE-WPB
343514 SEWER SERVICE CHARGE-LW
343515 SEWER SERVICE CHARGE-RB
343516 SEWER SERVICE CHARGE-PBC
343517 SEWER SERVICE CHARGE-TPB

FUND:450: WATER & SEWAGE SYSTEMS REVENUE FUND
DEPT:097: UTILITIES
DIV: 350: INDUSTRIAL PRE-TREATMENT

PERSONAL SERVICES

536120 REGULAR SALARIES & WAGES
536140 OVERTIME
536150 SPECIAL PAY
536212 FICA TAXES
536229 RETIREMENT CONTRIBUTIONS
536231 HEALTH INSURANCE
536232 LIFE INSURANCE
536240 WORKER'S COMPENSATION

MATERIALS & SERVICES

536310 PROFESSIONAL SERVICES
536313 ENGINEERING SERVICES
536340 OTHER CONTRACTUAL SERVICES
536400 TRAVEL AND PER DIEM
536411 COMMUNICATIONS SYSTEMS SERVICES
536420 TRANSPORTATION
536451 INSURANCE- GENERAL LIABILITY
536460 REPAIR & MAINTENANCE SERVICES
536468 EQUIPMENT MAINTENANCE
536470 PRINTING AND BINDING
536482 LEGAL ADS
536490 OPERATIONAL EXPENSES
536510 OFFICE SUPPLIES
536520 OPERATING SUPPLIES
536525 UNIFORMS
536540 BOOKS, SUBSCRIPTIONS & MEMBERHSIPS
536560 MINOR EQUIPMENT

CAPITAL OUTLAY

536640 MACHINERY & EQUIPMENT
536641 AUTOMOTIVE EQUIPMENT

REVENUE

329210 SEWER DISCHARGE PERMIT

FUND:450: WATER & SEWAGE SYSTEMS REVENUE FUND
DEPT:097: UTILITIES
DIV: 340: E.C.R. MAINTENANCE

PERSONAL SERVICES

536120 REGULAR SALARIES & WAGES
536140 OVERTIME
536150 SPECIAL PAY
536212 FICA TAXES
536229 RETIREMENT CONTRIBUTIONS
536231 HEALTH INSURANCE
536232 LIFE INSURANCE
536240 WORKER'S COMPENSATION

MATERIALS & SERVICES

536340 OTHER CONTRCTUAL SERVICES
536435 WASTE DISPOSAL SERVICE
536440 RENTALS AND LEASES
536460 REPAIR & MAINTENANCE SERVICES
536520 OPERATING SUPPLIES
536522 DIESEL FUEL
536523 LUBRICANTS
536525 UNIFORMS
536560 MINOR EQUIPMENT

CAPITAL OUTLAY

536640 MACHINERY & EQUIPMENT
536641 AUTOMOTIVE EQUIPMENT

The thirteenth, fourteenth and fifteenth digits of the suggested expenditure account designate the sub-object classification. The six sub-objects and their control are :

100 - 260	Personal Services
300 - 560	Operating Expenses
600 - 660	Capital Outlay
700 - 730	Debt Service
800 - 888	Grants and Aids
900 - 999	Non-Operating

All departments are required to use these six sub-object classifications, however, they may be expanded at the discretion of the Finance Department.

100 PERSONAL SERVICES

Expenses for salaries, wages, and related benefits provided for all persons employed by the local unit of government whether full-time, part-time, temporary, or seasonal. Employee benefits include employer contributions to a retirement system, social security, insurance, sick leave, terminal pay and similar direct benefits as well as other costs such as Worker's Compensation and Unemployment Compensation Insurance.

110 Executive Salaries

Includes elected officials and top level management positions. (For constitutional offices include the officers salary only.) Also includes special qualification salary for elected officials (Chapter 145, Florida Statutes), if earned.

120 Regular Salaries and Wages

Includes employees who are or will be members of a retirement system as a condition of their employment. Includes all full-time and part-time employees who make up the regular work force. Employees who are serving a probationary employment period shall be included in this category if they satisfy the other requirements.

This includes all salaries and salary supplements for official court reporters and electronic recorder operator transcribers.

130 **Other Salaries and Wages**

Employees who are not and will not be members of a retirement system as a condition of their employment. Includes all full-time and part-time employees who are not part of the regular work force and who are filling positions having a temporary duration, usually less than 4 consecutive months in a 12-month period.

Reference: Sections 22B-1.04(5)(b) and 22B-1.04(6), FAC.

140 **Overtime**

Payments in addition to regular salaries and wages for services performed in excess of the regular work hour requirement. This includes all overtime for official court reporters and electronic recorder operator transcribers. Also include the straight time paid to employees required to work on a legal holiday.

150 **Special Pay**

Includes compensation paid to employees for which no contributions shall be required and no benefits shall be paid under the provisions of the Florida Retirement System or any local government retirement system. This includes incentive pay for law enforcement officers and firefighters.

Reference: Section 943.22(2)(e), FS. - Law Enforcement and Correctional Officers and Section 663.382(5)(c), FS.-Firefighters.

155 **Off Duty Pay**

Compensation paid to police personnel for providing security service to outside agencies.

212 **FICA Taxes**

Social Security matching contribution.

220 **Retirement Contributions-General**

Amounts contributed to a retirement fund for General employees.

225 **Retirement Contributions-Police**

Amounts contributed to a retirement fund for sworn Police personnel.

227 **Retirement Contributions-Fire**

Amounts contributed to a retirement fund for uniformed Firefighters.

313 **Legal Services-Pensions**

Fees for attorney services regarding pensions.

314 **Medical Services**

Fees for services from doctors, clinics, dental services, veterinary services, hospitals, etc.

316 **Engineering Services**

Fees paid for engineering services.

320 **Accounting and Auditing**

Generally includes all services received from independent certified public accountants.

340 **Other Contractual Services**

Custodial, janitorial and other services procured independently by contract or agreement with persons, firms, corporations or other governmental units. Do not include contracts or services which are defined under sub-objects 310, 311, 312, 313, 314, 316, 320, 460 and 470.

345 **MIS Maintenance Services**

Services provided by the internal service fund for data processing, maintaining existing programs and the mainframe, and debugging existing programs.

346 **MIS New Programs**

Costs of services provided by the internal service fund for implementing new software, new programs, new reports, etc.

347 **Outside Data Processing Services**

This includes services related to data processing that are not provided by the MIS department.

400 **Travel**

This includes the costs of public transportation, motor pool charges, reimbursements for use of private vehicles, per diem, meals and incidental travel expenses.

401 **Motor Pool Services**

Charges for use and replacement of motor pool equipment. Charges are from the Fleet Management internal service fund.

403 **Training**

This includes course registration fees, tuition and other training costs.

404 **Employee Development**

Funds used by the Employee Relations Department for college courses, training courses, etc., for employees throughout the City.

411 **Communications Systems Service**

Charges for dispatching services and communications equipment maintenance (i.e. radios & telephones) from the Telecommunications Internal Service Fund.

412 **Telephone Service**

Amounts paid for telephone bills. This includes cellular telephone service.

420 **Transportation**

Freight and express charges, drayage, postage and messenger services.

431 **Electric Service**

Amounts paid for electric service.

432 **Gas Service**

Amounts paid for propane and natural gas utility service.

433 **Water Service**

Amounts paid for water bills.

434 **Sewer Service**

Amounts paid for sewer bills.

435 **Waste Disposal Services**

Amounts paid for solid waste collection bills.

440 **Rentals and Leases**

Amounts paid for leasing or renting land, buildings or equipment. This would also include leasing vehicles.

450 **Insurance**

Includes all insurance carried for protecting the local government such as fire, theft, casualty, general and professional liability, auto coverage, surety bonds, etc.

451 **Insurance - General Liability**

Amounts provided to Risk Management through the Budget Office for charges including damages to property, buildings and contents, city equipment, etc.

452 **Auto Liability Claims**

Auto liability claims paid by the Risk Management internal service fund.

453 **General Liability Claims**

General liability claims paid by the Risk Management internal service fund.

454 **Workers' Compensation Claims**

Claims paid for workers' compensation.

455 **Insurance - Auto Liability**

Amounts provided to Risk Management through the Budget Office for charges including damages to automobiles, trucks, etc.

460 **Repair and Maintenance Services**

The costs incurred for the repair and maintenance of building and equipment, including all maintenance and service contracts. Do not include custodial or janitorial services which are recorded under sub-object 340.

461 **Fire Equipment Maintenance**

Repair parts and maintenance costs from outside vendors for Fire Department vehicles and equipment.

462 **Automotive Repair and Maintenance**

Used only by the Fleet Management internal service fund. Includes cost of parts, outside repairs and maintenance equipment.

463 **Sweeper Maintenance**

Costs related to the repair and preventative maintenance of City sweeper vehicles, e.g., brooms, rubber squeegees, lubricants, etc.

464 **Auto Physical Damage**

Repair or replacement of autos due to accidents.

465 **Property Damage and Theft**

Repair or replacement of property damaged, excluding autos.

468 **Equipment Maintenance**

Charges for services from the internal service fund for equipment maintenance, i.e., services on vehicles, trucks, lawn mowers, gasoline or diesel powered equipment.

470 **Printing and Binding**

Costs of printing, binding and other reproduction services which are contracted for or purchased from outside vendors. Also include charges for printing, etc., performed by an in-house print shop. Charges related to the use of the Fax machine.

475 **Outside Printing Services**

Costs for printing services not provided by the City's Printing Internal Service Fund.

480 **Promotional Activities**

Includes any type of promotional advertising on behalf of the City, but does not include legal ads.

481 **Advertising**

Includes any type of promotional advertising on behalf of the local unit, but does not include legal ads.

482 **Legal Ads**

Amounts paid for legal ads.

490 **Operational Expenses**

Includes other services not otherwise classified, ordinary witness fees, expert witness fees, information and evidence, etc.

491 **Bad Debt Expense**

Expenses incurred by the inability to collect receivables.

493 **Licenses and Permits**

Fees paid for licenses and permits needed during special events coordinated by the City.

495 **Defense Fees and Costs**

Used only by the Risk Management Fund for witness fees, subpoena fees, court reporter fees, etc.

510 **Office Supplies**

This object includes materials and supplies such as stationary, preprinted forms, paper, computer software, charts and maps.

520 **Operating Supplies**

All types of supplies consumed in conducting operations. This category may include food, laboratory supplies, household items, institutional supplies, film, batteries, copy machine supplies, fertilizer and ammunition. Do not include items classified in 521, 522, 523, 524 or 525. Also includes recording tapes and transcript production supplies. Do not include materials and supplies unique to construction or repair of roads or bridges.

521 **Gasoline**

Includes charges from fuel operations for fuel provided.

522 **Diesel Fuel**

523 **Lubricants**

Includes charges from Fleet Management for oil and other lubricants.

524 **Chemicals**

Chemicals such as chlorine, ammonia, etc., and chemicals used to recharge fire extinguishers (excluding the annual maintenance).

525 **Uniforms**

Uniform purchase, boots, fire helmets and bunker coats, police holsters, badges and other clothing including rain gear and safety clothing.

530 **Road Materials and Supplies**

Those materials and supplies used exclusively in the repair and installation of street signs and street striping.

531 **Concrete Materials**

Materials such as concrete, rebar, wire mesh, wood, etc., used for the repair of sidewalk curbs and foundations.

532 **Asphalt Materials**

Materials such as asphalt, tack, etc., used for the repair of potholes and the paving of roads.

533 **Sewer Materials**

Materials used for the repair and maintenance of stormwater inlets, piping, and culverts.

535 **Street Lighting Materials and Supplies**

Materials used exclusively for the repair and replacement of street lighting fixtures, poles, fuses, wire, etc.

540 **Books, Publications, Subscriptions, and Memberships**

Includes books, or sets of books if purchased by set, of unit value less than $500 and not purchases for use by libraries, educational institutions, and other institutions where books and publications constitute capital outlay. This object also includes subscriptions, memberships and professional licenses, paramedic certification fees, and related educational and/or professional data costs.

560 **Minor Equipment**

Includes light equipment of unit value less than $500 such as office equipment and other light machinery and equipment, e.g., calculators, chairs, typewriters, etc.

600 CAPITAL OUTLAY

Outlay for the acquisition of or addition to fixed assets.

610 **Land**

Land acquisition costs, easements, right of way.

620 **Buildings**

Office buildings, firehouses, garages, jails, zoos, parks and recreational buildings.

621 **Building Improvements**

Remodeling and improvements made to existing buildings.

622 **Conference/Civic Center**

Costs to construct a conference/civic center including related consultants studies.

630 **Improvements Other Than Buildings**

Includes structures and facilities other than buildings such as roads, bridges, curbs, gutters, docks, wharves, fences, landscaping, lighting systems, parking areas, storm drains, athletic fields, etc. Does not include items classified under 631, 632, 633, 634, 635 and 636.

631 **Sewers, Pipes, Manholes & Service Connections**

Utilities department new sewer connections and manholes.

632 **Meters**

Meters purchased for utility customer accounts.

633 **Fire Hydrants**

Utilities department new fire hydrants.

634 **Water Main, Valves & Copper Service Lines**

Utilities department new mains, etc.

635 **Private Fire Protection**

Utilities department new private fire lines.

636 **Landscaping, Fencing and Parking Areas**

Costs for new landscaping, fencing and parking areas.

637 **Road Improvements**

640 **Machinery and Equipment**

Includes motor vehicles, heavy equipment - transportation, other heavy equipment, office furniture and equipment, and other machinery and equipment. Also includes court recording, duplicating, and transcribing equipment.

641 **Automotive Equipment**

Includes motor vehicles and items affixed to the vehicles such as lights, sirens, cages, etc.

650 **Construction in Progress**

This object is used to account for undistributed work in progress on construction projects. Sufficient documentation of work orders and other related records should be kept in order to establish the validity of this account when posted to the general fixed assets group accounts.

660 **Books, Publications, and Library Materials**

This object includes all books and publications regardless of value when purchased for use by libraries, educational institutions, and other institutions or facilities where such items constitute a major capital outlay category. This object is also used for these items when they **exceed a $500 unit value** regardless of the institution or facility purchasing them.

700 DEBT SERVICE

Outlays for debt service purposes.

710 **Principal**

Regularly scheduled principal payments of debt service.

720 **Interest**

Interest payments of debt service.

721 **Bonds, Retired Early**

Payments to retire bonds before their normal due date.

722 **Premium on Bonds Retired Early**

Premiums paid to retire bonds before their normal due date.

730 **Other Debt Service Costs**

Payments for trustee fees, agent fees, etc.

800 GRANTS AND AIDS

Includes all grants, subsidies and contributions to other government agencies and private organizations.

810 **Aid to Government Agencies**

Includes all grants, subsidies and contributions to other governmental units. Excludes transfers to agencies within the same governmental entity.

820 **Aid to Private Organizations**

Include all grants, subsidies and contributions to private organizations.

835 Undesignated Donations

Funds that have been set aside for donations but have not yet been assigned to a specific organization.

900 NON-OPERATING

910 Transfers

Includes all transfers between funds which do not represent operating expenditures.

920 Advances

Includes advances to establish working capital and petty cash funds which are expected to be returned when the fund is liquidated.

930 Budget Transfers

Transfers between the Board of County Commissioners, the Constitutional Officers and other taxing authorities.

950 Contingency

Expenditures cannot be made directly from this account. Amounts can be transferred from this account to any other expenditure account in the same fund via an "F" Resolution.

990 Less Amounts Capitalized

Fixed assets purchased through budgetary expenditure accounts get offset by this account in the ISFs and Enterprise Funds.

991 Transfer to Equipment Replacement Reserve

992 Amortization Expense

998 Depreciation Expense

999 Transfer to Fund Balance/Retained Earnings

229 **Retirement Contributions-Utilities**

Amounts contributed to a retirement fund for employees of the Utilities Department.

231 **Health Insurance**

Health insurance premiums and benefits paid for employees.

232 **Life Insurance**

Life insurance premiums and benefits paid for employees.

240 **Workers' Compensation**

Premiums and benefits paid for workers' compensation insurance.

250 **Unemployment Compensation**

Amounts contributed to the unemployment compensation fund.

00 OPERATING EXPENSES

Includes expenditures for goods and services which primarily benefit the current period and are not defined as personal services or capital outlay.

301 **Administrative Expense**

Indirect costs, parking administrative fees, P.I.L.O.T., cost allocation, city services charged to utilities, etc.

310 **Professional Services**

Legal, medical, dental, engineering, architectural, appraisal and other services procured by the local unit as independent professional assistance. Includes such financial services as bond rating, where the service received is not directly involved with accounting and/or auditing. Also, include fees paid for competency and/or psychiatric evaluations and court appointed attorneys.

311 **Legal Services**

Fees for attorney services.

312 **Legal Services-Investment Claims**

Fees for attorney services regarding investment claims.

EXHIBIT E

RESERVE CAPACITY PERCENTAGES

East Central Regional

Wastewater Treatment Plant

55 MGD (Current Rated Capacity)

ENTITY	FLOW ALLOCATION (MGD)	PERCENTAGE
Lake Worth	12.5	22.727%
Riviera Beach	8.0	14.546%
West Palm Beach	17.0	30.909%
Town of Palm Beach	5.0	9.091%
Palm Beach County	12.5	22.727%
Total:	55.0	100%

EXHIBIT "F"

CITY OF WEST PALM BEACH POLICIES AND PROCEDURES INCORPORATED HEREIN BY REFERENCE

PERSONNEL

Chapter 2 of the City Code relating to personnel

CIVIL SERVICES RULES AND REGULATIONS

JOB CLASSIFICATION AND PAY PLAN

DISCIPLINE ADMINISTRATION MANUAL

PROCUREMENT

CITY OF WEST PALM BEACH PROCUREMENT CODE

MINORITY/WOMEN BUSINESS ENTERPRISE PROGRAM ORDINANCE AND POLICIES

INDUSTRIAL PRETREATMENT

Article VII of Chapter 31, City Code of Ordinances

EXHIBIT G

EAST CENTRAL REGIONAL WASTEWATER TREATMENT PLANT
ESTIMATED REPLACEMENT VALUE

UNIT PROCESS	Estimated Replacement Value ($1,000)		
	Existing Facilities	Facility Improvements	Improved Facilities
Influent Metering	300	-0-	300
Influent Screening & Headworks	2,600	400	3,000
Grit Removal	-0-	2,200	2,200
Conventional Activated Sludge, Diffused Aeration	17,600	4,400	22,000
Secondary Clarification	18,200	-0-	18,200
Return Sludge Pumping	3,600	-0-	3,600
Waste Sludge Pumping	200	100	300
Chlorine Disinfection	1,700	-0-	1,700
Effluent Pumping	5,000	2,900	7,900
Deep Well Disposal	24,000	4,000	28,000
Flow Equalization	4,000	200	4,200
Aerobic Digestion	7,800	-0-	7,800
Decant Tanks	1,500	-0-	1,500
Sludge Thickening	-0-	2,700	2,700
Sludge Dewatering	3,500	2,200	5,700
Supernatant Pumping	300	-0-	300
Reclaimed Water Production	-0-	7,800	7,800
AWT/Wetlands	-0-	900	900
Septage Receiving	-0-	1,700	1,700
Administration Building	300	-0-	300
Miscellaneous (Electric, Piping, Roads, Structures, etc.)	10,000	4,100	14,100
TOTAL	100,600	33,600	134,200

July 14, 2026

RE: ECR Board Letter of Appointment for Mr. Richard Gallant as the Alternate Member of the ECR Board

Dear ECR Board Members:

This letter is to serve as written notice that Mr. Richard Gallant has been appointed as the alternate Riviera Beach representative and voting Board member of the East Central Regional Water Reclamation Facility, effective July 14, 2026.

Mr. Gallant is afforded the rights and privileges of a full voting alternate ECR Board member. He represents the interests of the City of Riviera Beach in his capacity as the Assistant Utility Director of the City of Riviera Beach Utility Special District.

If you have any further questions with regard to this matter, please do not hesitate to contact my office at (561) 845-4090.

Sincerely,

Glen Spiritis, Chairperson
City of Riviera Beach Utility Special District

Attachment: City of Riviera Beach Utility Special District Resolution
Cc: Mr. William Wilkins, City Manager – City of Riviera Beach
Mr. Richard Gallant, Assistant Utility Director – Riviera Beach Utility Special District
Mr. Phillip C. Gildan, Esq. – ECR Board Counsel (Greenberg Traurig, P.A.)
Mrs. Kendra Fervil, – ECR Board Secretary

Riviera Beach - Utility Special District

To: Honorable Mayor, Chairperson and Board Members

From: Joshua Niemann, Utility Special District Executive Director

Through: William Wilkins, Interim City Manager

Subject: **Resolution Number 30-26UD: A Resolution of the Utility Special District Board of Directors of the City of Riviera Beach, Palm Beach County, Florida authorizing the Board to delegate authority to execute all permit applications related to the Utility Special District and its service area from the Palm Beach County Health Department, South Florida Water Management District, Florida Department of Environmental Protection, and United States Army Corps of Engineers to Joshua Niemann, Executive Director of Utility Special District and in his absence Richard Gallant as the Assistant Utility Director as the authorized signee; and providing for an effective date.**

Date: July 14, 2026

CC: General Public

Background:

Delegating signature authority to the Executive Director and Assistant Director is critical to ensure operational continuity, prevent project bottlenecks. Waiting for scheduled board of directors meetings to approve and sign routine environmental and construction permits stalls infrastructure development and disrupts essential utility services. This immediate authorization allows the district to meet strict, non-negotiable funding deadlines for state and federal permit application, while simultaneously satisfying tight compliance timelines enforced by regulatory bodies like the South Florida Water Management District and the Florida Department of Health. furthermore, grant of authority to both the executive director and assistant director ensures an uninterrupted workflow during absences, enabling the utility district to streamline complex coordination with local city departments, county boards, and federal agencies like the

U.S. Army Corps of Engineers without compromising legal compliance or safety.

City Goals:
The Citywide Goal is to Accelerate Operational Excellence.

Fiscal/Budget Impact:
There are no Budget or Fiscal impacts for this Item.

Recommendation:
Staff recommends a Motion to approve Resolution Number 30-26UD.

Attachments:
1. Resolution_30-26UD.docx
2. Resolution_30-26UD_FDEP_Letter_of_Appointment.docx
3. Resolution_30-26UD_PBCHD_Letter_of_Appointment.docx
4. Resolution_30-26UD_SFWMD_Letter_of_Appointment.docx
5. Resolution_30-26UD_USACE_Letter_of_Appointment.docx

Resolution Number 30-26UD

A Resolution of the Utility Special District Board of Directors of the City of Riviera Beach, Palm Beach County, Florida Authorizing the Board to Delegate Authority to Execute all Permit Applications related to the Utility Special District and its Service Area from the Palm Beach County Health Department, South Florida Water Management District, Florida Department of Environmental Protection, and United States Army Corps of Engineers to Joshua Niemann, Executive Director of Utility Special District and in his absence Richard Gallant as the Assistant Utility Director as the Authorized Signee; and Providing for an Effective Date.

WHEREAS, the City of Riviera Beach possesses certain duties and responsibilities to execute certain documents in an expedient manner to facilitate the operation and financing of the Utility District; and

WHEREAS, grant and applications for permitting for Utility District projects are required to be signed on behalf of the Utility District to the Palm Beach County Health Department; and,

WHEREAS, grant and applications for permitting for Utility District projects are required to be signed on behalf of the Utility District to the South Florida Water Management District; and,

WHEREAS, grant and applications for permitting for Utility District projects are required to be signed on behalf of the Utility District to the Florida Department of Environmental Protection; and,

WHEREAS, grant and applications for permitting for Utility District projects are required to be signed on behalf of the Utility District to the United States Army Corps of Engineers, and,

Now, therefore, be it resolved by the Board of Directors of the Riviera Beach Utility Special District, as follows:

Section 1. That the City of Riviera Beach Utility Special District Board delegates signing authority to Joshua Neimann, Executive Director, for the Utility Special District and Richard Gallant, Assistant Utility Director, in the absence of the Director for the Palm Beach County Health Department.

Section 2. That the City of Riviera Beach Utility Special District Board delegates signing authority to Joshua Neimann, Executive Director, for the Utility Special District and Richard Gallant, Assistant Utility Director, in the absence of the Director for the South Florida Water Management District,

Section 3: That the City of Riviera Beach Utility Special District Board delegates signing authority to Joshua Neimann, Executive Director, for the Utility Special District and Richard Gallant, Assistant Utility Director, in the absence of the Director for the Florida Department of Environmental Protection.

Section 4: That the City of Riviera Beach Utility Special District Board delegates signing authority to Joshua Neimann, Executive Director, for the Utility Special District and Richard Gallant, Assistant Utility Director, in the absence of the Director for the United States Army Corps of Engineers

Section 5: That the Resolution take effect upon passage and approval by the Utility Special District Board.

Passed and Approved this _____ day of July 2026

APPROVED:

_____
Glen Spiritis PhD
Chairperson

_____
Fercella Davis-Panier
Vice-Chairperson

ATTEST:

_____
Debrah Hall
Master Municipal Clerk
District Clerk

MOTIONED BY: _____

SECONDED BY: _____

B. GUYTON: ____

K. MILLER-ANDERSON: ____

S. LANIER: ____

G. SPIRITIS: ____

F. DAVIS-PANIER: ____

Reviewed as to Legal Sufficiency

_____
Dawn S. Wynn, District Attorney

Date:

_____

July 14, 2026

Mrs. Alexis Lambert
Office of the Secretary
Florida Department of Environmental Protection
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

RE: City of Riviera Beach Utility Special District Authorized Signee

Dear Mrs. Lambert:

This letter serves as written notice that Mr. Joshua Neimann, in the capacity of Executive Director of the City of Riviera Beach Utility Special District, and Mr. Richard Gallant in the capacity of Assistant Director of the City of Riviera Beach Utility Special District are authorized signees for respective documents pertaining to the District and its service area.

In the meanwhile, should you have any further questions concerning this matter, please do not hesitate to contact William Wilkins, Interim City Manager at (561) 812-6592.

Sincerely,

Glen Spiritis PhD, Chairperson
City of Riviera Beach Utility Special District

CC: Mr. William Wilkins, City Manager
Mr. Joshua Neimann, Executive Director
Mr. Richard Gallant, Assistant Utility Director

July 14, 2026

Mr. Rafael Reyes
Florida Department of Health, Palm Beach County
Division of Environmental Public Health
800 Clematis Street – 4th Floor
West Palm Beach, FL 33401

RE: City of Riviera Beach Utility Special District Authorized Signee

Dear Mr. Reyes:

This letter serves as written notice that Mr. Joshua Neimann, in the capacity of Executive Director of the City of Riviera Beach Utility Special District, and Mr. Richard Gallant in the capacity of Assistant Director of the City of Riviera Beach Utility Special District are authorized signees for respective documents pertaining to the District and its service area.

In the meanwhile, should you have any further questions concerning this matter, please do not hesitate to contact William Wilkins, Interim City Manager at (561) 812-6592.

Sincerely,

Glen Spiritis PhD, Chairperson
City of Riviera Beach Utility Special District

CC: Mr. William Wilkins, City Manager
Mr. Joshua Neimann, Executive Director
Mr. Henry (Jay) Hardman, P.E. – Palm Beach County Health Department
Ms. Pamela Lape – Palm Beach County Health Department

July 14, 2026

Mr. Drew Bartlett
Executive Director
South Florida Water Management District
3301 Gun Club Rd
West Palm Beach, FL 33406

RE: City of Riviera Beach Utility Special District Authorized Signee

Dear Mr. Bartlett:

This letter serves as written notice that Mr. Joshua Neimann, in the capacity of Executive Director of the City of Riviera Beach Utility Special District, and Mr. Richard Gallant in the capacity of Assistant Director of the City of Riviera Beach Utility Special District are authorized signees for respective documents pertaining to the District and its service area.

In the meanwhile, should you have any further questions concerning this matter, please do not hesitate to contact William Wilkins, Interim City Manager at (561) 812-6592.

Sincerely,

Glen Spiritis PhD, Chairperson
City of Riviera Beach Utility Special District

CC: Mr. William Wilkins, City Manager
Mr. Joshua Neimann, Executive Director

July 14, 2026

Lieutenant General William Graham
56th Chief of Engineers and Commanding General
United States Army Corps of Engineers
41 G Street NW
Washington, DC 20001

RE: City of Riviera Beach Utility Special District Authorized Signee

Dear Lt. General Graham:

This letter serves as written notice that Mr. Joshua Neimann, in the capacity of Executive Director of the City of Riviera Beach Utility Special District, and Mr. Richard Gallant in the capacity of Assistant Director of the City of Riviera Beach Utility Special District are authorized signees for respective documents pertaining to the District and its service area.

In the meanwhile, should you have any further questions concerning this matter, please do not hesitate to contact William Wilkins, Interim City Manager at (561) 812-6592.

Sincerely,

Glen Spiritis PhD, Chairperson
City of Riviera Beach Utility Special District

CC: Mr. William Wilkins, City Manager
Mr. Joshua Neimann, Executive Director
Mr. Richard Gallant, Assistant Utility Director

Riviera Beach - Utility Special District

To: Honorable Mayor, Chairperson and Utility Special District Board

From: Joshua Niemann, Utility Special District Executive Director

Through: William Wilkins- Interim City Manager

Subject: **Resolution Number 32-26UD: A Resolution of the Board of Directors of the City of Riviera Beach Utility Special District, Palm Beach County, Florida, approving and authorizing the City Manager to issue a purchase order for the purchase of water meters from Water Works Metrology, LLC in an amount not to exceed $47,714.69 from Project Code 23038, Water Meter Infrastructure Upgrades; and authorizing the Utility Special District Finance Director to make payments from Project Code 23038 in an amount not to exceed $47,714.69; and providing an effective date.**

Date: July 14, 2026

CC: General Public

Background:

The ongoing efforts to upgrade the distribution water meter system with Automatic Metering Infrastructure (AMI) represent a transformative step toward modernizing water utility operations. AMI technology replaces traditional manual or drive-by meter reading with advanced, wireless communication-enabled meters that provide real-time or near real-time water usage data to the utility and customers. This upgrade improves accuracy in water measurement, enhances operational efficiency, and supports proactive leak detection and water loss prevention. Key benefits of the AMI upgrade include: Enhanced accuracy and reliability, which reduce billing errors and human reading mistakes. Real-time monitoring and alerts that enable quick response to leaks or unusual consumption patterns. Improved customer engagement by providing users with near-instant access to their water usage data via online portals or apps, encouraging conservation. Operational cost savings through reduced labor for meter reading and fewer costly water losses. Support for better water resource management

and conservation through detailed consumption analytics. Increased system security and the ability to detect tampering or backflow incidents. These efforts signify a shift toward more intelligent, responsive water distribution systems that benefit both the utility and its customers, delivering improved service, conservation, and sustainability outcomes.

City Goals:

The City-wide Goal is to Accelerate Operational Excellence.

Fiscal/Budget Impact:

$47,714.69

Recommendation:

Staff recommends a Motion to approve Resolution Number 32-26UD.

Attachments:

1. Resolution Number 32-26UD.docx
2. Riviera Beach Quote.pdf
3. RESOLUTIONS 007-18UD THRU 009-18UD.pdf
4. Mueller Master Agreement.pdf

Resolution Number 32-26UD

A Resolution of the Board of Directors of the City of Riviera Beach Utility Special District, Palm Beach County, Florida, approving the purchase of Distribution Water Meters from Water Works Metrology, LLC in an amount not to exceed $47,714.69 from Project Code 23038, water meter infrastructure upgrades; and authorizing the Utility Special District Finance Director to make payments from Project Code 23038 in an amount not to exceed $47,714.69; and providing an effective date.

Whereas, the Utility Special District (District) requests the use of Resolution 008-18UD in accordance with the City of Riviera Beach Procurement Code were advertised to retain Water Works Metrology, LLC; and

Whereas, the District requires replacement water distribution meters as part of its ongoing initiative to transition all meters to an Automated Metering Infrastructure (AMI).; and

Whereas, the District needs to purchase a total of $47,714.69 worth of meters for the distribution system, in line with the AMI intuitive; and

Whereas, the Board authorizes the Utility Special District Finance Director to make payments in an amount not to exceed $47,714.69 to Water Works Metrology, LLC from project code 23038; and

Whereas, this Resolution shall take effect upon approval of the Utility Special District Board.

Now, Therefore, be it resolved by the City of Riviera Beach Utility Special District, Palm Beach County, Florida, as follows:

Section 1. That the Utility Special District Board authorizes the Utility Special District Finance Director to make payments to Water Works Metrology, LLC from project code 23038, in an amount not to exceed $47,714.69.

Section 2. This Resolution shall take effect immediately upon its passage and approval by the City of Riviera Beach Utility Special District Board of Directors.

Passed and Adopted this _____ day of _____, 2026.

APPROVED:

_____
Glen Spiritis, Ph.D
Chairperson

_____
Fercella Davis-Panier
Vice-Chairperson

ATTEST:

_____
Debrah Hall
Master Municipal Clerk
Acting District Clerk

MOTIONED BY: _____

SECONDED BY: _____

B. GUYTON: ____

K. MILLER-ANDERSON: ____

S. LANIER: ____

G. SPIRITIS: ____

F. DAVIS-PANIER: ____

Reviewed as to Legal Sufficiency

_____
Dawn S. Wynn, District Attorney

Date: _____

WATER WORKS METROLOGY, LLC

Prepared for: Riviera Beach
Re: Order

Attn: Nick Lane

Quote #: BRA05121732

Tuesday, May 12, 2026

This quote represents our interpretation of the plans & specifications and is offered as an aid to bidding only. Customers should verify all materials & quantities before bidding or ordering.

Special order material & other non-stock items may be non-returnable or subject to cancellation charge. They must be shipped to the customer within 30 days of receipt by our company.

Prices are effective if:
Ordered by: 06/11/2026
Shipped by: 07/11/2026

All material is subject to price change to reflect any price increases from our manufacturers, especially due to force majeure.

Our company is not responsible for delivery delays, cancellations or price increases resulting from any cause beyond our control. These include, but are not limited to: manufacturers' shortages, availability, or timeliness of transportation, materials, fuels or supplies.

This quote is not a contract to supply material or guarantee of product availability.

Print Name _____ Date _____

Signature _____

WATER WORKS
METROLOGY, LLC

Quotation

1425 Rock Quarry Rd, Ste 106
Raleigh, NC 27610
(919) 301-8466
bhenson@waterwatermetrology.com

Date: 5/12/2026
Order by: 6/11/2026
Ship by: 7/11/2026
Prepared by: Brandon Henson

Prepared for:
Riviera Beach
ATTN: Nick Lane
RE: Order

Quote #: BRA05121732

Quantity	Description	Unit	Unit Price	Ext Price
1	3"HBMAG,FM,SG,COM,4DBAT,25'NIC	ea	$ 4,231.71	$ 4,231.71
1	4"HBMAG,FM,SG,COM,4DBAT,25'NIC	ea	$ 4,840.29	$ 4,840.29
1	6"HBMAG,FM,SG,COM,4DBAT,25'NIC	ea	$ 8,069.14	$ 8,069.14
1	8"HBMAG,FM,SG,COM,4DBAT,25'NIC	ea	$ 11,680.29	$ 11,680.29
1	10"HBMAG,FM,SG,COM,4DBAT,25'NIC	ea	$ 13,818.86	$ 13,818.86
2	3" HBMAG GROUNDING RING	ea	$ 34.54	$ 69.08
2	4" HBMAG GROUNDING RING	ea	$ 45.77	$ 91.54
2	6" HBMAG GROUNDING RING	ea	$ 51.26	$ 102.52
2	8" HBMAG GROUNDING RING	ea	$ 62.49	$ 124.98
2	10" HBMAG GROUNDING RING	ea	$ 79.29	$ 158.58
1	HBMAG EXTERNAL 4D BATTERY PACK	ea	$ 675.00	$ 675.00
1	5/8 420 SG ME8 18"NIC 5.806	ea	$ 107.57	$ 107.57
1	1" 452 SG ME8 18"NIC	ea	$ 107.57	$ 107.57
1	1.5" 562 SG ME8 18"NIC 6.400	ea	$ 107.57	$ 107.57
1	2" 572 SG ME8 18"NIC 3.746	ea	$ 107.57	$ 107.57

WATER WORKS
METROLOGY, LLC

Quotation

1425 Rock Quarry Rd, Ste 106
Raleigh, NC 27610
(919) 301-8466
bhenson@waterwatermetrology.com

Date: 5/12/2026
Order by: 6/11/2026
Ship by: 7/11/2026
Prepared by: Brandon Henson

Prepared for:
Riviera Beach
ATTN: Nick Lane
RE: Order

Quote #: BRA05121732

Quantity	Description	Unit	Unit Price	Ext Price
1	MINODE 6 W/5'NICOR	ea	$ 180.86	$ 180.86
1	MINET THRU THE LID HANGER ASSY	ea	$ 11.14	$ 11.14
1	LOCKING PIN BLUE	ea	$ 1.09	$ 1.09
1	5/8X3/4,420,SI,BB,NO REGISTER	ea	$ 133.71	$ 133.71
1	5/8X3/4,420,SI,PB,NO REGISTER	ea	$ 128.79	$ 128.79
1	5/8X3/4,420B,BB,ME8,SG,18"NIC	ea	$ 228.26	$ 228.26
1	5/8X3/4	ea	$ 252.86	$ 252.86
	420,SI,BB,ME8,SG,18"NIC,RECLAIM			
1	5/8X3/4,PB,SG,ME8,5'NODE6,REMOTE	ea	$ 795.00	$ 795.00
	DISCONNECT			
1	1"452B,IB,SG,ME8,18"NIC	ea	$ 411.43	$ 411.43
1	562DI,1-1/2",2B,ME8,SG,18"NIC	ea	$ 602.14	$ 602.14
1	572DI,2",2B,ME8,SG,18"NIC	ea	$ 677.14	$ 677.14
	Total:			**$ 47,714.69**

RESOLUTION NO. 008-18UD

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA ACCEPTING THE RECOMMENDATION OF STAFF AUTHORIZING THE UTILITY DISTRICT BOARD CHAIRPERSON AND DISTRICT CLERK TO EXECUTE FOUR CONTRACTS WITH FERGUSON ENTERPRISES, INC. FOR THE PURCHASE AND REPLACEMENT OF APPROXIMATELY 13,500 METERS, THE SOFTWARE TO RUN THE METERS AND PURCHASE OF ADDITIONAL MATERIALS AS NEEDED; TOTAL ESTIMATED $5,890,709.20; AND AUTHORIZING THE UTILITY DISTRICT FINANCE DIRECTOR TO MAKE SUBSEQUENT PAYMENTS AFTER WORK AUTHORIZATIONS HAVE BEEN ISSUED FROM LINE ITEM NO. 412-1430-533-0-6401; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, On June 10, 2016, in accordance with the City of Riviera Beach Procurement Code, Request for Proposal No. 758-16 were advertised to retain Advanced Metering Infrastructure; and

WHEREAS, Ferguson was the highest ranked responsive and responsible bidder out of (6) bidders and the selection committee made a recommendation to select Ferguson Enterprises, Inc.; and

WHEREAS, The City intends to replace or retrofit its existing water meter population and to install a radio-based automatic meter reading system. The purposes of this project are threefold: (1) to recover lost revenue by replacing old under-registering defected meters; (2) to reduce manual meter reading, billing and customer service operating expenses, and (3) to improve the quality of customer service, through the installation of an automated meter reading system; and

WHEREAS, The Materials Contract, UD-758-16-1, the District agrees to compensate the CONTRACTOR, for materials per unit cost for the quantity provided, in the estimated amount of Four Million One Hundred Thousand Nine Hundred Sixty Nine dollars ($4,100,969.00), for the total estimated quantity specified. This contract shall be fully completed within 270 days; and

WHEREAS, The Installation Contract, UD-758-16-2, the Contractor will furnish the labor necessary to install all metering endpoints, Network Hardware Installation, Installation Project Management, and Additional Installation Services as Requested; the total and cumulative amount of this Contract shall not exceed the amount of One Million Two Hundred Fifty Seven Thousand Four Hundred Fifty One Dollars ($1,257,451.00), this contract shall be fully completed within 270 days; and

WHEREAS, The Software Contract, UD-758-16-3, the District agrees to purchase a fully-functional Advanced Metering Infrastructure (AMI) system and Host Server Software from the Contractor to be installed by the Contractor. The Contractor's responsibility under this Contract is to furnish all Host Server Software, for completing specific tasks; The District

agrees to compensate the Contractor in the amount of Seventy Seven Thousand Two Hundred Two Dollars Twenty Cents ($77,202.20), for total quantity and cost of items. This contract shall be fully completed within 270 days; and

WHEREAS, The Indefinite Quantity Water Meter Contract, UD-758-16-4, the District agrees to compensate the Contractor, per unit cost for the quantity provided, in the annual estimated amount of four hundred fifty five thousand eighty seven dollars ($455,087.00), for the total estimated quantity specified for a period of three years, with an option to extend two additional one year periods.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, AS FOLLOWS:

SECTION 1. That the District Board approves the four contracts with Ferguson Enterprises, Inc. to provide Advance Metering Infrastructure as identified in the City's RFP No. 758-16.

SECTION 2. That the District Board authorizes the District Finance Director to make payments to the Ferguson Enterprise, Inc. in an amount not to exceed $4,100,969.00 for Contract UD-758-16-1 for AMI Materials, out of account number 412-1430-533-0-6401.

SECTION 3. That the District Board authorizes the District Finance Director to make payments to the Ferguson Enterprise, Inc. in an amount not to exceed $1,257,451.00 for Contract UD-758-16-2 for AMI Installation estimate, out of account number 412-1430-533-0-6401.

SECTION 4. That the District Board authorizes the District Finance Director to make payments to the Ferguson Enterprise, Inc. in an amount not to exceed $77,202.20 for Contract UD-758-16-3 for AMI Host Server Software, out of account number 412-1430-533-0-6401.

SECTION 5. That the District Board authorizes the District Finance Director to make payments to the Ferguson Enterprise, Inc. in an amount not to exceed $455,087.00 annually for Indefinite Quantity Contract UD-758-16-4 for AMI Meters, out of account number 412-1430-533-0-6401.

SECTION 6. This Resolution shall take effect upon passage and approval by the Utility Special District Board.

PASSED AND APPROVED this 26th day of March, 2018.

APPROVED:

_____

CHAIRPERSON

ATTEST:

_____
CLAUDENE L. ANTHONY
CERTIFIED MUNICIPAL CLERK
DISTRICT CLERK

_____
CHAIR PRO TEM

_____
BOARD MEMBER

_____
BOARD MEMBER

_____
BOARD MEMBER

MOTIONED BY: _____

SECONDED BY: _____

_____

_____

_____

_____

_____

REVIEWED AS TO LEGAL SUFFICIENCY

_____
ANDREW DEGRAFFENREIDT, III
BOARD ATTORNEY

DATE: _____

MUELLER SYSTEMS
MASTER AGREEMENT

THIS MASTER AGREEMENT (this "**Agreement**") is entered into this fourteenth (14) day of January 2019 between MUELLER SYSTEMS, LLC, a Delaware limited liability corporation having its principal offices at 10210 Statesville Blvd, Cleveland, North Carolina 27013 (referred to in this Agreement as "**Mueller Systems**" or "**Provider**"), and City of Riviera Beach Utility Special District, a special district created by the municipality organized under the laws of the State of Florida (referred to in this Agreement as "**Customer**"). This Agreement governs the sale by Provider and the purchase by Customer for its own use and not for resale of, as applicable, Equipment, Software, Documentation and other items related to advanced metrology infrastructure systems. In the event of any conflict or inconsistency between the terms and conditions of this Agreement and terms and conditions of any other agreement or document, the terms and conditions of this Agreement shall govern and control and the conflicting or inconsistent terms and conditions are hereby rejected. In consideration of the mutual obligations set forth in this Agreement, Customer and Mueller Systems agree as follows:

1. **DEFINITIONS.**

a. "**Content**" means the information developed or legally acquired by Customer which may be used in connection with or accessed by any module of the Software.

b. "**Documentation**" means the user guides, reference manuals, and installation materials provided by Provider to Customer related to the Software and Equipment.

c. "**Equipment**" means the components, devices, products, equipment and related items provided by Provider identified in Appendix A.

d. "**Services**" means activities related to deployment and installation services, repair services, hosting services and technical support/maintenance services as provided by Mueller Systems and as identified in Appendix B.

e. "**Software**" means the object code versions of Mueller Systems' software identified in Appendix A, together with all subsequent authorized updates, replacements, modifications or enhancements.

2. **SOFTWARE**

a. Software on Equipment License. For Equipment purchased by Customer from Mueller Systems, Mueller Systems hereby grants Customer a limited, non-exclusive, non-sublicensable, non-transferable, perpetual, irrevocable license to use and execute the Software embedded in the Equipment for its internal business purposes in connection with such Equipment ("Firmware").

b. Online Software Access. Subject to the terms of this Agreement and the payment of the fees specified in Section 6a herein, Mueller Systems grants to Customer, for its internal business purposes and during the term of this agreement, a limited, non-exclusive, non-sublicensable, non-transferable right to access and use and make available to Customer's utility users, as applicable, and/or employees the online, hosted Software specified herein.

c. Restrictions. Except as specifically and expressly permitted in writing by Mueller Systems, Customer shall not (i) violate any restriction set forth in this Agreement; (ii) modify, translate, de-compile, reverse compile, disassemble, or create or attempt to create, by reverse engineering or otherwise, the source code from the object code of the Software; (iii) adapt the Software in any way for use to create a derivative work; (iv) include or combine the Software in or with any other software; or (v) use the Software to provide processing services to third parties or on a service bureau basis. Except as expressly permitted in this Agreement, Customer may not copy the Software other than to make one machine readable copy for disaster recovery or archival purposes. Customer may only make copies of Documentation as reasonably necessary for the use contemplated herein and with proper inclusion of Mueller Systems' copyright notices.

d. Ownership. This Agreement does not grant to Customer any ownership interest in the Software or Documentation. Customer has a license to use the Software and Documentation as provided in this Agreement. Customer hereby agrees and acknowledges that Mueller Systems owns all right, title, and interest in the Software

and Documentation, and Customer will not contest those rights or engage in any conduct contrary to those rights. Any copy, modification, revision, enhancement, adaptation, translation, or derivative work of or created from the Software and Documentation made by or at the direction of Customer shall be owned solely and exclusively by Mueller Systems, as shall all patent rights, copyrights, trade secret rights, trademark rights and all other proprietary rights, worldwide.

e. Reservation. Mueller Systems reserves all rights not specifically granted under this Agreement.

3. **EQUIPMENT** In consideration of the fees set forth in Appendix D of this Agreement, Mueller Systems will provide the Equipment identified in Appendix A.

