Central Basin Municipal Water District

MEETING	TIME & DATE	LOCATION
Board of Directors	10:00 AM Monday, February 24, 2025	1466 S. McDonnell, Commerce, CA 90040

AGENDA

MEMBERS OF THE PUBLIC CAN PARTICIPATE IN PERSON OR VIA ZOOM
Join Zoom Meeting
https://centralbasin-org.zoom.us/j/84358403273

Meeting ID: 843 5840 3273

One tap mobile
+14086380968,,84358403273# US (San Jose)
+16699006833,,84358403273# US (San Jose)

1. CALL TO ORDER

2. ROLL CALL

a. President Nem Ochoa
b. Vice President Gary Mendez
c. Art Chacon
d. Leticia Vasquez Wilson
e. Juan Garza
f. Jim Crawford
g. Joanna Moreno

3. CERTIFICATION BY THE BOARD SECRETARY TO THE BOARD OF DIRECTORS

I hereby certify under penalty of perjury under the law of the State of California, that the foregoing agenda was posted on the Bristow Park located at 1466 S. McDonnell Avenue, Commerce CA 90040, and on the District's Website centralbasin.org not less than **72** hours prior to the meeting in accordance with Government Code Section 54954.2. Elaine Jeng, Board Secretary.

4. PUBLIC COMMENTS

This time has been set aside for persons in the audience to make comments, or inquiries, on matters that are listed on this agenda and within the general subject matter jurisdiction of the Board of Directors (the “Board”). Although no person is required to provide their name and address as a condition to attending a Board meeting, persons who wish to address the Board are asked to state their name and the agenda item they are addressing. Each speaker will be limited to three (3) continuous minutes. Speakers may not lend any portion of their speaking time to other persons or borrow additional time from

other persons. Except as otherwise provided under the Brown Act (Gov. Code section 54950 et seq.), the Board may not deliberate, or take action, upon any matter not listed on this posted agenda but may order that any such matter be placed on the agenda for a subsequent meeting. The Board may also direct staff to investigate certain matters for consideration at a future meeting. In accordance with Gov. Code sections 54954.2 and 54954.3, all members of the Board are considered to be appearing at this meeting in their capacity as members of the Board, not members of the general public, and will therefore refrain from making comments during the public comment period so as to avoid any inadvertent interference with the right of the public to freely comment and/or the inadvertent raising of an issue not on the posted agenda. The Brown Act precludes a legislative body from prohibiting public criticism of the policies, procedures, programs, or services of the local agency or the acts or omissions of the body. § 54954.3(c). This restriction does not mean that a member of the public may say anything during public testimony. If the topic of the public's comments falls outside the subject matter jurisdiction of the local agency, the legislative body may stop a speaker's comments. A legislative body also may adopt reasonable rules of decorum that preclude a speaker from disrupting, disturbing or otherwise impeding the orderly conduct of its meetings. § 54954.3(b). The right to publicly criticize a public official does not include the right to slander that official, slander is defined as an untrue defamatory statement that is spoken orally.

5. PRESENTATIONS

5.A PRESENTATION FROM THE DELTA CONSTRUCTION AUTHORITY AND THE CALIFORNIA DEPARTMENT OF WATER RESOURCES ON THE DELTA CONVEYANCE PROJECT

5.B PRESENTATION FROM FINANCIAL ADVISORS ON THE 2022 A&B BOND TRANSACTION

RECOMMENDED MOTION: That the Board hear a report from NHA Advisors on the underlying details associated with the sale of the 2022 A&B Bonds used to refinance existing debt of the Central Basin Water District.

6. REPORT FROM REPRESENTATIVES TO THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA (MWD)

a. Director Juan Garza
b. Director Jim Crawford

7. REPORT FROM THE WATER RESOURCES & GOVERNMENTAL AFFAIRS COMMITTEE

a. Chair President Nem Ochoa
b. Director Joanna Moreno
c. Director vacant
d. Director Art Chacon

8. REPORT FROM THE ENGINEERING & OPERATIONS COMMITTEE

a. Chair Director Leticia Vasquez Wilson
b. Director Joana Moreno

c. **Director vacant**
d. **Alternate Director Art Chacon**

9. REPORT FROM THE ADMINISTRATION & FINANCE COMMITTEE

a. **Chair Director vacant**
b. **Director Juan Garza**
c. **Director Jim Crawford**
d. **Alternate President Nem Ochoa**

10. CONSENT ITEMS

In order to promote efficient meetings, the Board may act upon more than one item by a single vote through the use of the consent agenda.

10.A DECEMBER 2024 DEMAND LIST
RECOMMENDED MOTION: That the Board receive and file the Demand List for December 2024.

10.B APPROVE MINUTES FOR BOARD MEETINGS ON MAY 06, 2024, MAY 20, 2024, JUNE 24, 2024, JULY 22, 2024, AUGUST 26, 2024, SEPTEMBER 23, 2024, OCTOBER 03, 2024, OCTOBER 11, 2024, OCTOBER 28, 2024, JANUARY 27, 2025
RECOMMENDED MOTION: Approve as presented.

10.C APPROVE ENGINEERING AND OPERATIONS COMMITTEE'S RECOMMENDATION TO HAVE THE BOARD OF DIRECTORS APPROVE THE COMMITTEE'S MEETING MINUTES FOR AUGUST 14, 2024, SEPTEMBER 11,2024, OCTOBER 9, 2024, NOVEMBER 13, 2024, DECEMBER 11, 2024 AND JANUARY 8, 2025
RECOMMENDED MOTION: Approve as presented.

10.D WATER SUPPLY AND RESOURCES FEBRUARY 2025 UPDATE
RECOMMENDED MOTION: Receive and file.

10.E DIRECTION ON ADDRESSING THE BILLING ERRORS BETWEEN JULY 2023 AND OCTOBER 2024
RECOMMENDED MOTION: That the Board refund the overbilling, and collect on the underbilling.

11. ACTION ITEMS

11.A NAME THE REORGANIZED COMMITTES: GOVERNMENT AND PUBLIC AFFAIRS COMMITTEE AND WATER RESOURCES, ENGINEERING, AND OPERATIONS COMMITTEE
RECOMMENDED MOTION: Discuss and approve names for the reorganized committees.

11.B PRESIDENT'S COMMITTEE ASSIGNMENTS
RECOMMENDED MOTION: The Board President recommends that the members discuss his proposal and provide feedback.

11.C CONSIDERATION REGARDING KEEPING OF MINUTES FOR DISTRICT BOARD MEETINGS AND DISTRICT COMMITTEE MEETINGS
RECOMMENDED MOTION: The Board consider this matter and provide direction

to the Interim General Manager.

11.D ADOPTION OF RESOLUTION 02-24-1072 ESTABLISHING AUTHORITY FOR BOARD MEMBER COMPENSATION DONATION TO QUALIFIED ORGANIZATIONS AND RECOGNIZED ENTITIES THAT ACTIVELY AND EFFECTIVELY ENHANCE AND/OR COMPLEMENT THE SERVICES THAT THE DISTRICT PROVIDES

RECOMMENDED MOTION: That the Board adopts Resolution No. 02-24-1072 providing all Directors the ability to donate their compensation.

11.E APPROVE A NEW PROJECT FOR A RECYCLED WATER DEMAND STUDY

RECOMMENDED MOTION: Approve a new project for a Recycled Water Demand Study and authorize a budget transfer in the amount of $100,000 from the Headquarters Building Renovation Project.

12. CLOSED SESSION

12.A CONFERENCE WITH LEGAL COUNSEL
EXISTING LITIGATION
LETICIA VASQUEZ WILSON v. CENTRAL BASIN MUNICIPAL WATER DISTRICT, ET. AL (CASE NO. 22STCV19770)
CALIFORNIA GOVERNMENT CODE SECTION 54956.9(d)

12.B CONFERENCE WITH LEGAL COUNSEL
ANTICIPATED LITIGATION
CALIFORNIA GOVERNMENT CODE 54956.9(b) - ONE MATTER

12.C CONFERENCE WITH LEGAL COUNSEL
ANTICIPATED LITIGATION
CALIFORNIA GOVERNMENT CODE 54956.9(d)(2) - FIVE MATTERS

13. RECONVENUE TO OPEN SESSION

14. GENERAL MANAGER'S REPORT ON DISTRICT ACTIVITIES

15. DIRECTOR'S REPORT ON MEETING AND CONFERENCE ATTENDANCE

16. DIRECTOR'S COMMENTS AND FUTURE AGENDA ITEMS

17. ADJOURNMENT

The next Board of Directors Meeting will be held on Monday, March 24, 2025 at 10:00am at 1466 S McDonnell Ave, Commerce, CA 90040.

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Submitted By: Elaine Jeng

PRESENTATION

PRESENTATION FROM THE DELTA CONSTRUCTION AUTHORITY AND THE CALIFORNIA DEPARTMENT OF WATER RESOURCES ON THE DELTA CONVEYANCE PROJECT

EXHIBITS:

PRN-Draft DCP Central Basin BOD 2025-02-24 V.F_f.pdf

January 14, 2025

Central Basin Water
Board of Directors Meeting | Agenda Item 5A

Delta Conveyance Project

Carrie Buckman
Environmental Program Manager
CA Department of Water Resources

Graham Bradner
Executive Director
Delta Conveyance Design & Construction Authority

Progress

2020-2024: Met Key Milestones

Major Planning & Permitting

-Certified EIR

-ITP

Project Design Refined

-avoid/minimize impacts

-innovations to reduce cost

Positive Financial Updates

-New cost estimate

-New benefit cost analysis

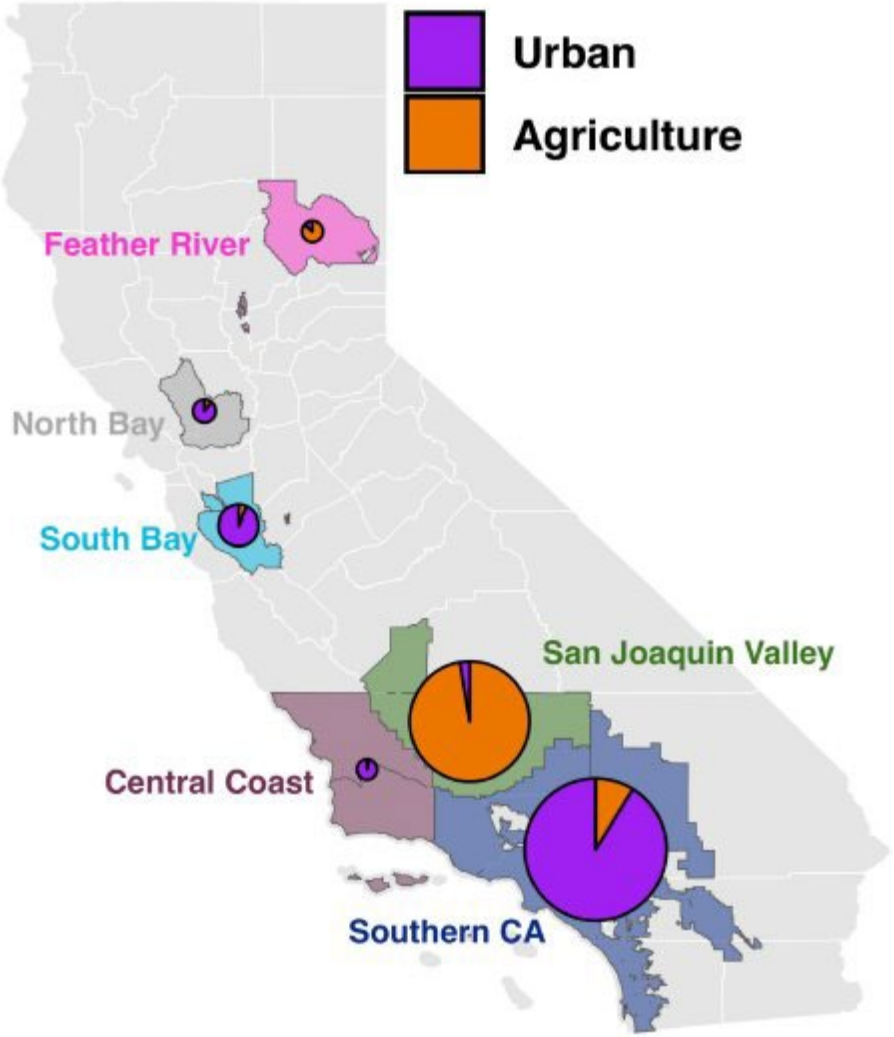
Momentum

-Strong support from Governor Newsom

-13 board yes votes for continued funding

The State Water Project

- **Service Area:**
  - 27 million people
  - GDP $2.3 trillion, equivalent to the world's 8th largest economy
- **Current Water Supply:**
  - ~2.56 million acre-feet per year (MAF/yr) of deliveries to urban and agricultural customers
- **Future Challenges:**
  - Climate change and sea level rise expected to reduce deliveries by ~22% by 2070
  - Risk of extended disruption during seismic event



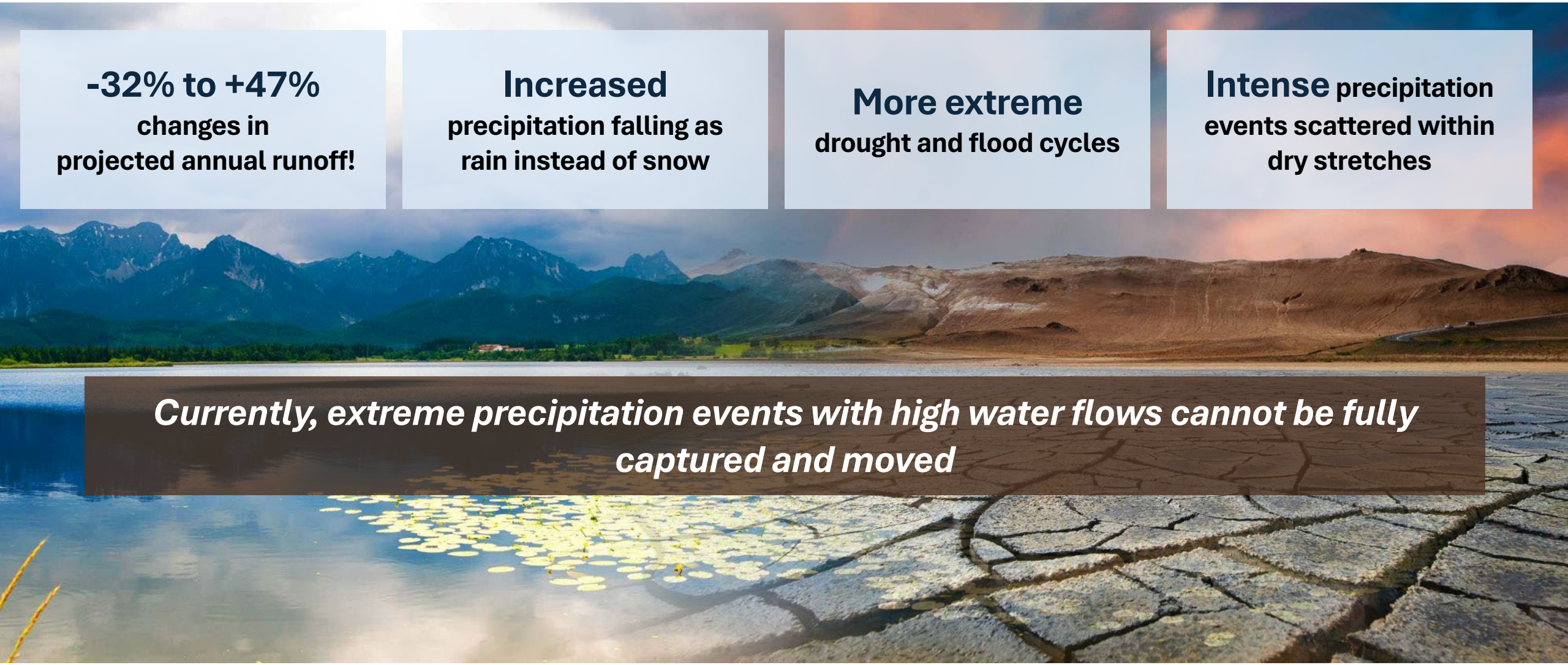
Climate Models Predict "Weather Whiplash"

-32% to +47%
changes in projected annual runoff!