4. **SERVICES** In consideration of the fees set forth in Appendix D of this Agreement, Mueller Systems will provide the Services identified in Appendix B.

5. **CONFIDENTIALITY** The Software, Equipment and Documentation, including any ideas, concepts, know-how and technology contained therein, shall be considered the proprietary and confidential information of Mueller Systems and, as such, shall be subject to the confidentiality provisions of this Agreement. If a separate, written non-disclosure agreement exists between Mueller Systems and Customer, such agreement will control and will apply according to its terms and conditions to all confidential information the parties exchange with each other. If no separate, written non-disclosure agreement exists between Mueller Systems and Customer, the terms listed in Appendix C will apply to the confidential information the parties exchange with each other.

6. **FEES AND PAYMENT**

a. Software Fees. Customer shall pay the Software fees set forth in Appendix D of this Agreement.

b. Equipment Fees. Customer shall pay the Equipment fees set forth in Appendix D of this Agreement. Title to the Equipment, except the Software and Documentation that are subject to licenses provided in this Agreement, passes from Mueller Systems to Customer when Mueller Systems ships the Equipment.

c. Service Fees. Customer shall pay the Service fees set forth in Appendix D of this Agreement.

d. Taxes. All prices and fees are in U.S. dollars unless otherwise specified. All amounts payable under this Agreement are exclusive of all sales, use, value-added, excise, property, withholding, and other taxes and duties. Customer will pay all taxes and duties assessed by any authority in connection with this Agreement and with Customer's performance hereunder. Customer will promptly reimburse Mueller Systems for any and all taxes or duties that Mueller Systems may be required to pay in connection with this Agreement or its performance. This provision does not apply to taxes based on Mueller Systems' income, or any taxes for which Customer is exempt, provided Customer has furnished Mueller Systems with a valid tax exemption certificate.

e. Payment. Unless provided otherwise herein, Customer agrees to pay all amounts specified in Appendix D or otherwise due under this Agreement within thirty (30) days after the date of invoice. Past due amounts will shall bear interest from the due date until paid at a rate of (i) one and one-half percent (1.5%) per month or (ii) the maximum rate permitted by law, whichever is less. All payments made under this Agreement shall be nonrefundable, except as specifically provided otherwise in this Agreement.

7. **TERM; TERMINATION**

a. Term. The term of this Agreement is one (1) year commencing upon the date of this Agreement. This Agreement will automatically renew for subsequent, successive one (1) year periods at the then-current Mueller Systems prices unless either party gives the other party written notice of its intent to not renew at least thirty (30) days prior to the expiration of the then current term. Mueller Systems may increase support fees at any time on thirty (30) days prior notice to Customer. Within such thirty (30) days, Customer may terminate the Agreement by providing written notice to Mueller Systems.

b. Termination for Breach. If either party breaches this Agreement, and such breach is not cured within ten (10) days of the breach, after receiving written notice, the non-breaching party

may terminate this Agreement, including all licenses provided herein, effective upon written notice to the other party. The breaching party agrees that if it breaches this Agreement, the non-breaching party will be entitled to injunctive or similar equitable relief and that the breaching party will not argue in any proceeding that its breach will not cause irreparable harm to the non-breaching party or that the non-breaching party can be adequately compensated for any such harm by any remedies other than by injunctive relief.

c. Effect of Termination. Termination of this Agreement shall have the effect designated in Appendix B.

d. Non-Exclusive Remedy. Termination of this Agreement or any license granted hereunder shall not limit the remedies otherwise available to either party, including injunctive relief.

e. Survival. Unless otherwise stated herein, any provision that, by its nature or terms, is intended to survive the expiration or termination of this Agreement, will survive.

8. LIMITED WARRANTIES; REMEDIES

a. Software. Subject to the exclusions herein, including those in Appendix A, Mueller Systems warrants that commencing from the date of shipment or provision to Customer and continuing for the period set forth in Appendix A (the "**Warranty Period**"), (i) the media on which the Software is furnished will be free of defects in materials and workmanship under normal use; and (ii) the Software will perform substantially in conformance with the applicable Documentation provided to Customer by Mueller Systems. Mueller Systems does not warrant that the Software will operate in combinations with other software, except as specified in the Documentation, that the Software will meet the Customer's requirements or that the operation of the Software will be uninterrupted or error-free. Customer assumes responsibility for taking adequate precautions against damages which could be caused by defects, interruptions or malfunctions in the Software or the hardware on which it is installed. Mueller Systems' entire obligation and Customer's exclusive remedy with respect to the Software warranties set forth above shall be, at Mueller Systems' option, to either (x) repair or replace any Software containing an error or condition which is reported by Customer in writing to Mueller Systems which causes the Software not to conform with the warranty set forth herein; or (y) refund a pro-rated amount paid by Customer to Mueller Systems and terminate this Agreement and all licenses provided herein.

b. Services. Mueller Systems warrants that all services provided by it to Customer under this Agreement shall be performed in a workmanlike manner. Mueller Systems' entire obligation and Customer's exclusive remedy with respect to the Service warranties set forth above shall be the re-performance of the applicable non-conforming Service.

c. Equipment. Subject to the exclusions herein, including those in Appendix A, Mueller Systems warrants to Customer that the Equipment will comply with provided specifications for the periods specified in Appendix A. Claims under this Section will be considered if submitted to Mueller Systems within sixty (60) days following the discovery of any noncompliant Equipment covered by this Agreement and provided Mueller Systems or its agents are permitted a commercially reasonable opportunity to examine and analyze the Equipment claimed to be noncompliant. Mueller Systems' entire obligation and Customer's exclusive remedy with respect to the Equipment warranties set forth herein, at Mueller Systems' option, is repair or replacement of any Equipment found noncompliant, subject to the terms and conditions herein, during the applicable warranty period after such Equipment is properly packaged and returned prepaid to Mueller Systems' designated service center.

d. Costs. Any and all costs associated with uninstalling and shipping noncompliant Equipment and Software and installing replacement Equipment and Software will be the responsibility of Customer.

e. Exclusions. The warranties provided by Mueller Systems shall not apply to Equipment and/or Software which: (i) have been altered, except with the express written consent, permission or instruction of Mueller Systems, (ii) have been used in conjunction with another product resulting in the defect, except for those third party products specifically approved by Mueller Systems, (iii) were other than the most current version of the Software (but only to the extent that any failure of the Software would have been avoided by the use of the most current version), (iv) have been damaged by improper

environment, abuse, misuse, accident, negligence, act of God, excessive operating conditions, or unauthorized attachments or modifications, (v) have not been properly installed and operated in accordance with the Documentation, or as otherwise instructed by Mueller Systems, or (vi) any other exclusion set forth in any Appendix hereto.

f. DISCLAIMERS. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE WARRANTIES AND REMEDIES STATED ABOVE ARE EXCLUSIVE AND NO OTHER WARRANTIES OR REMEDIES EXPRESS, IMPLIED OR STATUTORY, APPLY TO THE DOCUMENTATION, THE SOFTWARE, THE EQUIPMENT OR ANY SERVICES TO BE PROVIDED BY MUELLER SYSTEMS UNDER THIS AGREEMENT, INCLUDING BUT NOT LIMITED TO WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUALITY OR PERFORMANCE, AND ANY IMPLIED WARRANTY ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING OR USAGE OF TRADE, ALL OF WHICH MUELLER SYSTEMS EXPRESSLY DISCLAIMS.

9. **INDEMNIFICATION.** Mueller Systems will indemnify and defend Customer from any third party claim that the Software and Equipment infringe on another person's or company's patent, copyright or other intellectual property right as specified in this Section. This indemnity does not cover and specifically excludes (a) intellectual property rights recognized in countries and jurisdictions other than the United States, and (b) claims relating to infringement of intellectual property rights by a third party's products and software. Mueller Systems has no obligation under this Section for any claim to the extent it results from or arises out of Customer's modification of the Equipment or Software or from any combination, operation or use of the Software or Equipment with other third party products or services. Mueller Systems' duty to indemnify under this Section is contingent upon Mueller Systems receiving prompt notice of a claim and Mueller Systems' right to solely control resolution of a claim. Customer's sole remedy for an indemnified claim under this Section is as follows: Mueller Systems will, at its expense and in its discretion either (a) resolve the claim in a way that permits Customer's continued ownership and use of the affected Software and Equipment, (b) provide a comparable, non-infringing replacement at no cost to Customer, or (c) accept return of the Software and Equipment, provide a reasonable depreciated refund and terminate this Agreement and all licenses herein. This Section is the exclusive statement of Mueller Systems' liability and responsibility for indemnifying Customer for infringement of intellectual property rights

10. **LIMITATION OF LIABILITY.**

a. MUELLER SYSTEMS' MAXIMUM LIABILITY HEREUNDER IS EXPRESSLY LIMITED TO THE TOTAL AMOUNT PAID FOR THE SOFTWARE, SERVICES, AND EQUIPMENT IN THE IMMEDIATELY PRECEDING TWELVE (12) MONTHS AND WILL UNDER NO CIRCUMSTANCE EXCEED THE AMOUNT PAID BY CUSTOMER IN THE IMMEDIATELY PRECEDING TWELVE (12) MONTHS FOR THE SOFTWARE, SERVICES AND EQUIPMENT PROVIDED BY MUELLER SYSTEMS UNDER THIS AGREEMENT. Some states do not allow the limitation and/or exclusion of liability for incidental or consequential damages, so the above limitation may not apply.

b. The provisions of this Agreement allocate the risks between Customer and Mueller Systems. Mueller Systems' pricing reflects this allocation of risk and the limitations of liability specified herein.

11. **NOTICE.** All notices required to be given hereunder shall be in writing. Notice shall be considered delivered and effective upon receipt when sent by registered or certified mail, return receipt requested, addressed to the parties as set forth above. Either party, upon written notice, may change any name or address to which future notice shall be sent.

12. **GENERAL.** The Software will not be exported or re-exported in violation of any export provisions of the United States or any other applicable jurisdiction. The rights and obligations of this Agreement are personal rights granted to the Customer only. The Customer may not transfer or assign any of the rights or obligations granted under this Agreement to any other person or legal entity. Any such purported transfer or assignment shall be null and void. Mueller Systems will be free of liability to the

Customer where Mueller Systems is prevented from executing its obligations under this Agreement in whole or in part due to force majeure, such as earthquake, typhoon, flood, fire, and war or any other unforeseen and uncontrollable. Any modification or amendment to any of the provisions of this Agreement will be in writing and signed by an authorized officer of each party. This Agreement does not create or imply any relationship in agency or partnership between the parties. Headings are inserted for the convenience of the parties only and are not to be considered when interpreting this Agreement. The validity of this Agreement and the rights, obligations, and relationship of the parties resulting from same will be interpreted and determined in accordance with the law of the State of Delaware, and applicable federal law, without regard to its choice of law provisions. The parties specifically exclude from application to the Agreement the United Nations Convention on Contracts for the International Sale of Goods and the Uniform Computer Information Transactions Act. If any provision of this Agreement is contrary to and in violation of any applicable law, such provision will be considered null and void to the extent that it is contrary to such law, but all other provisions will remain in effect. The waiver or failure of either party to exercise any right herein shall not be deemed a waiver of any further right hereunder. This Agreement constitutes the entire agreement between the parties with respect to the subject matter hereof and supersedes all other prior and contemporary agreements, understandings, and commitments between the parties regarding the subject matter of this Agreement.

[Signatures Appear on the Following Page]

EACH PARTY ACKNOWLEDGES THAT IT HAS READ THIS AGREEMENT, UNDERSTANDS IT, AND AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS.

Mueller Systems

By: Lowell Rust

Lowell S. Rust, VP Professional Services

Name (Print or Type)

Title

Customer

By: KaShaonda Miller-Anderson

KaShaonda Miller-Anderson

Name (Print or Type)

Chairperson

Title

Appendix A
Product Warranty Statement

1. **Limited Warranty**. Mueller Systems, LLC ("Mueller") warrants that, for the duration of the Warranty Period (defined below): (a) each product purchased from Mueller ("Product") will be free from defects in materials and workmanship under normal use, installation and service conditions; (b) the media on which any Software is furnished will be free of defects in materials and workmanship under normal use; and (c) any such Software will substantially conform to the applicable published Mueller functional specifications for such Software. Products will have a warranty period of the greater of (i) one (1) year from date of shipment or (ii) the applicable warranty period for a specific Product stated below in Section 6 ("Warranty Period").

2. **Exclusive Remedy**. Mueller will, at its option, either repair or replace a Product that is in breach of the foregoing warranty during the Warranty Period if Purchaser reports the breach to Mueller within sixty (60) days after Purchaser discovers the breach. At Mueller's request, Purchaser will ship the allegedly defective Product to a repair facility designated by Mueller at Purchaser's expense and risk. If Mueller, in its sole discretion, determines that the Product breached the applicable warranty, Mueller will ship the repaired or replaced Product to Purchaser at Mueller's expense and risk. If Mueller determines that it is unable to repair or replace such Product, it will, at Mueller's sole discretion provide a cash or credit refund to Purchaser. If Mueller repairs or replaces any such defective Product, the Warranty Period for the repaired or replaced Product will continue for the longer of (y) thirty (30) days, or (z) the remainder of the original Warranty Period. Mueller's warranty is subject to exclusions, as set forth in Section 3. This Section 2 sets forth Mueller's entire liability, and the Purchaser's exclusive remedy, for any alleged breach of warranty for any Products.

3. **Exclusions**. Mueller has no obligation under this Product Warranty Statement if (a) a Product has been subject to misuse, neglect or accident or has been damaged through abuse, alternation, installation or application inconsistent with AWWA guidelines or Mueller specifications, including but not limited to Mueller propagation studies, failure to follow Mueller's operation or maintenance instructions or negligence in transportation, handling, or storage, or repaired by anyone other than Mueller or its authorized personnel, (b) with respect to software, there has been a change to the software's operating environment not made or authorized by Mueller or if Purchaser fails to install any correction or enhancement provided by Mueller, or if a virus is introduced through no fault of Mueller, or (c) if any Product fails to satisfy the applicable warranty as a result of any force majeure event. Mueller's Product Return process can be found at www.muellersystemsreturns.com .

4. **Important Disclaimer**. EXCEPT AS EXPRESSLY SET FORTH HEREIN, MUELLER DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT AND WARRANTIES ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE. TO THE EXTENT ANY IMPLIED WARRANTY CANNOT BE EXCLUDED, SUCH WARRANTY IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD.

5. **Limitation on Liability**. Mueller has no liability with respect to damage or destruction of property or the personal injury or death of persons resulting from defects in Products or from improper installation, use, maintenance or operation of any Products. In all cases, Mueller's liability shall not exceed the total amount paid by Purchaser to Mueller under this Order.

6. **Product Warranties**. The following provisions in this Section 6 modify the limited warranty in Section 1 with respect to the specific Products identified below:

ATTACHMENT A

Automated Meter Reading (AMR) / Advanced Metering Infrastructure (AMI) Products		
Product	**Description**	**Warranty Period**
AMR / AMI Software	These items of Software will perform in accordance with Mueller's published specifications for the duration of the Warranty Period.	One (1) year from date of shipment to Purchaser.
AMR / AMI Hardware – unless otherwise expressly specified herein	During the Warranty Period, these Products will be free from defects in materials and workmanship.	One (1) year from date of shipment to Purchaser.
AMR / AMI Radio Modules – AMI water module endpoints and AMR water module endpoints	During the Warranty Period, these Products will be free from defects in materials and workmanship.	Ten (10) years from date of shipment to Purchaser. Additionally, the unit is covered by a prorated warranty for years eleven (11) through fifteen (15) at a fifty-percent (50%) discount, and years sixteen (16) through twenty (20) at a twenty-five-percent (25%) discount from the date of shipment to Purchaser. All discounts will be calculated on the then current published price of the original product. All prorated warranty discounts are to be used towards the purchase of replacement units.
Encoder Register Products, Wall Pads and Pit Pads.	During the Warranty Period, these Products will be free from defects in materials and workmanship.	Ten (10) years from date of shipment to Purchaser. Additionally, the unit is covered by a prorated warranty for years eleven (11) through fifteen (15) at a fifty-percent (50%) discount, and years sixteen (16) through twenty (20) at a twenty-five-percent (25%) discount from the date of shipment to Purchaser. All discounts will be calculated on the then current published price of the original product. All prorated warranty discounts are to be used towards the purchase of replacement units.
Water Metering Products		
Product	**Description**	**Warranty Period**
All Meter Products not otherwise specified herein	During the Warranty Period, these Products will be free from defects in materials and workmanship.	One (1) year from date of shipment to Purchaser.
Remote Disconnect Meters (RDM) valve and solenoid assembly	During the Warranty Period, these Products will be free from defects in materials and workmanship.	Five (5) year warranty or two-thousand (2,000) actuations of the valve, whichever comes first, from the date of shipment to Purchaser.
Maincases for the above listed mechanical meters	During the Warranty Period, these Products will be free from defects in materials and workmanship.	Fifteen (15) years from date of shipment to Purchaser.
Standard registers for the above listed mechanical meters	During the Warranty Period, these Products will be free from defects in materials and workmanship.	Ten (10) years from date of shipment to Purchaser.

<table>
<tr><td rowspan="2">Models 400 and 500 Series Meters</td><td>AWWA[1] New Meter Accuracy</td><td>5/8" – Five (5) years from the date of shipment to Purchaser or the registration of 500,000 U.S. gallons, whichever comes first;
3/4" – Five (5) years from the date of shipment to Purchaser or the registration of 750,000 U.S. gallons, whichever comes first;
1" – Five (5) years from the date of shipment to Purchaser or the registration of 1,000,000 U.S. gallons, whichever comes first;
1-1/2" – Two (2) years from the date of shipment to Purchaser or the registration of 1,600,000 U.S. gallons, whichever comes first;
2" – Two (2) years from the date of shipment to Purchaser or the registration of 2,700,000 U.S. gallons, whichever comes first.</td></tr>
<tr><td>AWWA Repaired Meter Accuracy (AWWA M6 Manual)</td><td>5/8" – Fifteen (15) years from the date of shipment to Purchaser or the registration of 1,500,000 U.S. gallons, whichever comes first;
3/4" – Fifteen (15) years from the date of shipment to Purchaser or the registration of 2,250,000 U.S. gallons, whichever comes first;
1" – Fifteen (15) years from the date of shipment to Purchaser or the registration of 3,000,000 U.S. gallons, whichever comes first;
1-1/2" – Ten (10) years from the date of shipment to Purchaser or the registration of 5,000,000 U.S. gallons, whichever comes first;
2" – Ten (10) years from the date of shipment to Purchaser or the registration of 8,000,000 U.S. gallons, whichever comes first.</td></tr>
<tr><td>Model HbMAG electromagnetic cold water meters</td><td>During the Warranty Period, these Products will be free from defects in materials and workmanship.</td><td>Two (2) years from date of shipment to Purchaser.</td></tr>
<tr><td>Solid State Meters</td><td colspan="2">During the Warranty Period (ten (10) years from date of shipment to Purchaser) these Products will meet or exceed accuracy of +/- 1.5% between the specified minimum flow rate to the specified maximum for the following sizes:
5/8" Meter — 0.1 gpm to 20 gpm
5/8" x ¾", ¾" Short, and ¾" Long Meter — 0.1 to 30 gpm
1" Meter — 0.4 to 55 gpm
1 ½" Meter — 0.25 to 100 gpm
2" Meter — 1.5 to 160 gpm</td></tr>
</table>

[1] American Water Works Association ("AWWA")

Appendix B
Services

1. Software Services and Support Obligations

a. "Update" to the Software means a subsequent release of the Software that Provider makes generally available to its current customers for the Software. Updates include changes and corrections to the Software as are required to keep the Software in substantial conformance with the applicable Documentation and that are created by Provider as corrections for defects in the Software. Updates shall not include any release, option or future product that Provider licenses separately. Provider shall in its sole discretion determine the nature, content, timing and release of any Updates.

b. Web-based support, consisting of information on the most current release of the Software through Provider's web site.

c. Phone support in the form of advice and counsel via telephone regarding Customer's use of the most current release of the Software, as well as Customer's connectivity and ability to access Content. Phone Support is provided from 8:00 AM to 7:00 PM Eastern Time, Monday through Thursday and 8:00 AM to 5:00 PM Eastern Time on Fridays. All hours and days exclude recognized U.S. holidays observed by Mueller Systems.

2. Software Hosting Services

a. Except as specifically permitted in this Agreement, Customer shall have web-based access the Software hosted by Provider pursuant to this Agreement.

b. Provider shall provide Customer with access and related hosting services to the Software installed on Provider's servers. Provider will also install the Content provided by Customer. Provider will define the appropriate performance specifications and will host the server at a Provider's location. Provider will monitor and perform routine maintenance on the server, and if the server is not operating properly, will make a good faith effort to operate Customer's system on a backup server, if available. Access to Customer's server is restricted to authorized Provider information technology and support personnel only. Differential and full server backups are performed when reasonably practicable.

c. Customer shall be responsible for installing, operating and maintaining the equipment, software, and/or facilities at Customer location recommended by Provider for effective access to and use of the Software installed on Mueller Systems server. Customer shall be responsible for providing and maintaining its own Internet access and all necessary telecommunications equipment at Customer's location necessary for accessing the Software.

d. Upon termination, for any reason, of the Agreement or any license(s) granted herein, Provider shall immediately cease providing access to the Software and Hosting Services. Customer shall (i) immediately stop access and use of all such Provider confidential information (including Software); (ii) shall return all copies of the Software, Documentation, and any Provider confidential information to Provider; and (iii) delete all Software, Documentation, and other confidential information off of any and all storage media possessed or controlled by Customer. Customer shall provide Provider with written certification signed by an officer of Customer that Customer has complied with the provisions of this Section. Customer shall immediately pay all amounts due to Provider.

Appendix C

Confidential Information

For purposes of this Attachment, "party" or "parties" shall mean Provider and Customer, including their respective subsidiaries and affiliates who are providing information under this Agreement. The parties agree to maintain confidential information as follows:

1. Definition of Confidential Information. The parties understand and agree that confidential information is any and all current and future Equipment, Documentation and/or Software information, roadmap, technical or financial information, customer names, addresses and related data, contracts, practices, procedures and other business information, including software reports, strategies, plans, documents, drawings, machines, tools, models, patent disclosures, samples, materials and requests for proposals that may be disclosed between the parties, whether written, oral, electronic or otherwise, however and wherever acquired ("Confidential Information"). Confidential Information excludes any information which would otherwise fall in the definitions above, but which was (a) known to the recipient of the information ("Recipient") before receipt from the disclosing party; (b) publicly available through no fault of Recipient; (c) rightly received by Recipient from a third party without a duty of confidentiality; (d) disclosed by disclosing party to a third party without a duty of confidentiality on the third party; (e) independently developed by Recipient without breach of this or any other confidentiality agreement; or (f) disclosed by Recipient after prior written approval from the disclosing party.

2. Obligations of Confidentiality and Remedies. Recipient agrees to protect the disclosing party's Confidential Information with the same degree of care, but no less than a reasonable degree of care, as Recipient uses with respect to its own Confidential Information. Neither party has any obligation to exchange Confidential Information. Both parties acknowledge and agree that the disclosure of the other party's Confidential Information could cause irreparable harm. Therefore, an injured party is entitled to applicable equitable relief, including injunctions, in addition to other remedies, for such wrongful disclosure of Confidential Information. In addition, disclosure of Confidential Information required by a government body or court of law is not a violation of this Section if the Recipient gives prompt notice of the required disclosure to the disclosing party.

3. Term of Confidentiality Obligations. Recipient's duty to protect Confidential Information expires three (3) years from the date of disclosure of the particular Confidential Information.

4. No Warranties on Confidential Information. Neither party warrants or guarantees the accuracy of any Confidential Information transferred between the parties.

Appendix D

HOSTING SERVICES FEES

AMI Software (Hosted)	**Retail Price (Annual Cost)**					**Milestone for Payment**
Number of Metering End Points:	**3,001 – 5,000**	**5,001 – 25,000**	**25,001 -**	**50,001 -**	**100,001 -**	
Mi.Host AMI Software for Water System		$22,500.00				Availability of hosted software and at least one Mi.Hub reporting to Mi.Host
Add-on Software Modules	**Retail Price (Annual Cost)**					
WaterSmart Consumer Portal		$25,702.20				Completion of Mi.Data acceptance testing
Mi.Alerts Module						

Annual Hardware Maintenance	**Part Number**	**Retail Price Per Unit**	**Milestone for Payment**
Mi.Hub Collector maintenance per year	MS-G-M-YR	$450/each	One year anniversary of ship date
Mi.Tech Handheld and Install Radio maintenance per year	MS-H-M-YR	$2,000/each	One year anniversary of ship date
Cellular Backhaul per collector per year	MS-CELLULAR	$360/each	Installation of Mi.Hub and reporting to Mi.Host

RESOLUTION 44-19UD

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA TO CORRECT A 2018 ADMINISTRATIVE OVERSIGHT BY AUTHORIZING THE UTILITY DISTRICT BOARD CHAIRPERSON TO EXECUTE EXHIBIT "C" – MUELLER SYSTEMS MASTER AGREEMENT TO; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the District Board approved Resolution 08-18UD which included four contracts with Ferguson Enterprises, Inc. to provide Advance Metering Infrastructure as identified in the City's RFP No. 758-16.; and

WHEREAS, due to an administrative oversight, Exhibit "C" – Mueller Systems Master Agreement was not executed.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, AS FOLLOWS:

SECTION 1. That the District Board authorizes the Chairperson and Vice-Chairperson to execute the Mueller Systems Master Agreement.

SECTION 2. This Resolution shall take effect upon passage and approval by the Utility Special District Board.

PASSED AND APPROVED this 18th day of December, 2019.

APPROVED:

KASHAMBA MILLER-ANDERSON
CHAIRPERSON

JULIA A. BOTEL, Ed.D
CHAIR PRO TEM

ATTEST:

CLAUDENE L. ANTHONY, CMC
DISTRICT CLERK

TRADRICK MCCOY
BOARDMEMBER

SHIRLEY D. LANIER
BOARDMEMBER

DOUGLAS A. LAWSON
BOARDMEMBER

MOTIONED BY: J. BOTEL

SECONDED BY: T. MCCOY

T. MCCOY:	AYE
K. MILLER-ANDERSON:	AYE
S. LANIER	AYE
J. BOTEL:	AYE
D. LAWSON:	AYE

SIGNED IN ABSENCE
TO AVOID DELAY

REVIEWED AS TO LEGAL SUFFICIENCY

DAWN S. WYNN, DISTRICT ATTORNEY

DATE: _____

Riviera Beach - Utility Special District

To:	Honorable Mayor, Chairperson and Utility Special District Board of Directors
From:	Joshua Niemann, Utility Special District Executive Director
Through:	William Wilkins, Interim City Manager
Subject:	**Presentations of Updates on Utility Special District Projects.**
Date:	July 14, 2026
CC:	General Public

Background:

At its August 22, 2024, meeting, the Utility Special District Board requested monthly Status Reports concerning the state of critical projects being conducted at the Utility Special District. More specifically, at this time, such updates to be presented to the Board are comprised of the following:

1. Brown and Caldwell: Owner's Representative Services for the New Water Treatment Plant Project
2. Haskell/CDM Smith: New Water Treatment Plant Project
3. Globaltech: Wellfield Rehabilitation Project
4. U.S. Water Services: Existing Water System Operations and Maintenance Support Services

City Goals:

The Citywide Goal is to Accelerate Operational Excellence.

Fiscal/Budget Impact:

N/A

Recommendation:

Staff recommends that the Mayor and USD Board members receive these Presentations.

Attachments:

1. Brown & Caldwell_Owner's Rep_Update_7-1-26.pdf

2. Haskell-CDM Smith_JV Update_July 2026.pdf
3. Globaltech_Wellfield Rehab Proj_Update_07022026.pdf
4. U.S. Water Services_Monthly Report_July 2026.pdf

1400 Centrepark Boulevard, Suite 960,
West Palm Beach, FL, 33401
561.684.3456

Memo

Prepared for: Riviera Beach Utility Special District (RBUSD or City)

Subject: RBUSD New WTP Development Project - Owner's Representative Board Update for Phase 1 Project Activities

Date: July 1, 2026

From: Nigel Grace, PE, Brown and Caldwell

This Board Update provides a summary of key activities that have transpired since the previous reporting period through June 30, 2026. The updates for the current reporting period are shown in **bold** font for emphasis. Specifically, the following is addressed herein:

1. Project Schedule Status
2. Wellfield Construction Status (GMPs 2 and 3)
3. Injection Well and Dual-zone Monitoring Well Construction Status (GMP 4
4. Avenue L Water Treatment Plant (WTP) Construction Status (GMP 5)
5. Raw Water Transmission Main Construction Status (GMP 6)
6. Recent Deliverables
7. Considerations and General Notes
8. Exhibit - Supplemental Information

Project Schedule Status Update

Six of seven anticipated GMPs for delivery of the water treatment modernization program have been approved and are in various stages ranging from active construction to pre-construction activities. GMP 6, for the raw water transmission system was the most recent to be approved by the Board on May 20, 2026. The remaining construction package to be submitted by the JV for consideration by the Board is GMP 7 which will provide the finished water transmission pipeline to connect the new WTP to the distribution system.

The overall program schedule is governed by the completion timeline for GMP 5 (construction of the new WTP) which has the following completion milestones:

1. Substantial Completion – November 2029
2. Final Completion – February 2030

The status of work that is progressing for GMP's 2 through 6 is summarized below.

Wellfield Construction Status (GMPs 2 and 3)

The JV received purchase orders authorizing work to proceed with under GMP 2 and GMP 3 on December 6, 2024 and March 6, 2025, respectively. **Wellfield construction activities under GMPs 2**

and 3 continue to progress in accordance with schedule, with multiple wells advancing through drilling, development, and surface completion phases. No material schedule impacts have been identified during this reporting period. Refer to Supplemental Details (at end of memo) for additional information). No change order requests were submitted for this GMP in the month of June 2026. Two open contingency requests are currently under ongoing review and will be closed out pending receipt of appropriate documentation.

Injection Well and Dual Zone Monitoring Well Construction Status (GMP 4)

The JV received authorization to proceed with work under GMP 4 on August 25, 2025. Injection well construction activities under GMP 4 continue to progress since the well driller has restarted drilling activities after recovering from a previously reported equipment failure. No change orders or contingency requests were submitted in the month of June, 2026.

Avenue L WTP Construction Status (GMP 5)

The Board approved GMP 5 on February 5, 2026. Notice to Proceed was issued on March 11, 2026. The following is the status of construction activities associated with GMP 5:

- Construction activities include preliminary corner stakeout for Buildings 1, 2, 3, & 5. the installation of a temporary lift station for the construction temporary facilities, and placement of gravel for road maintenance. Submittals, RFIs and procurement activities are ongoing.
- The JV notified the City that its supplier indicated that the specified Tier 4 Certified Generators are not available at this time and the timeframe within which they are anticipated to become available for ordering is uncertain. Given the long lead time for delivery of generators, the JV has been requested to provide supporting information to detail the situation and to review alternatives and provide a recommendation for consideration. The matter is still under review by JV and a call with FPL has been scheduled for July 7th to clarify their requirements.
- The JV has submitted documentation of an existing builder's risk insurance policy; however, the coverage provided does not align with the scope or value of GMP 5. Builder's risk insurance covering the full scope and value of GMP 5 is required by the Contract as a pre-condition of construction activity. The JV has indicated that it is actively working with its carrier to secure appropriate coverage and expects the matter to be resolved soon. In the interim, the City, in coordination with its Risk Management team, is evaluating appropriate risk controls and limitations on construction activities until compliant coverage is confirmed.
- No change orders or contingency requests were submitted in the month of June 2026.

Raw Water Transmission Construction Status (GMP 6)

GMP 6 was approved by the Board on May 20, 2026 and NTP was not issued as of this writing. The following is the status of construction activities associated with GMP 6:

- JV is in the initial stages with activities focused on continuing to work through FEC/other permitting, submittals, procurements and construction mobilization activities.
- It is noted that on June 1, 2026, the JV informed the OR that FEC denied permit approval for open-cut crossing of two unused/inoperable railway lines and is requiring the use of more costly trenchless crossing approach that is inconsistent with GMP 6 pricing basis. The situation is currently under review with options ranging from avoiding the need to cross

existing FEC tracks to the implementation of a modified approach to cross the tracks in a manner that complies with FEC requirements.

- No change orders or contingency requests were submitted in the month of June 2026; however, it is noted that the denied FEC permit represents a potential change order risk.

Recent Deliverables

1. Finished Water Transmission Main 60% Design Submittal
    a. The Issued for Permitting (IFP) deliverable was submitted by the JV on May 1, 2026 and review comments from the OR team were provided on May 19, 2026.
    b. FEC railway permitting status clarification: FEC has conditionally approved the permit application and is awaiting payment of the permit fee to issue the approved permit.
2. Raw Water Transmission Main Design Status
    a. The JV submitted the 90 percent design on July 29th, 2025. Design review comments were submitted on September 3, 2025. The JV submitted responses to the 90 percent comments on November 21, 2025.
    b. FEC railway permitting status clarification: FEC has approved permits for 4 crossings and denied permits for two crossings (refer to previous summary).
    c. The JV submitted the Issued for Permitting design documents on January 13, 2026. Issued for Construction (IFC) documents will be released after permitting is concluded and all comments from permitting agencies are satisfactorily addressed.
3. Drinking Water Distribution Assessment Report –further development will be prepared under GMP 5 commissioning planning efforts - refer to previous updates for status. Refer to past reports for previous status.
4. Phase II Pilot Study Report –the JV submitted a final pilot report on January 28, 2026. Supplemental comments were provided on February 26, 2026 to address outstanding items that require clarification.
5. WTP Issued for Permit Documents - OR comments on the IFP submittal have been satisfactorily addressed.
6. Avenue L Roadway Improvements Design - the JV submitted a Drainage Report and Design drawings for review on April 29, 2026. Review by the OR and City was completed and comments returned to the JV on May 19th, 2026.
7. Existing WTP Environmental Site Assessment – The JV submitted a Phase 1 ESA for the existing WTP site on June 9, 2026. OR review comments were provided to the JV on June 25th, 2026.

Change Orders

Potential changes under development/consideration include the following:

1. GMP 2 – Wellfield Expansion
    a. There is no proposed contract change
2. GMP 3 – Wellfield Inspection
    a. Unforeseen Condition – new SAS wells (2015A and 2015B) are not as productive as desired. After extensive development (flushing/jetting) produced limited

improvement, the next step would be to acidify the wells with the goal of potentially improving production.

   b. Unforeseen Condition – School Board development activity planned for Dan Calloway Park conflicts with the location of FAS 6 as designed. This requires assessment of alternative locations for FAS 6 and revising the design to accommodate the new location.

3. GMP 4 – Injection and Monitoring Wells
   a. There is no proposed contract change
4. GMP 5 – New WTP
   a. There is no proposed contract change
5. GMP 6 – Raw water transmission mains
   a. Permitting challenge – **in response to the formal FEC permit rejection of two proposed railway crossings, the JV continues to work to develop viable alternatives for crossing or bypassing the tracks**.

Considerations and General Notes

The summary provided below is limited to items on which there has been progress made.

1. Rather than constructing a costly backup injection well, USD's intent is to dispose of concentrate to ECR during mechanical integrity testing (MIT) of the injection well that occurs on a 5-yr cycle. During MIT cycles concentrate discharge to the injection well must cease for a 3-to-5-day period. There is broad precedent for using the wastewater collection systems as a backup to injection wells, but further work is required to quantify the extent of the transient impact and adequately inform and coordinate with stakeholders in the ECR system. The disposal of nanofiltration concentrate to ECR is routinely practiced by other ECR member utilities and there is no anticipated restriction from ECR on USD's flexibility to do so. Efforts to document the transient impact of RO concentrate on influent (discharged to ECR) wastewater quality was documented in a technical memorandum that was finalized based on comments received from the City/OR and resubmitted by the JV on June 9, 2025. The analysis indicates an operating approach that temporarily increases production from the NF process may allow discharge to ECR to be maintained within the pre-treatment limits. The result of the analysis further indicates the possibility exists to potentially maintain water quality within influent limits for forecasted demands, depending on alignment of water supply demand with forecasts and demand limiting methods employed during periodic MIT activities. Collection system improvements would be required to ensure adequate capacity is available to convey concentrate/waste streams during periodic MIT testing. The JV and USD are continuing to engage the ECR Board to identify and respond to questions regarding the intended application and potential impacts.

SUPPLEMENTAL INFORMATION

Additional details relating to the status of GMPs 2 to 4 are provided below.

GMP 2 – Two FAS Wells and Two Fully Equipped SAS Wells

- Activities completed for the Surficial Aquifer System (SAS) well at site 2015A include the concrete pour for the driveway slab on June 2, and completion of the 6-inch aboveground well piping along with its tie-in to the 8-inch underground raw water line on June 17*th*. In addition, curbing was completed on June 19*th*, the electrical panel rack was installed on June 18*th*, and installation of the panels began on June 22th. Construction activities scheduled for the month of July include installation of the driveway pavers anticipated to begin July 1, completion of the panel installation on the panel rack, and installation of electrical wiring.
- Activities completed for Surficial Aquifer System (SAS) Well at 2015B includes completion of the 6-inch aboveground well piping and tie-in to the 8-inch underground piping for the raw water line on June 4*th*. Construction activities scheduled for the month of July include completion of curbing installation and installation of the electrical panel rack expected to be initiated on July 23*rd*.
- Activities completed for the Floridan Aquifer System (FAS) Well #1 includes completion of the 8-inch aboveground well piping tie-in to the 10-inch underground piping for the raw water line on June 11*th,* completed installation of the electrical handhole on June 23*rd* and completed the electrical duct bank tie-in to the electrical handhole on June 26*th*. Construction activities scheduled for the month of July include completion of the concrete curb and sitework expected to be initiated on July 2*nd*.
- Activities completed for the Floridan Aquifer System (FAS) Well #5 includes continuation of the 8-inch above ground piping tie-in to the 10-inch underground piping for the raw water line. Construction activities scheduled for July include completion of the concrete curbing expected to be initiated on July 1*st and* sitework.
- Electrical construction activities completed schedule for Avenue U includes completion of installation of all manholes and handholes on June 10*th*. Completed duct bank runs from electrical handhole EH-1 to electrical manhole EM-1, and from electrical handhole EH-2 to EM-1on June 12*th*. Addition activities completed include partial duct bank runs from electrical handhole EH-3 to the booster pump station, from manhole EM-1 to the location of standalone generator, from manhole EM-1 to the location of the electrical equipment rack, and from electrical handhole EH-3 to the location of the electrical equipment rack. Construction activities scheduled for the month of July include completed partial duck bank runs expected to be completed by July 3*rd*, under slab electrical for the standalone generator, FRP generator pad, under slab electrical install for electrical rack, and FRP panel rack.

GMP 3 – Remaining FAS Wells

- Construction Activities completed for Floridan Aquifer System (FAS) Well #2 includes well completed the final video survey on June 1*st* and completed installing the permanent wellhead on June 24*th*. No construction activities are currently scheduled for the month of July; the contractor is waiting on sewer manholes to arrive on site.
- Construction activities completed for Floridan Aquifer System (FAS) well #4 include completed well pump development on June 25*th* and completed the step drawdown test with the final water quality sample on June 29*th*. Construction activities scheduled for the month

of July include performing final video survey, demobilization of the well pump equipment, and installation of the permanent wellhead.

- Construction Activities completed for Floridan Aquifer System (FAS) Well #3 include completed pilot hole reaming to a depth of 1,132 feet below land surface on June 14*th*, completed geophysical logging for the reamed pilot on June 15*th*, completed installing the 26-inch intermediate casing at a depth of 1,130 feet below ground level on June 16*th* and completed cementing 26-inch casing on June 19*th* . Construction activities scheduled for the month of July include switching the rig to reverse air expected to be initiated on June 29*th*, pilot hole drilling to a depth of 1,700 feet below ground surface, geophysical logging of the pilot hole, and pilot hole reaming to a depth of 1,700 feet below ground surface.
- Construction activities completed for Floridan Aquifer System (FAS) Well #6 include drilling equipment mobilization completed on June 29*th*. Construction activities scheduled for the month of July include pilot hole drilling to a depth of 220 feet below land surface expected to be initiated on June 30*th* , geophysical logging of pilot hole, ream pilot hole to a depth of 220 feet below land surface, geophysical logging of the reamed pilot hole, installation and cementing of the 36-inch steel casing, and began pilot hole drilling to a depth of 1,100 feet below land surface.

GMP 4 - Injection Well and Dual Zone Monitoring Well Construction Status

- Construction activities completed for the Deep Injection Well (DIW) include installation of the 34-inch intermediate casing on June 8*th* and cementing the 34-inch casing on June 19*th* . Other drilling activities completed include the collection of two cores, first core was collected over the interval from 2,516 to 2,523 feet below pad level completed on June 26*th* and the second core was collected from 2,535 to 2,545 feet below pad level on June 28*th* . Currently pilot hole drilling has progressed to a depth of 2,543 feet below pad level. Drilling activities scheduled for the month of July include continuation of pilot hole drilling to a depth of 3,500 feet below pad level.
- No site activities planned for the Dual Zone Monitoring Well for the month of July.

701 San Marco Boulevard Ste 1400
Jacksonville, Florida 32207
tel: 904 791-4500

To: Honorable Mayor, Chairperson and Board of Directors

Through: William Wilkins, Interim City Manager

From: Michael Hoisington, DBIA, Haskell/CDM Smith Joint Venture

Subject: New Water Treatment Plant Project Update

Date: July 1, 2026

Monthly Update Status

The Haskell/CDM Smith Joint Venture request to provide to the Board of Directors of the City of Riviera Beach Utility Special District, Palm Beach County, Florida a monthly update on the status of the design deliverables and the construction status to date for the Riviera Beach Water Treatment Facility.

Design Status

Avenue L Water Plant

Issue for Permit (IFP) drawings for Avenue L Water Plant have been submitted to Riviera for review on April 9th.

Raw Water Transmission Main

90% Design is complete, however changes along 15th street are being developed to reduce railroad conflicts/interactions.

Finish Water Transmission Main

90% Finish Water and Avenue L improvements Design is complete, JV is working with the market for pricing and comments.

Grant Funding

FDEP SRF – Board Approved at the June meeting and application has been submitted to the state.

Local Breakdown

Below is a breakdown of the local Palm Beach County participation by GMP.

GMP 1 Early Works Package					
Package	Scope of Work	Vendor	Local	Non-Local	Total
0.1	Budget			$ 310,949.00	$ 310,949.00
2	Design and Construction Services	CDM		$ 412,402.00	$ 412,402.00
5	General Conditions	JV		$ 310,059.61	$ 310,059.61
		CCI		$ 309,480.08	$ 309,480.08
		Portta Potty to Go	$ 6,418.64		$ 6,418.64
		Goode Company	$ 1,447.89		$ 1,447.89
		Ace Custom Signs & Window Tint	$ 16,044.65		$ 16,044.65
		Boulevard Subs & More	$ 534.89		$ 534.89
		Kia's Kreations & More LLC	$ 290.00		$ 290.00
		Top Shelf Events	$ 239.70		$ 239.70
		Sweet Life Nutrition PBC	$ 350.00		$ 350.00
		Beyel Brothers, Inc.	$ 5,129.75		$ 5,129.75
		Signs by Tomorrow	$ 18,414.80		$ 18,414.80
		CR Chicks	$ 1,144.99		$ 1,144.99
10	Site Civil and Development	JV		$ 1,194,873.23	$ 1,194,873.23
		Brown Electrical Solutions	$ 539,920.00		$ 539,920.00
		FPL	$ 44,177.12		$ 44,177.12
		Point Break	$ 85,422.00		$ 85,422.00
		Badger Infrastructure Solution Ltd	$ 9,367.98		$ 9,367.98
		Radise International, LLC	$ 365,492.16		$ 365,492.16
		Core and Main	$ 24,645.40		$ 24,645.40
		Ferguson Waterworks	$ 1,703.11		$ 1,703.11
		United Rental	$ 14,060.00		$ 14,060.00
		BullDog Fence of Florida	$ 15,977.90		$ 15,977.90
		Glassgow Equipment Service, Inc.	$ 137,500.00		$ 137,500.00
		PeopleReady Florida, Inc.	$ 5,418.10		$ 5,418.10
Indirect	Contingency				$ 919,551.00
Indirect	Builder Risk				$ 241,685.00
Indirect	General Liability				$ 241,685.00
Indirect	P&P Bond				$ 96,407.00
Indirect	OH&P				$ 666,349.00
		Total	$ 1,293,699.08	$ 2,537,763.92	$ 5,997,140.00
		Percentage	22%	42%	

GMP 2 Groundwater Supply Wells					
Package	Scope of Work	Vendor	Local	Non-Local	Total
00-A	Design	CDM		$ 136,253.00	$ 136,253.00
00-B	Construction Administration	CDM		$ 1,381,938.00	$ 1,381,938.00
00-C	General Conditions	JV		$ 466,868.30	$ 466,868.30
		Signs by Tomorrow	$ 3,477.70		$ 3,477.70
		Goode Company	$ 842.00		$ 842.00
01-A	FAS & SAS Well Development	Florida Drilling	$ 5,535,770.00		$ 5,535,770.00
02-A	Sitework, Demo, Clearing, Grading and SWPP	LOX Construction	$ 669,907.00		$ 669,907.00
26-A	Electrical	Brown Electrical Solutions	$ 407,905.00		$ 407,905.00
		CDM		$ 112,272.00	$ 112,272.00
26-B	Instrumentation and Controls	Revere Controls		$ 208,556.00	$ 208,556.00
32-B	Fencing	Tropic Fence	$ 74,399.00		$ 74,399.00
40-A	Process and Yard Piping	Haskell		$ 770,500.60	$ 770,500.60
		Core and Main	$ 29,795.40		$ 29,795.40
		Rangeline	$ 15,636.00		$ 15,636.00
	Indirect Contractual Cost				$ 3,875,538.00
		Total	$ 6,737,732.10	$ 3,076,387.90	$ 13,689,658.00
		Percentage	49%	22%	

GMP 3 FAS Groundwater Supply Wells					
Package	Scope of Work	Vendor	Local	Non-Local	Total
00-A	Design	CDM Smith		$ 168,168.00	$ 168,168.00
00-B	Construction Administration	CDM Smith		$ 1,588,539.00	$ 1,588,539.00
00-C	General Conditions	JV		$ 826,127.00	$ 826,127.00
01-A	FAS & SAS Well Development	Florida Drilling	$ 9,514,230.00		$ 9,514,230.00
02-A	Sitework, Demo, Clearing, Grading and SWPP	LOX Construction	$ 1,070,651.00		$ 1,070,651.00
26-A	Electrical	Brown Electrical Solutions	$ 1,104,291.00		$ 1,104,291.00
		CDM		$ 199,831.00	$ 199,831.00
		Ringpower		$ 557,888.00	$ 557,888.00
26-B	Instrumentation and Controls	Revere Controls		$ 625,668.00	$ 625,668.00
32-B	Fencing	Tropic Fence	$ 83,589.00		$ 83,589.00
40-A	Process and Yard Piping	Haskell		$ 1,706,603.40	$ 1,706,603.40
		Core and Main	$ 54,204.60		$ 54,204.60
Indirect	Indirect Contractual Cost				$ 6,195,268.00
		Total	$ 11,826,965.60	$ 5,672,824.40	$ 23,695,058.00
		Percentage	50%	24%	

GMP 4 Concentrate Injection and Dual-Zone Monitoring Well					
Package	Scope of Work	Vendor	Local	Non-Local	Total
00-A	Design	CDM Smith		$ 2,780,679.00	$ 2,780,679.00
00-B	Construction Administration	JV		$ 2,407,331.00	$ 2,407,331.00
00-C	General Conditions	JV		$ 744,350.00	$ 744,350.00
26-C	Electrical	TBD	$ -	$ 20,000.00	$ 20,000.00
33-A	CIW and DZMW Wells	Florida Drilling	$ 16,064,868.00		$ 16,064,868.00
Indirect	Indirect Contractual Cost				$ 6,407,813.00
		Total	$ 16,064,868.00	$ 5,952,360.00	$ 28,425,041.00
		Percentage	57%	21%	

701 San Marco Boulevard Ste 1400
Jacksonville, Florida 32207
tel: 904 791-4500

Well GMPs (2 &3)

1. Permits
    a. Attached is current permit log for the project.
2. Haskell/CDM Smith JV
    a. FAS-1 above ground raw water process piping installation in progress.
    b. FAS-5 and 2015-B above ground raw water process piping installation in progress. Raw water main run to future tie in location for FAS-5. 2015-B raw water main tied in.
    c. 2015-A above ground raw water process piping installation in progress. Raw water line tied into main onsite.
3. Brown Electrical Solutions
    a. 2015-A Installing electrical manholes, handholes and electrical rack. Control panels to be set this month
    b. FAS-5 and 2015-B-Installing electrical manholes, handholes and electrical rack. Control panels to be set this month.
    c. In and under conduit installed at Avenue U for new emergency back-up generator.
    d. Procurement of electrical materials is ongoing.
4. Lox Construction
    a. FAS-1 Curb and stone backfill complete. Site grading ongoing.
    b. FAS-5 and 2015B generator slab excavated and being formed.
    c. 2015-A Paver driveway installation ongoing.
5. Florida Drilling
    a. SAS Well 2015-A (W 29th Street)
        i. Pump selection under engineer review.
    b. SAS Well 2015-B (Avenue U)
        i. Pump selection under engineer review.
    c. FAS Well 1 (Avenue L)
        i. Aqua Performance Test pending completion of three (3) FAS Wells
    d. FAS Well 2 (Avenue R and Blue Heron)
        i. Plumbness and alignment test scheduled for Monday, July 6th.
    e. FAS Well 3 (Public Works and 15th Street)
        i. Surface casing installed and grouted to 1,290'.
        ii. Drilling mud continues to be hauled off
        iii. Drilling has switched to reverse air.
    f. FAS Well 4 (Calloway Park)
        i. Step draw down test completed. Final video scheduled for Monday, July 6th.
    g. FAS Well 5 (Avenue U)
        i. Aqua Performance Test pending completion of three (3) FAS Wells
    h. FAS Well 6 (Calloway Park)

701 San Marco Boulevard Ste 1400
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i. Equipment mobilized but the drive head needs repairs so drilling will not start until repairs are complete.