Increased
precipitation falling as rain instead of snow

More extreme
drought and flood cycles

Intense precipitation events scattered within dry stretches



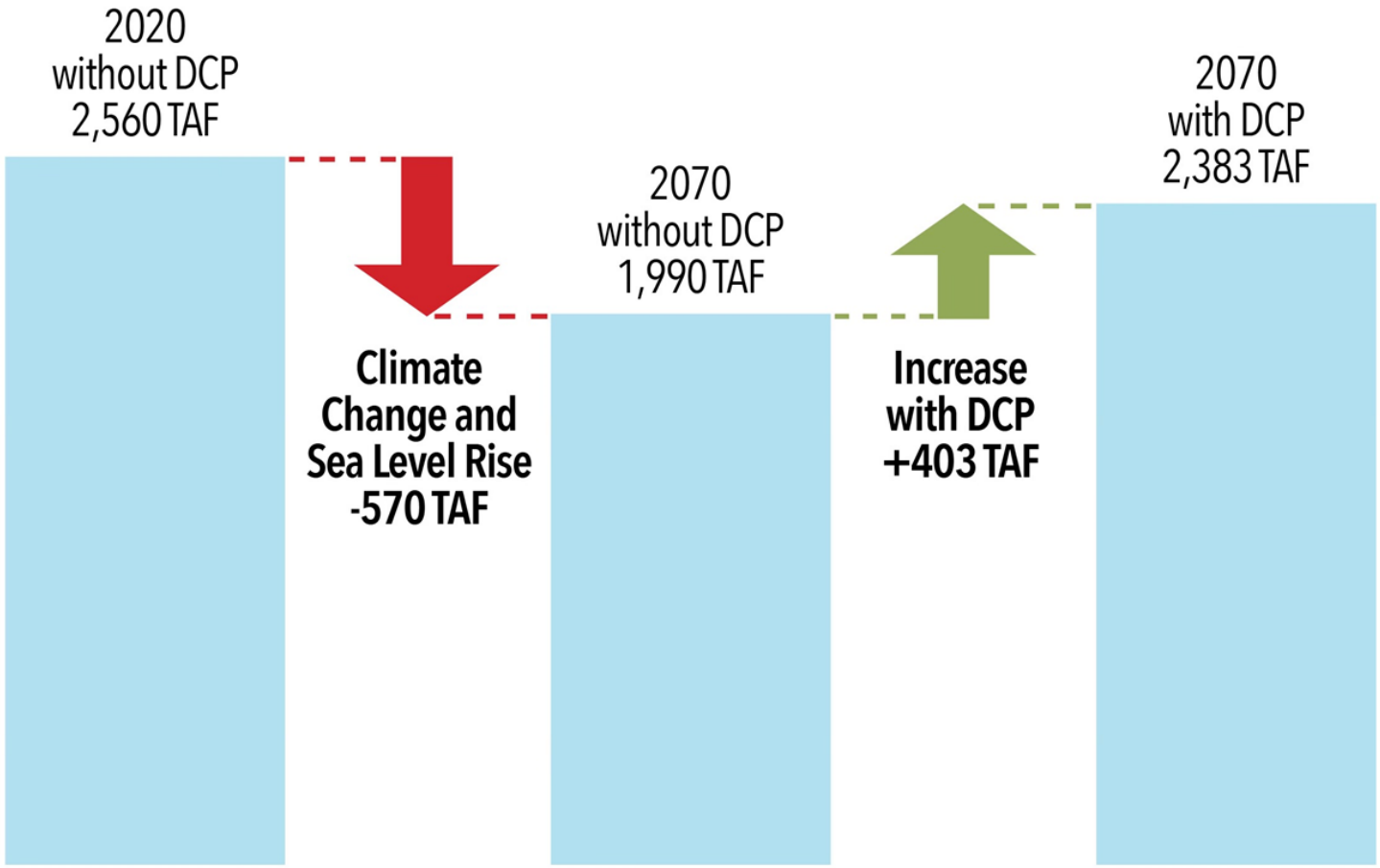
Currently, extreme precipitation events with high water flows cannot be fully captured and moved

How would the Delta Conveyance Project Help?

- Adding ***intakes in the north Delta*** would allow the ***capture and movement of water in the winter*** that would otherwise be unavailable.
- North Delta intakes would add capacity to ***safely divert in the winter during high flow conditions***, while meeting water quality and species protections.
- This added ability to divert high flows will help ***guard against declining baseline water deliveries***, protect water agencies' baseline supplies, and ***minimize future losses***.
- Modernizing the aging SWP infrastructure will ***protect against seismic risk and sea level rise*** and aid in ensuring that we capture, move and store water when it is available and when it is safe for fish and water quality.



State Water Project Deliveries



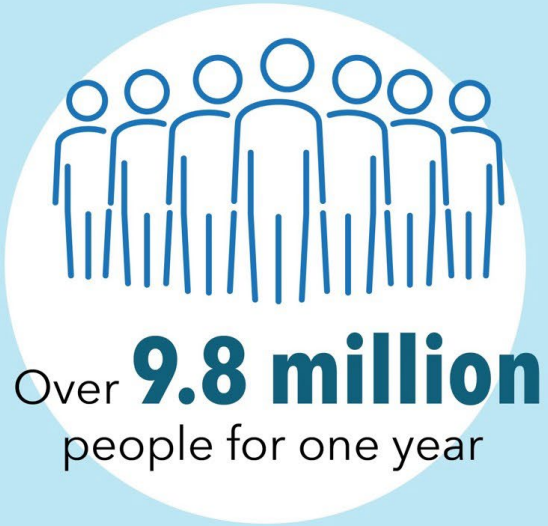
The Delta Conveyance Project would yield about half a million acre-feet of water per year

Missed Opportunities

January 1, 2024 – June 13, 2024

941,000 acre-feet of water = enough water to supply:





Over **9.8 million** people for one year

or



Nearly **3.3 Million** households for one year

A "Both / And" Approach

- The Delta Conveyance Project would expand the state's ability to improve water supply reliability by maximizing use of excess flows, while maintaining fishery and water quality protections.
- California Department of Fish and Wildlife recently issued a permit under the state's Endangered Species Act
- Governor Newsom said: **"California doesn't have to choose between safeguarding endangered species and protecting our water supply — this permit demonstrates we can do both."**



Bethany Reservoir Alignment – A Very Different Project

Bethany Reservoir Alignment – 6,000 cfs (~10% design)

- Two (2) new intakes in the North Delta
- Conveyance tunnel: 45 miles of 36-ft ID single tunnel, 11 shafts
- New pumping plant, aqueducts and discharge structure connecting directly to Bethany Reservoir

Project developed to reduce impacts:

- Focused on siting major facilities, understanding local traffic conditions, and reducing construction effects
- Smaller footprint – considered ways to minimize noise, traffic, power needs, aesthetic effects, boating and waterway effects, and land disturbance
- Route avoids heart of the Delta



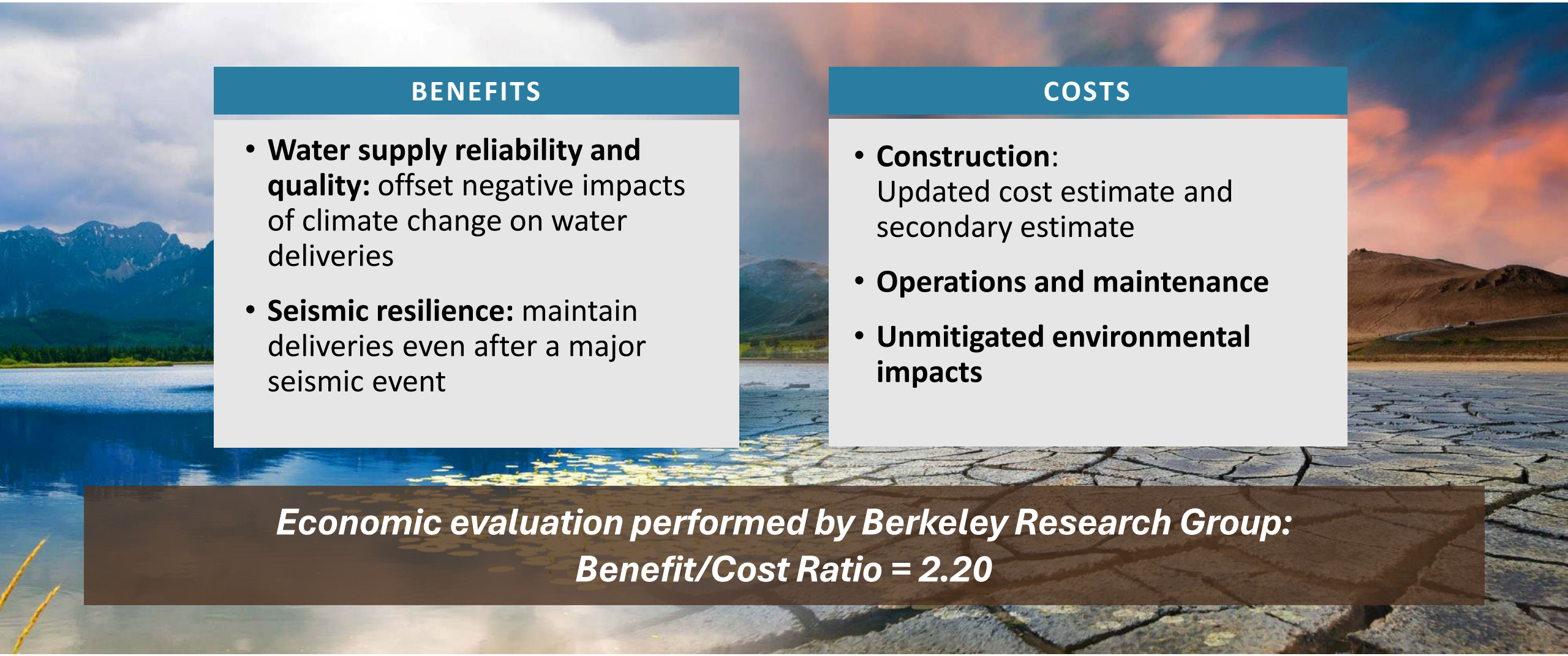
DCP Cost Estimate Update

- **2020 Cost Assessment = $15.9B (2020$, undiscounted)**
- **2024 Cost Estimate = $20.1B (2023$, undiscounted)**
  - Costs based on Bethany Reservoir Alignment engineering documentation, unit rates, quantities, and durations
  - Includes $960M for mitigation and $200M for Community Benefits Program
  - Design & construction innovations show potential to manage cost and risks
  - Multiple reconciliations with independent estimates to improve confidence



$15.9B (2020) escalates to $20.2B (2023) vs. $20.1B (2023)

DCP Readily Passes the Benefit/Cost Test



BENEFITS

- **Water supply reliability and quality:** offset negative impacts of climate change on water deliveries
- **Seismic resilience:** maintain deliveries even after a major seismic event

COSTS

- **Construction**: Updated cost estimate and secondary estimate
- **Operations and maintenance**
- **Unmitigated environmental impacts**

Economic evaluation performed by Berkeley Research Group:
Benefit/Cost Ratio = 2.20

Robust Community Engagement

- **Environmental Justice focus—based on guidance about best practices from statewide EJ outreach experts, focused on raising awareness**
  - Community Survey
  - Community Events and Tabling
    - 50+ events, 22,000+ people reached
- **Formal Tribal consultation and informal Tribal coordination to develop Tribal impact analysis and mitigation**
- **Community Benefits Program for Delta communities**
  - Delta Fund, Integrated Benefits, Economic Development



Components of the Community Benefits Program

DCP Community Fund

Proposed overarching fund to support community-prioritized projects in the Delta

DCP Implementation Commitments

- Hiring targets, job training, and education
- Local business utilization
- Infrastructure and facilities

Schedule to Complete Key Permits

Next Steps

2025-2026: Advance Important Next Steps

Secure Key Permits

-water rights

-Delta Plan consistency

-federal ESA

Advance Design Innovations

-improve constructability and cost control

-manage risks

Field Investigations and Surveys

-better define soil conditions

-advance project engineering

Advance Key Planning Efforts

-Community Benefits Program

-Water management tools

Thank You!
Questions?

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Robert Samario
Submitted By: Robert Samario
Approved By: Elaine Jeng

ACTION ITEM

PRESENTATION FROM FINANCIAL ADVISORS ON THE 2022 A&B BOND TRANSACTION

SUMMARY:

In February of 2022, the Central Basins Water District (District) issued bonds in order to refinance older existing bonds. With interest rates at historic lows, the District was able to consolidate all of its existing debt obligations into one set of bonds and lower its overall interest costs.

Some members of the Board had previously raised concerns about the merits of the transaction and had not fully understood the underlying purpose for the bond sale or its structure. Thus, District staff requested that NHA Advisors, who served as the District's financial advisors on the transaction, to make a presentation to the Board that provide all of the details related to the transaction and be available to answer any questions from the Board. Mr. Mark Northcross, Principal from NHA Advisors, agreed to make such a presentation to the Board.

RECOMMENDED MOTION:

That the Board hear a report from NHA Advisors on the underlying details associated with the sale of the 2022 A&B Bonds used to refinance existing debt of the Central Basin Water District.

EXHIBITS:

Central Basin MWD Board Presentation on 2022 Bond Issue - 250220 .pdf



CENTRAL BASIN MWD
HOW THE 2022 REFUNDING REVENUE BONDS RESTRUCTURED ALL THE DISTRICT'S DEBT

Central Basin
Municipal Water District

January 2022

Why We Refinanced All CBMWD's Debt in 2022

- District's outstanding water revenue bonds had been downgraded multiple times and by July 2020 were rated "Baa3" by Moody's and "CCC" by S&P
  - All of the District's revenues were legally pledged to the prior water revenue bonds
  - The underlying rating on the bonds went to "A3" Moody's as a result of the restructuring through the 2022 bonds
- The 2022 bonds were solely secured by the District's standby charge, justifying a higher credit rating vs a traditional water revenue bond
- Interest rates were much lower in 2021 and all of the outstanding bond issues could be refinanced to save the District money while also re-setting its outstanding debt to only pledge the standby charges