6. Deep Injection Well (GMP4)
    a. 34” casing installed and grouted 2,218 ft.
    b. Pilot hole drilling ongoing, currently at 2,750ft.
    c. Four (4) cores have been collected.
7. Water Plant (GMP5)
    a. Fifty-five (55) out fifty-eight (58) contracts have been issued to the selected bidders. Contract negotiations continue.
    b. Submittal log has been uploaded to Procore with submittals being submitted for Engineer of Record review.
        i. Pipe deliveries will start this month.
    c. Quality Kick-off meeting held in June.
8. Raw Water Transmission Main (GMP6)
    a. GMP 6 was approved at the May 20th board meeting. JV is issuing letters of intent to the low responsible bidders. Contracts are being drafted and will be issued once the Purchase Order is received.
9. Finish Water Transmission Main (GMP7)
    a. JV is actively working with market vendors to price the drawing set.

29JUNE2026

City of Riviera Beach, Permit Tracker

Permit Identification	Agency Level	Status
GMP 2: SAS + FAS Early Offsite Wells		
SAS1 2015A - Temporay Fence Permit	Local	APPROVED
SAS1 2015A -Erosion Control Permit	Local	APPROVED
SAS1 2015A -Site Development Primary Permit	Local	APPROVED
SAS1 2015A -Electrical Sub-Trade Permit	Local	APPROVED
SAS1 2015A -Plumbing Sub-Trade Permit	Local	APPROVED
SAS1 2015A -Fencing Sub-Trade Permit	Local	APPROVED
SAS1 2015A -Site Lighting (Security) Sub-Trade Permit	Local	NOT SUBMITTED
SAS1 2015A - Water Use Permit	State	APPROVED
SAS1 2015A - Well Construction Permit	State	APPROVED
SAS1 2015A - Generic NPDES Permit	State	APPROVED
SAS2 FAS5 Ave U 2015B - Temporay Fence Permit	Local	APPROVED
SAS2 FAS5 Ave U 2015B -Erosion Control Permit	Local	APPROVED
SAS2 FAS5 Ave U 2015B -FDOT Utility Permit	State	APPROVED
SAS2 FAS5 Ave U 2015B -Site Plan Approval	Local	APPROVED
SAS2 FAS5 Ave U 2015B -Site Development Primary Permit	Local	APPROVED
SAS2 FAS5 Ave U 2015B -Electrical Sub-Trade Permit	Local	APPROVED
SAS2 FAS5 Ave U 2015B -Plumbing Sub-Trade Permit	Local	APPROVED
SAS2 FAS5 Ave U 2015B -Fencing Sub-Trade Permit	Local	APPROVED
SAS2 FAS5 Ave U 2015B -Site Lighting (Security) Sub-Trade Permit	Local	NOT SUBMITTED
SAS2 FAS5 Ave U 2015B -Generator Permit	Local	UNDER REVIEW: Received comments June 29th, in process of addressing.
SAS2 FAS5 Ave U 2015B - Water Use Permit	State	APPROVED
SAS2 FAS5 Ave U 2015B - Well Construction Permit	State	APPROVED
SAS2 FAS5 Ave U 2015B - Generic NPDES Permit	State	APPROVED
FAS1 - Temporay Fence Permit	Local	APPROVED
FAS1 -Erosion Control Permit	Local	APPROVED
FAS1 -Site Development Primary Permit	Local	APPROVED
FAS1 -Electrical Sub-Trade Permit	Local	APPROVED
FAS1 -Plumbing Sub-Trade Permit	Local	APPROVED
FAS1 -Fencing Sub-Trade Permit	Local	APPROVED
FAS1 -Site Lighting (Security) Sub-Trade Permit	Local	NOT SUBMITTED
FAS1 - Water Use Permit	State	APPROVED
FAS1 - Well Construction Permit	State	APPROVED

FAS1 - Generic NPDES Permit	State	APPROVED
GMP 3: Balance of FAS Offsite Wells		
FAS2 - Temporay Fence ROW Permit	Local	APPROVED
FAS2 -Clearing Permit	Local	APPROVED
FAS2 -Erosion Control Permit	Local	APPROVED
FAS2 -Site Development ROW Primary Permit	Local	APPROVED
FAS2 -Electrical Sub-Trade Permit	Local	APPROVED
FAS2 -Plumbing Sub-Trade Permit	Local	APPROVED
FAS2 -Fencing Sub-Trade Permit	Local	APPROVED
FAS2 -Site Lighting (Security) Sub-Trade Permit	Local	NOT SUBMITTED
FAS2 - Water Use Permit	State	APPROVED
FAS2 - Well Construction Permit	State	APPROVED
FAS2 - Generic NPDES Permit	State	APPROVED
FAS3 - Temporay Fence Permit	Local	APPROVED
FAS3 -Clearing Permit	Local	APPROVED
FAS3 -Erosion Control Permit	Local	APPROVED
FAS3 - FEC Rail Permit	State	VOID (Permit No Longer Needed)
FAS3 -Site Development Primary Permit	Local	UNDER REVIEW: Resubmitted on May 13th addressing comments
FAS3 -Electrical Sub-Trade Permit	Local	APPROVED
FAS3 -Plumbing Sub-Trade Permit	Local	APPROVED
FAS3 -Fencing Sub-Trade Permit	Local	APPROVED
FAS3 -Site Lighting (Security) Sub-Trade Permit	Local	NOT SUBMITTED
FAS3 - Water Use Permit	State	APPROVED
FAS3 - Well Construction Permit	State	APPROVED
FAS3 - Generic NPDES Permit	State	APPROVED
FAS4 - Temporay Fence Permit	Local	APPROVED
FAS4 -Clearing Permit	Local	APPROVED
FAS4 -Erosion Control Permit	Local	APPROVED
FAS4 -Site Plan Approval Permit	Local	UNDER REVIEW: Submitted to the City of Riviera on 9/17/25. This item is currently under review and requires final administrative closeout.
FAS4 -Site Development Primary Permit	Local	APPROVED
FAS4 -Electrical Sub-Trade Permit	Local	APPROVED
FAS4 -Plumbing Sub-Trade Permit	Local	APPROVED
FAS4 -Fencing Sub-Trade Permit	Local	APPROVED
FAS4 -Site Lighting (Security) Sub-Trade Permit	Local	NOT SUBMITTED
FAS4 - Water Use Permit	State	APPROVED
FAS4 - Well Construction Permit	State	APPROVED
FAS4 - Generic NPDES Permit	State	APPROVED

FAS6 - Temporay Fence Permit	**Local**	**UNDER REVIEW**
FAS6 -Clearing Permit	**Local**	**UNDER REVIEW**
FAS6 -Erosion Control Permit	**Local**	**UNDER REVIEW**
FAS-6 Demo Permit	**Local**	**UNDER REVIEW**
FAS6 -Site Development Primary Permit	**Local**	**UNDER REVIEW: City is awaiting physical drawings from JV**
FAS6 -Electrical Sub-Trade Permit	**Local**	**ON-HOLD**
FAS6 -Plumbing Sub-Trade Permit	**Local**	**ON-HOLD**
FAS6 -Fencing Sub-Trade Permit	**Local**	**ON-HOLD**
FAS6 -Site Lighting (Security) Sub-Trade Permit	**Local**	**ON-HOLD**
FAS6 - Water Use Permit	**State**	**APPROVED**
FAS6 - Well Construction Permit	**State**	**APPROVED**
FAS6 - Generic NPDES Permit	**State**	**APPROVED**

City of Riviera Beach, Permit Tracker

Permit Identification	Agency Level	Status
GMP 5: Ave L		
Ave L Site Development Permit	Local	UNDER REVIEW: Submitted to City of Riviera on April 9th, Flash drives that allow for mark-up were submitted on May 13th.
High Service Building Permit	Local	UNDER REVIEW: CDM responded to 2nd round of UES comments on June 23rd, now awaiting final confirmation.
Electrical Building Permit	Local	UNDER REVIEW: CDM responded to UES comments on May 21st, awaiting further comments/approval.
Guardhouse Building Permit	Local	UNDER REVIEW: Mechanical engineers are in process of addressing comments with UES.
Admin-Process Facility Building Permit	Local	Menard and CDM are currently working through and addressing review comments. Once these comments have been resolved, it is anticipated that the design packages for the remaining buildings will be completed and submitted in a timely manner.
5MG Ground Storage Tank Building Permit	Local	Awaiting foundations design from Menard.
Degas-Clearwell Building Permit	Local	Awaiting foundations design from Menard.
Chemical Storage Building Permit	Local	Awaiting foundations design from Menard.
Pre-Treatment Building Permit	Local	Awaiting foundations design from Menard.
Generator Permit	Local	Awaiting Generator Selection
FDEP Generator Tank Registration	State	NOT SUBMITTED

City of Riviera Beach, Permit Tracker

Permit Identification	Agency Level	Status	Permit #	Issued Date	Expiration Date
GMP 6					
RWTM ROW Permit	Local	Under Review	ROW-26-0033	Pending	Pending
FWTM ROW Permit	Local	Under Review	ROW-26-0034	Pending	Pending
FEC (6 Crossing - Trenchless)	FEC	Under Review	Pending	Pending	Pending
FEC (F3 Open-Trench) W 15th Street	FEC	Under Review	Pending	Pending	Pending
Right-of-Way (Australian) (Directional Drill)	Local	Duplicate			
Notice of Intent to Use the General Permit for Construction of Water Main Extensions for Public Water Systems	Local	RWTM: Approved April 28, 2026 FWTM: Under Review			
FDEP Transmission Permit (RW)	Local	Awaiting Status from Engineers			
Connection to N Ave L (Utility Permit)	Local	Awaiting Status from Engineers			
Right-of-Way (Canals and Roadways)	Local	Duplicate			
Tree Removal/Relocation Permit	Local	Awaiting Status from Engineers			

GLOBALTECH
A DESIGN BUILD COMPANY

Engineers · Contractors
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Boca Raton, Florida 33431
Phone: (561) 997-6433; Fax: (561) 997-5811
www.globaltechdb.com

PROJECT UPDATE MEMORANDUM

To: **Honorable Mayor, Chairperson, and Board Members of the City of Riviera Beach, FL**

From: **Globaltech, Inc. (GT)**

Through: **William E. Wilkins, Interim City Manager**

Subject: **Wellfield Rehabilitation Project Update**
Scope and Progress Update

Date: **July 2, 2026**

PROGRESS UPDATE

The following work has been completed on the project:

- Emergency Rehabilitation Work

Well No.	Pumping Capacity (gpm)	Work completed
12A	350	▪ In service since 11/19/24.
14	425	▪ In service since 4/9/24.
852	460	▪ In service since 3/11/25.
921	400	▪ In service since 10/24/25.
961	500	▪ In service since 11/06/25.
871	800	▪ In service since 04/06/26
801	500	▪ Scheduled for minor acidization and redevelopment; moved to after install of unground isolation valve
802	300	▪ Mechanical rehabilitation completed. ▪ Scheduled for full redevelopment (to start the week of 7/6)
805	350-400	▪ Above-grade mechanical and concrete rehabilitation completed
862	TBD	▪ Notified the utility review 862 power connects, and offered our electrical team services to aid in investigation of issue. City requested proposal. Proposal release on-hold, based off release ▪ Finalization of well to occur after completion of electrical assessment and it is determined there is no risk to installation of new pump/motor.

- Hydraulic Model
  - Verification of the wellfield hydraulic model provided by JV has been completed. The model has been updated using field data collected during site visits and rehabilitation activities.
  - An action items list is being developed to address findings from the comparison of model results with field data. Ongoing field data collection will be used to further verify system performance.
  - The wellhead data collectors have been re-programmed to first-in/first-out service. This may allow the City to collect data when recent unusual pressure conditions occur in the raw water main.
  - Remaining well, saddle taps for system pressure monitoring complete

- Monitoring well
  - Construction of monitoring well has been completed
  - Hydrogeologist have completed sampling and water quality testing; report being developed
  - Final survey completed 6/30

- Additional Rehabilitation Work
  - Redevelopment
    - Acidization for Wells 801 and 802 are / have been scheduled
    - Walkthroughs complete for Crane access, and discharge location
  - Sanitary Survey Preparation
    - RB well conditions are being improved in preparation for DoH Sanitary Survey
    - EMMI completed pump lowering and pump replacements for 4 of the wells
    - Cost estimates for additional tasks related to the wellfield sanitary survey are prepared; 1 change order has been reviewed and approved
    - 2 wells complete for Group 1 CO
  - Currently preparing cost estimates for additional tasks related to the wellfield sanitary survey.

Water and Wastewater Utility Operations, Maintenance, Engineering, Management

Monthly Progress Report

Riviera Beach Utility Special District

Water Treatment and Distribution System

June 1, 2026 – June 30, 2026

The Utility Special District Board of Directors approved Resolution Number 9-25 authorizing the 9-month extension of the piggybacking of Florida Governmental Utility Authority (FGUA), agreement with U.S. Water Services Corporation (USW) to continue professional utility operations and maintenance staffing support services due to the water system's process reliability, procedural, maintenance and performance challenges which has impacted compliance readiness, aesthetic characteristics of product water and the ability to meet system demands without reliance on supplemental water supplies from neighboring utilities and issue work orders in an amount not to exceed $4.2 million dollars. USW will also provide operability engineering services related to the proposed RO water treatment facility.

Administrative:

USW staff met with Executive Director, Josh Niemann, on June 11, 2026 for updates on project close out to include budget, site walkthrough, & final inventory. USW transitioned daily operational, compliance and administrative tasks to USD staff on October 1, 2025. Additionally, USW staff vacated USD offices on November 21, 2025. The USW concluded maintenance activities on May 29, 2026.

Meetings:

USW's Mike Miller attends the RBUSD Board meeting on June 17, 2026.

USW's Mike Miller & Chris Jones met with Executive Director, Josh Niemann, and WTP Manager, Garry Baker on June 1 & 11,2026 to discuss budget, project close-out procedures, and operational staffing proposal.

4939 Cross Bayou Blvd. ≈ New Port Richey ≈ Florida 34652

Ph: 727-848-8292 ≈ Fax: 727-848-7701 ≈ Toll Free: 866-753-8292

Wellfield:

No new activity to report.

Well Number	Estimated Completion	FLOW (GPM)
922	March 20, 2026	unk
14	Back in Service: Feb. 25, 2026	750
9A	Back in Service: April 18, 2025	400
10A	Back in Service: May 8, 2025	200
862	Back in Service: April 25, 2025	800
4	Back in Service: July 8, 2025	200
2004	Back in Service: July 18, 2025	345
803	Back in Service: Sept. 3, 2025	200

Water Treatment Plant:

- **Generator**

No new activity to report.

- **SCADA**

No new activity to report.

- **Laboratory**

No new activity to report.

- **Transfer Pumps:**

No new activity to report.

- **Lime Softeners:**

No new activity to report.

- **RDP System**

No new activity to report.

- **CO_2 System**

No new activity to report.

- **Air Strippers**

No new activity to report.

- **Filters**

Filters #11, #14 and #16 rehabilitated & placed into service.

Installation of 30" valve in north filter gallery completed.

Filter bypass valves programmed & exercised.

- **Recovery Basins (Saves All)**

No new activity to report.

- **Clearwell**

No new activity to report.

- **High Service Pumps (HSP)**

No new activity to report.

- **Instrumentation & Controls**

Rocha Controls programmed the North filter valves & actuators for backwashing.

Distribution:

No new activity to report.

Compliance:

USW staff assisted USD staff to collect monthly distribution and well samples

Training:

No new activity to report.

Miscellaneous:

Sodium permanganate pilot test was postponed until further notice.

USW compiled an inventory list of excess project materials & equipment to valuate, sell, and or re-stock.

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Riviera Beach - Utility Special District

To: Honorable Mayor, Chairperson and Utility Special District Board

From: Bruce Guyton, Councilman

Through: William E. Wilkins, Interim City Manager

Subject: **Discussion on Water Rates**

Date: July 14, 2026

CC: General Public

Background:

City Goals:
The Citywide Goal is to Achieve Operational Excellence.

Fiscal/Budget Impact:
N/A

Recommendation:
It is recommended that the Mayor and Utility Special District Board members receive this Presentation.

Attachments:
1. crb-utility-booklet.pdf
2. PDF Adjustment.pdf
3. PDF Comparison.pdf

UTILITY SPECIAL DISTRICT

THE FUTURE OF UTILITY AND THE WATER TREATMENT FACILITY

One Drop at a Time!









NOTICE OF PUBLIC HEARING

WHEN: January 15, 2025 at 5:30pm

WHERE: Riviera Beach Marina Event Center
190 East 13th Street
Riviera Beach, FL 33404

City of Riviera Beach Utility District
Established in 2004
Palm Beach County, Florida

Riviera Beach



The Board of Directors of the Utility Special District and staff have been working diligently over the past few years to deliver a state-of-the-art water treatment facility. The existing facility is approaching the end of its useful life. We must move forward with a facility that can deliver the quality product we do not expect but demand.

We encourage you to stay connected with us, so that you know what is being done to meet this need. We are committed to providing opportunities for the community to engage with us on this important topic.

Jonathan Evans, City Manager, MPA, MBA, FRA-RA, ICMA-CM

Public Notice To Utility Customers

On January 15, 2025, a resolution amending the rates, fees and charges of the City of Riviera Beach Utility Special District (the "District") will be presented to the District Board in order to fund costs associated with a new water treatment plant, regulatory requirements, and other utility infrastructure. The amendment proposes current and future increases to the District's water, sewer, tapping, master meter, sprinkler meter, fire service protection, and service availability rates, fees and charges.

The meeting will begin at 5:30 p.m. and will be held at the Riviera Beach Marina Event Center, located at 190 E. 13th Street, Riviera Beach, FL 33404.

Upcoming Community Meetings

Members of the community are welcome to attend any of three community meetings regarding the state of the Utility and the new treatment facility to be constructed at the intersection of West Blue Heron Boulevard and Avenue L, Riviera Beach, FL. Proposed increases to the water and wastewater rates to support the project will be an integral part of the discussion. We look forward to meeting you and addressing your concerns during these informative and interactive sessions.

Tuesday, January 7, 2025 | 6:00 pm to 8:00 pm
Riviera Beach Marina Event Center, 190 E. 13th Street, Riviera Beach, FL 33404

Thursday, January 9, 2025 | 6:00 pm to 8:00 pm
Riviera Beach Marina Event Center, 190 E. 13th Street, Riviera Beach, FL 33404

Monday, January 13, 2025 | 6:00 pm to 8:00 pm
Riviera Beach Marina Event Center, 190 E. 13th Street, Riviera Beach, FL 33404

Project Background

The scope of this project includes construction of a new 14 million gallons per day (MGD) membrane water treatment facility (WTF) located at the intersection of Avenue L and Blue Heron Blvd. This project will be compliant with the first-ever nationwide, legally enforceable drinking water standards to protect communities from per- and polyfluoroalkyl substances (PFAS) and implement new membrane state-of-the-art technologies. In addition to the WTF, the project includes an administration building for the District staff; installation of two new surficial aquifer system (SAS) wells; a new Floridan Aquifer System (FAS) supply with six (6) new FAS wells and a raw water pipeline to convey this water to the new WTF; a ground storage tank; modifications to the finished water pipeline to connect the new WTF to the existing distribution system.

Key elements of the project include the replacement of aging lead pipes to enhance public health, the implementation of advanced backup power solutions to ensure continuous operation during emergencies, and targeted efficiency upgrades to improve overall water quality and supply.

The new facility will not only improve water quality but also enhance sustainability through energy-efficient operations designed to reduce the plant's carbon footprint. Equipped with advanced monitoring systems, the plant will respond dynamically to changing water conditions, ensuring a reliable supply of clean water even in the face of environmental challenges.

This project represents a critical investment in the community's future, ensuring that residents have access to safe, sustainable, and affordable drinking water for generations to come. The WTF will stand as a testament to the City's dedication to public health, environmental stewardship, and long-term resilience.

Benefits of the New Water Treatment Facility

The WTF project is a vital initiative designed to address the growing water demands of the community, ensuring a reliable, and sustainable supply of treated water. A primary goal is to increase the City's water capacity by constructing a new facility that produces 14 million gallons of clean drinking water per day. This expansion is essential to meet the needs of the current population of approximately 38,344 residents and the projected increase to 45,000 residents over the next fifteen years.

The WTF will significantly enhance public health and well-being by utilizing advanced filtration and treatment systems to remove contaminants, such as PFAS, and other impurities from water sources. These improvements will ensure that the water provided to residents not only meets but exceeds stringent health and safety standards, contributing to the overall wellness of the community.

In addition to providing clean water, the project is committed to environmental sustainability by incorporating energy-efficient processes that reduce the carbon footprint of water treatment operations. This approach positions the WTF as a model of eco-friendly infrastructure, aligning with broader environmental stewardship goals.

The project offers substantial public benefits by creating employment opportunities during both the construction and operational phases, thus supporting the local economy. Additionally, the plant will bolster community resilience by ensuring a reliable water supply capable of supporting residential, commercial, and industrial growth.

The WTF project demonstrates a comprehensive commitment to public health, environmental sustainability, and economic vitality, serving as a cornerstone for the community's long-term resilience and prosperity.

Protection of Health and the Environment

The WTF is a comprehensive initiative focused on safeguarding human health and the environment. Utilizing cutting-edge technologies, the plant will exceed regulatory standards for drinking water protection, ensuring the delivery of safe and clean water to the community.

In addition to drinking water protection, the project emphasizes source water protection through proactive strategies designed to prevent pollution and maintain water quality in surrounding ecosystems. These efforts contribute to the preservation of a resilient watershed, which is crucial for sustaining the natural environment and the community's long-term water resources.

The plant's sustainable practices are integral to its design, optimizing water use efficiency and minimizing waste. Advanced technologies will enable the plant to adjust to changing environmental conditions, ensuring a reliable and consistent water supply even in the face of future challenges.

Overall, the WTF project represents a holistic approach to protecting human health and the environment. It is a commitment to providing clean water, preserving vital natural resources, and promoting sustainable water management for the well-being of current and future generations.

Implementation of Innovative Technology

The new WTF project integrates cutting-edge technologies to enhance sustainability and operational efficiency. The project will harness renewable and alternative energy sources, such as solar and wind, to power the plant, significantly reducing its environmental impact. Advanced water recycling systems will be employed to maximize resource efficiency, enabling the treatment and reuse of water for various applications.

In addition, the plant will incorporate state-of-the-art desalination technologies to address water scarcity challenges, ensuring a diversified and resilient water supply. These innovative approaches not only promote environmental sustainability but also position the WTF as a model for efficient and forward-thinking water management. The project demonstrates a strong commitment to leveraging technology to meet the community's evolving needs while minimizing its ecological footprint.

Innovative Approaches to Plan, Design, and Manage the Water Treatment Facility

The WTF project embraces innovative approaches at every stage of its lifecycle. During the planning phase, advanced computer modeling and data analytics are used to optimize infrastructure layout, enhancing both efficiency and resilience. The design phase incorporates state-of-the-art technologies to improve water treatment processes, ensuring the highest standards of purification and quality.

In project management, real-time monitoring systems are implemented to allow for adaptability to changing conditions and proactive problem-solving. Collaborative cloud-based platforms streamline communication among stakeholders, improving project coordination and decision-making. The implementation phase utilizes cutting-edge construction methods that prioritize sustainability and efficiency.

By integrating these innovative approaches in planning, design, and management, the WTF project ensures a forward-thinking and efficient strategy to meet the community's water needs while minimizing environmental impact.

Scope of Work	Cost
Contingency	$ 4,904,458
Avenue L Site Clearing (Approved February 2024)	5,997,142
Groundwater Supply Wells	37,355,949
New Water Treatment Facility	214,241,779
Groundwater Storage Tanks and High Service Pump Stations	12,865,902
Concentrate Injection and Monitoring Wells	36,565,396
Raw Water Transmission Main	28,874,888
Finished Water Transmission Main	7,374,570
Demolition of existing Water Treatment Plant	4,293,181
Maintenance Facility Improvements	4,403,775
Total Anticipated Project Construction Costs	**$ 356,877,040**

What is the Cost of the New Water Treatment Plant?

A PENNY A GALLON!

Estimated Cost of Treatment Plant	$400,000,000
Estimated Annual Debt Service Cost Factor	6.25%
Estimated Debt Service Cost	$25,000,000
FY 2022 & FY 2023 Consumption (in Thousands)	2,463,983
Estimated Cost per 1,000 Gallons	$10.15
Cost per Gallon	$0.0101



Recommended Average System Annual Percent Rate Revenue Adjustments

Description	Fiscal Year Ending September 30, [1]				
	2025	2026	2027	2028	2029
Water System: [2]					
Adopted [3]	10.00%	3.00%	3.00%	3.00%	0.00%
Recommended Additional [4]	0.00%	28.00%	28.00%	26.00%	26.00%
Total Water System	**10.00%**	**31.85%**	**31.85%**	**29.78%**	**26.00%**
Wastewater System:					
Adopted [3]	8.00%	3.00%	3.00%	3.00%	0.00%
Recommended Additional [4]	0.00%	3.00%	3.00%	3.00%	6.00%
Total Wastewater System	**8.00%**	**6.09%**	**6.09%**	**6.09%**	**6.00%**
Average Increase – Combined System	**8.98%**	**18.77%**	**20.17%**	**20.28%**	**18.94%**

[1] Rates assumed to become effective with service rendered on October 1 of each respective fiscal year.
[2] Includes potable water irrigation service.
[3] Amounts shown reflect a phased interim rate implementation plan previously adopted by the District pursuant to Resolution No. 21-23UD on September 20, 2023 which became effective beginning in Fiscal Year 2024; the term or phase-in period for the rates adopted pursuant to Resolution No. 21-23UD is scheduled to end in Fiscal Year 2028. The Fiscal Year 2025 rate adjustments have been placed into effect as of the date of the latest rate study report.
[4] Represents rate adjustments that are in addition to and should be added to the District Board-adopted rates. Rates proposed are assumed to become effective on October 1 of each fiscal year.

Average Monthly Bill Increase - Single-family Residential Customers Using 5,000 Gallons of Service

Description	Water	Sewer	Combined
FY 2025 Existing Rates	$41.13	$43.41	$84.54
FY 2026 Recommended Rate Increase	33.45%	6.22%	19.47%
Adjusted Bill	$54.89	$46.11	$101.00
Increase in Monthly Bill	$13.76	$2.70	$16.46
FY 2027 Recommended Rate Increase	31.83%	6.14%	20.10%
Adjusted Bill	$72.36	$48.94	$121.30
Increase in Monthly Bill	$17.47	$2.83	$20.30
FY 2028 Recommended Rate Increase	29.78%	6.05%	20.21%
Adjusted Bill	$93.91	$51.90	$145.81
Increase in Monthly Bill	$21.55	$2.96	$24.51
FY 2029 Recommended Rate Increase	25.98%	6.05%	18.89%
Adjusted Bill	$118.31	$55.04	$173.35
Increase in Monthly Bill	$24.40	$3.14	$27.54

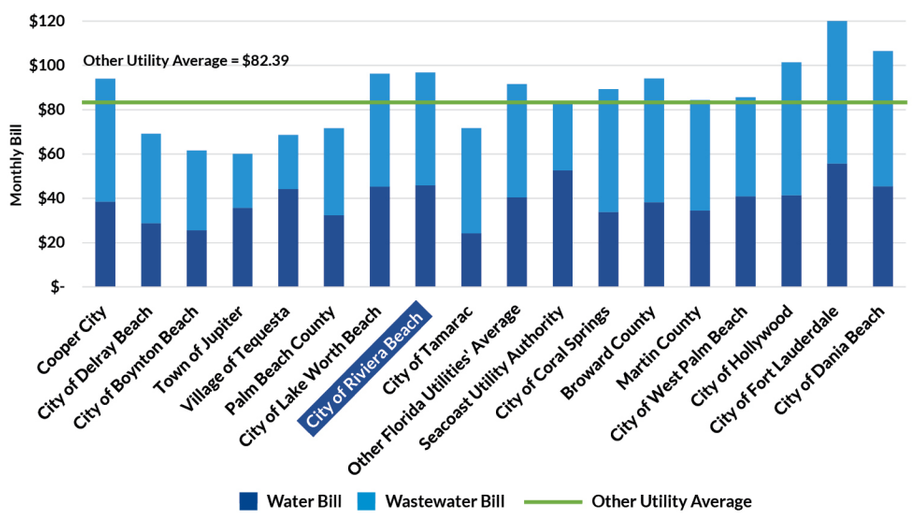
Increase in the District's Costs

The primary reasons for the increase in water and wastewater monthly user rates are due to:

1. A significant level of capital costs being financed associated with the replacement of the existing water treatment facilities which is expected to start construction in Fiscal Year 2025 with an estimated construction cost of $356 million.
2. Increased costs of wastewater treatment and disposal associated with the financing of significant capital improvements through increased deposits to the Renewal and Replacement Fund attributable to the East Central Regional Wastewater Treatment Facility coupled with increased costs of operations at the facility.
3. Increased operating expenses associated with the continued impacts of general inflation and increased energy increases and the residual effects on the cost of doing business (chemicals, repairs, transportation, etc.).
4. Increased operating expenses for the water system associated with the need to secure contract services to operate the facilities due to a lack of candidates to fill vacant positions.
5. Due to the age and condition of the existing utility plant assets, the proposed rate recommendations provide additional dedicated annual transfers to fund capital expenditures for the ongoing and needed renewal, replacement, betterment and upgrade of System assets.
6. Maintain the creditworthiness of the System and a favorable bond credit rating. Maintaining working cash reserves to limit the risk to the utility due to unforeseen changes in revenues, unexpected operating or capital expenses. Provide a plan to achieve the lowest cost of borrowers for capital financing. Promote the long-term financial stability of the System.
7. To issue additional bonds, the District must approve rates to have sufficient net revenues to meet the additional bonds test requirement. Rates must be in place to issue the debt to finance the capital improvements to the System.

The recommended rates for the Fiscal Year 2026 after the implementation of the additional rate increase are projected to remain competitive when compared to the rates charged by other neighboring public utilities. A comparison of the District existing rates to the other public utility rates (which rates are current and do not reflect any changes that may occur after the date of the rate report and during Fiscal Year 2018) are summarized on the figure below for the average residential (individually metered) customer using 5,000 gallons:

Comparison of Combined Monthly Water and Wastewater Residential Bills at 5,000 Gallons



CITY OF RIVIERA BEACH
UTILITY SPECIAL DISTRICT
600 West Blue Heron Boulevard
Riviera Beach, FL 33404

COMMUNITY MEETINGS

Tuesday, January 7, 2025 | 6:00 pm to 8:00 pm
Riviera Beach Marina Event Center, 190 E. 13th St., Riviera Beach, FL 33404

Thursday, January 9, 2025 | 6:00 pm to 8:00 pm
Riviera Beach Marina Event Center, 190 E. 13th St., Riviera Beach, FL 33404

Monday, January 13, 2025 | 6:00 pm to 8:00 pm
Riviera Beach Marina Event Center, 190 E. 13th St., Riviera Beach, FL 33404

The 2024 Water and Wastewater Utility Revenue Sufficiency and Rate Report dated December 19, 2024 and additional information are available at www.rivierabch.com/government/utility. Please contact the District at (561) 845-4185 or utilities@rivierabeach.org for any further information.

A session will be available for viewing on Channel 18 and the City's social media platforms.

RivieraBeach.org /CityofRivieraBeach /CityofRivieraBeach
/RivieraBch /Riviera Beach TV

Recommended Average System Annual Percent Rate Revenue Adjustments

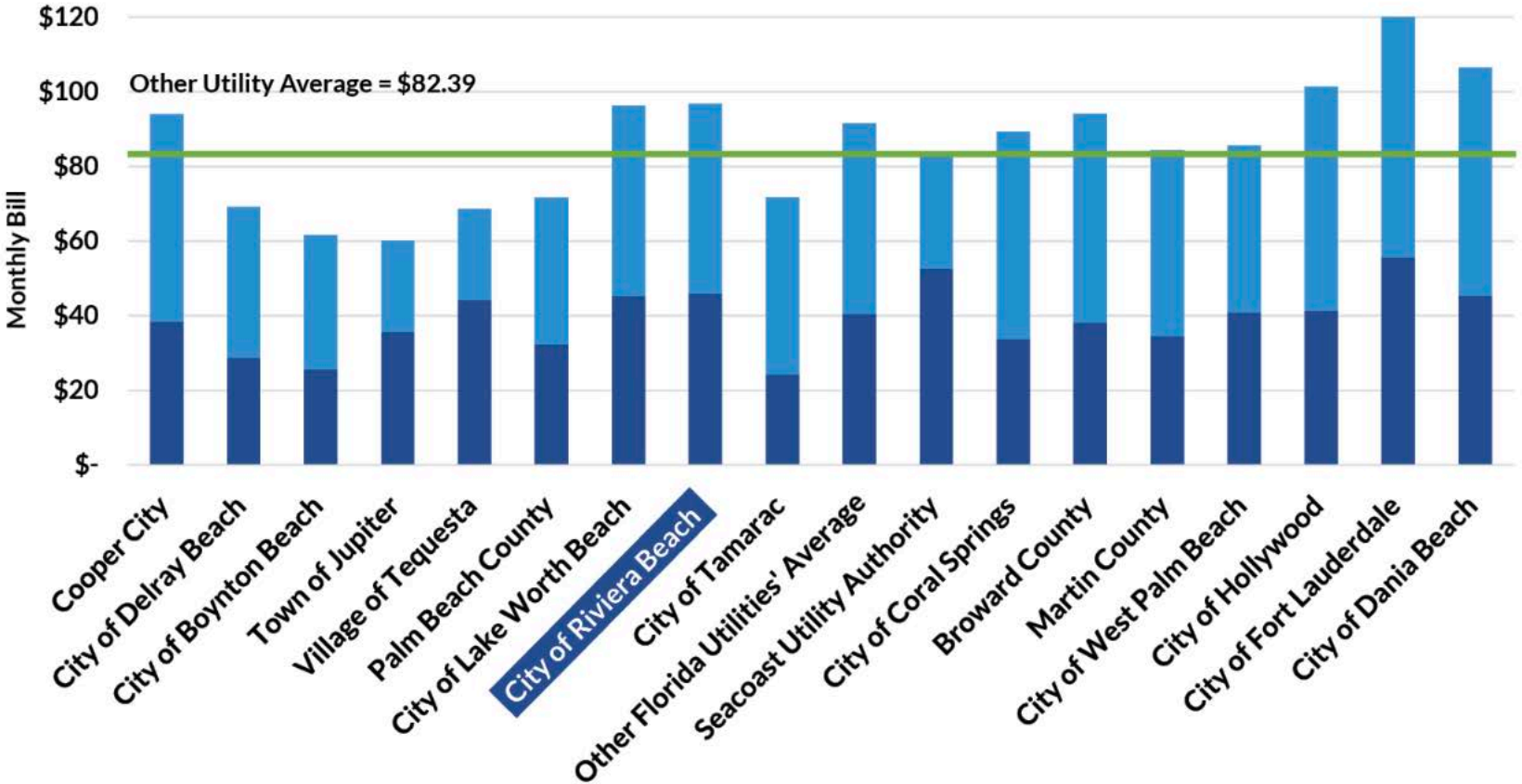
Description	Fiscal Year Ending September 30, [1]				
	2025	2026	2027	2028	2029
Water System: [2]					
Adopted [3]	10.00%	3.00%	3.00%	3.00%	0.00%
Recommended Additional [4]	0.00%	28.00%	28.00%	26.00%	26.00%
Total Water System	**10.00%**	**31.85%**	**31.85%**	**29.78%**	**26.00%**
Wastewater System:					
Adopted [3]	8.00%	3.00%	3.00%	3.00%	0.00%
Recommended Additional [4]	0.00%	3.00%	3.00%	3.00%	6.00%
Total Wastewater System	**8.00%**	**6.09%**	**6.09%**	**6.09%**	**6.00%**
Average Increase – Combined System	**8.98%**	**18.77%**	**20.17%**	**20.28%**	**18.94%**

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Comparison of Combined Monthly Water and Wastewater Residential Bills at 5,000 Gallons



Riviera Beach - Utility Special District

To:	Honorable Mayor, Chairperson and Utility Special District Board of Directors
From:	Joshua Niemann, Utility Special District Executive Director
Through:	William Wilkins, Interim City Manager
Subject:	**Discussion regarding 2026 Bond and intended purpose.**
Date:	July 14, 2026
CC:	General Public

Background:

City Goals:
The Citywide Goal is to Accelerate Operational Excellence.

Fiscal/Budget Impact:
N/A

Recommendation:
Staff recommends Mayor and Utility Special District Board receive this discussion item.

Attachments:
1. Engineers Bond Report 2026.pdf



2026 ENGINEER'S BOND REPORT (*DRAFT*)

CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT

Prepared By
Linda Mazziotti, E.I, MBA, Project Engineer and
Aleem A. Ghany, P.E., Senior Director

chenmoore

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West Palm Beach, Florida 33401
State of Florida Engineering Business

ALEEM ABDOOL GHANY LICENSE No. 55408 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aleem A. Ghany, P.E., FL Registration No. 55408

TABLE OF CONTENTS

1. Executive Summary 1-4

1.1 Purpose of Report 1-4
1.2 Existing Facilities 1-4
1.2.1 Water Supply, Treatment and distribution system 1-5
1.2.2 Wastewater Collection and Transmission System 1-6
1.3 Proposed Improvements 1-8
1.3.1 Water System Improvements 1-8
1.3.2 Wastewater System Improvements 1-9
1.4 Capital Improvement Plan 1-11
1.4.1 Bond-Funded Summary 1-13
1.5 Basis for Bond Financing 1-15
1.6 Recommendations 1-16

2. Introduction 2-1

2.1 Scope 2-1
2.2 Service Area 2-1

3. Summary of Existing Facilities 3-1

3.1 Water Distribution System 3-1
3.1.1 Water Treatment Plant 3-3
3.1.2 SAS Raw Water Supply Wells 3-10
3.1.3 Storage and Repump Facilities 3-14
3.1.4 Pipe Network and Appurtenances 3-14
3.2 Wastewater Collection and Transmission System 3-20
3.3 Wastewater Collection System - Gravity 3-22
3.3.1 Force Mains 3-26
3.3.2 Wastewater Lift Stations 3-27
3.4 CRBUSD Organization Chart 3-27

4. Population and Demand Forecasting 4-1

5. Evaluation 5-1

6. Proposed Improvements 6-1

6.1 Methodology 6-1
6.2 Water Supply, Treatment, Storage and Pumping 6-2
6.2.1 Treatment Process Alternative and Selection 6-2
6.2.2 Water Treatment Plant 6-7

6.2.3 Additional Water Supply Improvements 6-10
6.2.4 Booster Pump Station Improvements 6-11
6.3 Water Distribution System 6-14
6.3.1 Regulatory Driven Projects 6-14
6.3.2 Capacity Driven Projects 6-14
6.3.3 Renewal and Replacement Projects 6-15
6.3.4 Backflow Preventer Replacement 6-16
6.3.5 Fire Hydrant Replacement 6-17
6.3.6 Annual Large Water Meter Replacement 6-17
6.3.7 Automatic Flushing Device Replacement 6-17
6.3.8 Water Pressure Monitoring Station Replacement 6-17
6.4 Wastewater Collection and Transmission System 6-18
6.4.1 Capacity Driven Projects 6-18
6.4.2 Regulatory Driven Improvements 6-21
6.4.3 Renewal and Replacement Improvements 6-21
6.5 Project Summary 6-28
7. Regulatory Review 7-1
7.1 MWTP and Ancillary Structures Permits 7-1
7.2 Additional Water Supply Permits 7-2
7.3 Water Distribution System Permits 7-2
7.4 Wastewater Collection and Transmission System Permits 7-3
7.4.1 Wastewater Spillage Report Lift Station 47 7-3
8. Opinion of Probable Project Costs 8-1
8.1 Cost Estimating Accuracy 8-1
8.1.1 Cost Estimate Classification and Escalation Assumptions 8-1
8.2 Description of Cost Estimating Methodology 8-2
9. Capital Improvement Plan 9-1
10. Conclusion 10-1
11. References 11-1
12. Appendix 12-1

List of Figures

Figure 2-1 CRBUSD Service Area 2-2
Figure 3-1 Existing Water Distribution System 3-2
Figure 3-2 Water Treatment Plant - Existing Site Plan South 3-4
Figure 3-3 Water Treatment Plant - Existing Site Plan North 3-5
Figure 3-4 Existing SAS Raw Water Supply Wells and Transmission System 3-15
Figure 3-5 Existing Water Distribution Pipe Age 3-18
Figure 3-6 Wastewater Collection and Transmission System 3-21
Figure 3-7 Gravity Sewer R & R Locations 3-23
Figure 3-8 CRBUSD Organization Chart 3-28
Figure 6-1 Proposed Raw Water Well Locations 6-6
Figure 6-2 Proposed Location of Membrane Water Treatment Facility 6-8
Figure 6-3 Proposed Site Plan 6-9

List of Tables

Table 1-1 CIP Summary 1-12
Table 1-2 Bond Funded Series 2026 W 1-14
Table 3-1 Existing SAS Raw Water Supply Wells 3-11
Table 3-2 Water Quality Report 2024 3-13
Table 3-3 Water Main Materials 3-17
Table 3-4 Location of Automatic Flushing Devices 3-19
Table 3-5 Gravity Main Materials 3-22
Table 3-6 Force Main Materials 3-26
Table 4-1 High Population Scenario and Water Demand Projections 4-1
Table 4-2 Projected Population and Finished Water Demands 4-1
Table 6-1 Finished Water Quality Goals 6-3
Table 6-2 Water Main Pipe Length by Material 6-15
Table 6-3 CRBUSD Owned Backflow Preventors 6-16
Table 6-4 Force Main Inadequate Capacity 6-19
Table 6-5 Lift Stations with Inadequate Capacity 6-20
Table 6-6 Force Main Pipe Replacement 6-23
Table 6-7 GMP 1-7 6-26
Table 6-8 Lift Station Renewal and Replacement Projects 6-27
Table 6-9 Proposed Project Summary 6-28
Table 8-1 CIP Cost Escalation 2025-2026 8-3
Table 9-1 CIP 9-2
Table 12-1 Master Plan-CMA Project Numbers 12-1

1. EXECUTIVE SUMMARY

1.1 PURPOSE OF REPORT

This updated 2026 Engineer's Bond Report has been prepared in connection with the proposed issuance of revenue bonds by the City of Riviera Beach Utility Special District (CRBUSD). The purpose of this report is to evaluate the existing water and wastewater utility systems; assess their current condition and capacity; and identify the capital improvements necessary to meet projected service demands over a 25-year planning horizon. This Report presents:

- A description of the existing water distribution and wastewater collection and transmission systems.
- An evaluation of system performance, condition, and regulatory compliance.
- A projection of future service area growth and corresponding utility demand.
- A recommended Capital Improvement Program (CIP) designed to maintain adequate capacity, reliability, and level of service.
- An opinion as to the reasonableness and necessity of the proposed improvements for bond financing purposes.

1.2 EXISTING FACILITIES

The CRBUSD owns, operates and maintains a public water supply and wastewater collection and transmission system serving the designated service area. The utility infrastructure was largely developed in the 1950's with subsequent expansions to accommodate growth. Portions of the system are now approaching or exceeding their typical design life. Ongoing capital reinvestment is required to maintain reliable operations.

The CRBUSD provides potable water and wastewater services within approximately fifteen (15) square miles of service area encompassing multiple municipalities and serving an estimated population of 42,356. The utility infrastructure includes treatment facilities, pumping stations, transmission mains, distribution systems, collection systems, and associated appurtenances. Based on projected population growth, system demand forecasts, infrastructure age, regulatory requirements, and system vulnerability assessments, the CRBUSD has developed a prioritize capital improvement program.

The proposed projects are intended to preserve system integrity, enhance operational resilience, maintain regulatory compliance, and ensure the continued provision of reliable utility services. It is the Engineer's professional opinion that the recommended capital improvements are necessary to sustain adequate levels of service. Additionally, the proposed bond funding is appropriate to finance these improvements.

1.2.1 WATER SUPPLY, TREATMENT AND DISTRIBUTION SYSTEM

1.2.1.1 WATER SUPPLY

The CRBUSD water supply system consists of twenty-nine (29) groundwater production wells withdrawing raw water from the South Florida Surficial Aquifer System (SAS). This aquifer is the primary potable water source for Palm Beach, Broward, and Miami-Dade Counties. The aquifer is characterized by moderate to high hardness, elevated alkalinity, and the presence of naturally occurring constituents such as hydrogen sulfide, iron, and Total Organic Carbon (TOC). The production wells convey raw water to the CRBUSD water treatment plant through a system of transmission piping and raw water pumps. The wells vary in age, capacity, and mechanical condition with several facilities dating back multiple decades.

1.2.1.2 WATER TREATMENT PLANT

The CRBUSD operates a conventional lime-softening water treatment plant originally constructed in 1958. The plant utilizes a chemical softening process designed to reduce hardness (calcium and magnesium), remove iron, and improve finished water stability. The process generally includes:

- Rapid mixing and chemical addition (lime and coagulants)
- Flocculation and sedimentation
- Filtration
- Disinfection
- Finished water storage and high-service pumping

While lime softening is a proven and reliable technology, evolving regulatory requirements and changes in raw water characteristics have introduced operational challenges. Specifically:

- Elevated Total Organic Carbon (TOC) levels, when combined with chlorination, can form disinfection by-products (DBPs), including trihalomethanes (THMs) and haloacetic acids (HAAs).
- Hydrogen sulfide and iron can contribute to taste, odor, and aesthetic water quality concerns.
- Natural color and turbidity require careful process control to maintain regulatory compliance.

The plant has undergone maintenance and periodic upgrades. However, portions of the structural, mechanical, and electrical systems reflect the original age and require systematic reinvestment to ensure continued compliance with Florida Department of Environmental Protection (FDEP) and U.S. Environmental Protection Agency (EPA) drinking water standards.

1.2.1.3 WATER DISTRIBUTION SYSTEM

The treated water is distributed through approximately 188 miles of water mains serving residential, commercial, industrial and institutional customers throughout the CRBUSD service area.

The water distribution system includes:

- Water mains of varying diameters
- Service lines and customer meters
- Fire hydrants
- Valves and air-release assemblies
- Backflow prevention devices
- Repump station and storage tank at the North Singer Island Fire Station Facility
- Repump station and storage tank at the Avenue C Facility Repump station and storage tank at the Avenue U Facility

Portions of the distribution network were installed in the 1950s and 1960s and include legacy materials. Aging infrastructure increases the potential for main breaks, leakage, reduced fire flow capacity, and water quality degradation due to tuberculation or internal corrosion in metallic pipes.

The CRBUSD continues to implement rehabilitation and replacement projects. However, sustained capital investment is necessary to address deferred maintenance and ensure system reliability over the long term.

1.2.2 WASTEWATER COLLECTION AND TRANSMISSION SYSTEM

The CRBUSD wastewater system consists of a comprehensive gravity collection network and force main transmission system designed to convey wastewater from customers to downstream treatment facilities.

COLLECTION SYSTEM

The gravity collection system includes:

- Over 200 miles of gravity sewer and force main piping
- Seventy-six (76) lift stations (CRBUSD owned and privately owned)
- Manholes and cleanouts
- Service laterals

The collection system contains a variety of pipe materials reflecting different installation eras, including:

- Asbestos Cement (AC)
- Cast Iron (CI)
- Ductile Iron (DI)
- Polyvinyl Chloride (PVC)
- Vitrified Clay Pipe (VC)
- Unknown or undocumented materials in older segments

Much of the wastewater infrastructure dates back to the 1950s and 1960s. As a result, segments of the system are experiencing age-related deterioration. The deterioration includes corrosion, joint failures, root intrusion, infiltration and inflow (I&I), and structural deficiencies.

PUMPING AND TRANSMISSION

The CRBUSD operates 76 lift stations that pump wastewater from low-lying areas into the force main transmission system. These facilities include:

- Submersible or dry-pit pumps
- Wet wells
- Electrical control panels
- Emergency power provisions (varies by site)
- Telemetry and monitoring systems

Several lift stations and force mains have reached or exceeded their intended service life. Aging mechanical and electrical equipment increases the risk of operational failures, sanitary sewer overflows (SSOs), and regulatory non-compliance if not proactively rehabilitated or replaced. One (1) Lift Station SSO was reported to FDEP at Lift Station 48.

Force mains, particularly older asbestos cement and cast iron pipelines, are susceptible to corrosion, joint separation, and structural weakening. These risks are compounded with South Florida's high groundwater table and corrosive soil conditions.

SYSTEM AGE AND INFRASTRUCTURE CONDITION

Both the water and wastewater systems contain assets that were originally installed in the 1950s. While maintenance programs have extended the service life of many components, the age profile of the infrastructure necessitates a structured capital improvement strategy focused on:

- Rehabilitation and replacement of aging pipelines
- Lift station modernization
- Treatment plant upgrades
- Regulatory compliance improvements
- System resiliency enhancements

The condition and age of the existing facilities form the basis of the capital improvement program described later in this Report and support the need for long-term bond financing to maintain safe, reliable, and compliant utility operations.

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1.3 PROPOSED IMPROVEMENTS

The CRBUSD has developed a comprehensive Capital Improvement Program addressing system-wide needs across the water supply, treatment, pumping, distribution, and wastewater collection and transmission systems.

The proposed improvements are driven by the following factors:

- Capacity limitations associated with projected population growth and system demand
- Regulatory compliance requirements and evolving drinking water standards
- Aging infrastructure requiring renewal and replacement
- Operational resiliency and reliability enhancements
- Long-term asset management and lifecycle cost considerations

The recommended improvements are necessary to maintain regulatory compliance, sustain adequate levels of service, and ensure the continued delivery of safe and reliable water and wastewater services throughout the CRBUSD service area.

1.3.1 WATER SYSTEM IMPROVEMENTS

New Membrane Water Treatment Facility

The CRBUSD proposes the construction of a new membrane water treatment facility with an initial treatment capacity of 14.0 million gallons per day (MGD) and expandable to 16.0 MGD to accommodate future growth. The proposed facility will replace or supplement the existing conventional lime-softening plant. The proposed facility will incorporate advanced membrane treatment technology designed to address the specific groundwater quality characteristics of the South Florida surficial aquifer. Membrane treatment provides enhanced removal of:

- Total Organic Carbon (TOC)
- Iron and color
- Turbidity
- Pathogens and particulates
- Disinfection by-product precursors

The implementation of membrane technology is anticipated to:

- Improve finished water quality and aesthetic characteristics
- Reduce reliance on chemical softening processes
- Decrease the formation potential of disinfection by-products (e.g., THMs and HAAs)
- Improve operational efficiency and process control
- Enhance regulatory compliance under current and anticipated drinking water standards

The expandable design provides long-term flexibility, allowing CRBUSD to meet projected water demand increases associated with population growth and service area development.

Additional Water System Improvements

In addition to the new treatment facility, the water system Capital Improvement Program includes:

- Rehabilitation and replacement of aging production wells
  - Wellfield Master Plan is ongoing to identify which production wells should be abandoned, relocated or kept in service
- Upgrades to raw water transmission piping
- High-service pumping system upgrades
- Storage tank rehabilitation and recoating
- Distribution main replacement and upsizing in targeted areas
- Valve Exercising Program
- Hydrant Flushing Program
- Supervisory Control and Data Acquisition (VTSCADA) modernization implementation
- Electrical and backup power generator improvements for resiliency
- Resiliency Upgrades
- Meter Replacement Program
  - AMR System Replacement

These improvements are intended to enhance system reliability, maintain fire flow capacity, reduce water losses, and improve overall operational performance.

1.3.2 WASTEWATER SYSTEM IMPROVEMENTS

The wastewater improvements are focused on mitigating risks associated with aging infrastructure, regulatory compliance, system capacity constraints, and infiltration and inflow.

Planned wastewater system improvements include:

- Rehabilitation and replacement of aging gravity sewer mains
  - Lining or replacing about 29,300 LF
- Lift station rehabilitation and upgrades including pump replacement and electrical improvements
  - 4-6 Lift Stations per year
  - CMA is creating a Lift Station Prioritization List
- Installation or enhancement of emergency power systems at critical facilities
  - Six (6) Additional Portable Generators are incoming
- Structural rehabilitation of manholes and appurtenances
- Implementation of I&I programs commencing on Singer Island and throughout the collection system
- VTSCADA and telemetry system enhancements
  - Transitioning from radio frequency to cellular system and using radio frequency system as backup

These improvements are designed to:

- Reduce the risk of sanitary sewer overflows (SSOs)
- Improve system hydraulic performance
- Extend asset service life
- Enhance regulatory compliance
- Improve system resiliency during storm events and high groundwater conditions

Both the C-17 Canal Force Main and M-Canal Force Main replacements are completed projects.

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1.4 CAPITAL IMPROVEMENT PLAN

Table 1-1 presents a summary of Capital Improvement Projects (CIP) categorized by type across a five (5) year horizon.

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Table 1-1 CIP Summary

Type	2026	2027	2028	2029	2030	2026-2030
Water Supply, Treatment, Storage and Pumping	$ 91,045,757	$ 237,906,021	$ 76,814,729	$ 901,150	$ 5,457,080	$ 412,124,738
Water Distribution System	$ 24,297,680	$ 2,377,500	$ 2,182,000	$ 2,315,650	$ 2,552,200	$ 33,725,030
Water Distribution System/ Wastewater Collection and Transmission Systems	$ 8,537,732	$ 2,283,250	$ 2,265,250	$ 2,273,250	$ 2,281,500	$ 17,640,982
Wastewater Collection and Transmission Systems	$ 60,563,651	$ 9,264,000	$ 3,170,800	$ 2,232,980	$ 2,350,660	$ 77,582,091
Wastewater Collection and Transmission Systems - Gravity	$ -	$ -	$ -	$ -	$ -	$ -
Project Total	**$ 184,444,821**	**$ 251,830,771**	**$ 84,432,779**	**$ 7,723,030**	**$ 12,641,440**	**$ 541,072,842**

1.4.1 BOND-FUNDED SUMMARY

Several CIP's are slated to be funded by the Series 2026 Bonds. The improvements are throughout the water and wastewater distribution systems. Water and wastewater distribution improvements are planned that include Intracoastal watermains, emergency generators, and lift station rehabilitation. ***Table 1-2*** aggregates the bond funded improvements.

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Table 1-2 Bond Funded Series 2026 W

Type	Funding	2026	2027	2028	2029	2030	2026 - 2030
Water Supply, Treatment, Storage and Pumping	Series 2026 W	$ 84,876,477	$ 236,803,311	$ 75,931,179	$ -	$ -	$ 397,610,967
Water Distribution System	Series 2026 W	$ 18,350,000	$ -	$ -	$ -	$ -	$ 18,350,000
Water Distribution System/ Wastewater Collection and Transmission Systems	Series 2026 W	$ -	$ -	$ -	$ -	$ -	$ -
Wastewater Collection and Transmission Systems	Series 2026 W	$ 29,674,448	$ 1,030,000	$ 1,061,000	$ -	$ -	$ 31,765,448
Wastewater Collection and Transmission Systems - Gravity	Series 2026 W	$ -	$ -	$ -	$ -	$ -	$ -
Project Total		**$ 132,900,925**	**$ 237,833,311**	**$ 76,992,179**	**$ -**	**$ -**	**$ 447,726,415**

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1.5 BASIS FOR BOND FINANCING

The proposed capital improvements represent necessary investments to preserve system integrity, maintain regulatory compliance, and ensure adequate capacity for existing and future customers. The scale and multi-year nature of the Capital Improvement Program warrants long-term financing through revenue bonds to distribute costs across current and future system users. It is the Engineer's professional opinion that the proposed improvements are reasonable, necessary, and consistent with prudent utility management practices.

The CRBUSD proposed improvements span components of the entire water supply, treatment, pumping, distribution and wastewater collection and transmission systems. The supporting reasons to implement the improvements are inadequate capacity, regulatory deficiencies, and renewal and replacement needs of aging infrastructure.

Construction of a new membrane water treatment plant (MWTP) is proposed to process 14 million gallons per day with an ability to expand in the future to 16 million gallons per day. The new MWTP will utilize state of the art technology to process the known problematic groundwater supply serving the customers. The result will improve water quality, increase capacity, decrease chemical usage and by-products. The proposed technology will aid in meeting current and future regulatory drinking water compliance. Additionally, the CRBUSD will continue to provide a reliable level of service to meet the water demands of an increasing population.

A list of improvements to be constructed, installed, upgraded, in compliance, or replaced are as follows:

<u>Water System Improvements</u>

Construct Water Supply Wells
New Membrane Water Treatment Plant
CRBUSD Administration and Facility Personal
Water Mains & Pipe Network
Fire Hydrants
Water Meters
Emergency Power

<u>Wastewater System Improvements</u>

Booster Pump Upgrades
Deep Injection Well for Concentrate Disposal
Intracoastal Crossing Water Mains
Emergency Power
Power Surge Protection
Force Mains
Gravity Sewer Lines
Lift Station Replacement
Lift Station - Valves, Pumps, Motors, Upgrades
VTSCADA

1.6 RECOMMENDATIONS

Chen Moore and Associates, Inc. recommends the proposed capital improvements outlined in the Engineer's Bond Report. The reasons are supported by the accompanying summary of technical information and water demand forecasts.

The Engineer's Bond report reviewed technical information provided by other consultants, such as past reports, technical memorandums, hydraulic modeling results, capital improvement cost estimates, CRBUSD staff recommendations and data, population and water demand forecasts. Additionally, Chen Moore and Associates produced technical memorandums for ongoing capital improvement work contracted by the CRBUSD, which was also referenced.

The mission of the CRBUSD is to provide a reliable water and wastewater level of service to the customers. The system has many components that require maintenance and oversight. There comes a time when technology becomes obsolete, infrastructure fails, regulatory standards change, and capacity no longer meets demand. The CRBUSD has been operating with pipe networks installed more than seventy (70) years ago. The water treatment plant was constructed in 1958 and utilizes technology suitable for its time. Portions of the service area are not in compliance with regulatory standards or with anticipated standards.

The population and water demand forecasts show the need for a greater capacity water treatment plant utilizing more efficient processing technology. A priority should be made to fund the project to support the mission of the CRBUSD.

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2. INTRODUCTION

This Engineer's Bond Report provides a summary of the existing water supply, water treatment, wastewater transmission, and wastewater collection systems serving the CRBUSD. The report also presents the CRUBSD CIP and identifies applicable regulatory requirements governing the utility systems.

Chen Moore and Associates, Inc. (CMA) prepared this Engineer's Bond Report to support the CRBUSD in its efforts to obtain bond financing for planned capital improvements within the utility service area. The report evaluates the condition and capacity of the existing systems, outlines proposed infrastructure improvements, and provides an engineering basis for the planned investments necessary to maintain reliable and compliant utility services.

2.1 SCOPE

CMA conducted a review of the CRBUSD CIP to evaluate whether the planned improvements adequately address the current and projected needs of the water and wastewater systems. This review included an evaluation of existing planning documents, engineering studies, and previously prepared improvement reports to confirm that necessary projects are incorporated into the CIP.

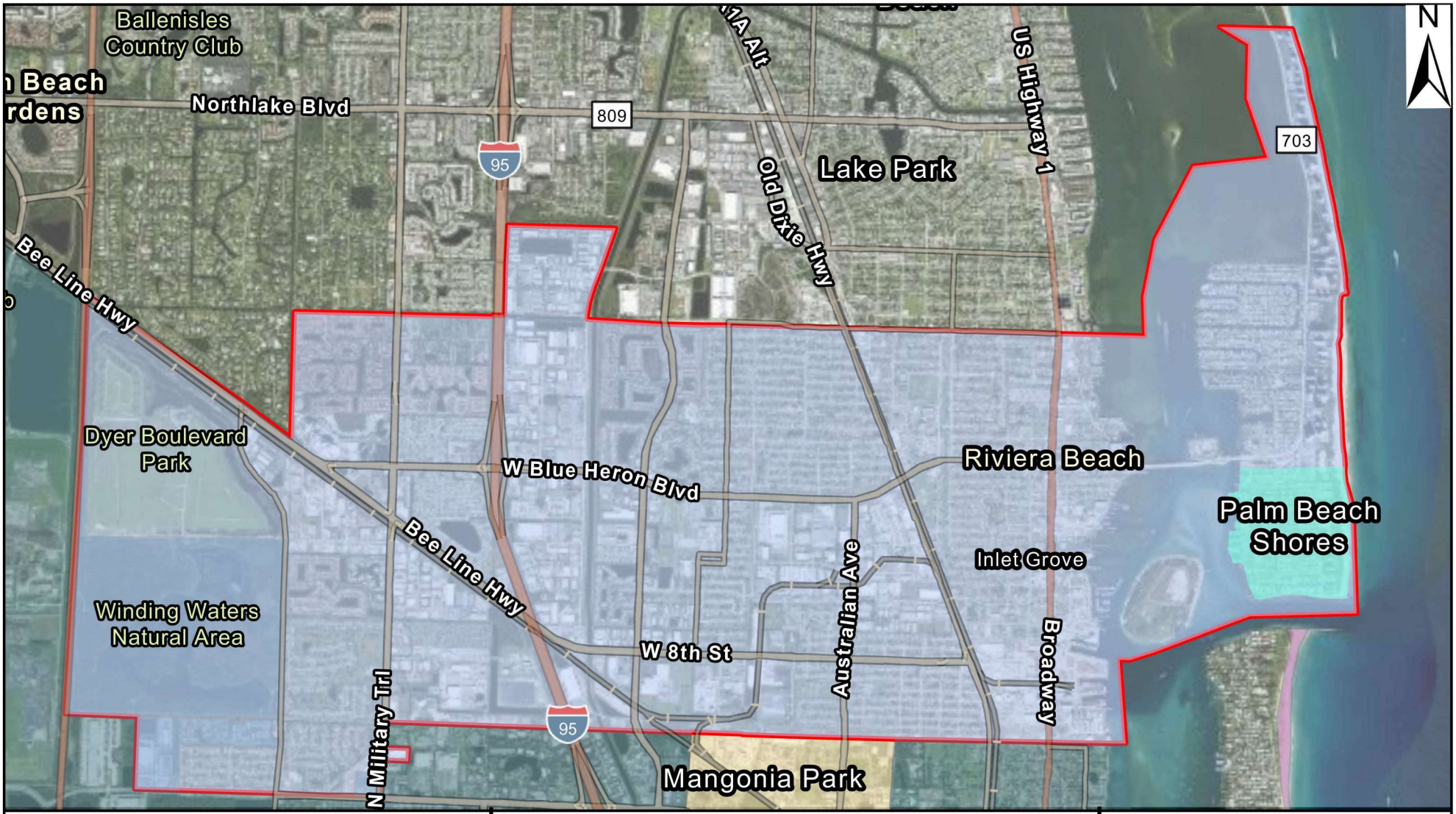
CMA relied upon technical analyses and recommendations contained in reports prepared by various consultants, including hydraulic modeling studies, system vulnerability assessments, engineering design reports, cost estimates, and population and water demand forecasts. In addition, CMA evaluated applicable federal, state, and local regulatory requirements to determine whether the proposed improvements are consistent with regulatory compliance obligations for the CRBUSD utility systems.

2.2 SERVICE AREA

The CRBUSD provides potable water and wastewater services to an area encompassing approximately 15 square miles. The service area includes the City of Riviera Beach as well as portions of the Town of Palm Beach Shores, the City of West Palm Beach, the Town of Mangonia Park, and unincorporated Palm Beach County (see ***Figure 2-1***).

The CRBUSD utility system currently serves a population of approximately 42,356 residents, providing water service, wastewater service, or both, within the CRBUSD's jurisdiction.

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Legend

- CRBUSD Service Area
- Port of Palm Beach
- Town of Palm Beach Shores
- Town of Mangonia Park
- City of West Palm Beach
- City of Riviera Beach

CRBUSD Service Area

Figure 2-1

0 0.5 1 Miles

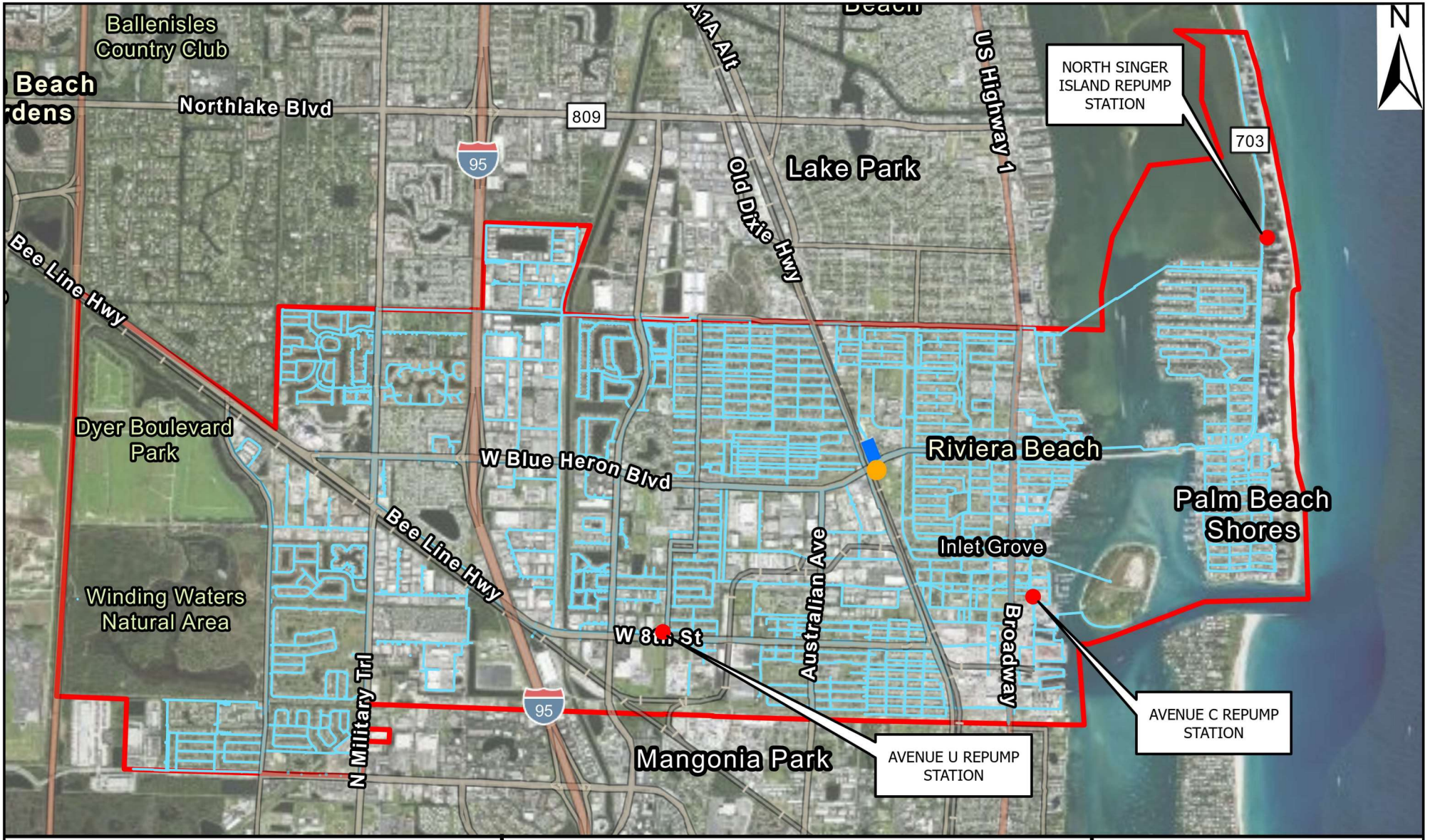
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3. SUMMARY OF EXISTING FACILITIES

3.1 WATER DISTRIBUTION SYSTEM

The CRBUSD water system consists of a groundwater supply, water treatment facilities, finished water storage, pumping facilities, and a distribution network that delivers potable water throughout the service area. The major system components include one (1) WTP, groundwater supply wells, water distribution piping, finished water storage facilities, and repumping stations. This section summarizes the primary components and operational characteristics of the existing water treatment and distribution infrastructure. ***Figure 3-1*** Existing Water Distribution System shows the existing water distribution system.

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Legend

- CRBUSD Service Area
- Water Main
- WTP
- Water Storage Tank for WTP
- Repump Stations

Existing Water Distribution System

Figure 3-1

0 0.5 1 Miles

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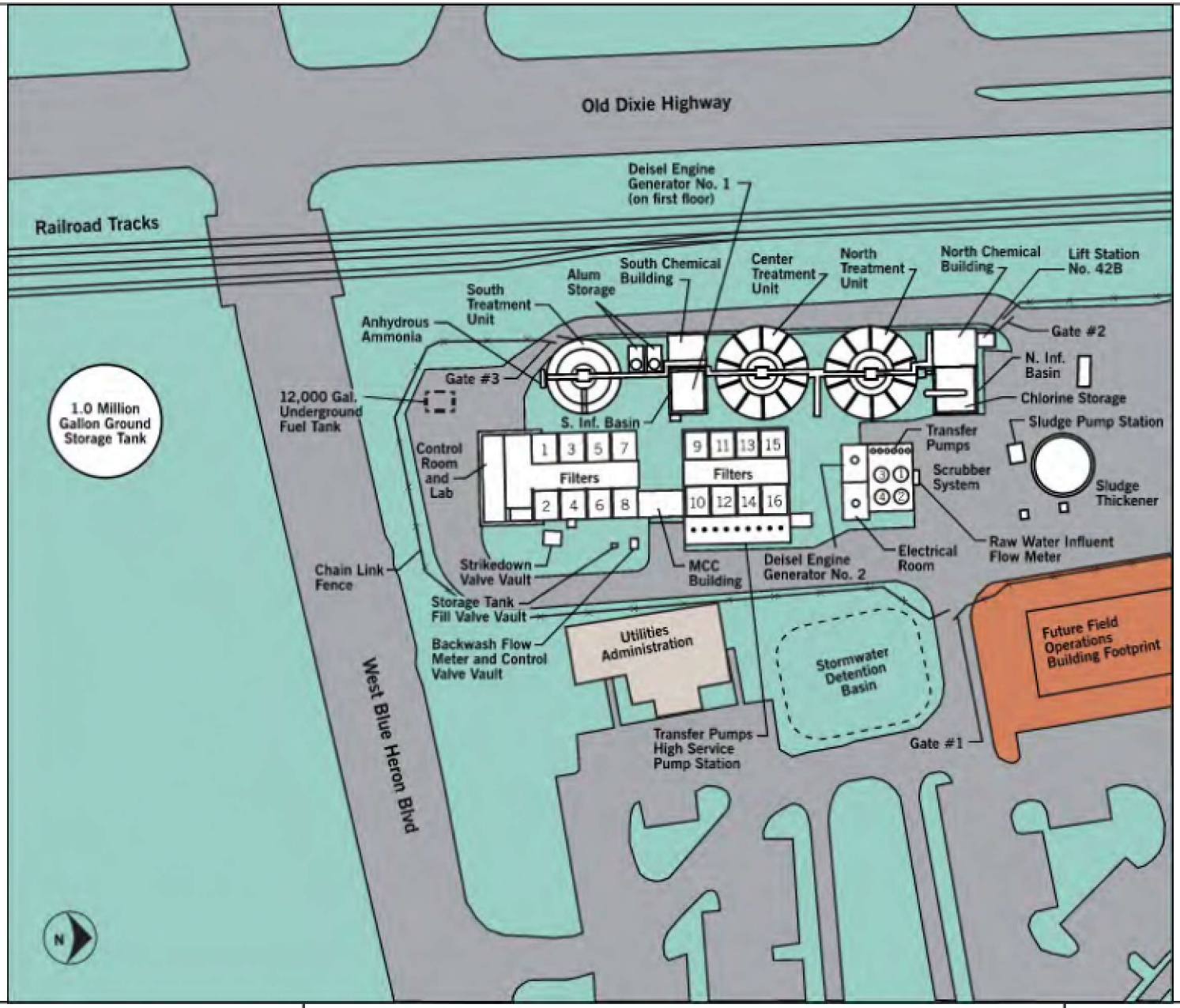
3.1.1 WATER TREATMENT PLANT

The CRBUSD WTP, located at 2391 Avenue L, Riviera Beach, Florida, was originally constructed in 1958 and has undergone various upgrades and equipment replacements since that time. The facility has a permitted treatment capacity of 17.5 million gallons per day (MGD). The WTP utilizes a conventional treatment process consisting of packed tower aeration (scrubbing), aeration basins, lime softening, filtration, disinfection, finished water storage, and high service pumping to deliver treated water to the distribution system.
Primary treatment and pumping components include:

- Four (4) packed tower scrubbers
- Two (2) aeration basins
- Three (3) lime softening treatment units
- Sixteen (16) gravity filters
- Two (2) interconnected clearwells
- Two (2) vertical turbine transfer pumps
- Seven (7) vertical turbine high service pumps

Figure 3-2 and ***Figure 3-3*** provide the site plans for the existing WTP located at 2391 Avenue L, Riviera Beach, Florida.

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Reference: CRBUSD Water and Wastewater Master Plan, Hazen and Sawyer Environmental Engineers and Scientists

Legend

Area Reserved for Future Utility Field Operations Building

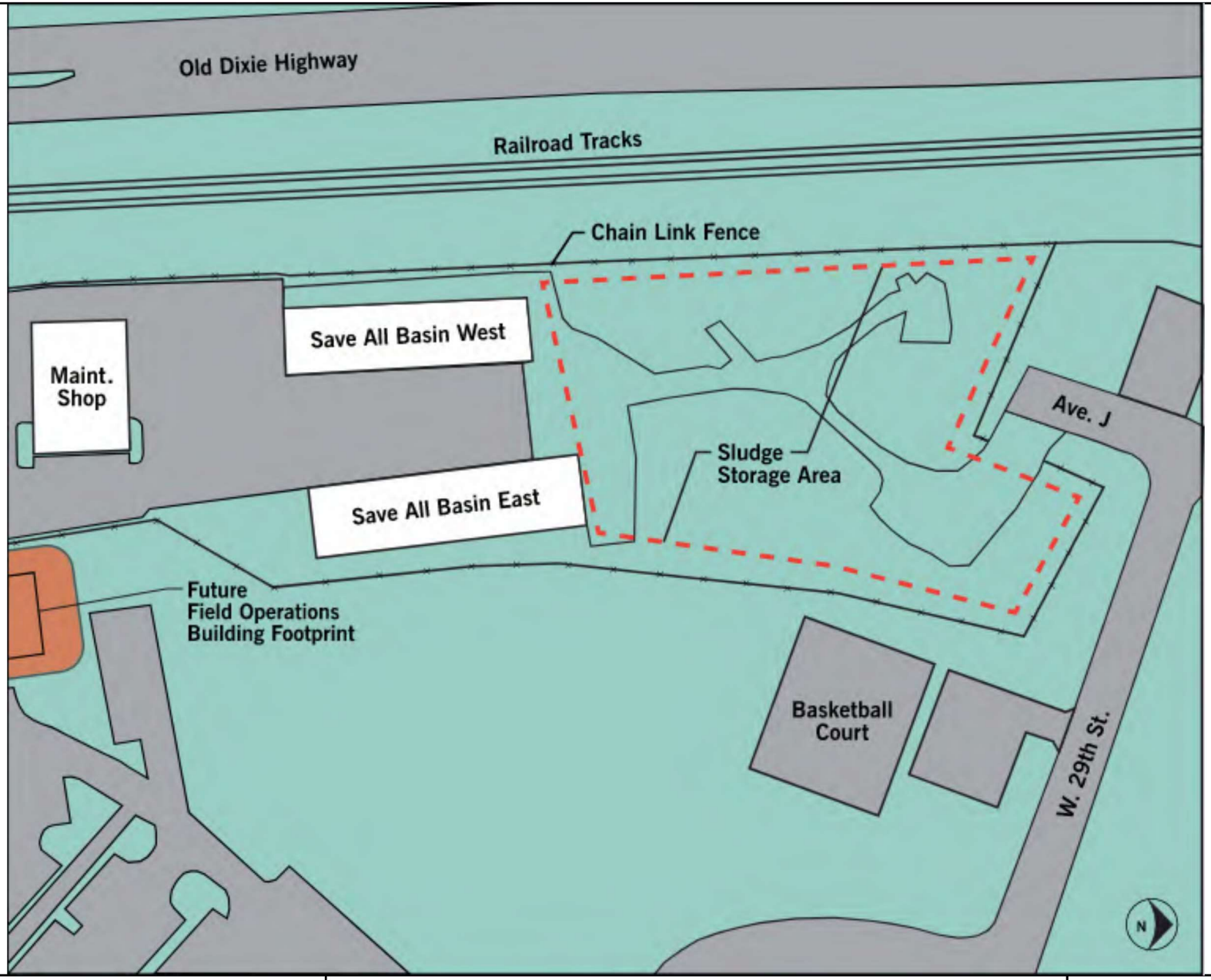
Water Treatment Plant - Existing Site Plan South

Figure 3-2

Approximate Scale 1" = 120'

0 50 100 200 Feet

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Reference: CRBUSD Water and Wastewater Master Plan, Hazen and Sawyer Environmental Engineers and Scientists

Legend

Area Reserved for Future Utility Field Operations Building

Water Treatment Plant - Existing Site Plan North

Figure 3-3

Approximate Scale 1" = 120'

0 50 100 200 Feet

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3.1.1.1 RAW WATER TRANSFER PUMPS

Six (6) raw water transfer pumps convey groundwater from the supply wells to the treatment process. These pumps deliver raw water to the scrubber system, which provides initial treatment for volatile contaminants. The existing transfer pumps were installed in 1988 and remain in service.

3.1.1.2 SCRUBBER SYSTEM

Raw groundwater entering the treatment facility is routed through a packed tower scrubber system designed to remove volatile organic compounds (VOCs). The scrubber system was installed in 1986 in response to VOC contamination identified in the groundwater supply during the 1960s. Although subsequent raw water sampling conducted in 2008 indicated VOC concentrations below regulatory limits, the scrubber system continues to operate as a precautionary treatment measure to ensure continued regulatory compliance.

3.1.1.3 LIME SOFTENING TREATMENT UNITS

The WTP utilizes lime softening to remove hardness from the groundwater supply. Three (3) lime softening treatment units were constructed between 1957 and 1979, with a combined treatment capacity of 17.5 MGD. While hardness does not pose a direct health risk, elevated hardness levels can cause mineral scaling within distribution piping and plumbing systems. The lime residual solids handling system, which manages the by-products generated during the softening process, has been non-operational since 1997.

3.1.1.4 CHEMICAL APPLICATION SYSTEMS

The treatment process utilizes several chemical systems including lime storage and feed systems for softening, disinfection systems for pathogen control, and alum and polymer feed systems for process optimization. Many components of the chemical feed systems were installed several decades ago and have reached or exceeded their estimated useful service life. The chlorination system was originally installed in 1979 and continues to operate with supplemental operational measures.

3.1.1.5 FILTRATION SYSTEM

Following the softening process, treated water flows through sixteen (16) gravity filters located above the plant clearwell storage structure. These filters provide removal of suspended solids and residual treatment by-products prior to finished water storage. The oldest filters currently in operation were constructed in 1957.

3.1.1.6 HIGH SERVICE PUMPING SYSTEM

Finished water from the clearwell is pumped to the distribution system by the high service pumping system consisting of seven (7) vertical turbine pumps with a combined maximum pumping capacity of approximately 25,000 gallons per minute (GPM). These pumps were installed beginning in 1979. In addition, two (2) vertical turbine transfer pumps convey finished water from the clearwell to the off-site storage tank. When operating together, these pumps provide a total transfer capacity of approximately 5,750 GPM. The transfer pumps were replaced in 1996.

3.1.1.7 ON-SITE STORAGE

The WTP includes a 1.0-million-gallon concrete ground storage tank used for finished water storage prior to distribution. The storage tank was constructed in 1965 and is located at the Wells Recreation Center site south of Blue Heron Boulevard. This storage facility provides operational balancing and short-term storage capacity for the water treatment plant.

3.1.1.8 EMERGENCY BACKUP POWER AND ELECTRICAL CONTROL SYSTEM S

The existing WTP is supported by multiple standby power sources and electrical control systems to maintain operational reliability during power outages. Emergency power is currently provided by two (2) diesel engine generators. The primary standby generator is a 1,000-kilowatt (kW) diesel unit installed in 1992, which is supplemented by a 250 kW diesel generator installed in 1988. These generators provide backup power to maintain critical treatment and pumping operations during utility power interruptions.

The plant electrical distribution system is controlled through three (3) motor control centers (MCCs), with the oldest unit installed in 1979. These MCCs distribute power to major process equipment including pumps, chemical feed systems, and treatment process controls.

Automation and operational control of plant processes are managed through the plant Supervisory Control and Data Acquisition (SCADA) system. SCADA controls the electromechanical equipment throughout the facility. The system utilizes seven (7) programmable logic controllers (PLCs) installed at strategic locations throughout the WTP to monitor system performance and automate treatment operations and efficiency.

3.1.1.9 OVERALL CONDITION AND OPERATION LIMITATIONS

The CRBUSD WTP has been in operation for more than six (6) decades. Although routine maintenance and limited upgrades have allowed the facility to remain operational, many major treatment and mechanical components have reached or exceeded their expected service life. Several treatment processes, including the lime residual solids handling system and portions of the chemical feed infrastructure, are outdated or no longer fully functional.

Additionally, portions of the treatment process were constructed using design standards and regulatory criteria that predate current FDEP drinking water requirements. As a result, continued operation of the facility requires increasing maintenance effort and operational adjustments. These limitations support the need for the capital improvements identified in the CRBUSD CIP, including modernization of treatment infrastructure to improve reliability, operational efficiency, regulatory compliance, and long-term system capacity.

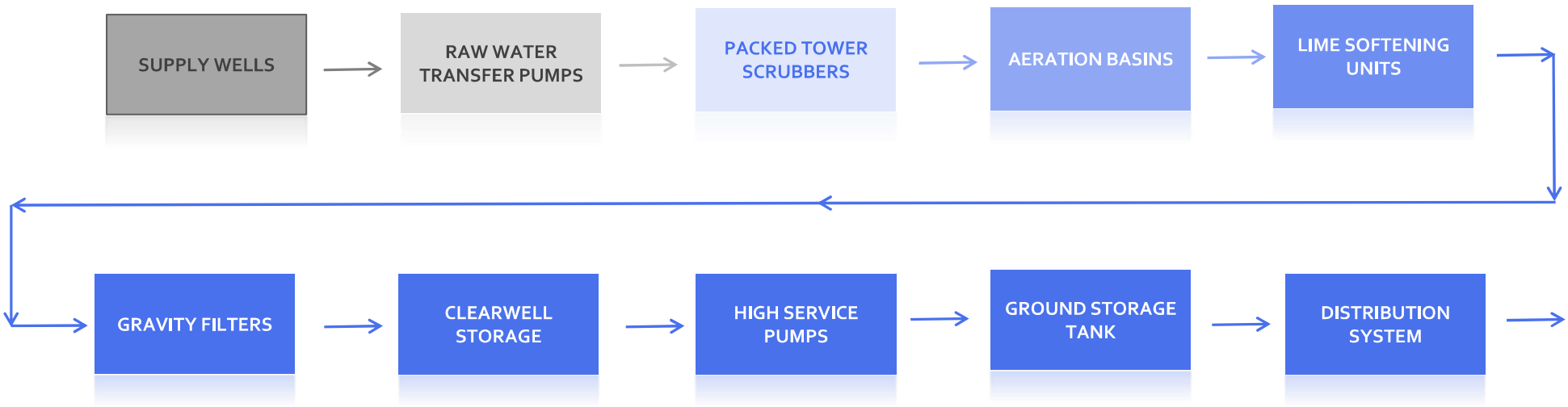
CRBUSD WTP Process Schematic

The schematic diagram below illustrates the primary treatment and pumping processes at the CRBUSD WTP. Raw groundwater is pumped from the supply wells and conveyed to the treatment plant through the raw water transfer pumps. The water then passes through packed tower scrubbers for removal of volatile organic compounds (VOCs) followed by aeration. Lime softening is applied to reduce hardness, after which the treated water flows through gravity filters for additional solids removal. The filtered water is stored in the clearwell before being pumped by the high service pump station to the ground storage tank. Subsequently, the filtered water is distributed throughout the potable water distribution system. On the following page, the CRBUSD WTP Process Schematic illustrates the existing water treatment from supply wells to the distribution system.

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CRBUSD WTP PROCESS SCHEMATIC

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Riviera Beach

3.1.2 SAS RAW WATER SUPPLY WELLS

The CRBUSD raw water supply pulls from the Surficial Aquifer System (SAS) with a total of twenty-nine (29) wells located within an Eastern Wellfield and a Western Wellfield. The Eastern Wellfield consists of eighteen (18) existing wells. The Western Wellfield contains eleven (11) existing wells. Well ID #2004 replaced the abandoned Well ID #17. The well operation is in rotation to reduce aquifer saltwater intrusion. The wells were constructed from the 1960's to 2004. ***Table 3-1*** illustrates the parameters of the existing SAS raw water supply wells within the service area.

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Table 3-1 Existing SAS Raw Water Supply Wells

Existing Raw Water Wells			
Well ID	Total Depth (ft)	Location	Comments
1	224	800 W. Blue Heron Blvd. (WTP Site)	In Service
4	220	801 W. Blue Heron Blvd. (WTP Site)	In Service
5A	198	802 W. Blue Heron Blvd. (WTP Site)	In Service
6	238	803 W. Blue Heron Blvd. (WTP Site)	In Service
7	210	2409 Avenue "H" W (Served from WTP)	In Service
9A	180	2300 Avenue R # Well A9	In Service
10A	230	2400 Avenue R # Well A10	In Service
12A	220	Blue Heron Blvd. and Ave "O"	In Service
13	233	299 Avenue J # Well -13 East	In Service
14	220	KN53849 (Wells Recreation by baseball Field)	out of service, had new pump/motor installed, should be back in service 3/4
15	227	KN59530 (200 "H" Ave.) (League Field on Ave. H)	In Service
16	240	3100 Avenue I Pump	In Service
17	245	3137 Avenue J # Well-17	abandoned and replaced with Well 2004
18	220	703 W 29th Street # Well-18	In Service
21	205	West of Ave "S" & South of Blue Heron Blvd	In Service
801	225	1490 W Martin Luther King Blvd.	out of service as of 3/1, needs to be evaluated
802	165	2461 Port West Blvd. # Well-802	out of service, waiting for centerline to acidize the well
803	155	6301 N Military Trail # Well - 803	In Service
805	190	Port Road #PMP end of Road W.	out of service, no power, possibly relocating this well (FPL yard)
851	133	4699 45th Street # Well - 805	In Service
852	134	4851 45th Street # Well-852	In Service
861	115	5821 Parke Avenue # Well-861 (Across from this address)	out of service, well is being evaluated by Globaltech
862	142	5661 Parke Avenue # Well-862	In Service
871	130	5201 Parke Avenue # Well-871	out of service, waiting on 10 day bact clearance
921	120	5766 Park Avenue # Well-921 (Across from this address)	In Service
922	120	5766 Park Avenue # Well-922	out of service, well is being evaluated by Globaltech
961	150	6000 North Military Trail	In Service
2004	175	behind 1295 Rosegate Blvd.	In Service, replaced abandoned Well 17
2015A	170	1709 W. 30th Street	In Service
2015B	170	1736 Martin Luther King, Jr. Blvd	In Service

South Florida SAS groundwater is known to contain calcium and alkalinity with some hydrogen sulfide, iron and Total Organic Carbon (TOC) throughout the counties of Palm Beach, Broward and Miami-Dade. Water chlorination with TOC yields disinfection by-products, such as trihalomethanes (THM) and haloacetic acids (HAA). Further, the water demonstrates a measure of cloudiness or turbidity. More than conventional filtration, advanced water treatment methods are beneficial in removing these water quality by-products.