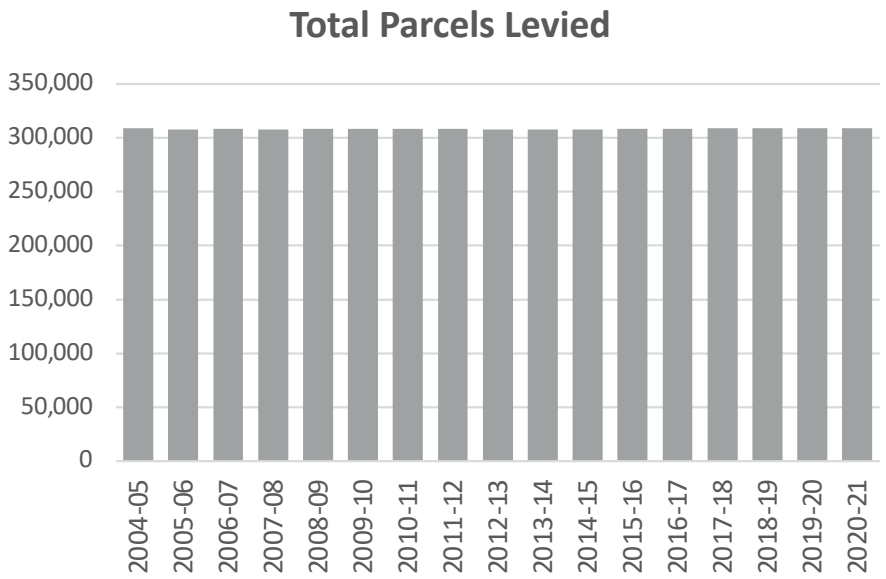
Bond Series	Outstanding Par
2010A	$16.905M
2016A	$7.240M
2018A	$12.870M
2018B	$6.520M
Total	**$43.535M**

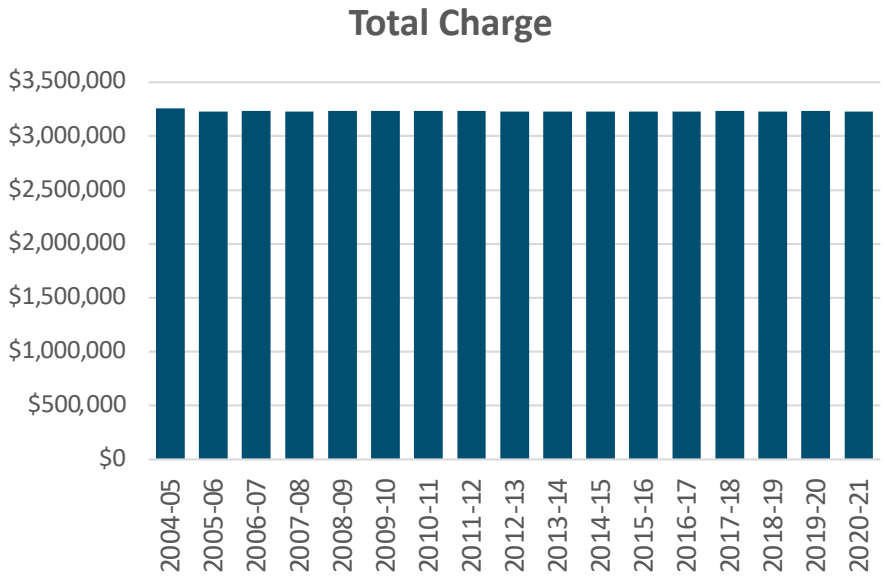
Background on the Standby Charge

- Standby Charge parcel tax was adopted by the Board in 1991 under the statutory authority of California Water Code
  - District required to fix the charge in each fiscal year on or before 3rd Monday of August
- Standby Charge parcel tax is levied at a rate of $10/acre, with a minimum levy of $10 on any parcel less than one acre in size
  - Cannot exceed $10/acre or $10/parcel smaller than one acre
  - Collected on the County tax roll
  - Not severable from any other line-item taxes or assessments on the County tax roll
- Delinquencies on the Standby Charge parcel tax are enforced by the County through its statutory foreclosure process for delinquent taxes
  - Historically immaterial delinquency rate
- **Under the Standby Charge-only security structure, the only District governance action needed is Board adoption of the annual charge, which they have done since 1991**

Standby Charge Parcel Count and Total Charge History

- Total parcels levied and total charge have each been remarkably consistent over the last 17 years
  - Standard deviation for total parcels levied is 0.14% of average total parcels levied
  - Standard deviation for total charge is 0.22% of average total charge





Central Basin
Municipal Water District

Comparison of a Parcel Tax and a Water Revenue Pledge

Category	Standby Charge Parcel Tax Revenue Pledge	Wholesale Water Net revenue pledge	Notes & Comments
Volatility?	Very stable	Comparatively volatile	Parcel tax revenue is based on number of taxable parcels within CBMWD service area
Revenue dependent upon volume of water sold?	No	Yes	Annual volume of imported water sales is somewhat volatile
Delinquency risk?	Low	Low	CBMWD has had no delinquencies in payment from water retailers within its service area.
Enforcement of delinquencies	County enforces through foreclosure	Discontinuation of water service	
Revenue at risk in a bankruptcy	No. Ritter Ranch decision	Yes	

In Summary - What We Did in 2022

- All the District's debt was refinanced by two series of 2022 bonds, totaling $44,695,000
- Standby charge parcel tax is the sole security for the payment of debt service on 2022A and 202B Bonds
  - No water revenues pledged
- AA rating because of bond insurance, A3 underlying rating from Moody's
- Combined cumulative debt service for remaining years on all District debt declined from $69.4 million to $64.7 million, a decline of $4.7 million
  - Over the remaining term of the bonds through 2044, the cash flow savings averaged about $200,000/year
- County "intercepts" Stand by Charge Parcel Tax revenues and sends them directly to the bank serving as trustee for the 2022 bonds
  - Trustee pays debt service from these revenues
  - Trustee releases any surplus Standby Charge revenues annually on August 2nd (Bond Year starts on August 2nd and ends on August 1)

New Bond Security is Good Public Policy for District

- District's new debt is fully secured by a very stable long-term revenue source
- Water related revenues directly controlled by the District will be unencumbered
  - These revenues are sufficient to cover operating expenses
- In the future, the District can rely on recycled water revenue to fund the capital costs potentially required to expand recycled water service in the District's service area
  - As imported surface water sales are expected to decline in the long run, with recycled water sales increasing, freeing up recycled water sales to be security for future debt obligations is good long-term policy

Stable Projected Debt Service Coverage From Standby Charge

- Bonds were structured for at least 1.10x annual debt service coverage based on 10-year historical average Standby charge revenues
- After final pricing, the minimum coverage is estimated to be 1.14x (114%) based on 10-year historical average standby charge revenues
- Refinancing did not extend final maturity
- Aggregate debt structure remained materially the same (level aggregate)

Fiscal Year Ending	2022 Bonds, Series A (Tax Exempt) Debt Service	2022 Bonds, Series B (Taxable) Debt Service	Combined 2022A and 2022B Debt Service	Projected Standby Charge Revenues*	Coverage
2022-23	$200,338	$1,702,007	$1,902,345	$3,268,399	1.72
2023-24	$507,900	$2,352,021	$2,859,921	$3,268,399	1.14
2024-25	$507,900	$2,347,912	$2,855,812	$3,268,399	1.14
2025-26	$507,900	$2,349,840	$2,857,740	$3,268,399	1.14
2026-27	$507,900	$2,352,087	$2,859,987	$3,268,399	1.14
2027-28	$507,900	$2,351,091	$2,858,991	$3,268,399	1.14
2028-29	$507,900	$2,351,938	$2,859,838	$3,268,399	1.14
2029-30	$507,900	$2,348,992	$2,856,892	$3,268,399	1.14
2030-31	$507,900	$2,351,706	$2,859,606	$3,268,399	1.14
2031-32	$507,900	$2,350,298	$2,858,198	$3,268,399	1.14
2032-33	$507,900	$2,348,900	$2,856,800	$3,268,399	1.14
2033-34	$507,900	$2,348,924	$2,856,824	$3,268,399	1.14
2034-35	$507,900	$2,348,242	$2,856,142	$3,268,399	1.14
2035-36	$507,900	$2,351,426	$2,859,326	$3,268,399	1.14
2036-37	$507,900	$2,348,812	$2,856,712	$3,268,399	1.14
2037-38	$507,900	$2,351,206	$2,859,106	$3,268,399	1.14
2038-39	$507,900	$2,347,832	$2,855,732	$3,268,399	1.14
2039-40	$2,202,900	$655,956	$2,858,856	$3,268,399	1.14
2040-41	$2,860,100	$0	$2,860,100	$3,268,399	1.14
2041-42	$2,858,300	$0	$2,858,300	$3,268,399	1.14
2042-43	$2,862,700	$0	$2,862,700	$3,268,399	1.14
2043-44	$2,859,100	$0	$2,859,100	$3,268,399	1.14
2044-45	$2,858,250	$0	$2,858,250	$3,268,399	1.14