The most recent City of Riviera Beach source water assessment was performed by the FDEP in 2024. The assessment resulted in the Water Quality Report, which identified thirty-four (34) potential sources of contamination with low to moderate susceptibility level. No contaminates were found to exceed the action level designated by the FDEP. The results are referenced on the City of Riviera Beach website under the 2024 Annual Drinking Water Quality Report for Public Water Source (PWS) ID #4501224. Refer to ***Table 3-2.***

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Table 3-2 Water Quality Report 2024

Contaminant & Unit of Measurement	Contamination Type	Sampling Dates (Month/Year)	MCL Violation (Yes/No)	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Radium 226 + 228 (pCi/L)	Radioactive	12/2020	No	No	No	No	No	Erosion of Natural Deposits
Barium (ppm)	Inorganic	05/2023	No	0.0051	N/A	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	Inorganic	05/2023	No	0.1500	N/A	4	4	Erosion of natural deposits; discharge from fertilizer and aluminum factories; water additive which promotes strong teeth when at the optimum level of 0.7
Nitrate (Nitrogen ppm)	Inorganic	06/2024	No	0.6100	N/A	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite (Nitrogen ppm)	Inorganic	06/2024	No	0.0380	N/A	1	1	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Sodium (ppm)	Inorganic	05/2023	No	25.6000	N/A	N/A	160	saltwater intrusion, leaching from soil
Disinfectant or Contaminant & Unit	**Contamination Type**	**Sampling Dates (Month/Year)**	**MCL or MRDL Violation (Yes/No)**	**Level Detected**	**Range of Results**	**MCLG or MRDLG**	**MCL or MRDL**	**Likely Source of Contamination**
Chlorine (ppm)	Stage 1 Disinfectants	Monthly 2024	No	2.90	0.27 - 4.27	MRDLG = 4	MRDL = 4	Water additive used to control microbes
Total trihalomethanes (TTHM) (ppb)	Stage 2 Disinfection by-products	Quarterly 2024	No	16.45	7.90 - 28.00	N/A	MCL = 80	By-product of drinking water disinfection
Haloacetic Acids (HAA5) (ppb)	Stage 2 Disinfection by-products	Quarterly 2024	No	16.76	4.60 - 26.20	N/A	MCL = 60	By-product of drinking water disinfection
Contaminant & Unit of Measurement	**Contamination Type**	**Sampling Dates (Month/Year)**	**Action Level Exceeded Yes/No)**	**90th Percentile Result**	**No. of Sampling Sites Exceeding the Action Level**	**MCLG**	**Action Level**	**Likely Source of Contamination**
Copper (tap water) (ppm)	Lead & Copper	08/2023	No	0.101	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (tap water) (ppb)	Lead & Copper	08/2023	No	2.400	0	0	15	Corrosion of household plumbing systems; erosion of natural deposits

Notations:
MCL - Maximum Contaminant Level
MCLG - Maximum Contaminant Level Goal
MRDL - Maximum Residual Disinfectant Level
MRDLG - Maximum Residual Disinfectant Level Goal
pCi/L - picocurie per liter

3.1.3 STORAGE AND REPUMP FACILITIES

The CRBUSD water distribution system includes three (3) repump stations equipped with associated water storage facilities that provide system pressure stabilization and operational storage. The following projects are currently in process of being replaced, which are the North Singer Island Repump Station, Avenue C Repump Station and Avenue U Repump Station.

These facilities play a critical role in maintaining adequate system pressure and distribution capacity throughout the service area. The storage tanks provide operational buffering by storing treated water, allowing the distribution system to meet peak demand conditions independent of real-time production at the water treatment plant.

The repump stations draw water from a one million gallon concrete ground storage tank (GST), which provides equalization storage and operational reserve. Water levels and system pressures within the storage tanks and repump facilities are monitored and controlled remotely from the WTP through the supervisory control system.

Each repump station is equipped with standby diesel engine generators to maintain pumping operations during electrical power interruptions. Major equipment installations at the repump stations occurred between 1997 and 2010. In addition, rechlorination facilities are provided at the Avenue U Repump Station to maintain appropriate disinfectant residuals within the distribution system.

3.1.4 PIPE NETWORK AND APPURTENANCES

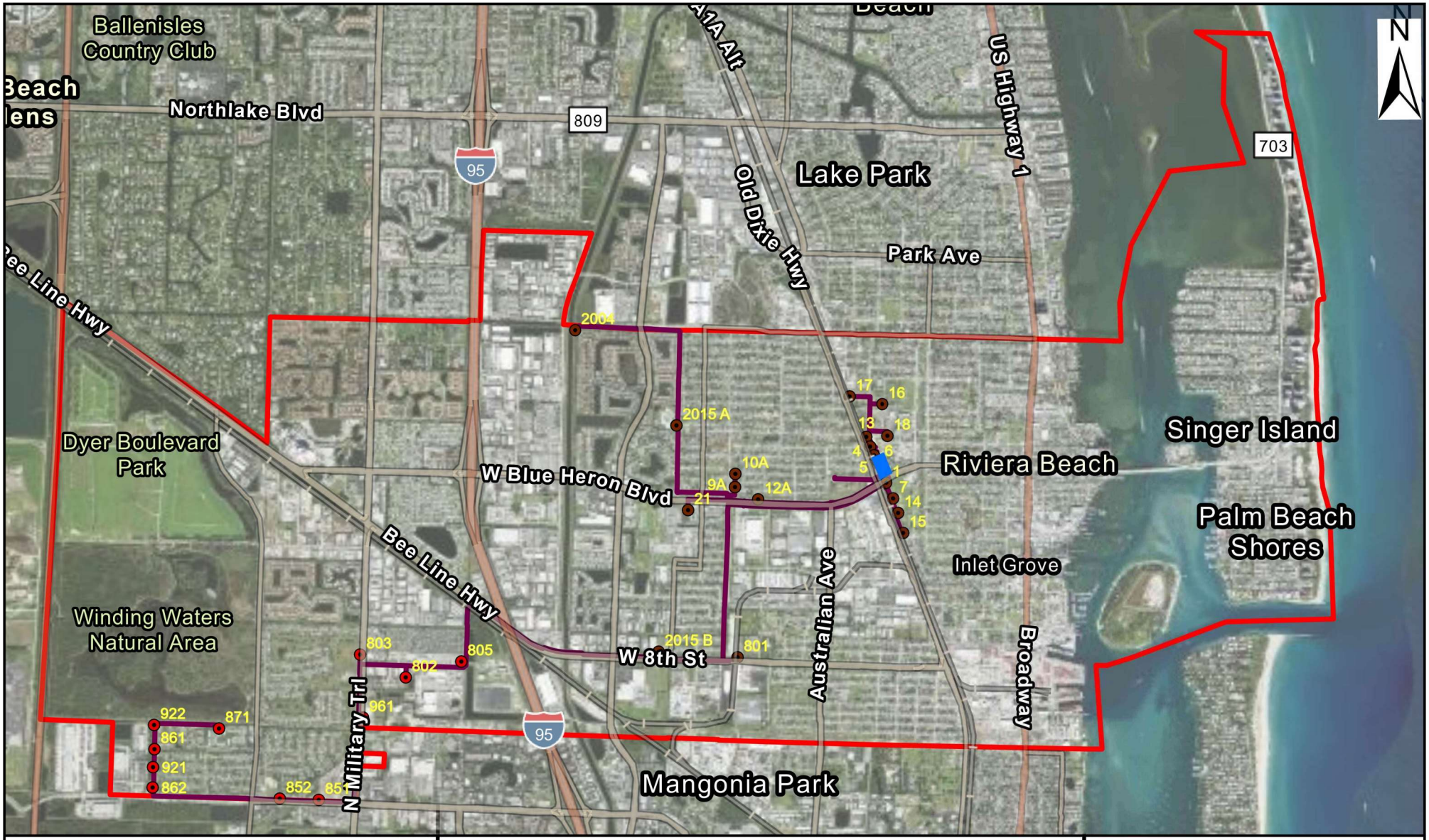
The CRBUSD water system includes a network of raw water transmission mains and potable water transmission and distribution pipelines that convey water throughout the system.

Raw water transmission mains transport groundwater from the wellfields to the WTP for treatment. Following treatment, potable water is conveyed through a network of transmission and distribution pipelines to deliver finished water from the WTP to the service area and ultimately to customers.

The distribution system includes the necessary appurtenances, such as valves, hydrants, fittings, and service connections to support system operation, maintenance, and fire protection. These components facilitate system control, isolation of pipeline segments for maintenance or repair, and reliable delivery of potable water throughout the distribution network.

3.1.4.1 RAW WATER TRANSMISSION SYSTEM

The raw water transmission system conveys groundwater from the wellfields to the WTP. The system consists of approximately 58,000 linear feet of transmission mains constructed from a variety of pipe materials. Approximately 98 percent of the transmission piping has documented material types, which include asbestos cement (AC), cast iron (CI), ductile iron (DI), high-density polyethylene (HDPE), and polyvinyl chloride (PVC). The remaining 2 percent of the pipeline material has not been verified and is classified as unknown within the system inventory. The configuration and alignment of the raw water transmission system are illustrated in ***Figure 3-4***.


Ballenisles Country Club
Northlake Blvd
809
95
Lake Park
Old Dixie Hwy
US Highway 1
703
Park Ave
Bee Line Hwy
2004
2015 A
2015 B
Dyer Boulevard Park
W Blue Heron Blvd
Riviera Beach
Singer Island
Palm Beach Shores
Inlet Grove
Australian Ave
Broadway
W 8th St
Winding Waters Natural Area
N Military Trl
Mangonia Park
N
Legend
Wells, Western Wellfield
Wells, Eastern Wellfield
WTP
CRBUSD Service Area
Raw Water Transmission System
Existing SAS Raw Water Supply Wells and Transmission System
Figure 3-4
0
0.5
1
Miles
chenmoore

3.1.4.2 POTABLE WATER DISTRIBUTION SYSTEM

The CRBUSD potable water distribution system consists of approximately 188 miles (993,411 linear feet) of water mains that convey treated water from the WTP to customers throughout the service area.

Table 3-3 summarizes the distribution system by pipe material and diameter. The system is composed primarily of asbestos cement pipe (AC), which represents approximately 55 percent of the total network. The next most common pipe materials are polyvinyl chloride (PVC) at approximately 19 percent and ductile iron (DI) at approximately 18 percent.

Most of the distribution system is comprised of small diameter mains with approximately 86 percent of the pipelines having 12-inch diameters or less. The age distribution of the potable water mains is illustrated in ***Figure 3-5.***

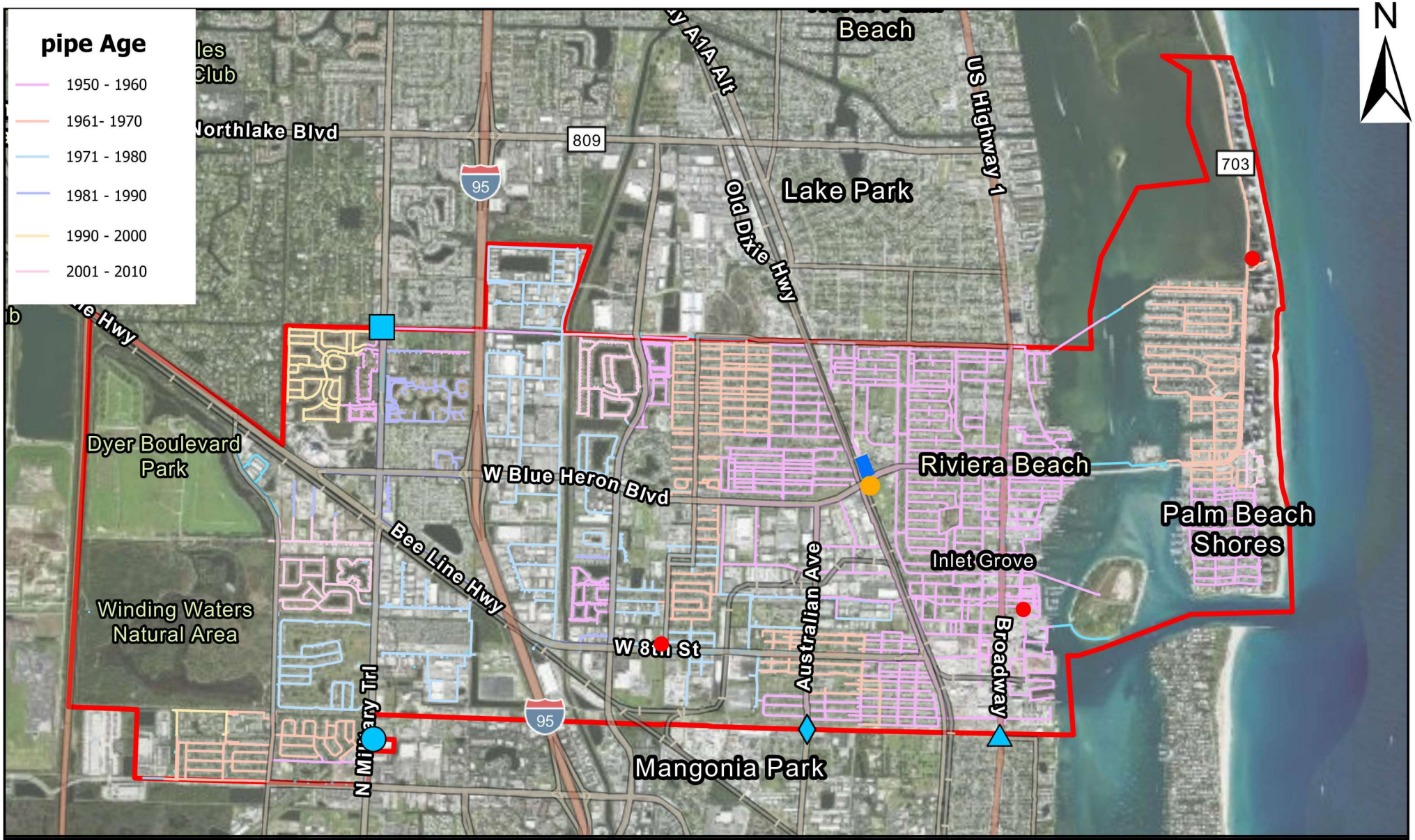
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Table 3-3 Water Main Materials

Dia (Inch)	Pipe Length by Material (Feet)							
	UNK	AC	CI	DI	GS	HDPE	PVC	Total
UNK	19,710						3,957	23,667
1	2,085	124	235	2	362		888	3,697
2	3,839	11,701	915	1,908	10,913	130	4,699	34,105
3	63	46,768	645	180			243	47,900
4	175	83,792	2,047	5,207			3,453	94,673
6	3,134	247,595	16,646	9,428	525	7	34,727	312,062
8	3,378	52,952	1,971	53,251		851	113,269	225,672
10	1,160	71,802	3,377	20,159			15,462	111,961
12	934	19,041	4,495	60,790		257	8,532	94,049
14	3	10,879	560	7,207				18,648
16	621	3,424	3,864	11,836		257		20,002
18			22					22
20	25		25	6,498				6,547
26		29						29
30		320	53	4				377
Total	**35,127**	**548,427**	**34,855**	**176,468**	**11,800**	**1,502**	**185,230**	**993,411**

Pipe Material Key:

UNK: Unknown
AC: Asbestos Cement
CI: Cast Iron
DI: Ductile Iron
GS: Galvanized Steel
HDPE: High-Density Polyethylene


pipe Age
1950 - 1960
1961- 1970
1971 - 1980
1981 - 1990
1990 - 2000
2001 - 2010
N
Beach
US Highway 1
A1A Alt
Northlake Blvd
809
95
Old Dixie Hwy
Lake Park
703
Dyer Boulevard Park
W Blue Heron Blvd
Riviera Beach
Palm Beach Shores
Bee Line Hwy
Inlet Grove
Australian Ave
Broadway
Winding Waters Natural Area
W 8th St
N Military Trl
Mangonia Park
Legend
12" Interconnect with Seacoast Utility Authority
12" Interconnect with City of West Palm Beach
8" Connect with Mangonia Park
8" Interconnect with City of West Palm Beach
WTP
Repump Stations
Water Storage Tank for WTP
CRBUSD Service Area
Water Main
Existing Water Distribution Pipe Age
Figure 3-5
0
0.5
1
Miles
chenmoore

3.1.4.3 FIRE HYDRANTS

Fire hydrants are installed off the water distribution mains to provide fire protection throughout the service area. The number of fire hydrants is documented as 1,092. Twenty (20) hydrants were installed between 1920 and 1940. The most recent hydrants were installed between 1990 and 2010 and consisted of only 15% of the total hydrant inventory.

3.1.4.4 WATER METERS

The CRBUSD has approximately 16,000 residential and commercial water meters in the water distribution system. The residential meters were two-inch diameter or less. The commercial water meters were 4-inch diameter or more. The residential water meters were replaced between 2007 and 2008 by Neptune as Automatic Meter Reading (AMR) fixed network type. The CRBUSD has begun replacing the commercial meters with the AMR type. The age of the commercial meters is unknown.

3.1.4.5 AUTOMATIC FLUSHING DEVICES

Automatic flushing devices flush water at set time intervals. This allows fresh water to circulate and to prevent water stagnation in the pipeline. The CRBUSD also flushes the water mains manually by opening fire hydrants. There are five (5) automatic flushing devices installed in 2010. ***Table 3-4*** shows the approximate locations of the automatic flushing devices.

Table 3-4 Location of Automatic Flushing Devices

Flusher No.	Location of Automatic Flushing Devices
1	5731 N Military Trail (Next to the Bobcat Dealership)
2	4815 45th Street (Behind Lake Arjaro Apartments)
3	5929 Cayman Circle East
4	5615 Parke Avenue (Hydrant next to Well #862)
5	Caribbean Boulevard
6	Haverhill Road (North of 45th Street)
7	6000 N. Military Trail (Old Splash Restaurant)

3.1.4.6 PRESSURE MONITORING STATIONS

Monitoring pressures is critical in a water distribution system. This ensures adequate pressures to provide safe drinking water and fire suppression. The CRBUSD operates seventeen (17) pressure monitoring stations within the water distribution system. The pressure monitors are connected to the data flow system (DFS) through telemetry at the water treatment plant. This allows for the data to be recorded and analyzed.

3.1.4.7 INTERCONNECTIONS WITH ADJACENT UTILITIES

The CRBUSD water distribution system has three (3) interconnections with West Palm Beach and Seacoast Utilities. These interconnections allow CRBUSD to obtain potable water for the customers in an emergency situation, such as equipment or power failure.

The Interconnections are described as follows:

1. 8-inch diameter interconnect with West Palm Beach
2. 12-inch diameter interconnect with West Palm Beach
3. 12-inch diameter interconnect with Seacoast Utility Authority
4. 8-inch diameter connect with Mangonia Park*

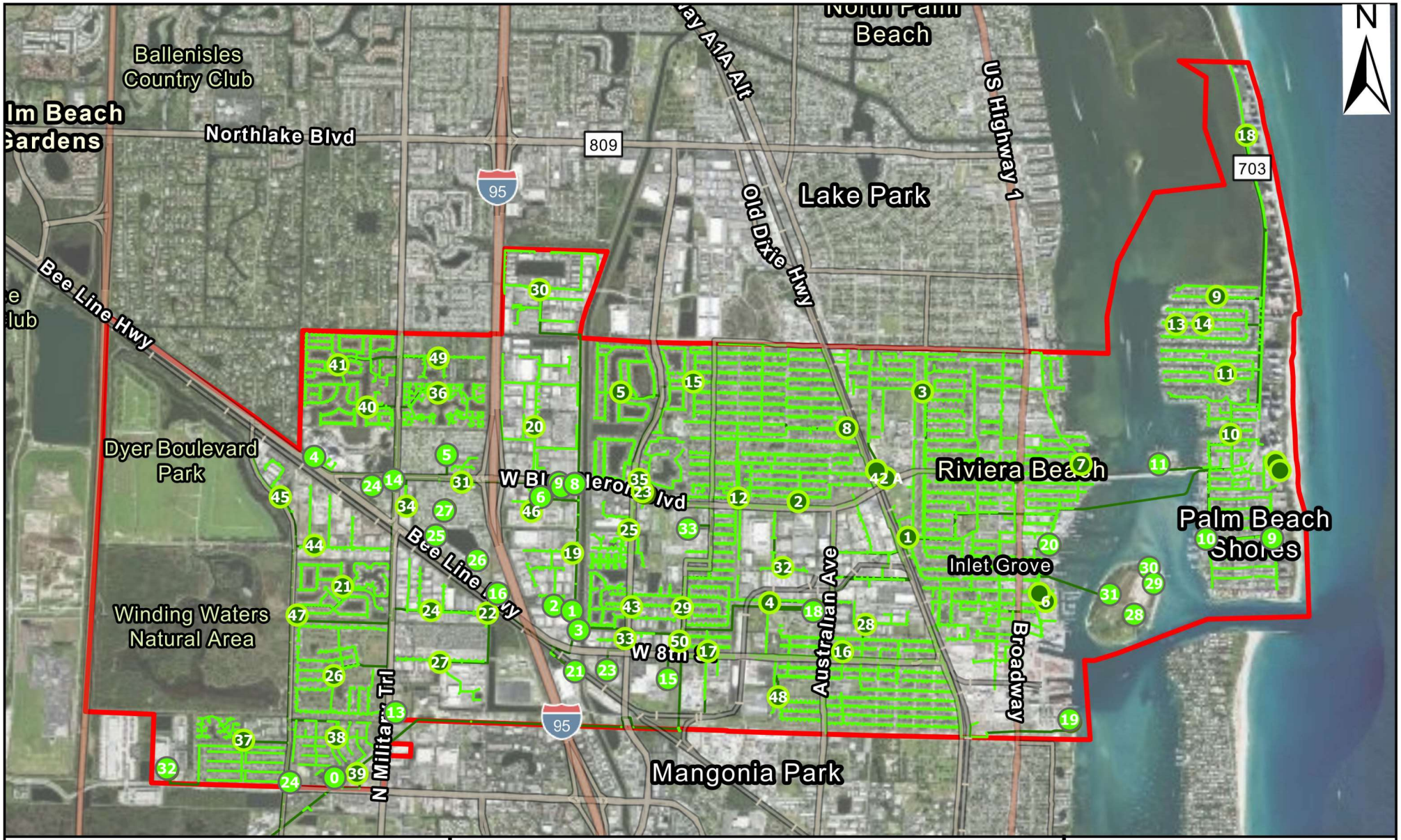
*One direction water flow (CRBUSD to Mangonia Park)

3.2 WASTEWATER COLLECTION AND TRANSMISSION SYSTEM

The wastewater collection and transmission system is owned and operated by the CRBUSD. Wastewater is collected and gravity fed to the lift stations. Force mains pump the wastewater from the lift stations to the master lift stations. The master lift stations pump the wastewater to the East Central Regional Water Reclamation Facility (ECRWRF). The ECRWRF is funded and governed by a board. The board consists of a representative member from West Palm Beach, Lake Worth Beach, Riviera Beach, Palm Beach, and Unincorporated Palm Beach County. However, the ECRWRF is operated solely by West Palm Beach.

The CRBUSD 36-in force main interconnects with a force main from Mangonia Park. The CRBUSD owns a master meter, read daily, that gages the Mangonia Park wastewater flow to the CRBUSD 36-inch diameter force main. Palm Beach Shores, Port of Palm Beach and Florida Power and Light (FPL) move wastewater to the CRBUSD for treatment. The C-17 aerial crossing force main is completed. The M-Canal aerial crossing force main is also completed. ***Figure 3-6*** shows the wastewater collection and transmission system.

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Legend

- Private Lift Stations
- CRBUSD Service Area
- CRBUSD Lift Stations
- Sanitary Force Main
- Gravity Sanitary System

Wastewater Collection and Transmission System

Figure 3-6

0 0.5 1 Miles

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3.3 WASTEWATER COLLECTION SYSTEM - GRAVITY

Residential and commercial wastewater is transported through the gravity collection system to the CRBUSD lift stations, then to a system of force mains, where it ultimately goes to the ECRWRF for treatment.

The CRBUSD services approximately 170 miles of gravity sewer main and 2,676 manholes. Gravity sewer improvements have been made for approximately 29,300 linear feet of pipe replacement or repaired (R & R) with lining. ***Table 3-5*** provides the breakdown of pipeline improvements by materials and diameters.

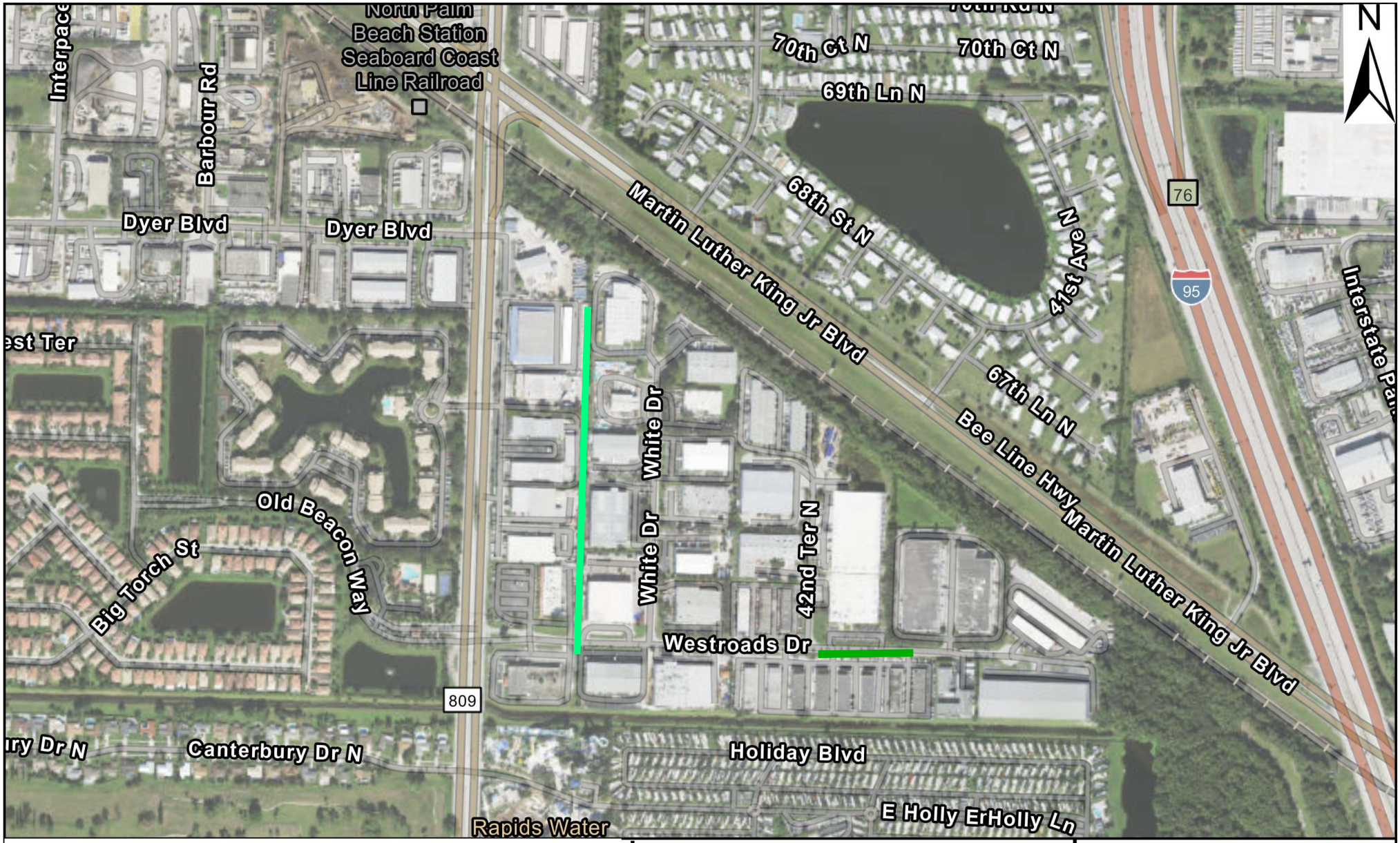
Figure 3-7 illustrates the locations of the gravity sewer R & R improvements within the CRBUSD service area.

Table 3-5 Gravity Main Materials

Diameter (Inches)	Pipe Length by Material (Feet)						
	CI	DI	VC	PVC	HDPE	CIPP	Total
8				7,200	3,200	9,800	20,200
10				4,000	3,200	9,800	17,000
12				7,200	3,200	9,800	20,200
Total	**0**	**0**	**0**	**0**	**9,600**	**29,400**	**57,400**

Pipe Material Key:

CI: *Cast Iron*
DI: *Ductile Iron*
VC: *Vitrified Clay*
PVC: *Polyvinyl Chloride*
HDPE: High-Density Polyethylene
CIPP: Cured In Place Pipe



Legend

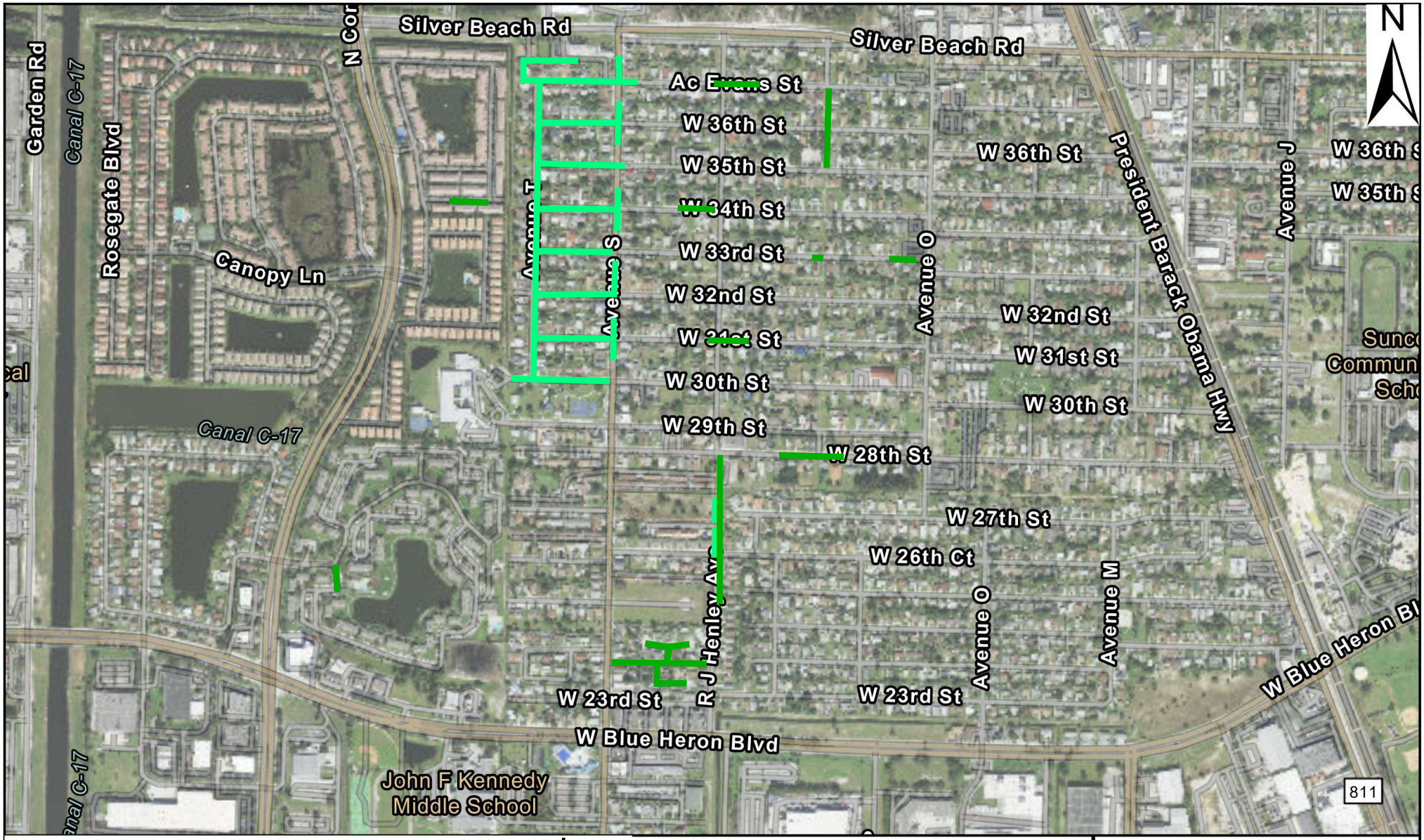
- Sewer Repair with CIPP Lining
- Sewer Replacement

Gravity Sewer R & R Locations

Figure 3-7 (1 of 3)

0 0.1 0.2 **Miles**

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Legend

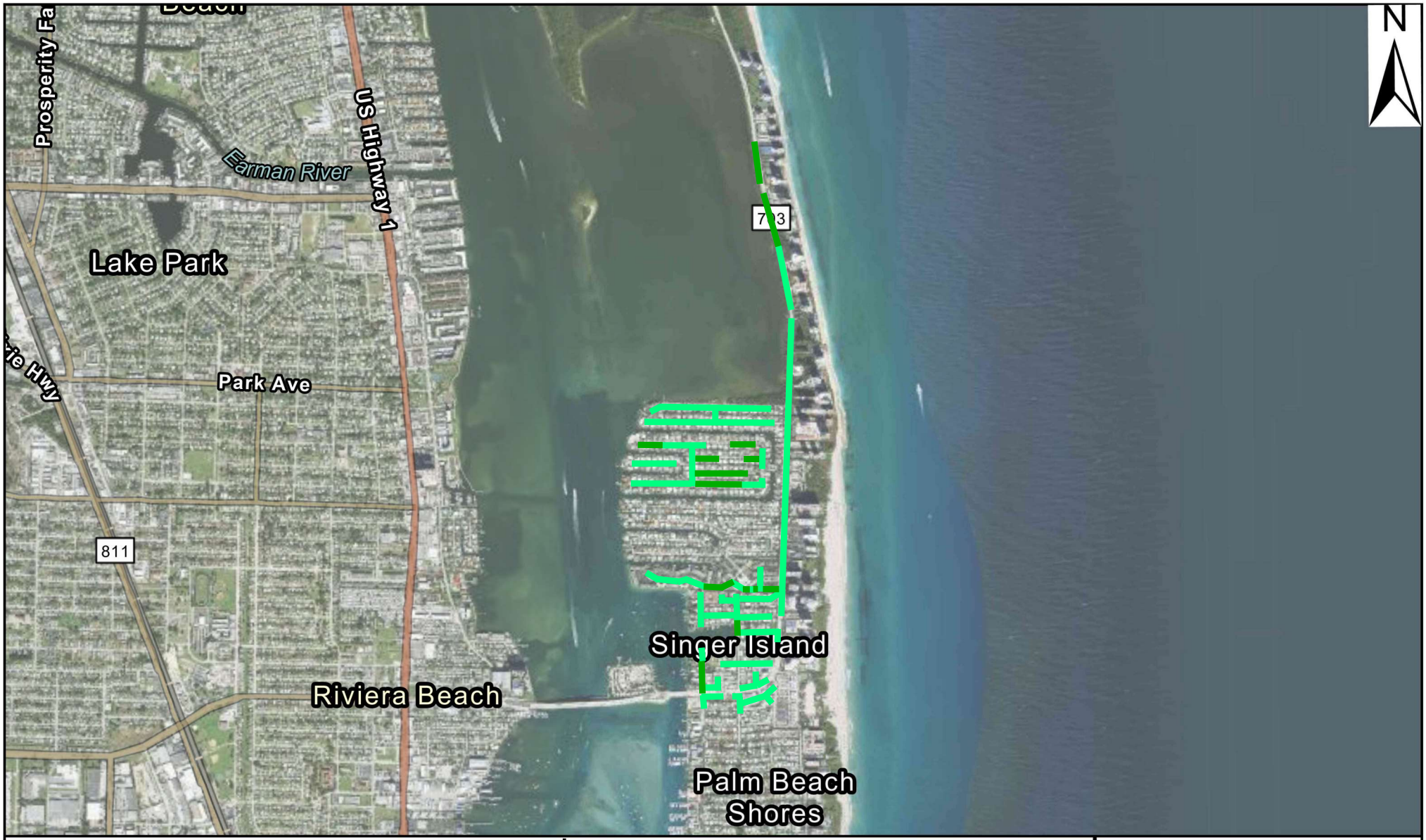
- Sewer Repair with CIPP Lining
- Sewer Replacement

Gravity Sewer R & R Locations

Figure 3-7 (2 of 3)

0 0.25 0.50 Mile

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Legend

Sewer Repair with CIPP Lining

Sewer Replacement

Gravity Sewer R & R Locations

Figure 3-7 (3 of 3)

0 0.25 0.50 Mile

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3.3.1 FORCE MAINS

Under pressure, force mains transport the wastewater from lift stations to downstream lift stations and onward to ECRWRF. The wastewater conveyance utilizes pipes, shutoff valves, air release valves and accessories. The CRBUSD services approximately thirty-seven (37) miles of force main. Approximately half (49%) of the force mains are ductile iron. Most of the remaining half consists of cast iron (24%) and PVC (22%). Approximately 50% of the pipes in the service area fall between 4-inch and 8-inch diameters.

Two (2) aerial force main crossings have been improved at the C-17 Canal and M-Canal. The C-17 Canal crossing removed a total of 677 linear feet of old ductile iron, HDPE and galvanized steel pipes. The new force main was replaced with a single 12-inch diameter HDPE (DR-11) at a length of 585 linear feet. The M-Canal crossing removed 36-inch diameter ductile iron pipe with length of 865 linear feet. The old pipe was replaced with 42-inch diameter HDPE (DR-13.5) at a length of 865 linear feet. ***Table 3-6*** provides the breakdown of pipe materials and diameters.

Table 3-6 Force Main Materials

Dia. (Inches)	Pipe Length by Material (ft)										
	UNK	AC	CI	DI	GS	PVC	HDPE	HDPE (DR-11)	HDPE (DR-13.5)	VCP	Total
UNK	6									15	21
2	72					1,709				17	1,798
3	1,892		164			156					2,212
4			5,059	11,620		13,696				671	31,046
6			12,576	10,442		11,561				167	34,746
8	8	6,216	9,295	5,274		8,971					29,764
10			6,485	4,376		382				24	11,267
12	156		5,072	11,334		673	0	585		1,120	18,940
14				5,390	0						5,390
16	15		8,025	14,095		4,821					26,956
18	46		4	9,306							9,356
20				6,138							6,138
24	36			32							68
30				14,917							14,917
36				2,260							2,260
42									865		865
Total	**2,231**	**6,216**	**46,680**	**95,184**	**0**	**41,969**	**0**	**585**	**865**	**2,014**	**195,744**

Pipe Material Key:

UNK: Unknown
AC: Asbestos Cement
CI: Cast Iron
DI: Ductile Iron
GS: Galvanized Steel
PVC: Polyvinyl Chloride
HDPE: High-Density Polyethylene DR-11
HDPE: High-Density Polyethylene DR-13.5
VC: Vitrified Clay

3.3.2 WASTEWATER LIFT STATIONS

The gravity collection system directs the wastewater to a series of CRBUSD lift stations to the ECRWRF. The CRBUSD owns fifty (50) wastewater lift stations. There are thirty-six (36) privately owned and operated wastewater lift stations discharging sewage into the CRBUSD wastewater system. On a previous page, ***Figure 3-7*** shows the location of the lift stations that are owned by the CRBUSD and by private entities.

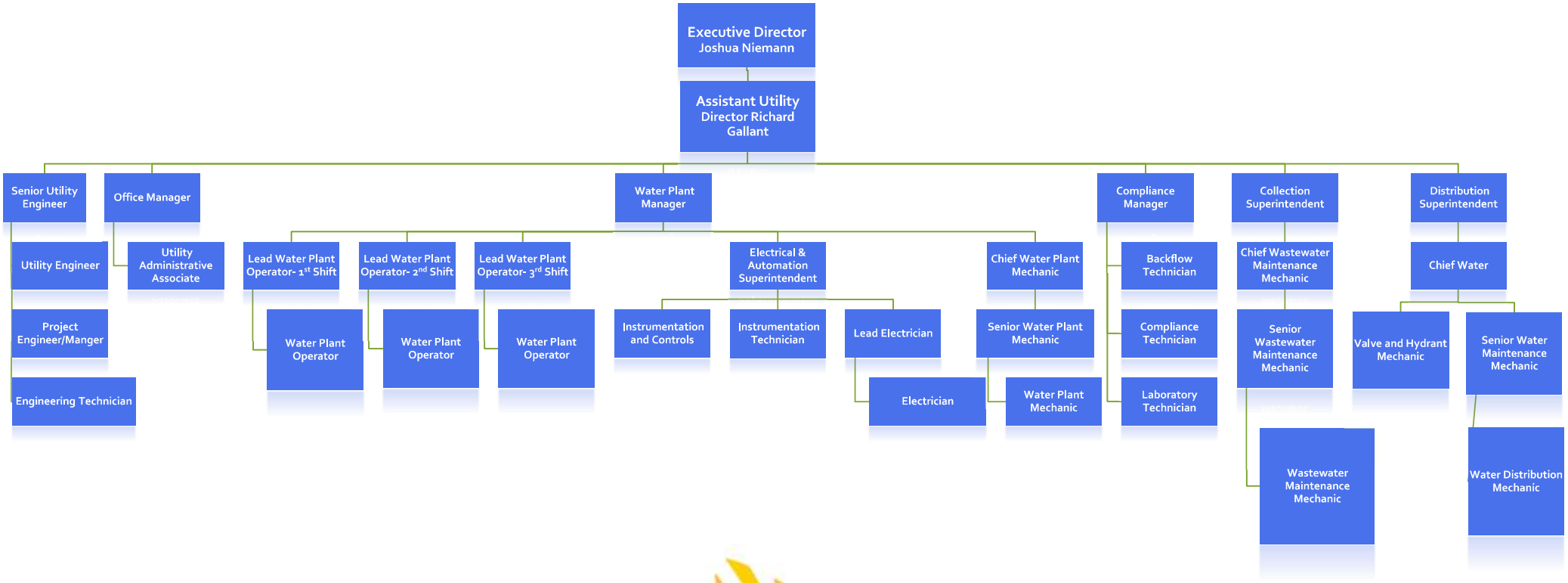
3.4 CRBUSD ORGANIZATION CHART

The CRBUSD has an organizational structure led by the Executive Director and Assistant Executive Director. The functional structure is defined by departments, such as Utility, Administrative, Water Plant, Compliance and Wastewater. The executive management flows to mid-level management and frontline employees. shows the chain of command, employee roles and relationships, and the span of controls throughout the plant operations. Additionally, the organization chart identifies vacant staff positions within the facility. See ***Figure 3-8*** for the organizational structure of the facility.

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CRBUSD ORGANIZATION CHART

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Riviera Beach

4. POPULATION AND DEMAND FORECASTING

High population scenarios and water demand projections are imperative in determining the adequacy of existing infrastructure and planning for future infrastructure. The Haskell Company and CDM Smith collaborated on the hydraulic modeling and preliminary design for the CRBUSD Water Treatment Facilities Project. The 2024 CMA report referenced the *Draft Basis of Design Report* (BODR) by Haskell Company and CDM Smith issued in October 2023. The Draft BODR will be referenced in subsequent sections. From this source document, CMA found the population projected to the year 2045 with the corresponding water demand. The water demand is separated into average and maximum conditions. ***Table 4-1 s***hows the results of population and demand forecasting for the service area.

Table 4-1 High Population Scenario and Water Demand Projections

2024 ENGINEER'S BOND REPORT						
PARAMETER	**2021**	**2025**	**2030**	**2035**	**2040**	**2045**
Population Projection (High Population Scenario)	42,356	45,119	48,769	54,946	57,584	60,001
Average Finished Water (MGD)	8.34	8.88	9.60	10.82	11.34	11.81
Maximum Finished Water (MGD)	11.85	12.61	13.63	15.36	16.10	16.77

For the 2026 Engineer's Bond Report, the population project was estimated to year 2045. The associated finished water demands indicated to be 192 gallons per minute (gpm) per person within the City of Riviera Beach and the Town of Palm Beach Shores (See *Table 4-2)*. The source reference is the South Florida Water Management District Lower East Coast Water Supply Plan in Appendix A of the 2023-2024 Report. Based on the tabulated information, the design capacity of the proposed Membrane Water Treatment Plan is appropriately sized for the needs of the CRBUSD.

Table 4-2 Projected Population and Finished Water Demands

2026 ENGINEER'S BOND REPORT				
PARAMETER	**EXISTING**	**PROJECTED**		
	2021	**2025**	**2035**	**2045**
Population Projection	43,485	44,442	48,069	54,946
Average 2017 - 2021 Per Capita (MGD finished water)	192			
Potable Water Demands (daily average annual finished water in MGD)	8.35	8.53	9.23	10.28
Source: https://www.sfwmd.gov/our-work/water-supply/lower-east-coast				

5. EVALUATION

Utility owners typically perform hydraulic modeling to analyze the water and wastewater collection and transmission systems against the adopted level of standards. Hydraulic modeling identifies the deficiencies. As a result, proposed corrective improvements can be undertaken. The CRBUSD has a hydraulic model of both the water and wastewater collection and transmission systems from the *Water and Wastewater Master Plan* by Hazen and Sawyer issued in February 2013, which is referred to as the Master Plan (Hazen and Sawyer, 2013). The water system was modeled and designed more recently in the Draft BODR. CMA completed the wastewater modeling of the system in 2024 in order to update with current conditions and other technologies.

The water distribution and wastewater collection and transmission systems are currently being analyzed in the Master Plan utilizing hydraulic modeling software. Steady state and extended period simulations are modeled for flows, pressures, pump operating status and tank water levels. Performance criteria, water age and fire flow are assessed. The water distribution system capacity and quality are examined for regulatory deficiencies. Further, water distribution capacity and water quality improvement needs are being identified in the system components of the service area.

The components are critically tested for compliance, such as existing infrastructure, tank filling and storage capacity, possible repump station failures, available water hydrant fire flow in key locations for large fires. Additional components are evaluated in the hydraulic modeling, such as critical pipeline failures and high service pumping capacity.

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6. PROPOSED IMPROVEMENTS

6.1 METHODOLOGY

The water and wastewater collection and transmission systems were analyzed to determine where improvements were needed. The improvements were categorized into types, including (A) Water Supply, Treatment, Storage and Pumping, (B) Water Distribution System, and (C) Wastewater Collection and Transmission System. Additionally, the improvements were reviewed according to their purpose. The four (4) project purpose categories are (1) regulatory, (2) capacity, (3) renewal & replacement, and (4) water quality. Some improvements may address multiple purposes and are noted accordingly in this report.

A description of the four (4) project purpose categories follows.

- **(1) Regulatory**

  Regulatory driven projects are improvements necessary for compliance with current regulatory standards as well as anticipated future regulations. Given 30-year population growth projections, the CRBUSD needs to invest in the infrastructure to meet regulatory rules and not be deficient.

- **(2) Capacity**

  Capacity driven projects are improvements to increase the capacity of the water and wastewater systems. Capacity improvements are necessary to meet the needs of current customers as well as the needs for the forecasted population growth.

- **(3) Renewal and Replacement**

  Renewal and Replacement (R & R) driven projects are improvements to maintain aging and obsolete infrastructure. The CRBUSD's water and wastewater infrastructure is relatively old. Certain elements have reached the end of useful life. R & R projects are intended to renew or to replace infrastructure that is at the end of useful life. Therefore, the infrastructure is maintained to provide reliable service levels and avoid failures.

- **(4) Water Quality**

  Water Quality driven projects are intended to enhance water treatment plant operational effectiveness, which would result in improved drinking water quality. The quality of water affects taste and color on the distribution side. In addition, properly treated water removes harmful particulates that damage infrastructure by clogging, staining and corroding. Well-maintained infrastructure prevents costly breakdowns and extends expected useful life.

All assets in the CRBUSD's water and wastewater infrastructure have a limited lifespan. At the end of an asset's lifespan, the asset (valve, pipe, water tank) may fail resulting in loss of service. Depending on the failure and backup systems, the result can cause a minor inconvenience to major disruption of customer service.

6.2 WATER SUPPLY, TREATMENT, STORAGE AND PUMPING

CMA relied on the Draft BODR for project recommendations in this section. Although improvements are proposed in past reports, the Draft BODR issued collaboratively by Haskell and CDM Smith supersedes the other reports.

6.2.1 TREATMENT PROCESS ALTERNATIVE AND SELECTION

Multiple treatment processes were considered to address the water quality of the existing supply wells. The potential treatment methods also accommodated future water supply wells installed in the Floridan Aquifer System (FAS). All water treatment options considered alternative disposal methods for the waste from the treatment process.

6.2.1.1 FINISHED WATER QUALITY GOALS

The finished water quality target is described in ***Table 6-1***. The water quality goals were determined at Workshop #4 between the CRBUSD and the Haskell and CDM Smith consulting firms.

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Table 6-1 Finished Water Quality Goals

Category	Parameter	Regulatory Level	Water Quality Goal
Softening	Calcium	N/A	80 to 120 mg/L as CaCO3
Stabilization	pH	6.5-8.5	8.0 to 8.5 units
	Alkalinity	N/A	80 to 120 mg/L as CaCO3
	Calcium Carbonate Precipitation Potential	N/A	4 to 10 mg/L as CaCO3
	Corrosivity	Non-Corrosive	Non-Corrosive to Lead, Copper, Iron, and Asbestos Cement Pipe
	TDS	500 mg/L	450 mg/L
	Chlorides	250 mg/L	225 mg/L
Aesthetics	Odor	<3 TON	<2 TON
	Turbidity	<2 NTU*	Limit white solids in distribution system
	Sulfide	<0.3 mg/L	<0.1 mg/L
	Color	<15	10
Disinfection	Virus LRV	4-log	Meet Regulatory Level
	Trihalomethanes (TTHMs)	80 µg/L	<48 µg/L
	Haloacetic Acids (HAA5)	60 µg/L	<48 µg/L
Volatile Organic Compounds	VOCs	Various	Continue to provide air-stripping at the WTP
Emerging Contaminants	PFOS	4 ng/L	3 ng/L
	PFOA	4 ng/L	3 ng/L
	PFNA	HI<1	HI<1
	PFHxS		
	PFBS		
	Gen X		

6.2.1.2 SAS SOURCE WATER TREATMENT

Three (3) treatment alternatives were considered to treat the contaminates found in the SAS wellfield samples. Each alternative utilizes a packed tower process to remove hydrogen sulfides and VOC afterwards.

Alternative 1 – Two Step Ion Exchange
- Pro – least complex option
- Con – Increased Life Cycle Costs

Alternative 2 – Pellet Lime and Ion Exchange
- Pro – Addresses frequent regeneration of the strong acid ion exchange resin
- Con – Increased strong base ion exchange resin replacement

Alternative 3 – Membrane Treatment
- Pro – Ability to treat hardness and PFAS
- Con – Increased capital cost

Alternative 3 was chosen for the ability to treat hardness and PFAS over the other process treatments.

6.2.1.3 FAS SOURCE WATER TREATMENT

To determine the likely characteristics of the FAS, test results from nearby wells were reviewed. Seacoast Utility Authority (SUA) collected the water samples from existing FAS wells. These wells are located approximately six (6) miles northwest of the proposed CRBUSD membrane water treatment plant (MWTP). The water samples showed variability in total dissolved solids (TDS) concentration. Some of the wells were located within 2.5 miles of each other with similar terminal depths. Variable water quality and subsurface hydrogeology were indicated within the existing FAS Wellfield. From specific knowledge, hydrogen sulfide is present. Brackish LPRO is the proposed water treatment for the FAS raw water supply. Nanofiltration (NF) permeate with a packed tower will treat hydrogen sulfide.

6.2.1.4 RAW WATER SUPPLY REQUIREMENTS FOR MWTP

This section describes the anticipated raw water quantity and quality to be treated at the proposed MWTP. Further, the selection process is discussed to meet the FDEP drinking water standards and the CRBUSD finished water quality benchmarks.

6.2.1.4.1 RAW WATER QUANTITY REQUIREMENTS

Raw water quality determines the pre-treatment steps and the ultimate water treatment process. Existing SAS well groundwater will be treated using nanofiltration (NF) membranes. The proposed FAS well groundwater will be treated using Low Pressure Reverse Osmosis (LPRO) membranes at the new membrane water treatment facility.

As previously stated, the proposed MWTP is designed for a 14.0 MGD maximum day capacity, which can be expanded to 16.0 MGD. The existing SAS wells, proposed SAS wells and the proposed FAS wells will supply groundwater (raw) to the MWTP. The SAS raw water will be treated by NF skids, designed for transferring, filtering and cooling reverse osmosis water processes. In turn, the FAS well raw water will be treated by LPRO, a water purification technology using a semipermeable skid-mounted membrane to remove ion molecules and larger particles from potable drinking water.

The Draft BODR described several permutations of NF skids and LPRO skids required to produce 14 mgd finished water on a maximum day basis. The design assumed skid sizes of 2.125 MGD for the NF and 1.83 MGD for the LPRO. This sizing would utilize four (4) NF skids and three (3) LPRO skids to produce 8.5 MGD NF skids and 5.5 MGD LPRO skids, respectively. The combined finished water flow of 14.0 MGD on a maximum day basis would be achieved. Further, a larger LPRO skid would also provide the recommended finished water quantity on a maximum day basis.

6.2.1.4.2 RAW WATER WELL LOCATIONS, DESIGN AND CONSTRUCTION

Expansion of the raw water supply system is required to meet projected potable water demand and maintain an adequate level of service for the utility service area. To achieve the required supply capacity and provide operational redundancy, additional production wells are proposed within both the SAS and the Floridan Aquifer System (FAS). The proposed wellfield expansion program includes the following components:

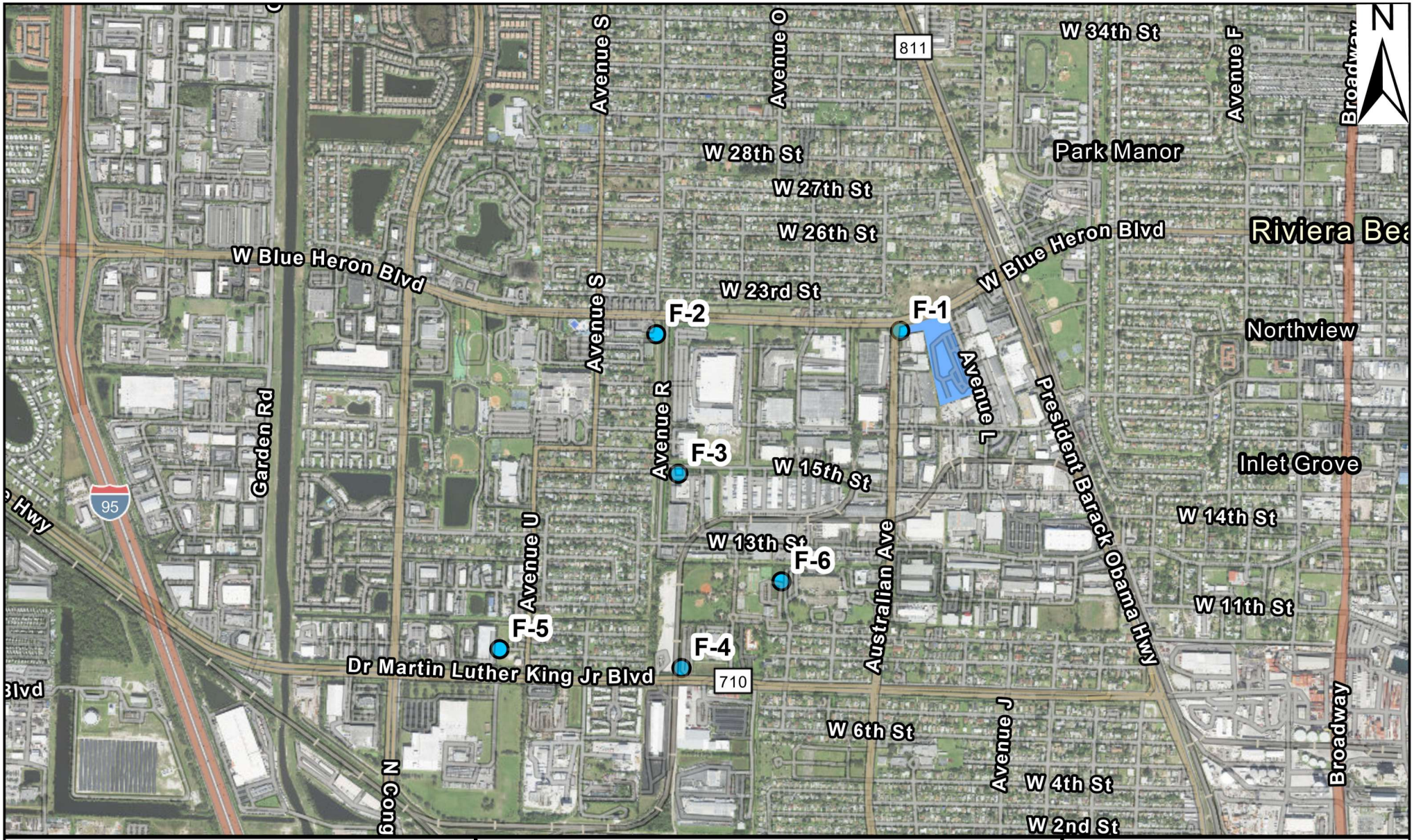
- Construction of six (6) new FAS production wells within a proposed FAS wellfield (F1 through F6).

The proposed FAS wellfield will be planned and designed to allow for future expansion, including sufficient spacing, site layout, and utility infrastructure to accommodate up to seven (7) additional production wells if required to meet future demand.

Each production well will be designed in accordance with applicable FDEP and South Florida Water Management District (SFWMD) requirements. The wells will include appropriate casing, screen intervals, grouting, and wellhead protection features consistent with the hydrogeologic conditions of the respective aquifer systems.

Production wells will be equipped with vertical turbine pumps, wellhead piping, isolation valves, flow meters, and electrical and control systems required for integration with the water treatment plant operations and supervisory control and data acquisition (SCADA) system. The wells will be designed to deliver sufficient capacity to support the treatment plant's projected raw water demand while maintaining operational flexibility and reliability.

The final well locations have been selected based on hydrogeologic conditions, available land, spacing requirements, and operational considerations, including minimizing potential well interference and maintaining adequate separation from potential contamination sources. ***Figure 6-1*** shows the proposed raw water well locations.



Legend

Proposed Membrane Water Treatment Plant

Proposed FAS Production Wells

Proposed Raw Water Well Locations

Figure 6-1

0 1,000 2,000 3,000 4,000 Feet

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6.2.1.5 CONCENTRATE DISPOSAL

The water treatment process yields concentrate requiring careful disposal. Several alternatives were considered for the concentrate disposal.

- Onsite deep injection well
- Transporting the concentrate to the ECRWRF using the existing pump stations and piping
- Installing a new pump station and concentrate disposal line to transport the concentrate to the existing deep disposal wells at the ECRWRF
- Discharging to a surface water body
- Reuse

From the Draft BODR, various timelines were considered for the concentrate disposal methodology. Constructing an onsite deep injection well was the recommendation to dispose the processed concentrate.

6.2.2 WATER TREATMENT PLANT

The CRBUSD struggles with water quality issues that are typical to groundwater in South Florida, such as hardness and color. Although improvements are continuously being made at the WTP, a full plant replacement is required to address the deficient infrastructure. Other reasons for replacing the WTP are the following:

- The WTP was constructed in 1958.
- Most of the equipment has reached the end of its useful life.
- The outdated treatment technology relies heavily on chemicals making the treatment process more costly.

The CRBUSD will replace the existing 17.5 MGD treatment plant that utilizes conventional lime-softening methods. The project will construct a new membrane water treatment plant (MWTP) at 2391 Avenue L, Riviera Beach, Florida (Avenue L Site) owned by Riviera Beach (see ***Figure 6-2***). Following completion of the MWTP, the existing conventional lime-softening treatment plant will be torn down, and the property will be sold. In addition, a Public Works Administrative Building will be built on the Avenue L Site (See ***Figure 6-3***).

The use of membranes in water treatment has been adopted by neighboring communities, such as Jupiter, Seacoast Utility Authority, the Village of Golf, Palm Beach County Water Utilities Department, Highland Beach and Manalapan. The membrane-based treatment will produce drinking water with minimal to no color. The state of the art process will utilize automation to ensure water quality reliability and consistency.

Further, the CRBUSD will apply a new water source to meet future demands by increasing the water system capacity from 14 MGD to 16 MGD. The CRBUSD contracted the Haskell Company with CDM Smith on November 2, 2022, Resolution No. 18-22UD to design and construct the project. The Notice to Proceed was issued for January 18, 2023 and is phased in two (2) parts. Phase 1 is 90% design. Phase 2 is the design completion, permitting construction and startup.



Legend

Proposed Membrane Water Treatment Facility

Proposed Location of Membrane Water Treatment Facility

Figure 6-2

0 250 500 1,000 Feet

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PARCEL INFORMATION					
EXISTING				PROPOSED	
PCN:	LOT AREA	ZONING DISTRICT	FUTURE LAND USE	ZONING DISTRICT	FUTURE LAND USE
56-43-42-28-31-015-0010	84,038.29 SF (1.93 Ac.)	GENERAL COMMERCIAL	COMMERCIAL	UTILITIES	UTILITIES
56-43-42-28-31-015-0081	276,539.57 SF (6.34 Ac.)	COMMUNITY FACILITIES	COMMUNITY FACILITIES	UTILITIES	UTILITIES

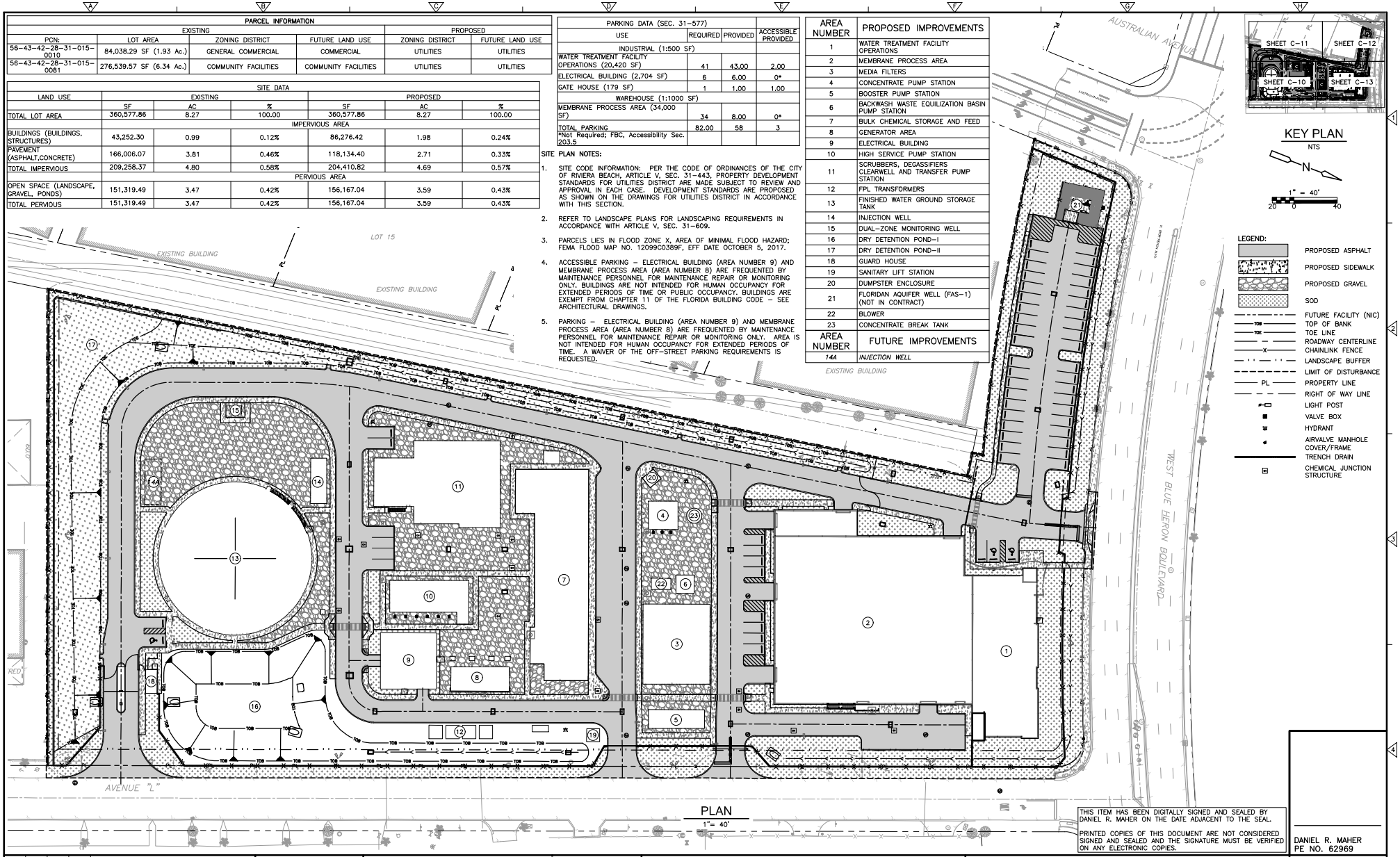
SITE DATA						
LAND USE	EXISTING			PROPOSED		
	SF	AC	%	SF	AC	%
TOTAL LOT AREA	360,577.86	8.27	100.00	360,577.86	8.27	100.00
	IMPERVIOUS AREA					
BUILDINGS (BUILDINGS, STRUCTURES)	43,252.30	0.99	0.12%	86,276.42	1.98	0.24%
PAVEMENT (ASPHALT,CONCRETE)	166,006.07	3.81	0.46%	118,134.40	2.71	0.33%
TOTAL IMPERVIOUS	209,258.37	4.80	0.58%	204,410.82	4.69	0.57%
	PERVIOUS AREA					
OPEN SPACE (LANDSCAPE, GRAVEL, PONDS)	151,319.49	3.47	0.42%	156,167.04	3.59	0.43%
TOTAL PERVIOUS	151,319.49	3.47	0.42%	156,167.04	3.59	0.43%

PARKING DATA (SEC. 31-577)			
USE	REQUIRED	PROVIDED	ACCESSIBLE PROVIDED
INDUSTRIAL (1:500 SF)			
WATER TREATMENT FACILITY OPERATIONS (20,420 SF)	41	43.00	2.00
ELECTRICAL BUILDING (2,704 SF)	6	6.00	0*
GATE HOUSE (179 SF)	1	1.00	1.00
WAREHOUSE (1:1000 SF)			
MEMBRANE PROCESS AREA (34,000 SF)	34	8.00	0*
TOTAL PARKING	82.00	58	3
*Not Required; FBC, Accessibility Sec. 203.5			

SITE PLAN NOTES:

1. SITE CODE INFORMATION: PER THE CODE OF ORDINANCES OF THE CITY OF RIVIERA BEACH, ARTICLE V, SEC. 31-443, PROPERTY DEVELOPMENT STANDARDS FOR UTILITIES DISTRICT ARE MADE SUBJECT TO REVIEW AND APPROVAL IN EACH CASE. DEVELOPMENT STANDARDS ARE PROPOSED AS SHOWN ON THE DRAWINGS FOR UTILITIES DISTRICT IN ACCORDANCE WITH THIS SECTION.
2. REFER TO LANDSCAPE PLANS FOR LANDSCAPING REQUIREMENTS IN ACCORDANCE WITH ARTICLE V, SEC. 31-609.
3. PARCELS LIES IN FLOOD ZONE X, AREA OF MINIMAL FLOOD HAZARD; FEMA FLOOD MAP NO. 12099C0389F, EFF DATE OCTOBER 5, 2017.
4. ACCESSIBLE PARKING - ELECTRICAL BUILDING (AREA NUMBER 9) AND MEMBRANE PROCESS AREA (AREA NUMBER 8) ARE FREQUENTED BY MAINTENANCE PERSONNEL FOR MAINTENANCE REPAIR OR MONITORING ONLY. BUILDINGS ARE NOT INTENDED FOR HUMAN OCCUPANCY FOR EXTENDED PERIODS OF TIME OR PUBLIC OCCUPANCY. BUILDINGS ARE EXEMPT FROM CHAPTER 11 OF THE FLORIDA BUILDING CODE - SEE ARCHITECTURAL DRAWINGS.
5. PARKING - ELECTRICAL BUILDING (AREA NUMBER 9) AND MEMBRANE PROCESS AREA (AREA NUMBER 8) ARE FREQUENTED BY MAINTENANCE PERSONNEL FOR MAINTENANCE REPAIR OR MONITORING ONLY. AREA IS NOT INTENDED FOR HUMAN OCCUPANCY FOR EXTENDED PERIODS OF TIME. A WAIVER OF THE OFF-STREET PARKING REQUIREMENTS IS REQUESTED.

AREA NUMBER	PROPOSED IMPROVEMENTS
1	WATER TREATMENT FACILITY OPERATIONS
2	MEMBRANE PROCESS AREA
3	MEDIA FILTERS
4	CONCENTRATE PUMP STATION
5	BOOSTER PUMP STATION
6	BACKWASH WASTE EQUILIZATION BASIN PUMP STATION
7	BULK CHEMICAL STORAGE AND FEED
8	GENERATOR AREA
9	ELECTRICAL BUILDING
10	HIGH SERVICE PUMP STATION
11	SCRUBBERS, DEGASSIFIERS CLEARWELL AND TRANSFER PUMP STATION
12	FPL TRANSFORMERS
13	FINISHED WATER GROUND STORAGE TANK
14	INJECTION WELL
15	DUAL-ZONE MONITORING WELL
16	DRY DETENTION POND-I
17	DRY DETENTION POND-II
18	GUARD HOUSE
19	SANITARY LIFT STATION
20	DUMPSTER ENCLOSURE
21	FLORIDAN AQUIFER WELL (FAS-1) (NOT IN CONTRACT)
22	BLOWER
23	CONCENTRATE BREAK TANK
AREA NUMBER	FUTURE IMPROVEMENTS
14A	*INJECTION WELL*



PLAN
1" = 40'

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DANIEL R. MAHER ON THE DATE ADJACENT TO THE SEAL.

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PE NO. 62969

REV. NO.	DATE	DRWN	CHKD	REMARKS

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CROSS CHK'D BY: S. SHINDE
APPROVED BY: D. MAHER
DATE: JULY 2024

chenmoore

UTILITY SPECIAL DISTRICT, CITY OF RIVIERA BEACH, FLORIDA
RIVIERA BEACH WATER TREATMENT FACILITY
PACKAGE 2A
Figure 6-3 Proposed Site Plan

OVERALL SITE LAYOUT

PROJECT NO. 337299-281390
FILE NAME: C009STPL.dwg
SHEET NO.
C-9

60% SUBMITTAL - NOT FOR CONSTRUCTION

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XREFs: [CDMS_2F2A_PIB_PH2A_JVTPAnet_CVPID151, PH2A-MWZ001MP - Floor Plan - 2D for Civil, PH2A-MWZ001MP - Floor Plan - 2D for Civil, PH2A-MWZ001CP - Floor Plan - 2D CAD For Civil, PH2A-MWZ001CH - Floor Plan - 2D For Civil, PH2A-MWZ001CP - Floor Plan - 2D For Civil, PH2A-MWZ001CW - Floor Plan - 2D for Civil, PH2A-MWZ001HP - Floor Plan - 2D for Civil, PH2A-MWZ001MP - Floor Plan - 2D CAD For Civil, PH2A-MWZ001I01 - Floor Plan - 2D CAD For Civil, PH2A-MWZ001MP - Floor Plan - 2D for
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Below is a list of the proposed components included in the MWTP effort.

- Six (6) new groundwater supply wells from the (FAS)
- Raw water transmission main improvements
- Avenue L Parcel Site Development
    - New MWTP (14 MGD expandable to 16 MGD)
    - Connection to the existing transmission and distribution main system
    - New ground storage reservoir
    - Finished water pump station and limited transmission system improvements
    - CRBUSD Administration and Facility Personnel
    - Associated Site Development
- Avenue U Parcel
    - Associated Site Development
- Demolition of existing WTP (17.5 MGD conventional lime-softening)

The proposed improvements summary and CIP also include funding for WTP repairs that are required until the new MWTP is installed. The costs of these repairs have been carried over from previous CIPs.

6.2.3 ADDITIONAL WATER SUPPLY IMPROVEMENTS

6.2.3.1 SALTWATER MONITORING WELL

A saltwater intrusion monitoring well PB-632 is proposed in the eastern wellfield. This monitoring well will allow the CRBUSD to monitor the saltwater. Further, well operations could be altered should the saltwater appear to reach the well. This would prevent permanent well contamination. The monitoring well is required by the Water Use Permit obtained through South Florida Water Management District.

6.2.3.2 GROUNDWATER SANITARY SURVEY

The Ground Water Rule (GWR) 4-Log Virus Treatment has changed the protocol for disinfection. The GWR changed in November 8, 2006 and requires the State of Florida to conduct a sanitary survey of the ground water system every three (3) years. The sanitary survey is a field review of the design, maintenance and operation of the ground water system. The Florida Department of Health in Palm Beach County has oversight in determining deficiencies.

6.2.4 BOOSTER PUMP STATION IMPROVEMENTS

The North Singer Island Repump Station sample indicated low total chlorine residue. Therefore, the Repump Station was not compliant with 62-555.350(6), Florida Administrative Code (FAC). A secondary disinfection process was proposed to add sodium hypochlorite for the North Singer Island Repump Station. In addition, installation of automated water quality monitoring panels were identified at six (6) strategic locations to regulate the water storage tank turnover rate, decreasing water age and nitrification. The following sample locations were identified as preliminary.

The following improvements were completed recently:

- Avenue U Repump (sample the pump station discharge)
- CRBUSD Lift Station 19 (sample location to be determined during detailed design)
- CRBUSD Lift Station 37 (sample the 8-inch diameter pipe along Caribbean Boulevard)
- CRBUSD Lift Station 39 (sample location to be determined during detailed design)

The Master Plan presented field and visual inspections for the primary existing above ground assets at the Avenue C, Avenue U and North Singer Island Repump Stations. The evaluations included performance, reliability, age and condition and were for the following:

- Tanks
- Pumps and Motors
- Aboveground Piping and Valves
- Hydropneumatic Tanks
- Flow Meters
- Chlorine System
- Air Compressors
- Fencing / Gates
- Doors, Windows and Louvres
- Paint
- Main Power Breakers
- Automatic Transfer Switches
- Motor Control Centers (MCCs)
- Variable Frequency Drives (VFDs)
- Solid State Soft Starters
- Panelboards
- Lighting
- Field Instrumentation
- Control Panels
- Programmable Logic Controllers (PLCs)

The Master Plan recommendations were for the CRBUSD to rehabilitate the pump stations for Avenue C and Avenue U within five (5) years. The Master Plan summarized the necessary work, and the CRBUSD has performed the work at the Avenue C and Avenue U Repump Stations.

Additionally, complaints of low water pressure from the Singer Island residents and concerns of not meeting fire flow requirements, resulted in a hydraulic analysis of the water distribution system. The analysis produced the CRBUSD Singer Island Water Pressure Evaluation Final Report issued in May of 2020. Several alternatives were discussed. However, the final recommendation was to construct a parallel water main on Ocean Drive. The parallel pipe would be with an upgraded 14-inch diameter at a length of 3,700 linear feet from the repump station north to approximately 5410 Ocean Drive. A 12-inch parallel pipe approximately 2,800 linear feet from 5410 Ocean Drive to the northern end of the service area would allow the system to meet the minimum required fire flow from the existing 10-inch diameter pipe.

6.2.4.1 NORTH SINGER ISLAND (NSI) REPUMP STATION CONSTRUCTION REPLACEMENT FOR YEAR 2027

Pumping Equipment Rehabilitation

The North Singer Island Repump Station pumps and associated mechanical equipment will be rehabilitated to restore hydraulic capacity, improve operational reliability, and support future fire flow and peak demand requirements for the Singer Island service area. The project will include replacement of the existing high-service pumps with new vertical turbine or horizontal centrifugal pumps sized to meet maximum day demand plus fire flow conditions while maintaining the minimum residual pressure requirements of 20 psi within the distribution system. New premium-efficiency motors will be installed to improve energy performance and reliability.

Associated suction and discharge piping within the station will be replaced with corrosion-resistant ductile iron or stainless-steel piping assemblies designed to minimize head loss and maintain flow velocities within American Water Works Association (AWWA) recommended limits. Isolation valves, check valves, pressure-reducing valves, and other appurtenances will be replaced to restore proper hydraulic control and allow for operational flexibility and maintenance isolation. The pumping system will be designed to operate efficiently across a range of flows corresponding to daily demand variations and emergency fire flow scenarios identified in the hydraulic model evaluation.

Electrical and Control System Upgrades

The repump station electrical and control systems will be upgraded to modern standards to enhance system reliability, improve monitoring capabilities, and ensure compatibility with the CRUBSD SCADA system. The rehabilitation will include replacement of MCCs, variable frequency drives (VFDs), control panels, instrumentation, and associated power distribution equipment.

New programmable logic controllers (PLCs) will be installed to provide automated pump sequencing, system pressure control, and alarm management. The control system will be integrated into the existing SCADA network to allow operators to remotely monitor station pressures, pump status, tank levels, and system flows. Updated instrumentation will include pressure transmitters, flow meters, tank level sensors, and power monitoring equipment to support improved operational decision-making and system diagnostics. Electrical improvements will also include replacement of outdated wiring, conduits, lighting, and standby power connections to meet current electrical and safety codes.

Site Rehabilitation and Structural Improvements

Site improvements will be performed to restore the physical condition of the repump station property and improve long-term durability of the facility. The project will include replacement of perimeter fencing and access gates to enhance site security and meet current utility standards. Existing pavement areas within the facility will be rehabilitated through milling and resurfacing of asphalt surfaces to restore structural integrity and eliminate drainage deficiencies.

Surface restoration will also include grading improvements where necessary to ensure proper stormwater drainage away from the building and critical electrical infrastructure. Existing structural elements such as exposed steel components, piping supports, and equipment bases will be cleaned, repaired, and recoated with corrosion-resistant coatings suitable for the coastal marine environment of Singer Island. These improvements will extend the service life of the facility and reduce ongoing maintenance requirements.

Architectural Rehabilitation

Architectural upgrades to the repump station building will be implemented to improve building integrity, ventilation, and protection of mechanical and electrical equipment. The rehabilitation will include replacement of deteriorated exterior doors with corrosion-resistant aluminum or fiberglass doors equipped with updated locking hardware and access control. Existing windows will be replaced with impact-resistant units designed to meet coastal wind load requirements.

Ventilation louvers will also be replaced to improve airflow through the pump room and electrical spaces, helping to maintain appropriate operating temperatures for mechanical and electrical equipment. New louvers will be constructed of corrosion-resistant materials and designed to prevent water intrusion during heavy rain events. Minor building repairs, including patching and repainting of exterior walls and interior surfaces, will be completed to restore the facility to a safe and functional condition.

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6.3 WATER DISTRIBUTION SYSTEM

6.3.1 REGULATORY DRIVEN PROJECTS

Several water distribution regulatory driven improvement projects were identified in the 2024 Master Plan. Low levels of total chlorine residue were detected in water sampling within the distribution system. Possible causes were nitification from by-products resulting from the use of a chloramine disinfection process. Additionally, bioslime was a likely cause for buildup within the distribution pipe network.

These water quality issues have since been addressed by the issuance of this 2026 Engineer's Bond Report.

6.3.1.1 STAGE 2 DISINFECTION BY-PRODUCT COMPLIANCE MONITORING PROGRAM

The Master Plan recommended retaining a consultant to develop a Stage 2 Disinfectant and Disinfection By-Product Compliance Monitoring Plan for small drinking water utilities to stay in compliance (Chapter 62-550 F.A.C.) This rule establishes a maximum contamination level in the drinking water of disinfectant by-products. The disinfectant by-products to be limited are chloroform, monochloroacetic acid and trichloroacetic acid.

6.3.2 CAPACITY DRIVEN PROJECTS

The Master Plan revealed infrastructure improvements were needed to meet the level of service for fire flow events and water age. Water age is the amount of time the water remains in the distribution system from the treatment plant until it reaches the consumer. However, these recommendations may change based on the new MWTP and the hydraulic modeling efforts being conducted by Haskell CDM Smith. For that reason, funding is proposed in the amount per the Master Plan, but the projects will be defined in greater detail when the new potable water hydraulic model is completed. These projects are expected to fall into two different categories:

- Water Main Capacity Improvements: Upsizing of existing water mains and installation of new mains.
- Water Main Looping: Connection of dead-end water mains to reduce water age and enhance water quality and pressure.

The Master Plan recommended a project to address emergency failures of the Intracoastal Waterway Crossing. This proposed project has been included for funding in this report since it is separate from the Haskell CDM Smith modeling efforts. The Intracoastal Waterway Crossing Failure Emergency Response Plan includes preparation of a written emergency response plan that identifies the actions the CRBUSD would take in the event of a failure of either of the existing (or proposed) water main Intracoastal Waterway crossings. Failures could potentially be caused by age of the pipe, accidental impact, or accident during the construction of the proposed water main Intracoastal Waterway crossing. The emergency response plan should be prepared by a consultant with expertise in writing emergency response plans that address marine pipeline failures.

6.3.3 RENEWAL AND REPLACEMENT PROJECTS

A portion of the existing water distribution system has reached the end of its useful life. The Master Plan examined the major assets that required renewal and replacement to maintain CRBUSD water distribution reliability for the next 20 years. Additionally, the "*Capital Improvement Planning Utility Integration Sewer CCTV Selection Technical Memorandum"* by CMA issued May 5, 2023, provided an updated review of the infrastructure rehabilitation needs. The pipe network consisted of pipes, valves, hydrants, customer meters, etc.

Water distribution cast iron (CI) and asbestos cement (AC) piping was installed in the 1960s or earlier. Therefore, the pipes with these material contents would reach the end of useful life requiring replacement. AC piping replacement is considered the highest priority. A higher likelihood of failure is anticipated, especially if there is any adjacent construction. Depending on the specific project conditions, both cast iron and asbestos cement may be replaced via pipe bursting to reduce the restoration and disturbance to the community. Galvanized steel (GS) piping is typically a smaller diameter and will need to be upsized to meet current regulatory standards. Therefore, GS piping will not be a candidate for pipe bursting.

At the issuance of this 2026 Bond Report, minor modifications have been made in the potable water lines within the service area. Pipes have been replaced as breaks occur, and the pipe material quantities have changed minimally.

Table 6-2 Water Main Pipe Length by Material

Pipe Length by Material (Feet)					
Diameter (Inches)	**Asbestos Cement**	**Cast Iron**	**Galvanized Steel**	**Unknown Material**	**Total**
Unknown				19,710	19,710
1	124	235		2,085	2,444
2	11,701	915	11,778	3,839	28,233
3	46,768	645		63	47,476
4	83,792	2,047		175	86,014
6	247,595	16,646		3,134	267,375
8	52,952	1,971		3,378	58,301
10	71,802	3,377		1,160	76,339
12	19,041	4,495		934	24,470
14	10,879	560		3	11,442
16	3,424	3,864		621	7,909
18		22			22
20		25		25	50
26	29				29
30	320	53			373
Total	**548,427**	**34,855**	**11,778**	**35,127**	**630,187**

14-inch Intracoastal Waterway Crossing Pipeline Replacement

The Master Plan assessed the pipeline is at the end of its useful life and requires replacement.

4,000 feet of 14-inch diameter piping via Horizonal Directional Drilling (HDD) plus new 20-inch diameter piping via open cut.

Miscellaneous Pipe Replacement

The Master Plan recommended a Renewal and Replacement line item for uncertainties and unplanned emergency repairs. The estimated total quantity of various pipe diameters follows:

25,000 feet of 6-inch diameter piping

25,000 feet of 8-inch diameter piping

25,000 feet of 10-inch diameter piping

25,000 feet of 12-inch diameter piping

Aerial Crossing Replacement

The condition of aerial crossings is critical as leaking pipes could contaminate the surface water system or cause a safety hazard for the public. Replacement of aerial crossing pipeline, both water and wastewater, have been included based on a previous CIP.

The aerial crossing pipelines occur at the C-17 Canal and the M-Canal. Both pipelines were identified as critical, and the projects were completed.

6.3.4 BACKFLOW PREVENTER REPLACEMENT

A backflow preventer is an assembly that prevents contamination from entering the water distribution system. The Master Plan recommended replacing all of the backflow preventers in the water distribution system.

Table 6-3 presents the existing Backflow Preventors owned by the CRBUSD.

Table 6-3 CRBUSD Owned Backflow Preventors

Diameter (inches)	Type	Quantity
4	Reduced Pressure Zone	44
6	Reduced Pressure Zone	28
8	Reduced Pressure Zone	14
10	Reduced Pressure Zone	10

6.3.5 FIRE HYDRANT REPLACEMENT

The Master Plan sourced *Taking Stock of Your Water System, A Simple Asset Inventory for Very Small Drinking Water Systems* by the United States Environmental Protection Agency (USEPA) issued in 2004. Fire hydrants have an estimated useful life of 40 years. The Master Plan assumed that all fire hydrants installed in or before 1989 required inspection in order to be rehabilitated or to be replaced in the next 20 years from this 2013 report date. The hydrants should be inspected within a period of one (1) year. The Master Plan estimated 923 fire hydrants should be replaced.

6.3.6 ANNUAL LARGE WATER METER REPLACEMENT

The CRBUSD identified all existing large commercial water meters (4-inches and larger) need replacement with an Automatic Meter Reading (AMR) type meter. At the time of the 2013 Master Plan, no information for numbers and locations was provided. The CRBUSD staff estimated an annual budget of $50,000 as commercial water meter information becomes available.

6.3.7 AUTOMATIC FLUSHING DEVICE REPLACEMENT

In 2010, five (5) automatic flushing devices were installed in the CRBUSD water distribution system. Ten (10) years are the estimated useful life of the equipment. A schedule is recommended to replace the automatic flushing devices when the useful life is reached. The CRBUSD has begun the upgrade process.

6.3.8 WATER PRESSURE MONITORING STATION REPLACEMENT

The Master Plan indicated the CRBUSD had seventeen (17) system water pressure monitoring stations. Each station is equipped with a pressure meter, remote telemetry, radio, antenna and conduit with wire. The expected useful life is fifteen (15) years. The Master Plan recommended a schedule to replace the water pressure monitoring station equipment.

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6.4 WASTEWATER COLLECTION AND TRANSMISSION SYSTEM

6.4.1 CAPACITY DRIVEN PROJECTS

Infrastructure improvements were needed to meet the level of service for pressure and flow. The improvements presented below were taken from the Master Plan. The three (3) force mains were the following:

- Avenue U (Strozier Street Force Main) replaced existing 12-inch diameter wastewater force main with new 16-inch force main via open-cut construction was completed.

- C-17 Canal Force Main replaces the existing 8-inch diameter force main 1,200 LF with 16-inch diameter force main. There was a subaqueous C-17 Canal required crossing with an estimated 2,000 feet of 16-inch diameter force main via open-cut construction was completed

- Lift Station 4 Force Main replace existing 6-inch and 8-inch diameter force main and replace with new 10-inch force main via open-cut construction.

Table 6-4 details those findings for years 2012, 2015, 2020, 2025 and 2030.

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Table 6-4 Force Main Inadequate Capacity

Description	Approx. Length (Feet)	Existing Diameter (Inches)	Flow Velocity (Feet Per Second)				
			2012	2015	2020	2025	2030
Avenue U (Strozier Street) Force Main: The existing wastewater force main along Strozier Street from W 12th Street (near lift station 29) to the canal between W 11th Street and W 10th Street (nearby lift station 50). Project Completed in 2025	800	12	10	10	10	10	10
C-17 Canal Force Main: The existing force main interconnecting lift station 47 and Lift Station 50 starting on the west side of the C-17 canal is 16-inch diameter whereupon it changes to 8-inch diameter just west of the canal, crosses the canal and continues west to Congress Avenue at which point it changes to 16-inch diameter again. Project Completed 2025	1,200	8	11	11	11	11	11
Lift Station 4 Force Main: The existing lift station 4 force main is composed of approximately 300 feet of 6-inch and 8-inch diameter force main that interconnects with an existing 18-inch diameter transmission pipe that runs east to west along the canal south of West 13th Street.	300	6 & 8	9	9	9	9	9

The hydraulic modeling showed three (3) lift stations with inadequate capacity over years 2012, 2015, 2020, 2025 and 2030. The three (3) targeted lift stations were the following:

- Lift Station 4 required an increased capacity pump upgrade.
- Lift Station 1A has begun to be studied with continuing improvements.
- Lift Station 12 requires an upgrade to meet future performance conditions.

Several lift stations were identified with inadequate capacity based on hydraulic modeling results as presented in ***Table 6-5***.

Table 6-5 Lift Stations with Inadequate Capacity

Lift Station	Wet Well					Run Time (Hour Per Day Per Duty Pump)					Comments
	2012	2015	2020	2025	2030	2012	2015	2020	2025	2030	
LS - 1A	S	S	S	S	S	10	10	11	11	12	Note 1
LS - 4	S	S	S	S	S	14	15	16	17	22	

Legend: S: wet well surcharges
Note 1: Lift Station 1A is under study with ongoing improvements.

6.4.1.1 LIFT STATION 47 OVERFLOW

The Master Plan referenced conversations with the CRBUSD indicating an overflow issue with Lift Station 47. Hydraulic modeling was prepared and indicated the lift station capacity was adequate up to the year 2030 for performance conditions. The Master Plan recommended additional studies that targeted mechanical, electrical or control issues not already addressed by the wastewater transmission system hydraulic modeling. The additional studies recommendation is part of the R & R projects listed later in this report summary.

6.4.1.2 IMPROVEMENTS CURRENTLY UNDERWAY

In the Master Plan, the CRBUSD staff indicated Lift Station 6 near the marina was old, would be replaced and renamed. The new Lift Station 6A would be relocated to a different site. The existing Lift Station 6 was a can type station and was slated to be abandoned in place. At the time of the 2013 Master Plan, no major wastewater infrastructure improvement projects were conducted.

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6.4.2 REGULATORY DRIVEN IMPROVEMENTS

The following recommendations address capital improvement needs due to existing compliance issues.

6.4.2.1 EMERGENCY POWER

Emergency power is required for wastewater collection and transmission systems to maintain reliable service. The FAC Chapter 62-604 states that lift stations receiving flow from pump stations via force main or lift station discharge pipes of 12 inches or greater must have continuous pumping capabilities. In addition, the remaining lift station configurations may utilize emergency pumping by connecting the station to at least two (2) independent utility substations. The connections could be through portable or in-place engine-driven generating equipment. In the alternative, the lift station could be powered by portable pumping equipment. The emergency backup systems must have adequate capacity to start and maintain total rated running capacity of the station.

Lift Stations No.10 and No. 47 were identified as requiring emergency power improvements at the time of the 2013 Master Plan. As a result, CMA completed the design of the emergency power for six (6) lift stations within the service area including Lift Station 47. The generator types entail both portable and permanent backup systems. Currently, the project is out to bid and should be constructed in 2027. The station number and generator type are listed here.

- Lift Station No. 4 Portable Generator
- Lift Station No. 12 Portable Generator
- Lift Station No. 20 Portable Generator
- Lift Station No. 37 Permanent Generator
- Lift Station No. 47 Permanent Generator
- Lift Station No. 48 Portable Generator

The CRBUSD has obtained five (5) new portable generators for lift stations and wells. An additional four (4) portable generators are anticipated in March 2026. Lift Station 1A will have a new 300 kW generator installed in the short term.

6.4.2.2 PROTECTION FROM LIGHTNING AND POWER SURGES

FAC 62-604.400(2)(b) requires lift stations to be protected from lightning strikes, power surges and phase protection. Several lift stations require electrical protection systems. These improvements are included in the Renewal and Replacement section of the report.

6.4.3 RENEWAL AND REPLACEMENT IMPROVEMENTS

The Master Plan recommended renewal and replacement needs for the CRBUSD wastewater infrastructure. The wastewater infrastructure includes wastewater collection system, wastewater lift stations and wastewater transmission system piping.

6.4.3.1 VITRIFIED CLAY PIPE LINING

CRBUSD wastewater service area contained approximately 170 miles of gravity sewers. Vitrified clay pipe lining makes up 165 miles of the 170 miles of gravity sewers. The clay pipe joints were constructed of a bell and spigot type sealed with cement mortar prior to the 1970s. In the early 1970s, the standard changed to apply a compression joint and coupling at the factory to eliminate leaking, inflow and infiltration to the gravity sewer system. The older style joints are a concern for leakage. Further, mature tree roots are a known issue with the gravity system in certain communities. The recommendation was to create a 20-year schedule to replace 200,000 feet of 8-inch diameter pipe lining using cured in place methods.

6.4.3.2 GRAVITY SEWER PIPE REPLACEMENT

From the USEPA "Clean Water and Drinking Water Infrastructure Gap Analysis Report dated September 2002, the expected useful life of gravity sewer piping was eighty (80) to 100 years. For the CRBUSD service area that installed gravity sewer pipes prior to 1950s, these pipes would reach their useful life within 20 years. The CRBUSD showed documentation that the gravity sewer pipes were installed after 1950. However, to account for uncertainty and emergency repairs, an R & R line item should be addressed for a 20-year plan.

- 15,000 feet of 6-inch diameter gravity sewer piping
- 15,000 feet of 8-inch diameter gravity sewer piping

6.4.3.3 FORCE MAIN PIPE REPLACEMENT

From the USEPA "Clean Water and Drinking Water Infrastructure Gap Analysis Report" September 2002, the average expected useful life of a wastewater force main was twenty-five (25) years. However, the 2013 Master Plan estimated seventy-five (75) years based on the materials used in the CRBUSD service area. The wastewater piping installed in 1960 or earlier was expected to reach its useful life in the next 20 years.

A parallel Intracoastal force main exists that moves the collected wastewater from the Singer Island Lift Station 10 to the mainland Lift Station 1A. The estimated age of the pipe system was from the 1950's. The wastewater force main has a 16-inch diameter. The recommendation is to replace the force main with a 16-inch diameter pipe in parallel to the existing aged force main.

Therefore, the aged piping would need to be replaced. The replacement schedule is shown by pipe diameter in ***Table 6-6***.