Central Basin Municipal Water District

*Assumes 10-year historical average collections; no growth

The Financing Schedule for the 2022 Bonds

Date	Action
April, 2021	District RFP process to retain finance team
July 20, 2021	Kick off meeting on potential refinancing
December, 2021	Receive preliminary rating evaluations from Moody's and S&P
January 7, 2022	Formal credit rating package submitted to Moody's
January 18, 2022	District Board of Directors approves legal documents for refnancing
January 21, 2022	District receives A3 rating from Moody's
January 24, 2022	District receives bids for bond insurance, awards bid to BAM
February 23, 2022	Bond underwriter successfully sells bond issue for District
March 9, 2022	Bond issue is closed

Cost of Issuance Summary for the 2022 Bonds
What the Financing Team Got Paid

Costs of Issuance		
Service	**Payee**	**Total**
Bond & Disclosure Counsel (includes expenses)	Norton Rose Fulbright	210,000.00
Municipal Advisor	NHA Advisors	125,000.00
Private Rating Evaluation	S&P Global Ratings	28,000.00
Public Rating	Moody's Investors Service	30,000.00
Private Rating Evaluation	Moody's Investors Service	45,000.00
Issuer's Counsel	Baker, Keener & Nahra	12,920.00
Trustee	US Bank	8,750.00
Escrow Agent	US Bank	7,960.00
Printer	AVIA	1,677.47
Verification Agent	Robert Thomas CPA	4,000.00
Contingency	(Used to pay debt service)	16,026.40
Total Cost of Issuance		**489,333.87**
Underwriter's Discount		**312,865.00**
Bond Insurance		**304,500.19**
Debt Service Reserve Surety		**112,137.80**
All-In Costs		**1,218,836.86**

Central Basin
Municipal Water District

APPENDIX

NHA | ADVISORS
Financial & Policy Strategies.
Delivered.

Other Questions

- What is bond insurance?
  - A public agency issuing bonds can effectively buy a higher credit rating by purchasing a guarantee of debt service on the bonds by a higher rated financial institution
  - Public agencies only do this when there is a net savings in debt service due to lower interest rates
- Why are there two series of bonds?
  - Because of Federal tax law, in order to refinance all of the District's outstanding debt, some of the bonds needed to be Federally taxable, meaning the interest payments are not exempt from Federal income tax
- What is a debt service reserve surety?
  - Municipal bonds normally have a reserve fund equal to one year's debt service for the benefit of bond owners
  - A debt service reserve surety is an additional guarantee used as a replacement for the cash funded reserve fund, purchased by the issuer
  - The elimination of the cash requirement for the reserve fund lowers debt service, saved the District money in the long run

Summary of Features for 2022 Bonds

Parcel tax credit secured by a senior lien on 309,271 taxable parcels in Los Angeles County

- Very stable over last 17 years
- Combined assessed valuation of $163 billion
  - Value to Lien of 54:1
- Collections averaged 100.1% of levy over last 10 years
- Average annual levy is $3.28 million

All the District's debt is being refunded, secured solely by the Standby Charge parcel tax

- All the District's debt will be on a parity
- 2021 Bonds structured for 110% coverage from the Standby Charge Parcel Tax through the final maturity
- Since 2018, 100% of debt service on all outstanding Central Basin debt has been paid by the Standby Charge Parcel Tax

The New Structure and CBMWD Governance

- Standby Charge parcel tax levy has been unanimously approved by the Central Basin board every year for the last 9 years, including twice in 2020
- The levy of the standby charge parcel tax has been approved by the Board every year since inception in FY 1991-92

No additional District revenues are pledged

- District controlled non-Standby Charge revenues to be used to fund operations

2018 provision for an intercept of the Standby Charge parcel tax by Los Angeles County will have been fully implemented

- County to directly deposit Standby Charge revenues with US Bank

Historical Standby Charge Levy and Collections

Fiscal Year (ending June 30)	Amount of Standby Charges Levied	Amount of Standby Charges Collected[1]	Percentage of Collections
2015	$3,268,847	$3,308,959	101.2%
2016	$3,266,917	$3,291,478	100.8%
2017	$3,267,318	$3,283,892	100.5%
2018	$3,272,303	$3,286,859	100.4%
2019	$3,361,920	$3,283,501	97.7%
2020	$3,273,647	$3,303,906	100.9%
2021	$3,287,714	$3,212,813	97.7%
2022	$3,232,769	$3,178,572	98.3%
2023	$3,238,315	$3,265,608	100.8%

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Robert Samario
Submitted By: Robert Samario
Approved By: Elaine Jeng

CONSENT ITEM

DECEMBER 2024 DEMAND LIST

SUMMARY:

Each month, Finance staff is required to submit to the Board of Directors a "demand list" for the Central Basin Municipal Water District (District) Board of Directors' (Board) approval. The demand list provide helpful information regarding the payments made by the District to vendors, contractors, and service providers such as payee, check number, amount and the account number charged (normally an expense account). Note that the demand list also includes electronic payment transactions to vendors via ACH.

The demand list for December 2024 is included as Exhibit A to this staff memo.

COMMITTEE STATUS:

The Administration and Finance Committee received and filed this report on February 13, 2025.

RECOMMENDED MOTION:

That the Board receive and file the Demand List for December 2024.

EXHIBITS:

December 2024 Demand List.pdf

Central Basin Municipal Water District

December 2024 Expenses

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor **10815 - ACORN TECHNOLOGY SERVICES**									
11888	IT Services -November 2024	Paid by Check #24937		12/01/2024	12/31/2024	12/19/2024		12/19/2024	5,835.00
	G/L Account								*Amount*
	1-10-103.53013 (General Fund-District Administration-IT & Building Services.IT Professional Services)								5,835.00
	Invoice Items	1							
	Vendor **10815 - ACORN TECHNOLOGY SERVICES** Totals				Invoices	1			
Vendor **10814 - ADMINISTRATIVE CONCEPTS, LLC.**									
3	Transcription of Minutes - December 2024	Paid by Check #24940		12/01/2024	01/31/2025	01/07/2025		01/08/2025	2,375.00
	G/L Account								*Amount*
	1-10-100.53009 (General Fund-District Administration-Department Administration.Consultants)								2,375.00
	Invoice Items	1							
2	Transcription of Minutes - November 2024	Paid by Check #24940		12/02/2024	01/31/2025	01/07/2025		01/08/2025	1,750.00
	G/L Account								*Amount*
	1-10-100.53009 (General Fund-District Administration-Department Administration.Consultants)								1,750.00
	Invoice Items	1							
	Vendor **10814 - ADMINISTRATIVE CONCEPTS, LLC.** Totals				Invoices	2			
Vendor **10792 - ADP, Inc.**									
679832983	Payroll Period Ending Date: 01/05/25	Paid by EFT #8579		12/01/2024	01/17/2025	01/17/2025		01/17/2025	215.15
	G/L Account								*Amount*
	1-20-100.54002 (General Fund-Finance-Department Administration.Administrative Fees)								215.15
	Invoice Items	1							
677446413	Payroll Period Ending Date: 12/08/24	Paid by EFT #8583		12/13/2024	12/20/2024	12/20/2024		12/20/2024	195.15
	1-20-100.54002 (General Fund-Finance-Department Administration.Administrative Fees)								195.15