Table 6-6 Force Main Pipe Replacement

Diameter (Inches)	Pipe Length (Feet)
4	5,100
6	1,600
8	1,300
10	3,000
16	11,800
Total	**22,800**

6.4.3.4 WASTEWATER LIFT STATIONS

As part of the Master Plan, field inspections were conducted for the wastewater lift stations. CMA is currently working on a prioritization list. The key assets were evaluated and follow:

Mechanical

- Pumps
- Aboveground Piping and Valves
- Odor Control

Structural

- Concrete (wet well, valve vault, pump building or enclosure)
- Metal Hatches
- Doors, Windows and Louvers
- Coatings

Electrical

The CRBUSD is moving to a new SCADA system with secure cellular commutations. New LS panels have been designed and 44 are on order. New Well panels have also been designed and will be ordered soon. All older panels not recently built will be replaced. Additional improvements are proposed for the following elements:

- Main Power Breakers
- Emergency Power (if present)
- Automatic Transfer Switches (if present)
- Motor Control Centers (MCC)
- Variable Frequency Drives (if present)
- Solid State Soft Starters (if present)
- Panelboards
- Field Instrumentation
- Local Control Panels
- Programmable Logic Controllers (if present)
- Remote Telemetry (radio and antenna)

6.4.3.4.1 EXPECTED USEFUL LIFE OF LIFT STATIONS

The expected useful life of the assets was determined on the installation date of service. Consideration was given to the year any rehabilitation was performed. Finally, the known or estimated average useful life was part of the determination. The CRBUSD records provided lift station installation or rehabilitation. The average useful life was taken from the USEPA document *"Clean Water and Drinking Water Infrastructure Gap Analysis Report* from September 2002. A lift station average expected life is fifteen (15) years for mechanical and electrical equipment. For concrete structure, the average expected life is fifty (50) years.

6.4.3.5 MWTP BOND FUNDED PROJECTS

The proposed MWTP requires supporting infrastructure to work in coordination. Ancillary infrastructure, buildings and civil site development projects are included with the MWTP bond instrument. These projects are divided into seven (7) packages and are described as Guaranteed Maximum Price (GMP) 1 through 7.

GMP 1 Early Works Package (WTP & Building Civil Site Development - Approved)

This project is approved by the City of Riviera Beach and entails the site civil work associated with the planned Avenue L Membrane Water Treatment Plant and Building. Site Civil Development consists of stormwater drainage, paving & grading, and landscaping. The Site Utility Piping Development encompasses sewer, fire, and potable water infrastructure.

GMP 2 Initial Wells (Groundwater Supply Wells - Approved)

This project is approved by the City of Riviera Beach and is the construction of two (2) Surficial Aquifer System (SAS) Wells (2015-A & 2015-B). Additionally, two (2) Floridan Aquifer System (FAS) Wells (F-1 and F-5) with the potential to construct four (4) additional wells in a future GMP amendment contract (F-2, F-3, F-4 and F-6).

F-1 & F-5 supply wells are to be constructed in conformance with the state regulatory agency construction permits and state Florida Department of Environmental Protection and Florida Department of Health Palm Beach County regulatory standards governing public water supply wells.

The two (2) SAS Wells (2015-A & 2015-B) will provide raw water into the existing raw water transmission main. The construction is in conformance with the state regulatory agency construction permits and state Florida Department of Environmental Protection and Florida Department of Health Palm Beach County regulatory standards governing public water supply wells.

GMP-3 Balance of Wells (Water Supply Wells FAS - Approved)

This project is approved by the City of Riviera Beach and is the construction of four (4) new FAS wells and the full completion of six (6) FAS wells (F-1 through F-6). Wellfield improvements will be made to feed the new membrane water treatment facility to be constructed at a later date.

GMP-4 Deep Injection Well (WTF CIW and DZMW Wells - Approved)

This project is approved by the City of Riviera Beach and is the construction of one (1) new deep concentrate injection well (CIW) and one (1) dual-zone monitoring well (DZMW). The CIW and DZMW will be used for concentrate disposal from the new membrane water treatment facility. The wells are in conformance with the state regulatory agency construction permits and state Florida Department of Environmental Protection and Florida Department of Health Palm Beach County regulatory standards governing public water supply wells.

GMP-5 Water Treatment Facility Design-Build (Balance of Plant - Approved)

This project is approved by the City of Riviera Beach and entails the major components to construct a new 14.0 MGD membrane water treatment plant expandable to 16.0 MGD. Two (2) raw water supply wells will feed the new water treatment plant. The facility will include ancillary infrastructures, chemical storage and feed system, an administration and laboratory building. The additional buildings will be utilized for full plant operations and community services.

GMP-6 Raw Water Conveyance (Approval Pending)

The raw water conveyance will connect the finished water lines of the new MWTP to the existing structure system.

GMP-7 Finish Water (Approval Pending)

The finished water will connect all the new influent from the Floridan wells to the new MWTP. ***Table 6-7*** details the bond funded GMP projects associated with the new MWTP.

Table 6-7 GMP 1-7

Description	Date	PO Number	Original Contract ($)	Change Orders ($)	Current Contract ($)	Invoiced to-date Through Oct 2025 ($)	Balance to Completion ($)	Funding	Total Project Cost				Balance to Complete w/Change-Order Allowance
									Total Project Cost ($)	Include Reimb.	2026 Project ($)	Percent	Total Remaining $
Phase I Preconstruction Services	11/2/2022	20231509	16,965,766.00	2,422,818.02	19,388,584.02	16,014,149.76	3,374,434.26	ARPA	19,388,584.02		-	0.00%	3,374,434.26
GMP 1 Early Works Package	3/12/2024	20242381	5,997,142.00		5,997,142.00	3,137,635.55	2,859,506.45	Series 2026	6,172,712.72	Yes	6,172,712.72	1.52%	3,035,077.17
GMP 2 Initial Wells	12/6/2024	20250943	13,689,658.27		13,689,658.27	7,616,345.79	6,073,312.48	Series 2026	14,090,433.04	Yes	14,090,433.04	3.47%	6,474,087.25
GMP 3 Balance of Wells	3/5/2025	20252486	23,695,058.17		23,695,058.17	872,929.67	22,822,128.50	Series 2026	24,388,748.35	Yes	24,388,748.35	6.01%	23,515,818.68
GMP 4 Deep Injection Well	9/4/2025	20255777	28,425,040.54		28,425,040.54	1,272,301.94	27,152,738.60	Series 2026	29,257,204.42	Yes	29,257,204.42	7.21%	27,984,902.48
GMP 5 Balance of Plant			280,720,278.00		280,720,278.00		280,720,278.00	Series 2026	288,938,569.70	Yes	288,938,569.70	71.15%	288,938,569.70
GMP 6 Raw Water			30,000,000.00		30,000,000.00		30,000,000.00	Series 2026	30,878,271.97	Yes	30,878,271.97	7.60%	30,878,271.97
GMP 7 Finish Water			12,000,000.00		12,000,000.00		12,000,000.00	Series 2026	12,351,308.79	Yes	12,351,308.79	3.04%	12,351,308.79
TOTAL Haskell/CDM			**411,492,942.98**	**2,422,818.02**	**413,915,761.00**	**28,913,362.71**	**385,002,398.29**						
USD Change Order Allowance @ 3%							11,550,072.00	Series 2026	425,465,833.00		406,077,248.98	100.00%	396,552,470.29
Future GMP 8 Existing WTP Decommissioning				-	-	-	-	Series 2026	-		-	0.00%	
Future GMP 9 Utility Operations Building				-	-	-	-	Series 2026	-		-	0.00%	
Total Water Plant Project											406,077,248.98	100.00%	
USD Other related costs (Contingency, furnished materials, project oversight, accelerate corrosion control improvements, Utilities, Decommissioning, Owner furnished commodities)							32,000,000.00	Impact Fees/R&R/Cash					
TOTAL			**411,492,942.98**	**2,422,818.02**	**413,915,761.00**	**28,913,362.71**	**428,552,470.29**						

6.4.3.5.1 RECOMMENDATIONS

The recommendations include renewing or replacing the lift stations. Replacement entails abandoning the existing lift station and constructing a new lift station on the same or different site. Renewing the lift station means to replace components at end of useful life, such as the following:

- Pumps, motors and electrical panels
- Local control panels, field instruments, radio, antenna and antenna mast
- Valve vaults with new precast concrete vault, hatch, piping and valves
- Piping within the wet well
- Piping between wet well and the valve vault
- Clean, repair and coat interior surface of existing wet well

Table 6-8 summarizes the lift stations requiring improvements and a description of the proposed scope of work. For a future lift station rehabilitation schedule, the years were updated from the 2013 Master Plan beginning from 2024.

Table 6-8 Lift Station Renewal and Replacement Projects

Project Name	Project Description
Lift Station 50 Replacement	Completed new Lift Station 50 and demolition of old Lift Station 50 is in progress
Replace Lift Stations 11, 13, 14, and 16	Replace the existing can type lift stations (11, 13, 14, and 16) with a submersible type of station. Note that this work will be performed with grant funding and therefore is not included in the CIP.
Lift Station Rehabilitation – Phase 1	Rehabilitate up to 15 lift stations over the period 2024 to 2029.
Lift Station Rehabilitation – Phase 2	Rehabilitate up to 10 lift stations over the period 2030 to 2034.
Lift Station Rehabilitation – Phase 3	Rehabilitate up to 5 lift stations over the period 2035 to 2039.
Odor Study	Conduct odor study at lift stations 1A and 12.
Lift Station 47 Rehabilitation	Perform study as soon as possible to assess operational issues with lift station 47 pumps, historical overflows, and configuration of the existing wet well. Includes rehabilitation of lift station along with installation of a new 400 kilowatt generator to replace the existing generator.

6.5 PROJECT SUMMARY

A summary of the proposed project improvements is presented in ***Table 6-9***. The projects are separated by type.

Table 6-9 Proposed Project Summary

Type	Description
Water Supply, Treatment, Storage and Pumping	New WTP - Preconstruction
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 1 - Early Works Package
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 2 - Initial Raw Water Wells
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 3 - Balance of Raw Water Wells
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 4 - Deep Injection Well
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 5 - Balance of Plant Construction
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 6 - Raw Water Piping
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 7 - Finished Water Piping
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 8 - WTP Plant Decommissioning
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 9 - Operations Maintenance Building
Water Supply, Treatment, Storage and Pumping	New WTP - Grant Proceeds Allocated to GMP 5
Water Supply, Treatment, Storage and Pumping	Raw Water Well Improvements
Water Supply, Treatment, Storage and Pumping	Raw Water Wells Major Maintenance
Water Supply, Treatment, Storage and Pumping	Water Meters Replacement

Type	Description
Water Supply, Treatment, Storage and Pumping	Wells Rehabilitation And Construction
Water Supply, Treatment, Storage and Pumping	General Water Improvements
Water Supply, Treatment, Storage and Pumping	Additional Capital Project - Future Project Allowance
Water Supply, Treatment, Storage and Pumping	Budgetary Capital Outlay
Water Distribution System	Arial Crossing Rehabilitation
Water Distribution System	Fire Hydrant Valve Replacement
Water Distribution System	Intracoastal Water Main
Water Distribution System	Intracoastal Water Main
Water Distribution System	Underground On Call Contractor
Water Distribution System	Water Main Renewal And Replacement
Water Distribution System	Booster Station Pump Replacement
Water Distribution System/ Wastewater Collection and Transmission Systems	City Wide Road Infrastructure
Water Distribution System/ Wastewater Collection and Transmission Systems	Lift Stations And Wells Generators
Water Distribution System/ Wastewater Collection and Transmission Systems	Scada Replacement
Wastewater Collection and Transmission Systems	Intracoastal Force Main
Wastewater Collection and Transmission Systems	Lift Station 48 Culvert
Wastewater Collection and Transmission Systems	Lift Station 16 Rehabilitation
Wastewater Collection and Transmission Systems	Lift Station 47 Rehabilitation

Type	Description
Wastewater Collection and Transmission Systems	Lift Station Communication Upgrade
Wastewater Collection and Transmission Systems	Lift Station Emergency Generators
Wastewater Collection and Transmission Systems	Lift Station 47 Emergency Generator
Wastewater Collection and Transmission Systems	Lift Station 5 Emergency Generators
Wastewater Collection and Transmission Systems	Lift Station Pump Replacement
Wastewater Collection and Transmission Systems	Lift Stations Rehabilitation
Wastewater Collection and Transmission Systems	Lift Stations Upgrade
Wastewater Collection and Transmission Systems	Canal Crossings C-17 And M Canal
Wastewater Collection and Transmission Systems	Wastewater System Renewal And Replacement
Wastewater Collection and Transmission Systems	Lift Stations 3 Stations Upgrade
Wastewater Collection and Transmission Systems	General Wastewater Improvements
Wastewater Collection and Transmission Systems	Additional Capital Project - Future Project Allowance
Wastewater Collection and Transmission Systems	Budgetary Capital Outlay
Wastewater Collection and Transmission Systems - Gravity	Sanitary Sewer System Relining

7. REGULATORY REVIEW

A cursory regulatory review was performed to determine what permits will need to be obtained for the proposed improvements. This section reviews the potential permits broken down by the type of project.

7.1 MWTP AND ANCILLARY STRUCTURES PERMITS

The Draft BODR compiled a list of associated permits, certifications, approvals and regulations necessary for the proposed water treatment plant and ancillary structures. The FDEP and the Florida Department of Health Palm Beach County have regulatory authority in relation to constructing public water system components, creating air emissions, hazardous storage and collections systems. The USEPA maintains standards for maximum levels of inorganic, synthetic and secondary contaminants, and VOC.

With regard to the water treatment plant and ancillary structures, the Florida Building Code, the City of Riviera Beach and the Fire Rescue Deparments have jurisdiction. The construction will adhere to sustainable building standards, electrical codes, and the American with Disabilities Act (ADA) requirements. Further, the City of Riviera Beach Community Development Department provides guidance for traffic regulations, right-of-way easement requirements and land development. In addition, the Florida Department of Transportation (FDOT) requires utility, driveway and access drainage review. The Florida East Coast (FEC) Railway will receive an application for facility and utility installation. South Florida Water Management District (SFWMD) issues well related water use permits.

For a granular description of regulatory permits, certifications, approvals and regulations, a list is presented.

1. FDEP and Florida Department of Health Palm Beach County
    a. Application for a Specific Permit to Construct Public Water System Components
    b. Certification for Specific Permit to Construct Public Water System Components and Conveyance Systems
    c. Air Emissions Permit
    d. Accidental Release Prevention Program (ARPP)
    e. Storage Tank Compliance
        i. Above Ground Storage Tank Registration
    f. Hazardous Material Storage Requirements
    g. Environmental Resource Permit
    h. Collection Systems
2. USEPA
    a. Maximum Contaminant Levels
        i. Maximum Levels for Inorganic, Synthetic, and Secondary Contaminants
        ii. Maximum Levels for Volatile Organic Compounds
        iii. Per- and Polyfluoroalkyl Substances

3. Florida Building Code
    a. Sustainable Building
    b. Electric Code
    c. American Disabilities Act (ADA) Requirements
4. City of Riviera Beach Planning and Zoning
    a. Traffic Regulations
    b. Right-of-Way Division (Easement Requirements)
    c. Land Development Division
5. Rescue Department Requirements
    a. Fire Protection.
6. CRBUSD Requirements
7. Hazardous Material Storage Requirements
8. Stormwater Water Pollution Prevention (SWPP) Requirements
9. Pipeline Encroachments
10. Dredging/De-mucking Filling Requirements
11. Environmental Mitigation Requirements
12. Well Drilling Requirements
13. Canal Crossing Requirements
14. Railroad Crossing Requirements
15. Noise Requirements
16. Permit List and Schedule
    a. Water Use Permit
    b. Well Construction Permit
    c. FDEP Variances
    d. FDEP Generic NPDES Permit
    e. FDEP Industrial Wastewater Discharge Permit
    f. FDEP Underground Injection Control Permit

7.2 ADDITIONAL WATER SUPPLY PERMITS

Other water supply projects will require permits from the Florida Department of Health Palm Beach County and the City of Riviera Beach Building Department.

7.3 WATER DISTRIBUTION SYSTEM PERMITS

Projects within the water distribution system will require permits from the Florida Department of Health Palm Beach County. They will also require a right-of-way permit from the right-of-way owner, which includes the City of Riviera Beach, Palm Beach County Land Development Division, Florida Department of Transportation, South Florida Water Management District, and the US Coast Guard.

7.4 WASTEWATER COLLECTION AND TRANSMISSION SYSTEM PERMITS

Pipeline projects, both gravity sewer and force main, will require permits from the Florida Department of Health Palm Beach County and the right-of-way owner City of Riviera Beach, Palm Beach County Land Development Division, Florida Department of Transportation, South Florida Water Management District, and the US Coast Guard.

Lift station improvements may require permits from the City of Riviera Beach Building Department, West Palm Beach Building Department, Palm Beach County Building Department, and the Florida Department of Health Palm Beach County.

7.4.1 WASTEWATER SPILLAGE REPORT LIFT STATION 47

7.4.1.1 PURPOSE

From the FDEP Florida Division of Emergency Management State Watch Office Wastewater Spillage Report For Lift Station 47, this documents the occurrence, response actions, and regulatory compliance associated with a reported wastewater release within the City of Riviera Beach sanitary sewer system. The complete Spillage Report is shown in the Appendix

7.4.1.2 INCIDENT DESCRIPTION

On September 30, 2022, at approximately 3:33 AM, a wastewater release occurred at a lift station located at 6522 N. Haverhill Road, Riviera Beach, Florida. The incident was attributed to a power failure/equipment malfunction, resulting in the discharge of untreated wastewater. The release was reported to the State Watch Office at approximately 11:28 AM on the same day and classified as a local incident involving a municipal wastewater system.

7.4.1.3 QUANTITY AND DURATION

- Estimated Volume Released: 850 gallons
- Release Start Time: Approximately 3:33 AM
- Release End Time: Approximately 4:45 AM
- Duration: 1 hour

The discharge consisted of raw sewage from a lift station and was contained within the facility limits.

7.4.1.4 ENVIRONMENTAL IMPACT ASSESSMENT

Based on available reporting:

- Surface Waters Impact: None
- Stormwater System Impact: None
- Drinking Water Sources Impact: None
- Off-Site Migration: None

The release was fully contained on-site within a water reclamation facility, and no adverse environmental impacts were identified.

7.4.1.5 RESPONSE AND CORRECTIVE ACTIONS

Upon identification of the release, the City implemented immediate response measures that include:

- Rapid cessation of the discharge following restoration of operations
- Deployment of vacuum truck services for recovery of wastewater
- Application of lime stabilization for disinfection and odor control
- Completion of site cleanup activities

All cleanup actions were reported as complete on the same day.

7.4.1.6 HEALTH AND SAFETY

- Injuries: None reported
- Fatalities: None reported

No public health impacts were identified.

7.4.1.7 REGULATORY COMPLIANCE

The incident was reported in accordance with applicable state requirements to the Florida Division of Emergency Management State Watch Office. Based on the information provided:

- The release was minor in volume and short in duration
- The release was contained on-site with no environmental or public health impacts
- Appropriate response and remediation actions were implemented promptly

The incident appears to be in compliance with applicable reporting and response requirements under Florida regulatory frameworks, which include FDEP spill reporting expectations.

7.4.1.8 CONCLUSION

The wastewater release at the Riviera Beach lift station on September 30, 2022, was a localized, low-volume incident resulting from a power-related equipment issue. The City of Riviera Beach responded promptly, effectively contained the release, and completed all necessary cleanup actions without environmental or public health impacts.

No further corrective action appears warranted beyond standard operational and maintenance review.

7.4.1.9 RECOMMENDATIONS (OPTIONAL - FOR PROPOSAL USE)

To minimize risk of recurrence further:

- Evaluate backup power reliability (generators/ATS systems)
- Implement SCADA alarm redundancy and real-time notifications
- Conduct preventative maintenance review of lift station equipment
- Consider overflow contingency planning and storage capacity review

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8. OPINION OF PROBABLE PROJECT COSTS

Cost estimates were prepared based on information provided by past reports, previous studies, and historical project bids. Costs were calculated based on 2025 - 2026 dollars. An escalation factor was determined to be 3% per year. The construction contingency is estimated as 30% and the engineering fees as 25%. The engineering fees include design, permitting, construction administration, and project closeout.

If a cost estimate were provided in a previous report, then the estimate utilized for this report was escalated to 2024 dollars using the above methodology.

8.1 COST ESTIMATING ACCURACY

8.1.1 COST ESTIMATE CLASSIFICATION AND ESCALATION ASSUMPTIONS

The opinion of probable construction cost presented herein is based on a Class 5 (Order-of-Magnitude) estimate in accordance with the Association for the Advancement of Cost Engineering (AACE) International Cost Estimate Classification System. This classification reflects the conceptual level of project definition available at the time of this evaluation, which is generally estimated at approximately 0% to 2% design completion.

The expected accuracy range for this estimate is as follows:

- Low Range: –30% to –50%
- High Range: +30% to +100%

This range reflects uncertainties associated with limited design development, evolving scope, market volatility, and unknown site conditions typical at this stage of planning.

Average Escalation (2026–2030): ~4.1% per year

This escalation rate is consistent with recent trends published by:

- Engineering News-Record (ENR Construction Cost Index)
- Historical infrastructure cost growth in South Florida municipal markets

Supply chain conditions have generally stabilized since the COVID-19 pandemic. However, the construction market continues to experience cost variability due to inflationary pressures, labor constraints, and fluctuating material costs. Extended lead times remain a consideration for key equipment, including pumps, electrical gear, instrumentation and controls (I & C), and treatment systems. CMA recommends that the CRBUSD continues to evaluate the project costs based on the current market conditions.

8.2 DESCRIPTION OF COST ESTIMATING METHODOLOGY

The unit prices used in the cost estimates (when not presented in a previous report) were developed by first considering the costs for the utility components, such as pipe, fittings, valves, fire hydrants, water services, sewer services, cleanouts, manholes, manhole rehabilitation, gravity sewer Cure in Place Pipe (CIPP) liner, and air release valves. The cost for these individual components was obtained from the past project bids. Restoration costs were then taken into consideration including backfill, subgrade, road base rock, asphalt, concrete sidewalk, driveways, curbing, sod, landscape, and irrigation.

For this conceptual level estimate, a number of assumptions had to be made that are typical of an average project. The assumptions for a pipeline replacement project include:

- 90% of the existing pipe will be grouted and abandoned; 10% of the existing pipe will be removed.
- Trench width for pipe installation is 10 feet wide.
- 50% of the new pipe will be under pavement; 20% will be under concrete; and 30% will be in landscape areas.

Pipeline addition projects will include the same assumptions except for costs related to existing pipes. Additional assumptions for water distribution projects are:

- Pipes less than 12-inches in diameter:
  - Four (4) valves will be installed every 2,000-feet.
  - Two (2) water services will be installed every 50-feet.
  - One (1) fire hydrant will be installed every 300-feet.
- Pipes 12-inches in diameter or greater:
  - One (1) valve will be installed every 1,000-feet.
  - One (1) air release valve will be installed every 1,000-feet.

Assumptions for force main projects are the same as the larger diameter water main. Assumptions for gravity sewer rehabilitation are:

- One (1) manhole will be rehabilitated every 350-feet
- One point repair will occur every 2,000-feet

With these assumptions, a unit price for the different types of pipeline projects was developed as follows:

- Water main replacement less than 12-inches in diameter: $37/linear foot/inch-diameter
  - Water mains involving rear-to-front conversion: $47/linear foot/inch-diameter
  - Water mains replaced via pipe bursting: $26/ linear foot/inch-diameter
- Water main replacement 12-inches in diameter and greater: $16/linear foot/inch-diameter
- Force main: $16/linear foot/inch-diameter
- Gravity sewer replacement: $21/linear foot/inch-diameter
- Gravity sewer rehabilitation: $12/linear foot/inch-diameter

Recent construction cost indices indicate annual escalation in the range of approximately 3.5% to 5.0% for 2025, with similar increases projected through 2026. The MWTP design was at 10% and did not include the pretreatment system and the larger ground storage tank. The 10% design did include some items that have since been eliminated, such as the Avenue U Maintenance Building, Existing Plant demolition, etc. The 2025-2026 cost estimate has increased approximately 35.7% from the original estimate, see *Table 8-1*.

Table 8-1 CIP Cost Escalation 2025-2026

Estimate Date	Design Level	Amount
05/26/2023	10% Design	$ 298,599,727
12/23/2025	90% Design	$ 405,000,000

These increases are driven primarily by labor cost growth and material price volatility. For planning purposes, an annual escalation rate of 4.0% has been applied, with higher contingency allowances recommended for long-duration or material-intensive projects

The quantity of pipe was determined for each project area, and the base construction cost was calculated using the above values. Costs for each water and wastewater improvement project are included in Section 9.

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9. CAPITAL IMPROVEMENT PLAN

The CRBUSD identified critical capital improvement projects to maintain a reliable water and wastewater level of service. In order to develop a financial forecast and plan for funding, the projects are categorized by priority, timeframe and associated costs. The manner of capital improvements is described as renewal, replacement, or both renewal and replacement. The project priority is determined by several methods, such as desktop computer modeling, visual site inspections, equipment age, system capacity, water quality, regulatory deficiencies, facility security needs and forecasted population growth. After a close examination of the infrastructure, the capital improvement projects are scheduled as "Fiscal Year (FY) 2026", "FY 2026 To 2030" in *Table 9-1 CIP.*

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Table 9-1 CIP

2026 Bond Report Capital Improvement Plan - Project Appropriation and Spend			Fiscal Year Ending September 30,					Total CIP
Type	Description	Funding	2026	2027	2028	2029	2030	2026 - 2030
Water Supply, Treatment, Storage and Pumping	New WTP - Preconstruction [2]	Grants	$ 3,138,224	$ 236,210	$ -	$ -	$ -	$ 3,374,434
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 1 - Early Works Package [3]	Series2026 W	$ 2,822,622	$ 212,455	$ -	$ -	$ -	$ 3,035,077
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 2 - Initial Raw Water Wells [3]	Series2026 W	$ 2,524,894	$ 3,754,971	$ 194,223	$ -	$ -	$ 6,474,087
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 3 - Balance of Raw Water Wells [3]	Series2026 W	$ 7,289,904	$ 13,404,017	$ 2,821,898	$ -	$ -	$ 23,515,819
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 4 - Deep Injection Well [3]	Series2026 W	$ 8,675,320	$ 15,951,394	$ 3,358,188	$ -	$ -	$ 27,984,902
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 5 - Balance of Plant Construction [3]	Series2026 W	$ 51,508,943	$ 173,363,142	$ 63,566,485	$ -	$ -	$ 288,438,570
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 6 - Raw Water Piping [3]	Series2026 W	$ 6,175,654	$ 19,453,311	$ 5,249,306	$ -	$ -	$ 30,878,272
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 7 - Finished Water Piping [3]	Series2026 W	$ 1,976,209	$ 9,634,021	$ 741,079	$ -	$ -	$ 12,351,309
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 8 - WTP Plant Decommissioning [3] [4]	O&M	$ -	$ -	$ -	$ -	$ 4,504,000	$ 4,504,000
Water Supply, Treatment, Storage and Pumping	New WTP - GMP 9 - Operations Maintenance Building [3] [4]	Series2026 W	$ -	$ -	$ -	$ -	$ -	$ -
Water Supply, Treatment, Storage and Pumping	New WTP - Grant Proceeds Allocated to GMP 5	Grants	$ 500,000	$ -	$ -	$ -	$ -	$ 500,000
Water Supply, Treatment, Storage and Pumping	Raw Water Well Improvements	Series2026 W	$ 3,902,931	$ 1,030,000	$ -	$ -	$ -	$ 4,932,931
Water Supply, Treatment, Storage and Pumping	Raw Water Wells Major Maintenance	R&R	$ 1,040,820	$ 309,000	$ 318,300	$ 327,900	$ 371,580	$ 2,367,600
Water Supply, Treatment, Storage and Pumping	Water Meters Replacement	R&R	$ 632,657	$ 257,500	$ 265,250	$ 273,250	$ 281,500	$ 1,710,157
Water Supply, Treatment, Storage and Pumping	Wells Rehabilitation And Construction	Grants	$ 500,000	$ -	$ -	$ -	$ -	$ 500,000
Water Supply, Treatment, Storage and Pumping	General Water Improvements	Prior Bonds	$ 107,580	$ -	$ -	$ -	$ -	$ 107,580
Water Supply, Treatment, Storage and Pumping	Additional Capital Project - Future Project Allowance	R&R	$ -	$ -	$ -	$ -	$ -	$ -
Water Supply, Treatment, Storage and Pumping	Budgetary Capital Outlay	RateRev	$ 250,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 1,450,000
Water Distribution System	Arial Crossing Rehabilitation	Series2026 W	$ 1,800,000	$ -	$ -	$ -	$ -	$ 1,800,000
Water Distribution System	Arial Crossing Rehabilitation	R&R	$ -	$ 515,000	$ 265,250	$ 273,250	$ 337,800	$ 1,391,300
Water Distribution System	Fire Hydrant Valve Replacement	R&R	$ 215,000	$ 60,000	$ 60,000	$ 75,000	$ 75,000	$ 485,000
Water Distribution System	Intracoastal Water Main	Prior Bonds	$ 215,199	$ -	$ -	$ -	$ -	$ 215,199
Water Distribution System	Intracoastal Water Main	Series2026 W	$ 16,550,000	$ -	$ -	$ -	$ -	$ 16,550,000
Water Distribution System	Underground On Call Contractor	R&R	$ 815,686	$ 515,000	$ 530,500	$ 546,500	$ 619,300	$ 3,026,986

2026 Bond Report Capital Improvement Plan - Project Appropriation and Spend			Fiscal Year Ending September 30,					Total CIP
Type	Description	Funding	2026	2027	2028	2029	2030	2026 - 2030
Water Distribution System	Water Main Renewal And Replacement	R&R	$ 4,686,240	$ 1,287,500	$ 1,326,250	$ 1,420,900	$ 1,520,100	$ 10,240,990
Water Distribution System	Booster Station Pump Replacement	Prior Bonds	$ 15,555	$ -	$ -	$ -	$ -	$ 15,555
Water Distribution System/ Wastewater Collection and Transmission Systems	City Wide Road Infrastructure	R&R	$ 7,313,747	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 15,313,747
Water Distribution System/ Wastewater Collection and Transmission Systems	Lift Stations And Wells Generators	RevFund	$ 949,656	$ 283,250	$ 265,250	$ 273,250	$ 281,500	$ 2,052,906
Water Distribution System/ Wastewater Collection and Transmission Systems	Scada Replacement	Prior Bonds	$ 274,329	$ -	$ -	$ -	$ -	$ 274,329
Wastewater Collection and Transmission Systems	Intracoastal Force Main	Prior Bonds	$ 417,046	$ -	$ -	$ -	$ -	$ 417,046
Wastewater Collection and Transmission Systems	Intracoastal Force Main	WW-ND1 NE	$ 16,000,000	$ 6,180,000	$ -	$ -	$ -	$ 22,180,000
Wastewater Collection and Transmission Systems	Lift Station 48 Culvert	R&R	$ 2,960	$ -	$ -	$ -	$ -	$ 2,960
Wastewater Collection and Transmission Systems	Lift Station 16 Rehabilitation	Grants	$ 500,000	$ -	$ -	$ -	$ -	$ 500,000
Wastewater Collection and Transmission Systems	Lift Station 47 Rehabilitation	Series2026 W	$ 21,055,358	$ -	$ -	$ -	$ -	$ 21,055,358
Wastewater Collection and Transmission Systems	Lift Station 47 Rehabilitation	Prior Bonds	$ 1,331,878	$ -	$ -	$ -	$ -	$ 1,331,878
Wastewater Collection and Transmission Systems	Lift Station Communication Upgrade	Series2026 W	$ 3,585,090	$ 1,030,000	$ 1,061,000	$ -	$ -	$ 5,676,090
Wastewater Collection and Transmission Systems	Lift Station Emergency Generators	RevFund	$ 138,741	$ -	$ -	$ -	$ -	$ 138,741
Wastewater Collection and Transmission Systems	Lift Station No. 47 Emergency Generator	R&R	$ 16,675	$ -	$ -	$ -	$ -	$ 16,675
Wastewater Collection and Transmission Systems	Lift Station 5 Emergency Generators	R&R	$ 17,308	$ -	$ -	$ -	$ -	$ 17,308
Wastewater Collection and Transmission Systems	Lift Station Pump Replacement	R&R	$ 285,902	$ 154,500	$ 159,150	$ 174,880	$ 180,160	$ 954,592
Wastewater Collection and Transmission Systems	Lift Stations Rehabilitation	R&R	$ 2,233,033	$ 412,000	$ 424,400	$ 437,200	$ 450,400	$ 3,957,033
Wastewater Collection and Transmission Systems	Lift Stations Upgrade	Prior Bonds	$ 2,172,028	$ -	$ -	$ -	$ -	$ 2,172,028
Wastewater Collection and Transmission Systems	Canal Crossings C-17 And Canal M	Series2026 W	$ 5,034,000	$ -	$ -	$ -	$ -	$ 5,034,000
Wastewater Collection and Transmission Systems	Wastewater System Renewal And Replacement	R&R	$ 4,657,260	$ 1,287,500	$ 1,326,250	$ 1,420,900	$ 1,520,100	$ 10,212,010
Wastewater Collection and Transmission Systems	Lift Stations 3 Stations Upgrade	Grants	$ 2,258,793	$ -	$ -	$ -	$ -	$ 2,258,793
Wastewater Collection and Transmission Systems	General Wastewater Improvements	Prior Bonds	$ 107,580	$ -	$ -	$ -	$ -	$ 107,580
Wastewater Collection and Transmission Systems	Additional Capital Project - Future Project Allowance	R&R	$ -	$ -	$ -	$ -	$ -	$ -
Wastewater Collection and Transmission Systems	Budgetary Capital Outlay	RateRev	$ 750,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,550,000
Wastewater Collection and Transmission Systems - Gravity	Sanitary Sewer System Relining	R&R	$ -	$ -	$ -	$ -	$ -	$ -
Total			**$ 184,444,821**	**$ 251,830,771**	**$ 84,432,779**	**$ 7,723,030**	**$ 12,641,440**	**$ 541,072,842**

10. CONCLUSION

The mission of the City of Riviera Beach Utility Special District is to supply safe and reliable drinking water to the customers. Further, sanitary sewer collection and transmission are provided with uninterrupted service. To meet the needs of the customers, a water and wastewater utility must consider several key elements. Those considerations are water quality, capacity, infrastructure maintenance and regulatory standards.

Paramount is supplying clean and safe potable water to the customers. To ensure excellent water quality, the groundwater supply must be safeguarded, and the water treatment plant must meet the processing challenges of South Florida aquifers. The City of Riviera Beach has a growing population from approximately 45,000 today to a projected 60,000 in 2045. The current maximum finished water demand is approximately 12 MGD, which is forecasted to be 17MGD in 2045.

Further, the water supply and distribution systems require continuing maintenance due to the infrastructure and many components installed from the 1950's. All assets have an estimated useful life, and many system components have reached theirs within the service area. Finally, a water utility not only serves its customers but is in service to regulatory agencies with current and future standards. The CRBUSD must continually update, replace and construct to comply with the administrative agencies oversight.

Chen Moore and Associates, Inc. has reviewed a past master plan, operational reports, technical memorandums and relevant water utility data. The Engineer's Bond Report summarizes the capital improvements required to meet the water and sanitary sewer needs of the community. The proposed MWTP is appropriately sized for capacity. The bond funding for the new MWTP and other proposed priority projects outlined in this report should receive full support.

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11. REFERENCES

The Engineer's Bond Report source information provided by the CRBUSD staff; published literature; outside consultants' analyses of existing and future water system infrastructure and processes; and two (2) CMA technical memorandums.

1. Haskell Company and CDM Smith (October 2023) "*City of Riviera Beach Utility Special District Water Treatment Facilities Draft Basis of Design Report"*.
2. Hazen and Sawyer (February 2013) "*City of Riviera Beach Utility Special District Water and Wastewater Master Plan"*.
3. Holtz Consulting Engineers, Inc. (February 2, 2023)*"Wellfield Rehabilitation Prioritization and Capital Improvement Plan: Technical Memorandum"*.
4. Chen Moore and Associates, Inc. (May 5, 2023) *"Capital Improvement Planning Utility Integration Sewer CCTV Selection: Technical Memorandum*".
5. Chen Moore and Associates, Inc. (September 5, 2023) "*Capital Improvement Planning Utility Integration Utility Improvement Prioritization Methodology: Technical Memorandum*".

This area is left intentionally blank.

12. APPENDIX

Table 12-1 Master Plan-CMA Project Numbers

Project Title	Master Plan Project Number	CMA Assigned Project Number	Type	Purpose
MWTP and Ancillary Structures	N/A	WS 1	**Water Distribution System**	Regulatory, Renewal & Replacement
Miscellaneous Temporary WTP Repairs	N/A	WS 2	**Water Distribution System**	Renewal & Replacement
Salt Water Monitoring Well	WELLREG002	WS 3	**Water Distribution System**	Regulatory
Groundwater Sanitary Survey	WELLREG003	WS 4	**Water Distribution System**	Regulatory
Repair and Replacement of Existing Wells	WELLRR006	WS 5	**Water Distribution System**	Renewal & Replacement
NSI Repump Station	WDSREG004	WS 6	**Water Distribution System**	Regulatory
Stage 2 Disinfection By-Product Compliance Monitoring Program	WDREG007	WD 1	**Water Distribution System**	Regulatory
North Singer Island Large Water Main	WDSC001	WD 2	**Water Distribution System**	Capacity
Port of Palm Beach Water Main	WDSC003	WD 3	**Water Distribution System**	Capacity
Water Main Looping	WDSC009	WD 4	**Water Distribution System**	Capacity
Rear-to-Front Water Main Conversion	WELLRR007, WDSRR002, WDSRR003	WD 5	**Water Distribution System**	Renewal & Replacement
Water Main Capacity Improvements	WDSC015	WD 6	**Water Distribution System**	Capacity
Intracoastal Waterway Crossing Failure Emergency Response Plan	WDSC017	WD 7	**Water Distribution System**	Capacity

Project Title	Master Plan Project Number	CMA Assigned Project Number	Type	Purpose
AC Pipe Replacement	WELLRR007	WD 8	Water Distribution System	Renewal & Replacement
Cast Iron Pipe Replacement	WDSRR002	WD 9	Water Distribution System	Renewal & Replacement
Galvanized Steel Pipe Replacement	WDSRR003	WD 10	Water Distribution System	Renewal & Replacement
14-inch Intracoastal Waterway Crossing Water Main Replacement	WDSRR005	WD 11	Water Distribution System	Renewal & Replacement
Miscellaneous Pipe Replacement	WDSRR006	WD 12	Water Distribution System	Renewal & Replacement
Backflow Preventer Replacement	WDSRR007	WD 13	Water Distribution System	Renewal & Replacement
Fire Hydrant Replacement	WDSRR008	WD 14	Water Distribution System	Renewal & Replacement
Annual Large Water Meter Replacement	WDSRR009	WD 15	Water Distribution System	Renewal & Replacement
Automatic Flushing Device Replacement	WDSRR010	WD 16	Water Distribution System	Renewal & Replacement
Water Pressure Monitoring Station Replacement	WDSRR011	WD 17	Water Distribution System	Renewal & Replacement
Avenue U (Strozier Street) Force Main - Completed	WWCAP001	WW 1	Wastewater Collectionand Transmission Systems	Capacity
16-inch Intracoastal Waterway Crossing Force Main	WDSC002	WW 3	Wastewater Collection and Transmission Systems	Renewal & Replacement
M-Canal Force Main Replacements - Completed	WWRR013	WW 4	Wastewater Collection and Transmission Systems	Renewal & Replacement
Lift Station 4 Rehabilitation	WWRR010	WW 5	Wastewater Collection and Transmission Systems	Capacity

Project Title	Master Plan Project Number	CMA Assigned Project Number	Type	Purpose
Lift Stations 1A and 12 Upgrades	WWRR011	WW 6	Wastewater Collection and Transmission Systems	Renewal & Replacement
Lift Station 47 Study and Rehabilitation	WWRR012	WW 7	Wastewater Collection and Transmission Systems	Renewal & Replacement
Lift Station Emergency Power Improvements	WWRR011	WW 8	Wastewater Collection and Transmission Systems	Regulatory
Lift Station Lightning and Power Surge Protection	WWRR011	WW 9	Wastewater Collection and Transmission Systems	Regulatory
Lift Station Rehabilitation Phase 1	WWRR007	WW 10	Wastewater Collection and Transmission Systems	Renewal & Replacement
Lift Station Rehabilitation Phase 2	WWRR008	WW 11	Wastewater Collection and Transmission Systems	Renewal & Replacement
Lift Station Rehabilitation Phase 3	WWRR009	WW 12	Wastewater Collection and Transmission Systems	Renewal & Replacement
Lift Station Rehabilitation Phase 4	WWRR010	WW 13	Wastewater Collection and Transmission Systems	Renewal & Replacement
VCP Lining Program	WWRR002	WW 14	Wastewater Collection and Transmission Systems	Renewal & Replacement
Gravity Sewer Replacement Program	WWRR003	WW 15	Wastewater Collection and Transmission Systems	Renewal & Replacement

WASTEWATER SPILLAGE REPORT

Contact: Pamela Lape @ (561) 837-5947/837-5900(Ext. 6) Fax (561) 837-5476
Off-hours, weekends, holidays: (561) 881-1888 (Medical VIP Answering Service)
Email- FDOHPB-Spills@flhealth.gov

Name of Utility & Facility ID#: City of Riviera Beach Utility Special District - FLA041360
Contact person: Brandon Ingraham, Collections Superintendent **Phone #:** 561-845-4185 or 561-797-5172
Date and time of Incident: 09/30/2022 @ 3:33am
Description of Incident: Pump failure at the lift station (LS 47)

Cause of Incident: Malfunctions with the air compressor for the air pressuer transducer.

Location of Incident (Address & Lat./ Longs.): 6522 N Haverhill Rd. 26.773108 -80.115795 Lift Station #47

Final amount spilled: 850 gallons
(Attach a separate sheet explaining how you arrived at this amount if needed)
Estimated affected area: The ground, a few storm drains and the canal to the south of the lift station.

Corrective Actions: Reset air compressors and blow out the air lines

Bodies of water affected: Yes **(Immediate Sampling Required)**
Storm Drains affected: Yes
Signs/Notification and Actions: N/A

Clean Up: Applied hydrated lime and vacuumed with Vac-Truck; cleaned storm drain catch basins.

Disinfected With: Hydrated Lime

Back to Normal: Yes **Date:** 09/30/2022 **Time:** 4:45
Comments:
When the mechanic arrived he turned the pumps on by hand brcause the pumps would not turn on in the auto position.

The Health Department & FDEP/SED- Denise Watts @ (561) 681-6701 & via e-mail: Denise.Watts@floridadep.gov & SED.Wastewater@FloridaDEP.gov must be notified **within 24-hours for *any* amount of spillage and this report.**
Spills or ***any*** discharge to surface waters **must** be called to the State Watch Office at **1-800-320-0519 & DEP Pollution Notification database: https://floridadep.gov/pollutionnotice.**

Florida Department of Health, Palm Beach County
Division of Environmental Public Health
800 Clematis Street-4th Floor
West Palm Beach, FL 33401
PHONE: 561-837-5900
FloridaHealth.gov, palmbeach.floridahealth.gov

PHAB Accredited Health Department
Public Health Accreditation Board

Outlook

FW: Public Notice of Pollution - Initial Notice

From Ingraham, Brandon <bingraham@rivierabeach.org>
Date Fri 9/30/2022 12:33 PM
To Watts, Denise <Denise.Watts@FloridaDEP.gov>; Lape, Pamela K <Pamela.Lape@flhealth.gov>
Cc Williams, Anthony C. <ACWilliams@rivierabeach.org>; Low, Michael RT. <mrtlow@rivierabeach.org>

EXTERNAL MESSAGE
This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

From: no-reply@dep.state.fl.us <no-reply@dep.state.fl.us>
Sent: Friday, September 30, 2022 12:29 PM
To: Ingraham, Brandon <bingraham@rivierabeach.org>; Ingraham, Brandon <bingraham@rivierabeach.org>
Subject: Public Notice of Pollution - Initial Notice

FLORIDA DEPARTMENT OF
Environmental Protection

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Pollution Notice

Thank you for submitting a Public Notice of Pollution for a reportable Incident in compliance with Section 403.077, F.S.

Your DEP Incident ID is **16832**. Please use this ID during any future correspondence with the Department concerning this Incident.

To update the information you have entered please click the link the below:
Update My Notice

Type of Notice: Initial Report
Date of Notice: 09/30/2022

Incident Information

Name of Incident: Lift Station 47 pump failure
State Watch Office Case Number: 20227736
Start of Incident: 09/30/2022 03:35 AM
End of Incident: 09/30/2022 04:45 AM

Incident Description

Florida Division of Emergency Management State Watch Office Incident Report Main Information Report #: 2022-7736 Status: Closed Assigned To: DEP Reported to SWO on: 9/30/2022 11:28 ET Severity: Local Incident Description: Wastewater Release This situation involves: Wastewater or Effluent Release Affected Sectors: DEP District - Southeast, DEP OER West Palm - Day Initial Report: Representative with the City of Riviera Beach reported 850 gallons of wastewater were released from a lift station due to power failure. No waterways were impacted. Clean up actions are complete. Injuries: No Fatalities (Unconfirmed by State Medical Examiner): No Environmental impact: No Incident Occurred: 9/30/2022 03:33 ET Most Recent Update Date/Time: 09/30/2022-12:22 ET Most Recent Update: N/A Affected Counties: Indian River Facility Name or Description: Incident Location: Address: 6522 N Haverhill Rd City: Riviera Beach Map Coordinates: Lat: 26.7731, Long: -80.11609 Contact Information Reporting Party: Name: Brandon, City of Riviera Beach |Call Back Number 1: 561-797-5172 |Address: Responsible Party: Unknown On-Scene Contact: Unknown Wastewater or Effluent Sub-Type: Wastewater Situation: Past Report Description: Wastewater Release Public Water System ID or Permit Number: FLA041360 Type of System: Municipal Release occurred from a: Lift Station Release occurred from a: Raw sewage Release Cause: Equipment Release status: Ceased Date release ceased: 9/30/2022 Time release ceased: 04:45 ET Release contained on-site at a water reclamation facility: Yes Amount of release, in gallons: 850 gallons Release enter a storm water system: No Affected waterway a source of drinking water: No Status of Cleanup Actions: Complete Description of clean-up actions: lime, vacuum truck Notification 09/30/2022-12:24 / DEM-Thomas bingraham@rivierabeach.org The State Watch Office values your feedback; please take a 1 minute survey about this notification. Under Florida law, correspondence with the Florida Division of Emergency Management concerning agency business that is neither confidential nor exempt pursuant to Florida Statutes is a public record and will be made available to the public upon request.