Invoice Items 1

677448267	Workforce Now Essential Time and Attendance: 12/13/2024	Paid by EFT #8584	12/13/2024	12/20/2024	12/20/2024	12/20/2024	79.50

G/L Account — *Amount*

1-20-100.54002 (General Fund-Finance-Department Administration.Administrative Fees) 79.50

Invoice Items 1

677874397	Payroll Period Ending Date: 12/17/24	Paid by EFT #8582	12/20/2024	12/27/2024	12/27/2024	12/27/2024	119.65

G/L Account — *Amount*

1-20-100.54002 (General Fund-Finance-Department Administration.Administrative Fees) 119.65

Invoice Items 1

678442549	Payroll Period Ending Date:	Paid by EFT #8581	12/27/2024	01/03/2025	01/03/2025	01/03/2025	335.15

G/L Account — *Amount*

1-20-100.54002 (General Fund-Finance-Department Administration.Administrative Fees) 335.15

Invoice Items 1

Vendor **10792 - ADP, Inc.** Totals Invoices 5

Vendor **10109 - AT&T**

2931-12.07.24	Rio Hondo - SCADA - 339.341.2931: 12/07/24-01/06/2025	Paid by Check #24941	12/07/2024	01/31/2025	01/07/2025	01/08/2025	132.45

G/L Account — *Amount*

1-50-502.57003 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Telephone/Data) 132.45

Invoice Items 1

X01042025	Scada: First Net Service: 12/27/26 - 01/26/25	Paid by Check #24958	12/26/2024	01/21/2025	01/21/2025	01/23/2025	160.96

G/L Account — *Amount*

1-50-502.57003 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Telephone/Data) 160.96

Invoice Items 1

Vendor **10109 - AT&T** Totals Invoices 2

Vendor **10434 - BURKE, WILLIAMS & SORENSEN, LLP**

332822	General Counsel Services: Jan 2024 - Oct 2024 fees not paid	Paid by Check #24930	12/01/2024	12/31/2024	12/18/2024	12/18/2024	133,906.50

G/L Account	Amount
1-99-999.53005 (General Fund-Central Basin-Districtwide.Legal - Retainer)	133,906.50

Invoice Items 1

664758	Legal Services - Re: Capstone - October 2024	Paid by Check #24930	12/01/2024	12/31/2024	12/18/2024	12/18/2024	562.50

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	562.50

Invoice Items 1

331426	Legal Services - Re: Forensic Audit with CRI - October 2024	Paid by Check #24930	12/03/2024	12/31/2024	12/18/2024	12/18/2024	11,234.34

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	11,234.34

Invoice Items 1

331428	Temporary Records Acct Support Services - October	Paid by Check #24930	12/03/2024	12/31/2024	12/18/2024	12/18/2024	6,387.50

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	6,387.50

Invoice Items 1

331429	Legal Services - Re: Per Diem Analysis - November 2024	Paid by Check #24930	12/03/2024	12/31/2024	12/18/2024	12/18/2024	4,050.00

1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	4,050.00

Invoice Items 1

331430	Legal Services - Re: Bekele Board Seat/ Quo Warrant - Oct	Paid by Check #24930	12/03/2024	12/31/2024	12/18/2024	12/18/2024	562.50

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	562.50

Invoice Items 1

333317	General Counsel Services - November 2024	Paid by Check #24930	12/10/2024	12/31/2024	12/18/2024	12/18/2024	25,176.08

G/L Account	Amount
1-99-999.53005 (General Fund-Central Basin-Districtwide.Legal - Retainer)	25,176.08

Invoice Items 1

333321	Legal Services - Re: Forensic Audit with CRI - November	Paid by Check #24930	12/10/2024	12/31/2024	12/18/2024	12/18/2024	1,762.50

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	1,762.50

Invoice Items 1

333322	Legal Services - Re: Leticia Vasquez - November 2024	Paid by Check #24930	12/10/2024	12/31/2024	12/18/2024	12/18/2024	7,012.50

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	7,012.50

Invoice Items 1

333323	Temporary Records Acct Support Services - November 2024	Paid by Check #24930	12/10/2024	12/31/2024	12/18/2024	12/18/2024	5,747.56

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	5,747.56

Invoice Items 1

333324	Legal Services - Re: Per Diem Analysis - November 2024	Paid by Check #24930	12/10/2024	12/31/2024	12/18/2024	12/18/2024	12/,000.00

1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	12,000.00

Invoice Items 1

333325	Legal Services - Re: Finance - November 2024	Paid by Check #24930	12/10/2024	12/31/2024	12/18/2024	12/18/2024	187.50

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	187.50

Invoice Items 1

327758	Legal Services - Re: Finance - August 2024	Paid by Check #24942	12/30/2024	01/31/2025	01/07/2025	01/08/2025	225.00

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	225.00

Invoice Items 1

327759	Legal Services - Re: Bekele Board Seat/ Quo Warrant - Aug 2024	Paid by Check #24942	12/31/2024	01/31/2025	01/07/2025	01/08/2025	24,910.00

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	24,910.00

Invoice Items 1

329646	Legal Services - Re: Leticia Vasquez - September 2024	Paid by Check #24942	12/31/2024	01/31/2025	01/07/2025	01/08/2025	8,359.00

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	8,359.00

Invoice Items 1

Vendor **10434 - BURKE, WILLIAMS & SORENSEN, LLP** Totals Invoices 15

Vendor **10710 - CA. UNDERGROUND FACILITIES SAFE EXCAVATION BOARD**

24-251619	CA State Fee Regulatory Cost: December 2024	Paid by Check #24943	12/01/2024	01/31/2025	01/07/2025	01/08/2025	126.20

G/L Account	Amount
1-50-502.57099 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Miscellaneous Expense)	126.20

Invoice Items 1

Vendor **10710 - CA. UNDERGROUND FACILITIES SAFE EXCAVATION BOARD** Totals Invoices 1

Vendor **10517 - CalPERS**

100000017780208	CalPERS Payroll Late fee	Paid by Check #24960	12/27/2024	01/21/2025	01/21/2025	01/23/2025	200.00

G/L Account	Amount
1-30-100.51061 (General Fund-Human Resources-Department Administration.Retirement - CalPERS)	200.00

Invoice Items 1

Vendor **10517 - CalPERS** Totals Invoices 1

Vendor **10269 - COUNTY OF LOS ANGELES DEPT. OF PUBLIC WORKS**

INV250000392	CONTRACT 99-20-PROJECT# M9322035: 01/01/2025-12/31/2025	Paid by Check #24944	12/11/2024	01/31/2025	01/07/2025	01/08/2025	2,264.97

G/L Account	Amount
1-50-502.57027 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Lease Expense)	2,264.97

Invoice Items 1

INV250000393	CONTRACT 99-20-PROJECT# M9322035: 01/04/2025-01/03/2026	Paid by Check #24944	12/11/2024	01/31/2025	01/07/2025	01/08/2025	600.00

G/L Account	Amount
1-50-502.57027 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Lease Expense)	600.00

Invoice Items 1

Vendor **10269 - COUNTY OF LOS ANGELES DEPT. OF PUBLIC WORKS** Totals Invoices 2

Vendor **10258 - EMPLOYMENT DEVELOPMENT DEPT.**

L1814026960	Unemployment Insurance Benefit: 07/01/24-09/30/24	Paid by Check #24963	12/23/2024	01/21/2025	01/21/2025	01/23/2025	6,970.90

G/L Account	Amount
1-30-100.51045 (General Fund-Human Resources-Department Administration.Unemployment Expense)	6,970.90

Invoice Items 1

Vendor **10258 - EMPLOYMENT DEVELOPMENT DEPT.** Totals Invoices 1

Vendor **10753 - FAR MORE LANDSCAPING**

G/L Account	Amount
1-10-103.57019 (General Fund-District Administration-IT & Building Services.Landscape)	1,032.00