Incident Location

Facility/Installation Name: City of Riviera Beach Lift Station #47
Address Line 1: : 6522 North Haverhill Road Riviera Beach
Address Line 2:
Directions: Blue Heron Blvd to N Congress Ave Turn left onto N Congress Av Follow FL-710 W/Dr Martin Luther King Jr Blvd/M.L.K. Jr Blvd to Dyer Blvd Continue on Dyer Blvd. Drive to Haverhill Rd in West Palm Beach 6522 Haverhill Rd West Palm Beach, FL 33407
City: Riviera Beach
State: FL
Zip Code: 33404
Coordinates (in decimal degrees):
Lat: 26.773142950451945, Long: -80.11577724980252
Click to view Incident Location

Impacted Counties: Palm Beach
Updated Impact:

Incident Reported By
Name: Brandon Ingraham
Title: Collections Superintendent
Phone: (561) 797-5172
Ext:
E-mail Address: bingraham@rivierabeach.org
Relationship: Operator of the Facility/Installation

On-Site Contact
Name: Brandon Ingraham
Phone: (561) 797-5172
Ext:
E-mail Address: bingraham@rivierabeach.org

To view a list of all received Public Notices of Pollution or to modify your e-mail subscription settings, please click the link below:
Public Notice of Pollution

Florida Department of Environmental Protection

EXTERNAL SENDER
This email originated outside of the organization. Please do not click links or open attachments unless you recognize the sender and know the content is safe.

Please be advised that the City of Riviera Beach is a public entity subject to Florida's broad public records law under Chapter 119, Florida Statutes. Most written communications, including email addresses, to or from City of Riviera Beach employees and elected officials regarding city business are public records and are available to the public and the media upon request. Your email communications may therefore be subject to public disclosure. If you do not want your email address to be subject to disclosure as a public record, please do not send electronic mail to the City of Riviera Beach. Instead, contact the City by telephone at (561) 845-4000.

FLORIDA DEPARTMENT OF
Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Receipt for Submission
Sanitary Sewer Overflow Reporting

Thank you for submitting a Report of a Sanitary Sewer Spill or Overflow Incident in accordance with 62-620.610 and/or 62-604.550, F.A.C. You have indicated that this is the final closeout report for this incident.

Your DEP Incident ID is TBD. Please use this ID during any future correspondence with the Department concerning this incident.

Type of Notice: Initial Report
Date of Notice: TBD

Incident Information
Name of Incident: SSO - LS 47
State Watch Office Report Number: 2023-0419
PNP Incident Number:
Start of Incident: 01/14/2023 14:00
End of Incident: 01/14/2023 14:20
Incident Description: Malfunction of the air compressor bubbling system RTU caused the wet well to overflow. Affected area 20 ft by 20 ft. 650 Gallons released; 500 recovered. Dry canal next to lift station affected. Reset air compressors and increased pressure to air bubbling system RTU; disinfected with hydrated lime. State Watch Report # 2023-419
Wastewater Type: Untreated
Cause: Overflow
Spill Volume: 650
Volume Recovered: 500
Waterbodies Impacted: NA
Clean-up Status: Complete
Clean-up Actions: Vacuumed/pump truck, Applied disinfectant, Applied lime, Washed down area
Agencies Notified: FDEP - Denise Watts FDOH PB - Pamela Lape

Incident Location
Address Line 1: 6522 N. Haverhill Road
Address Line 2:
Directions: N. haverhill road and Carribbean Blvd
City: West Palm Beach
State: FL
Zip Code: 33407
County: Palm Beach

Coordinates (in decimal degrees):
Lat: 26.773150507617952 Long: -80.11571073532228
Other Impacted Counties: Palm Beach

Facility Information
Facility ID : FLA041360
Facility/Installation Name : East Central Regional Water Reclamation Facility
Operating Entity Name : NA
Address Line 1 : 4325 N Haverhill Rd
Address Line 2 :
Facility/System Type : DOMESTIC WASTEWATER
City : West Palm Beach
State : FL
Zip Code : 33417

Incident Reported By
Name : Anthony Williams
Affiliation : Compliance Manager
Phone : (561) 845-3415
Email Address: acwilliams@rivierabeach.org
Relationship : Operator of the Facility/Installation

On-Site Contact
Name : Brandon Ingraham
Phone : (561) 797-5172
Email Address: bingraham@rivierabeach.org

WASTEWATER SPILLAGE REPORT

Contact: Pamela Lape @ (561) 837-5947/837-5900(Ext. 6) Fax (561) 837-5476
Off-hours, weekends, holidays: (561) 881-1888 (Medical VIP Answering Service)
Email- FDOHPB-Spills@flhealth.gov

Name of Utility & Facility ID#: City of Riviera Beach Utility Special District - FLA041360
Contact person: Brandon Ingraham, Collections Superintendent **Phone #:** 561-845-4185 or 561-797-5172
Date and time of Incident: 01/14/2023 @ 2:00PM
Description of Incident: Malfunction of the air compressor bubbling system RTU caused the wet well to overflow

Cause of Incident: Malfunctions with the air compressor for the air pressure RTU

Location of Incident (Address & Lat./ Longs.): 6522 N. Haverhill Rd. (26.773108 -80.115795); Lift Station #47

Final amount spilled: 650 gallons
(Attach a separate sheet explaining how you arrived at this amount if needed)
Estimated affected area: 20 ft x 20 ft around the wet well.

Corrective Actions: Reset air compressors and increased pressure to air bubbling system RTU

Bodies of water affected: Yes **(Immediate Sampling Required)**
Storm Drains affected: Yes
Signs/Notification and Actions: N/A

Clean Up: Applied hydrated lime and vacuumed with Vac-Truck; cleaned storm drain catch basins.

Disinfected With: Hydrated Lime

Back to Normal: Yes **Date:** 01/14/2023 **Time:** 2:20 PM
Comments:
State Watch Office Number 2023-419

The Health Department & FDEP/SED- Denise Watts @ (561) 681-6701 & via e-mail: Denise.Watts@floridadep.gov & SED.Wastewater@FloridaDEP.gov must be notified **within 24-hours for *any* amount of spillage and this report.**
Spills or ***any*** discharge to surface waters **must** be called to the State Watch Office at **1-800-320-0519 & DEP Pollution Notification database: https://floridadep.gov/pollutionnotice.**

Florida Department of Health, Palm Beach County
Division of Environmental Public Health
800 Clematis Street-4th Floor
West Palm Beach, FL 33401
PHONE: 561-837-5900
FloridaHealth.gov, palmbeach.floridahealth.gov

PHAB Accredited Health Department
Public Health Accreditation Board

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	Cit of Riviera Beach Utility Special District
*Permit Number:	FLSS0A479 (collection system) FLA041360 (treatment facility)
*Facility Type:	Domestic
*County:	Palm Beach
*Reporter Name:	Melisa Rotteveel, US Water Services
*Reporter Phone:	866-753-8292
*Reporter Email:	mrotteveel@uswatercorp.net
*Reporter Address:	4939 Cross Bayou Boulevard, New Port Richey, FL 34652
*Responsible Party Name:	City of Riviera Beach Utility Special District
*Responsible Party Address:	600 Blue Heron Boulevard, Riviera Beach, FL 33404
*Responsible Party Phone:	561-845-4185
*Responsible Party Email:	Utilities@rivierabeach.org

Who was contacted?

DEP	State Watch Office	Other
*Date and Time: 2/19/2025 10:17	*Date and Time: 2/19/2025 11:38	*Date and Time: 2/19/2025 12:23
*Person contacted: SED Wastewater	*Incident Number: 2025-1557	*Person contacted: DEP Pollution Notice

Spill Information

*Spill Characteristic / Wastewater: Untreated

*Type Source: Lift station (# 47)

*Area affected: Ground

*Date / Time Discharge Began: 2/19/2025 02:30

*Amount Discharged (in gallons): 850.00

*Amount Recovered (in gallons): 700.00

*Date / Time Discharge Ceased: 2/19/2025 03:10

*Physical Address: 6522 N Haverhill Road, Riviera Beach 33407

*Latitude/Longitude: 26.773097949085333, -80.11567130416599

*Malfunction/Cause: Power

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☐ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☑ Vacuumed/Pump Truck
- ☐ Applied Disinfectanct
- ☑ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☐ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☐ Other

Sampling results / Field readings:

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

On February 19, 2025, at approximately 1:25 AM, the control room issued an emergency call reporting a three-phase power loss at Lift Station 47, located at 6522 N. Haverhill Road. Upon arrival at the site, District staff confirmed that the station had begun spilling untreated wastewater at approximately 2:30 AM.Technicians successfully started the backup generator and restored pump operation, ceasing the discharge by 3:10 AM. It is estimated that a total of 850 gallons of untreated wastewater was discharged during the event. The discharge affected the grounds at the station, an adjacent storm drain, and a nearby canal. A vac truck was used to recover 700 gallons of the spilled wastewater from the affected ground, storm drain, and canal. The remaining volume of wastewater seeped into the affected grounds.

***Future Preventative Measures:**

Florida Power & Light (FPL) responded promptly to address the power loss issue, and full commercial power was restored. The station returned to normal operations as of 8:30 AM. The affected area of the grounds were limed and cleaned.

WASTEWATER SPILLAGE REPORT

Contact: Pamela Lape @ (561) 837-5947/837-5900(Ext. 6) Fax (561) 837-5476
Off-hours, weekends, holidays: (561) 881-1888 (Medical VIP Answering Service)
Email- FDOHPB-Spills@flhealth.gov

Name of Utility & Facility ID#: City of Riviera Beach Utility Special District (FLSS0A479)
Contact person: Melisa Rotteveel, US Water Services **Phone #:** 866-753-8292
Date and time of Incident: 02/19/2025 1:25 am
Description of Incident: On February 19, 2025, at approximately 1:25 AM, the control room issued an emergency call reporting a three-phase power loss at Lift Station 47 Upon arrival at the site, District staff confirmed that the station had begun spilling untreated wastewater at approximately 2:30 AM.Technicians successfully started the backup generator and restored pump operation, ceasing the discharge by 3:10 AM.
Cause of Incident: Commercial power loss

Location of Incident (Address & Lat./ Longs.): 6522 N. Haverhill Road, Riviera Beach 33407
26.773097949085333, -80.11567130416599

Final amount spilled: Estimated spill volume 850 gallons
(Attach a separate sheet explaining how you arrived at this amount if needed)
Estimated affected area: The discharge affected the grounds at the station, an adjacent storm drain, and a nearby canal.

Corrective Actions: Technicians successfully started the backup generator and restored pump operation, ceasing the discharge by 3:10 AM. Florida Power & Light (FPL) responded promptly to address the power loss issue, and full commercial power was restored. The station returned to normal operations as of 8:30 AM.

Bodies of water affected: adjacent canal **(Immediate Sampling Required)**
Storm Drains affected: yes
Signs/Notification and Actions:

Clean Up: A vac truck was used to recover 700 gallons of the spilled wastewater from the affected ground, storm drain, and canal. The remaining volume of wastewater seeped into the affected grounds. The affected area of the grounds were limed and cleaned.

Disinfected With: Lime

Back to Normal: Yes **Date:** 8:30 am **Time:** 02/19/2025
Comments:

The Health Department & FDEP/SED- Denise Watts @ (561) 681-6701 & via e-mail: Denise.Watts@floridadep.gov & SED.Wastewater@FloridaDEP.gov must be notified **within 24-hours for *any* amount of spillage and this report.**
Spills or ***any*** discharge to surface waters **must** be called to the State Watch Office at **1-800-320-0519 & DEP Pollution Notification database: https://floridadep.gov/pollutionnotice.**

WASTEWATER SPILLAGE REPORT

Contact: Pamela Lape @ (561) 837-5947/837-5900(Ext. 6) Fax (561) 837-5476
Off-hours, weekends, holidays: (561) 881-1888 (Medical VIP Answering Service)
Email- FDOHPB-Spills@flhealth.gov

Name of Utility & Facility ID#: City of Riviera Beach Utility Special District (FLSS0A479)
Contact person: Melisa Rotteveel, US Water Services **Phone #:** 866-753-8292
Date and time of Incident: 02/19/2025 1:25 am
Description of Incident: On February 19, 2025, at approximately 1:25 AM, the control room issued an emergency call reporting a three-phase power loss at Lift Station 47 Upon arrival at the site, District staff confirmed that the station had begun spilling untreated wastewater at approximately 2:30 AM.Technicians successfully started the backup generator and restored pump operation, ceasing the discharge by 3:10 AM.
Cause of Incident: Commercial power loss

Location of Incident (Address & Lat./ Longs.): 6522 N. Haverhill Road, Riviera Beach 33407
26.773097949085333, -80.11567130416599

Final amount spilled: Estimated spill volume 850 gallons
(Attach a separate sheet explaining how you arrived at this amount if needed)
Estimated affected area: The discharge affected the grounds at the station, an adjacent storm drain, and a nearby canal.

Corrective Actions: Technicians successfully started the backup generator and restored pump operation, ceasing the discharge by 3:10 AM. Florida Power & Light (FPL) responded promptly to address the power loss issue, and full commercial power was restored. The station returned to normal operations as of 8:30 AM.

Bodies of water affected: adjacent canal **(Immediate Sampling Required)**
Storm Drains affected: yes
Signs/Notification and Actions:

Clean Up: A vac truck was used to recover 700 gallons of the spilled wastewater from the affected ground, storm drain, and canal. The remaining volume of wastewater seeped into the affected grounds. The affected area of the grounds were limed and cleaned.

Disinfected With: Lime

Back to Normal: Yes **Date:** 8:30 am **Time:** 02/19/2025
Comments:

The Health Department & FDEP/SED- Denise Watts @ (561) 681-6701 & via e-mail: Denise.Watts@floridadep.gov & SED.Wastewater@FloridaDEP.gov must be notified **within 24-hours for *any* amount of spillage and this report.**
Spills or ***any*** discharge to surface waters **must** be called to the State Watch Office at **1-800-320-0519 & DEP Pollution Notification database: https://floridadep.gov/pollutionnotice.**

Florida Department of Health, Palm Beach County
Division of Environmental Public Health
800 Clematis Street-4th Floor
West Palm Beach, FL 33401
PHONE: 561-837-5900
FloridaHealth.gov, palmbeach.floridahealth.gov

PHAB Accredited Health Department
Public Health Accreditation Board

From: no-reply@dep.state.fl.us
To: Melisa Rotteveel; Melisa Rotteveel
Subject: Public Notice of Pollution - Initial Notice
Date: Wednesday, February 19, 2025 12:24:47 PM
Attachments: ATT00001.bin

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FLORIDA DEPARTMENT OF Environmental Protection

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Alexis A. Lambert
Secretary

Pollution Notice

Thank you for submitting a Public Notice of Pollution for a reportable Incident in compliance with Section 403.077, F.S.

Your DEP Incident ID is **28551**. Please use this ID during any future correspondence with the Department concerning this Incident.

To update the information you have entered please click the link the below:
Update My Notice

Type of Notice: Initial Report
Date of Notice: 02/19/2025

Incident Information
Name of Incident: City of Riviera Beach LS 47 (WW Spill) 02.19.2025
State Watch Office Case Number: 20251557
Start of Incident: 02/19/2025 02:30 AM
End of Incident: 02/19/2025 03:10 AM

Incident Description
On February 19, 2025, at approximately 1:25 AM, the control room issued an emergency call reporting a three-phase power loss at Lift Station 47, located at 6522 N. Haverhill Road. Upon arrival at the site, District staff confirmed that the station had begun spilling untreated wastewater at approximately 2:30 AM.Technicians successfully started the backup generator and restored pump operation, ceasing the discharge by 3:10 AM. It is estimated that a total of 850 gallons of untreated wastewater was discharged during the event. The discharge affected the grounds at the station, an adjacent storm drain, and a nearby canal. A vac truck was used to recover 700 gallons of the spilled wastewater from the affected ground, storm drain, and canal. The remaining volume of wastewater seeped into the affected grounds. Florida Power & Light (FPL) responded promptly to address the power loss issue, and full commercial power was restored. The station returned to normal operations as of 8:30 AM. The affected area of the grounds were limed and cleaned.

Incident Location
Facility/Installation Name: City of Riviera Beach Collection System (FLSS0A479)
Address Line 1: 600 Blue Heron Boulevard

Address Line 2:
Directions:
City: Riviera Beach
State: FL
Zip Code: 33404
Coordinates (in decimal degrees):
Lat: 26.77316038152157, Long: -80.11572452942318
Click to view Incident Location
Impacted Counties: Palm Beach
Updated Impact:

Incident Reported By
Name: Melisa Rotteveel
Title: US Water Services
Phone: (866) 753-8292
Ext:
E-mail Address: mrotteveel@uswatercorp.net
Relationship: Operator of the Facility/Installation

On-Site Contact
Name: Melisa Rotteveel
Phone: (866) 753-8292
Ext:
E-mail Address: mrotteveel@uswatercorp.net

To view a list of all received Public Notices of Pollution or to modify your e-mail subscription settings, please click the link below:
Public Notice of Pollution

Florida Department of Environmental Protection

From: Brown, Amilio
To: Melisa Rotteveel
Subject: Fw: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill
Date: Friday, March 28, 2025 8:56:36 AM

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

From: Brown, Amilio <abrown@rivierabeach.org>
Sent: Friday, March 28, 2025 8:53 AM
To: Watts, Denise <Denise.Watts@FloridaDEP.gov>; Melisa Rotteveel <mrotteveel@uswatercorp.net>; SED.Wastewater <SED.Wastewater@dep.state.fl.us>; fdohpb-spills@flhealth.gov <fdohpb-spills@flhealth.gov>; Jorge Patino <Jorge.Patino@flhealth.gov>
Cc: Michael Miller <mmiller@uswatercorp.net>; Haywood, Latasha <LHaywood@rivierabeach.org>; Jacobs, Deirdre <DJacobs@rivierabeach.org>
Subject: Re: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill

Good morning
The sewer team pumped water from the canal into the lift station on Tuesday and Wednesday. Over the past few days we did get large amounts of rain filling the canal back up. Please see attached and video attached.

Get Outlook for iOS

From: Watts, Denise <Denise.Watts@FloridaDEP.gov>
Sent: Monday, March 24, 2025 3:41:50 PM
To: Brown, Amilio <abrown@rivierabeach.org>; Melisa Rotteveel <mrotteveel@uswatercorp.net>; SED.Wastewater <SED.Wastewater@dep.state.fl.us>; fdohpb-spills@flhealth.gov <fdohpb-spills@flhealth.gov>; Jorge Patino <Jorge.Patino@flhealth.gov>
Cc: Michael Miller <mmiller@uswatercorp.net>
Subject: RE: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill

Yes, please have sewer staff pump the canal dry. Provide photo documentation of the current condition.
Thank you,

Denise K. Watts
Florida Department of Environmental Protection
Southeast District – DW, IW, Biosolids, DMRs
Environmental Specialist II
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
Denise.Watts@FloridaDEP.gov
Office: 561-681-6701

The Department of Environmental Protection values your feedback as a customer. Please take a few minutes to comment on the quality of service you received by completing the DEP Customer Survey.

Please note: Florida has a very broad public records law. This communication may be subject to public disclosure if it regards state business and is not exempt under Chapter 119, Florida Statutes.

From: Brown, Amilio <abrown@rivierabeach.org>
Sent: Monday, March 24, 2025 3:39 PM
To: Melisa Rotteveel <mrotteveel@uswatercorp.net>; Watts, Denise <Denise.Watts@FloridaDEP.gov>; SED.Wastewater <SED.Wastewater@dep.state.fl.us>; fdohpb-spills@flhealth.gov; Jorge Patino <Jorge.Patino@flhealth.gov>
Cc: Michael Miller <mmiller@uswatercorp.net>
Subject: Re: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill

EXTERNAL MESSAGE
This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Good Afternoon
Because the water is stagnant the sewer staff can pump the canal dry what i observed is the canal is mainly a retention for rain water if this would work i can start as soon as possible.

From: Melisa Rotteveel <mrotteveel@uswatercorp.net>
Sent: Monday, March 24, 2025 2:52 PM
To: Watts, Denise <Denise.Watts@FloridaDEP.gov>; SED.Wastewater <SED.Wastewater@dep.state.fl.us>; fdohpb-spills@flhealth.gov <fdohpb-spills@flhealth.gov>; Jorge Patino <Jorge.Patino@flhealth.gov>
Cc: Michael Miller <mmiller@uswatercorp.net>; Brown, Amilio <abrown@rivierabeach.org>
Subject: RE: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill

Attached please find the draft of the most recent spill monitoring for the City of Riviera Beach.

The results have again climbed. I am told that the affected canal is not free flowing and therefore the water remains stagnant.

Is the City of Riviera Beach USD required to continue to monitor, or may we submit photos of the current conditions for further consideration by the department.

Any assistance and or direction with the above is greatly appreciated.

Respectfully
Melisa

From: Watts, Denise <Denise.Watts@FloridaDEP.gov>
Sent: Monday, March 10, 2025 3:38 PM

To: Melisa Rotteveel <mrotteveel@uswatercorp.net>; SED.Wastewater <SED.Wastewater@dep.state.fl.us>; fdohpb-spills@flhealth.gov; Jorge Patino <Jorge.Patino@flhealth.gov>
Cc: Michael Miller <mmiller@uswatercorp.net>; Brown, Amilio <abrown@rivierabeach.org>; Allen-Davis, Swan <sadavis@rivierabeach.org>; Shawn Tyler <styler@uswatercorp.net>
Subject: RE: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill
Importance: High

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you.

From: Melisa Rotteveel <mrotteveel@uswatercorp.net>
Sent: Monday, March 10, 2025 2:34 PM
To: Watts, Denise <Denise.Watts@FloridaDEP.gov>; SED.Wastewater <SED.Wastewater@dep.state.fl.us>; fdohpb-spills@flhealth.gov; Jorge Patino <Jorge.Patino@flhealth.gov>
Cc: Michael Miller <mmiller@uswatercorp.net>; Brown, Amilio <abrown@rivierabeach.org>; Allen-Davis, Swan <sadavis@rivierabeach.org>; Shawn Tyler <styler@uswatercorp.net>
Subject: RE: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill

EXTERNAL MESSAGE
This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Good afternoon

Attached, please find the additional lab reports and a spreadsheet containing the monitoring results related to the discharge event.
Due to the dry conditions, a representative sample could not be obtained upstream of the discharge point.

Respectfully submitted,

Melisa Rotteveel
Compliance Reporting

U.S. Water Services Corporation
M: (727) 919-1534 **O:** (866) 753-8292
mrotteveel@uswatercorp.net
4939 Cross Bayou Blvd., New Port Richey, FL 34652
uswatercorp.com

From: Melisa Rotteveel
Sent: Tuesday, March 4, 2025 10:11 AM
To: 'Watts, Denise' <Denise.Watts@FloridaDEP.gov>; 'SED.Wastewater' <SED.Wastewater@dep.state.fl.us>; 'fdohpb-spills@flhealth.gov' <fdohpb-spills@flhealth.gov>; 'Jorge Patino' <Jorge.Patino@flhealth.gov>
Cc: Michael Miller <mmiller@uswatercorp.net>; 'Brown, Amilio' <abrown@rivierabeach.org>; 'Allen-Davis, Swan' <sadavis@rivierabeach.org>; Shawn Tyler <styler@uswatercorp.net>
Subject: RE: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill

Good morning,

I am following up on the incident report filed on February 19, 2025, regarding Lift Station 47. Attached, please find the lab reports and a spreadsheet containing the monitoring results related to the discharge event.
Due to the dry conditions, a representative sample could not be obtained upstream of the discharge point.

Upon reviewing the attached documents, please advise if any additional sampling or further actions are necessary at this time.

Respectfully submitted,

Melisa Rotteveel
Compliance Reporting

U.S. Water Services Corporation
M: (727) 919-1534 **O:** (866) 753-8292
mrotteveel@uswatercorp.net
4939 Cross Bayou Blvd., New Port Richey, FL 34652
uswatercorp.com

From: Melisa Rotteveel
Sent: Tuesday, February 25, 2025 4:32 PM
To: 'Watts, Denise' <Denise.Watts@FloridaDEP.gov>; SED.Wastewater <SED.Wastewater@dep.state.fl.us>; fdohpb-spills@flhealth.gov; Jorge Patino <Jorge.Patino@flhealth.gov>
Cc: Michael Miller <mmiller@uswatercorp.net>; 'Brown, Amilio' <abrown@rivierabeach.org>; Allen-Davis, Swan <sadavis@rivierabeach.org>; Shawn Tyler <styler@uswatercorp.net>
Subject: RE: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill

Good afternoon,

I am writing to provide an update to the sampling performed for the recent wastewater discharge (2/19/2025), below please find an outline of the verbal results received.

The initial chain of custody requested analysis for Total Coliform and Fecal Coliform; however, the laboratory mistakenly performed the analysis using the presence/absence method. Upon realizing the error, we contacted the laboratory to correct the analysis and request the parameter E.Coli for the second set of samples collected on 2/21/2025. Unfortunately, the analysis for Total and Fecal Coliform was still conducted,
However, a count was provided for these parameters in the final results. Additionally, E. coli samples were collected on 2/24/2025 and 2/25/2025, with a third round of sampling scheduled for 2/26/2025. I would also like to note that the upstream area has
been dry during these events.

Further updates will be provided as results are received.

If upon your review you have any questions or require additional information or steps to be performed at this time, please advise.

Respectfully
Melisa Rotteveel

City of Riviera Beach (FLSS0A479)
LS 47 (2/19/2025)

		Fecal Coliform	Total Coliform	E.coli	
Date	**Location**	Results	Results	Results	
2/20/25	6522 Haverhill Drive (POE)	P	P		*Presence absence analysis performed
2/20/25	2550 Canterbury Dr N (downstream)	P	P		*Presence absence analysis performed
2/20/25	Upstream (dry)	n/a	n/a		
2/21/25	6522 Haverhill Drive (POE)	4500	7100		
2/21/25	2550 Canterbury Dr N (downstream)	3000	5800		
2/21/25	Upstream (dry)	n/a	n/a		
2/24/25	6522 Haverhill Drive (POE)			7700	
2/24/25	2550 Canterbury Dr N (downstream)			2420	
2/24/25	Upstream (dry)				
2/25/25	6522 Haverhill Drive (POE)				
2/25/25	2550 Canterbury Dr N (downstream)				
2/25/25	Upstream (dry)				

From: Watts, Denise <Denise.Watts@FloridaDEP.gov>
Sent: Thursday, February 20, 2025 9:58 AM
To: Melisa Rotteveel <mrotteveel@uswatercorp.net>; SED.Wastewater <SED.Wastewater@dep.state.fl.us>; fdohpb-spills@flhealth.gov; Jorge Patino <Jorge.Patino@flhealth.gov>
Subject: RE: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill
Importance: High

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Has it rained at this location since the spill? I see water in the canal that was reported to have been dry. The utility may sample for several days so that we can determine the health and safety of the canal.

The State Surface Water Quality Standards requires **E-Coli** sampling. In the past, when spills occurred at this exact location sampling was conducted at:
SP-1 Caribbean W
SP-2 Caribbean W
SP-3 Haverhill S
SP-4 Caribbean E
SP-5 Haverhill W
SP-6 Haverhill E
SP-7 Haverhill /45th St Pond
SP-8 Haverhill /45th St Pond

Since this spill was under 1,000-gallons, the Department would be comfortable with upstream, downstream and POE to make this determination.

P.S. Pamela Lape has left the Palm Beach County Health Department. Please send future correspondence to Jorge Patino Jorge.Patino@flhealth.gov.

Thank you,

Denise K. Watts
Florida Department of Environmental Protection
Southeast District – DW, IW, Biosolids, DMRs
Environmental Specialist **II**
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
Denise.Watts@FloridaDEP.gov
Office: 561-681-6701

The Department of Environmental Protection values your feedback as a customer. Please take a few minutes to comment on the quality of service you received by completing the DEP Customer Survey.

From: Melisa Rotteveel <mrotteveel@uswatercorp.net>
Sent: Thursday, February 20, 2025 6:53 AM
To: Watts, Denise <Denise.Watts@FloridaDEP.gov>; pamela.lape@flhealth.gov; SED.Wastewater <SED.Wastewater@dep.state.fl.us>; fdohpb-spills@flhealth.gov
Subject: FW: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill

EXTERNAL MESSAGE
This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Good morning,

I am writing as a follow up to the incident report filed below and to confirm if as a result of the incident if sampling will be required and to confirm if so, would those locations be for the Point of discharge and downstream; and the analysis required fecal coliform.

Any assistance and or direction with the above is greatly appreciated.

Respectfully

Melisa Rotteveel
Compliance Reporting

U.S. Water Services Corporation

M: (727) 919-1534 **O:** (866) 753-8292
mrotteveel@uswatercorp.net
4939 Cross Bayou Blvd., New Port Richey, FL 34652
uswatercorp.com

From: Melisa Rotteveel
Sent: Wednesday, February 19, 2025 12:50 PM
To: 'denise.watts@FloridaDep.gov' <denise.watts@FloridaDep.gov>; 'pamela.lape@flhealth.gov' <pamela.lape@flhealth.gov>; 'sed.wastewater@floridadep.gov' <sed.wastewater@floridadep.gov>; 'fdohpb-spills@flhealth.gov' <fdohpb-spills@flhealth.gov>; 'Brown, Amilio' <abrown@rivierabeach.org>; 'jjackson@rivierabeach.org' <jjackson@rivierabeach.org>; 'sdoyle@rivierabeach.org' <sdoyle@rivierabeach.org>; 'Jacobs, Deirdre' <DJacobs@rivierabeach.org>; 'jevans@rivierabeach.org' <jevans@rivierabeach.org>; Michael Miller <mmiller@uswatercorp.net>; Shawn Tyler <styler@uswatercorp.net>; 'Ducasse, Samantha' <sducasse@rivierabeach.org>; 'sadavis@rivierabeach.org' <sadavis@rivierabeach.org>; 'Armstrong, John' <JArmstrong@rivierabeach.org>; 'Useche, Viviana' <Viviana.Useche@FloridaDEP.gov>; 'Jonathan.Odjo@FloridaDEP.gov' <Jonathan.Odjo@FloridaDEP.gov>; 'Sirena.Davila@FloridaDEP.gov' <Sirena.Davila@FloridaDEP.gov>; 'Armstrong, John' <JArmstrong@rivierabeach.org>
Subject: City of Riviera Beach Collection System (02.19.2025) (FLSS0A479) Incident Report LS 47 Wastewater Spill

Please find attached the following documents related to the wastewater spill that occurred this morning at Lift Station 47 within the Rivera Beach Collection System. These items provide detailed reporting on the incident.

- Pollution notice
- Wastewater Abnormal Event 5 Day Report
- Wastewater Spillage Report
- Photos of affected area

Upon your review of the attached materials, I would like to respectfully request your guidance regarding whether sampling of the canal will be required in relation to the wastewater spill at Lift Station 47.

Respectfully submitted

Melisa Rotteveel
Compliance Reporting

U.S. Water Services Corporation

mrotteveel@uswatercorp.net
4939 Cross Bayou Blvd., New Port Richey, FL 34652
uswatercorp.com

EXTERNAL SENDER

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Please be advised that the City of Riviera Beach is a public entity subject to Florida's broad public records law under Chapter 119, Florida Statutes. Most written communications, including email addresses, to or from City of Riviera Beach employees and elected officials regarding city business are public records and are available to the public and the media upon request. Your email communications may therefore be subject to public disclosure. If you do not want your email address to be subject to disclosure as a public record, please do not send electronic mail to the City of Riviera Beach. Instead, contact the City by telephone at (561) 845-4000.

EXTERNAL SENDER

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FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	Cit of Riviera Beach Utility Special District
*Permit Number:	FLSS0A479 (collection system) FLA041360 (treatment facility)
*Facility Type:	Domestic
*County:	Palm Beach
*Reporter Name:	Melisa Rotteveel, US Water Services
*Reporter Phone:	866-753-8292
*Reporter Email:	mrotteveel@uswatercorp.net
*Reporter Address:	4939 Cross Bayou Boulevard, New Port Richey, FL 34652
*Responsible Party Name:	City of Riviera Beach Utility Special District
*Responsible Party Address:	600 Blue Heron Boulevard, Riviera Beach, FL 33404
*Responsible Party Phone:	561-845-4185
*Responsible Party Email:	Utilities@rivierabeach.org

Who was contacted?

DEP	State Watch Office	Other
*Date and Time: 4/2/2025 11:16	*Date and Time:	*Date and Time:
*Person contacted: SED Wastewater	*Incident Number:	*Person contacted:

Spill Information

*Spill Characteristic / Wastewater: Untreated

*Type Source: Lift station (# 47)

*Area affected: Ground

*Date / Time Discharge Began: 4/1/2025 16:15

*Amount Discharged (in gallons): 850.00

*Amount Recovered (in gallons): 830.00

*Date / Time Discharge Ceased: 4/1/2025 16:35

*Physical Address: 6522 N Haverhill Road, Riviera Beach 33407

*Latitude/Longitude: 26.773097949085333, -80.11567130416599

*Malfunction/Cause: Equipment

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☑ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☑ Vacuumed/Pump Truck
- ☐ Applied Disinfectanct
- ☑ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☐ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☑ Other A dirt barrier was positioned to prevent further spr

Sampling results / Field readings:

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

At approximately 4:00 PM yesterday (04/01/2025), the United Rentals bypass pump lost prime and ceased operation. As the team worked to identify the issue with the pump, the wet well reached a high level, causing an overflow. In an effort to minimize any discharge, several upstream stations were shut down to reduce the flow to station 47 (6522 Haverhill Road). After approximately 20 minutes of overflow, the bypass pump successfully primed and resumed operation. The estimated spill during this period is approximately 850 gallons, with the overflow occurring between 4:15 PM and 4:35 PM. To mitigate the impact, lime was applied to the affected areas of the grounds and the sewer was vacuumed up by the Vac truck. The spill primarily remained contained within the station, with about 20 gallons spilling to the side berm of the canal. A dirt barrier was positioned to prevent further spread of any spill contents.

***Future Preventative Measures:**

U.S. Water arrived on-site and used their crane to lift the electrical pump from Bay 3 and move it to Bay 2. Following this, the motor to Pump 2's soft start system was able to be wired.

As of 9:45 am (04/02/2025), the station is operating normally with one main electrical pump and two bypass pumps available for emergency response.

WASTEWATER SPILLAGE REPORT

Contact: Pamela Lape @ (561) 837-5947/837-5900(Ext. 6) Fax (561) 837-5476
Off-hours, weekends, holidays: (561) 881-1888 (Medical VIP Answering Service)
Email- FDOHPB-Spills@flhealth.gov

Name of Utility & Facility ID#: City of Riviera Beach Utility Special District (FLSS0A479)
Contact person: Melisa Rotteveel, US Water Services **Phone #:** 866-753-8292
Date and time of Incident: 04/01/2025 4:00 pm
Description of Incident: At approximately 4:00 PM yesterday (04/01/2025), the United Rentals bypass pump lost prime and ceased operation. As the team worked to identify the issue with the pump the wet well reached a high level, causing an overflow. In an effort to minimize any discharge, several upstream stations were shut down to reduce the flow to station 47 (6522 Haverhill Road). After approximately 20 minutes of overflow, the bypass pump successfully primed and resumed operation. The estimated spill during this period is approximately 850 gallons, with the overflow occurring between 4:15 PM and 4:35 PM
Cause of Incident: bypass pump loss of prime

Location of Incident (Address & Lat./ Longs.): 6522 N. Haverhill Road, Riviera Beach 33407
26.773097949085333, -80.11567130416599

Final amount spilled: Estimated spill volume 850 gallons
(Attach a separate sheet explaining how you arrived at this amount if needed)
Estimated affected area: The spill primarily remained contained within the station, with about 20 gallons spilling to the side berm of the canal. A dirt barrier was positioned to prevent further spread of any spill contents

Corrective Actions: After approximately 20 minutes of overflow, the bypass pump successfully primed and resumed operation.
U.S. Water arrived on-site and used their crane to lift the electrical pump from Bay 3 and move it to Bay 2. Following this, the motor to Pump 2's soft start system was able to be wired.

Bodies of water affected: no **(Immediate Sampling Required)**
Storm Drains affected: yes
Signs/Notification and Actions:

Clean Up: A vac truck was used to recover the spilled wastewater from the affected ground and storm drain. A dirt barrier was positioned to prevent further spread of any spill contents
The affected area of the grounds were limed and cleaned.

Disinfected With: Lime

Back to Normal: Yes **Date:** 4:35 pm **Time:** 04/01/2025
Comments:
As of 9:45 am (04/02/2025), the station is operating normally with one main electrical pump and two bypass pumps available for emergency response.

The Health Department & FDEP/SED- Denise Watts @ (561) 681-6701 & via e-mail:
Denise.Watts@floridadep.gov & SED.Wastewater@FloridaDEP.gov must be notified **within 24-hours for *any* amount of spillage and this report.**
Spills or ***any*** discharge to surface waters **must** be called to the State Watch Office at **1-800-320-0519 & DEP Pollution Notification database: https://floridadep.gov/pollutionnotice.**

From:	Melisa Rotteveel
To:	"denise.watts@FloridaDep.gov"; "sed.wastewater@floridadep.gov"; "fdohpb-spills@flhealth.gov"; "Jorge Patino"
Cc:	"jevans@rivierabeach.org"; "Jacobs, Deirdre"; "Haywood, Latasha"; "Brown, Amilio"; "jjackson@rivierabeach.org"; Michael Miller; Shawn Tyler; "Ducasse, Samantha"; "Armstrong, John"; Chris Jones
Subject:	City of Riviera Beach Collection System (03.28.2025) (FLSS0A479) 6522 N Haverhill Road (LS 47) (UPDATE) Spill 04/01/2025
Date:	Wednesday, April 2, 2025 11:16:00 AM

I am writing to provide an update to the events reported below. The station remained on bypass pumping throughout the weekend.

At approximately 4:00 PM yesterday (04/01/2025), the United Rentals bypass pump lost prime and ceased operation. As the team worked to identify the issue with the pump, the wet well reached a high level, causing an overflow. In an effort to minimize any discharge, several upstream stations were shut down to reduce the flow to station 47 (6522 Haverhill Road).

After approximately 20 minutes of overflow, the bypass pump successfully primed and resumed operation. The estimated spill during this period is approximately 850 gallons, with the overflow occurring between 4:15 PM and 4:35 PM. To mitigate the impact, lime was applied to the affected areas of the grounds and the sewer was vacuumed up by the Vac truck. The spill primarily remained contained within the station, with about 20 gallons spilling to the side berm of the canal. A dirt barrier was positioned to prevent further spread of any spill contents.

U.S. Water arrived on-site and used their crane to lift the electrical pump from Bay 3 and move it to Bay 2. Following this, the motor to Pump 2's soft start system was able to be wired.
As of 9:45 am (04/02/2025), the station is operating normally with one main electrical pump and two bypass pumps available for emergency response.

A SSO & spill report will follow under separate cover.

Respectfully
Melisa

From: Melisa Rotteveel
Sent: Friday, March 28, 2025 8:10 PM
To: 'denise.watts@FloridaDep.gov' <denise.watts@FloridaDep.gov>; 'sed.wastewater@floridadep.gov' <sed.wastewater@floridadep.gov>; 'fdohpb-spills@flhealth.gov' <fdohpb-spills@flhealth.gov>; 'Jorge Patino' <Jorge.Patino@flhealth.gov>
Cc: 'jevans@rivierabeach.org' <jevans@rivierabeach.org>; 'Jacobs, Deirdre' <DJacobs@rivierabeach.org>; 'Haywood, Latasha' <LHaywood@rivierabeach.org>; 'Brown, Amilio' <abrown@rivierabeach.org>; 'jjackson@rivierabeach.org' <jjackson@rivierabeach.org>; Michael Miller <mmiller@uswatercorp.net>; Shawn Tyler <styler@uswatercorp.net>; 'Ducasse, Samantha' <sducasse@rivierabeach.org>; 'Armstrong, John' <JArmstrong@rivierabeach.org>; Chris Jones

<cjones@uswatercorp.net>

Subject: City of Riviera Beach Collection System (03.28.2025) (FLSS0A479) 6522 N Haverhill Road (LS 47)

The staff responded to an emergency call at approximately 3:49 PM this afternoon at Lift Station 47, located at 6522 N Haverhill Road, Riviera Beach. Upon arrival and further investigation, it was determined that electrical damage had occurred to power transformer, and both lift station pump motors were found to be damaged. A vendor has been contracted to pull and potentially rewind both station pumps, for reinstallation following repairs. In the interim, bypass pumping has been established within the station, and a monitoring rotation schedule has been implemented to ensure no discharge occurs while repairs are underway. At this time, no spill has occurred. We will continue to provide the department with updates on the status of the repairs.

Respectfully

Melisa Rotteveel
Compliance Reporting

U.S. Water Services Corporation

M: (727) 919-1534 **O:** (866) 753-8292
mrotteveel@uswatercorp.net
4939 Cross Bayou Blvd., New Port Richey, FL 34652
uswatercorp.com

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Wastewater Abnormal Event 5 Day Report

This form is provided for your convenience only, in order to report the required information to Florida DEP. You may complete this form and email to the appropriate District office, as listed below.

Northwest District –NWD_WastewaterCompliance@floridadep.gov
Northeast District - DEP_NED@floridadep.gov
Southwest District - SWD_DW@floridadep.gov
Southeast District - SED.Wastewater@dep.state.fl.us
South District – SD-AbnormalEvents@floridadep.gov
Central District – DEP_CD@floridadep.gov

These incidents, and the corresponding Public Notice of Pollution, may also be reported through the DEP Business Portal. If it is preferred to submit these separately, the PNP may be submitted here. If the spill is greater than 1000 gallons, it MUST be reported to the **State Watch Office** at 1-800-320-0519 and a PNP MUST be submitted. All fields with an asterisk (*) must be completed as they are required by rule 62-620.610, F.A.C.

Responsible Party Information

*Facility Name:	City of Riviera Beach USD
*Permit Number:	FLSS0A479
*Facility Type:	Domestic
*County:	Palm Beach
*Reporter Name:	Charlotte Nevill
*Reporter Phone:	561-845-3841
*Reporter Email:	cnevill@rivierabeach.org
*Reporter Address:	600 W Blue Heron Blvd, Riviera Beach, FL 33404
*Responsible Party Name:	City of Riviera Beach USD
*Responsible Party Address:	600 W Blue Heron Blvd, Riviera Beach, FL 33404
*Responsible Party Phone:	561-845-4185
*Responsible Party Email:	cnevill@rivierabeach.org

Who was contacted?

DEP	State Watch Office	Other
*Date and Time:	*Date and Time:	*Date and Time:
11/29/2025 12:16	11/29/2025 12:20	11/29/2025 12:58
*Person contacted:	*Incident Number:	*Person contacted:
SED - Wastewater	202510192	FDEP Pollution Notic

Spill Information

*Spill Characteristic / Wastewater: Untreated
*Type Source: Lift station (#47)
*Area affected: Surface Water (EPB-9 Canal)

*Date / Time Discharge Began: 11/29/2025 00:18

*Amount Discharged (in gallons): 3,500.00

*Amount Recovered (in gallons): 3,000.00

*Date / Time Discharge Ceased: 11/29/2025 00:58

*Physical Address: 6522 Haverhill Rd

*Latitude/Longitude: 26.77313, -80.11577

*Malfunction/Cause: Equipment

Effluent Limit Violations

- ☐ CL_2 (mg/L)
- ☐ TSS (mg/L)
- ☐ Turbidity (NTU)
- ☐ NO_3 (mg/L)
- ☐ Other
- ☐ Fecal Coliforms (CFU/100 mL)
- ☐ pH (SU)
- ☐ CBOD5 (mg/L)
- ☐ Abnormal Flow (MGD)

*Clean Up Status: Complete

***Clean Up Actions:**

- ☑ Vacuumed/Pump Truck
- ☐ Applied Disinfectanct
- ☑ Applied Lime
- ☐ Applied HTH/chlorine
- ☐ Applied absorbents
- ☑ Washed down area
- ☐ Water samples/field measurements taken
- ☐ Raked and disposed of debris
- ☐ Signs posted
- ☐ Other

Sampling results / Field readings:

***Incident Description and Remedial Action Being Taken** (Include estimated time for completion):

The crew received a call around 12:18 AM about a spill at a lift station. When they arrived, they saw equipment had failed due to employee oversight. They turned the pumps back on and pumped the well down. After pumping the well down, cleanup began which included applying lime to the hard surfaces and using a vac truck for washdown water and any discharge that made it into the canal. At the time of the overflow, the canal was a stagnant, disconnected pool of water with no flow. The vac truck was used until there was only sand in the canal.

***Future Preventative Measures:**

Standard operating procedures will be reviewed with all staff, including the implementation of a checklist to ensure consistency and proper documentation during maintenance activities. We will continue to monitor and report as required.

Mission:
To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.

Ron DeSantis
Governor

Joseph A. Ladapo, MD, PhD
State Surgeon General

Vision: To be the **Healthiest State** in the Nation

WASTEWATER SPILLAGE REPORT

Submit to: FDOHPB-Spills@flhealth.govP
Report to: **(561) 837-6900 (Ext. 2) work hours OR (561) 842-8811 off-hours and weekends, holidays**

Name of Utility & Facility ID#: City of Riviera USD - Permit # FLSS0A479
Contact person: Charlotte Nevll Phone #: 561-845-3481
Date of Incident: 11/29/25 Time of Incident: 00:18
Description of Incident:

Crews responded to a spill at 6522 Haverhill Rd

Cause of Incident:

Cause of spill was determined to be equipment failure due to employee oversight

Location/Address: 6522 Haverhill Rd Lat/Long: Lat: 26.77313, -80.11577
City: West Palm Beach Zip Code: 33407

Final amount spilled: 3500 gallons
(Attach a separate sheet explaining how you arrived at this amount if needed)

Estimated affected area: EPB-9 Canal

Corrective Actions: Turned pumps back on, pumped down well

Bodies of water affected: (Immediate Sampling Required) EPB-9 Canal

(Provide name and extent surface waters affected, e.g., Canal A located south of Street 1 between 2nd and 3rd Avenues.)
EPB-9 Canal south of LS47

Storm Drains affected: Yes

Signs/Notification and Actions: No

Clean Up Actions: Lime applied to hard surfaces, wash down water and discharge collected with

Disinfected With: Lime

Back to Normal: Yes (●) No ( ) Date: 11/29/25 Time: 06:00
Comments:

At the time of overflow, canal was a stagnant, disconnected pool of water with no flow.

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Florida Department of Health, Palm Beach County
Division of Environmental Public Health
800 Clematis Street-4th Floor
West Palm Beach, FL 33401
PHONE: 561-837-5900
FloridaHealth.gov, palmbeach.floridahealth.gov

PHAB Accredited Health Department
Public Health Accreditation Board