Invoice Items 1

Vendor **10753 - FAR MORE LANDSCAPING** Totals Invoices 1

Vendor **10570 - FIRST BANKCARD - CENTRAL BASIN (DISTRICT)**

12.31.24	District Credit Card - 12/31/24	Paid by EFT #8595	12/31/2024	01/25/2025	12/25/2024	12/25/2024	114.40

Item	1	EA	(934.3700)	(934.37)	
G/L Account					*Amount*
1-10-102.51029 (General Fund-District Administration-Board Services.Director's Housing and Accommodations)					(934.37)
Item	1	EA	315.7700	315.77	
G/L Account					*Amount*
1-10-102.51029 (General Fund-District Administration-Board Services.Director's Housing and Accommodations)					315.77
Item	1	EA	600.0000	600.00	
G/L Account					*Amount*
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)					600.00
Item	1	EA	205.0000	205.00	
G/L Account					*Amount*

1-10-100.57099 (General Fund-District Administration-Department Administration.Miscellaneous Expense) 205.00

Item 1 EA (72.0000) (72.00)

G/L Account *Amount*

1-10-102.51029 (General Fund-District Administration-Board Services.Director's Housing and Accommodations) (72.00)

Invoice Items 5

Vendor **10570 - FIRST BANKCARD - CENTRAL BASIN (DISTRICT)** Totals Invoices 1

Vendor **10569 - FIRST BANKCARD - CENTRAL BASIN (FINANCE)**

12.31.24 Finance Credit Card - 12/31/24 Paid by EFT #8594 12/31/2024 01/25/2025 12/23/2024 12/23/2024 2,271.98

Item 1 EA 2,156.7800 2,156.78

G/L Account *Project* *Amount*

1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data) 2,156.78

Item 1 EA 115.2000 115.20

G/L Account *Project* *Amount*

1-10-103.55021 (General Fund-District Administration-IT & Building Services.Permits and Licenses/Software Licenses) 115.20

Invoice Items 2

Vendor **10569 - FIRST BANKCARD - CENTRAL BASIN (FINANCE)** Totals Invoices 1

Vendor **10812 - FIRST BANKCARD - ELAINE JENG**

12.31.24 Jeng Credit Card - 12.31.24 Paid by EFT #8593 12/31/2024 01/25/2025 12/23/2024 12/23/2024 3,601.97

Item 1 EA 885.4400 885.44

G/L Account *Project* *Amount*

1-60-601.57017 (General Fund-Information Technology-IT & Building Services.Repairs & Maintenance - Other) 885.44

Item 1 EA 360.8600 360.86

G/L Account *Project* *Amount*

1-10-100.56009 (General Fund-District Administration-Department Administration.Employee Travel - Lodging) 360.86

Item 1 EA 360.8600 360.86

G/L Account *Project* *Amount*

1-10-100.56009 (General Fund-District Administration-Department Administration.Employee Travel - Lodging) 360.86

Item 1 EA 33.7100 33.71

G/L Account *Project* *Amount*

1-10-100.56003 (General Fund-District Administration-Department Administration.Employee Travel - Other Transportation) 33.71

Item 1 EA 1,897.8600 1,897.86

G/L Account *Project* *Amount*

1-10-100.56009 (General Fund-District Administration-Department Administration.Employee Travel - Lodging) 1,897.86

Item 1 EA 63.2400 63.24

G/L Account *Project* *Amount*

1-10-100.55009 (General Fund-District Administration-Department Administration.Meeting Expense) 63.24

Invoice Items 6

Vendor **10812 - FIRST BANKCARD - ELAINE JENG** Totals Invoices 1

Vendor **10102 - FRONTIER**

2623-11.26.24	Monthly Phone Expense RHPS: 11/26/24-12/25/24 Paid by Check #24964	12/20/2024	01/21/2025	01/21/2025	01/23/2025	139.18

G/L Account *Amount*

1-50-502.57003 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Telephone/Data) 139.18

Invoice Items 1

2623-12.26.24	Monthly Phone Expense RHPS: 12/26/24-01/25/25 Paid by Check #24964	12/26/2024	01/21/2025	01/21/2025	01/23/2025	98.67

1-50-502.57003 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Telephone/Data) 98.67

Invoice Items 1

Vendor **10102 - FRONTIER** Totals Invoices 2

Vendor **10621 - INFRAMARK, LLC**

138918	Operations & Maintenance - Chlorine Delivery: November 2024 Paid by Check #24947	12/02/2024	01/31/2025	01/07/2025	01/08/2025	13,100.46

1-50-502.53109 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Contractors) 13,100.46

Invoice Items 1

139468	Quarterly Inspections 4th Quarter 2024 Paid by Check #24947	12/12/2024	01/31/2025	01/07/2025	01/08/2025	7,797.14

G/L Account *Amount*

1-50-502.53109 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Contractors) 7,797.14

Invoice Items 1

139276	Operations & Maintenance: November 2024 Paid by Check #24947	12/13/2024	01/12/2025	01/07/2025	01/08/2025	62,256.60

G/L Account *Amount*

1-50-502.53109 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Contractors) 62,256.60

Invoice Items 1

Vendor **10621 - INFRAMARK, LLC** Totals Invoices 3

Vendor **10801 - INTREPID MANAGED DISCOVERY**

5418	Videography Services for the Board meeting: 07/11/24	Paid by Check #24938	12/01/2024	12/31/2024	12/19/2024	12/19/2024	745.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	745.00

Invoice Items 1

5799	Videography Services for the special meeting: 10/11/24	Paid by Check #24938	12/01/2024	12/31/2024	12/19/2024	12/19/2024	545.00

1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	545.00

Invoice Items 1

5800	Videography Services for the special meeting: 10/15/24	Paid by Check #24938	12/01/2024	12/31/2024	12/19/2024	12/19/2024	250.00

G/L Account	Project	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)		250.00

Invoice Items 1

5872	Videography Services for the A/F meeting: 10/10/24	Paid by Check #24938	12/01/2024	12/31/2024	12/19/2024	12/19/2024	545.00

G/L Account	Project	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)		545.00

Invoice Items 1

5931	Videography Services for the special meeting: 11/01/24	Paid by Check #24938	12/01/2024	12/31/2024	12/19/2024	12/19/2024	545.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	545.00

Invoice Items 1

5971	Videography Services - Special Board Meeting: 11/13/2024	Paid by Check #24948	12/01/2024	01/31/2025	01/07/2025	01/08/2025	531.50

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	531.50

Invoice Items 1

5417	Videography Services for the Board meetings: 07/10/24	Paid by Check #24932	12/06/2024	12/31/2024	12/18/2024	12/18/2024	595.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	595.00

Invoice Items 1

5647	Videography Services for meetings: 08/19/24	Paid by Check #24932	12/06/2024	12/31/2024	12/18/2024	12/18/2024	595.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	595.00

Invoice Items 1

5789	Videography Services for the Board meetings: 10/07/24	Paid by Check #24932	12/06/2024	12/31/2024	12/18/2024	12/18/2024	545.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	545.00

Invoice Items 1

5793	Videography Services for the Board meetings: 09/30/24	Paid by Check #24932	12/06/2024	12/31/2024	12/18/2024	12/18/2024	545.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	545.00

Invoice Items 1

5959	Videography Services - Board Meetings	Paid by Check #24948	12/30/2024	01/31/2025	01/07/2025	01/08/2025	1,032.50

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	1,032.50

Invoice Items 1

5960	Videography Services for the Water Resources meeting:	Paid by Check #24948	12/30/2024	01/31/2025	01/07/2025	01/08/2025	620.00

1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	620.00

Invoice Items 1

5961	Videography Services for the Water Resources meeting: 12/02/2024	Paid by Check #24948	12/30/2024	01/31/2025	01/07/2025	01/08/2025	845.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	845.00

Invoice Items 1

5963 Videography Services for the A/F meeting: 11/14/24 — Paid by Check #24948 — 12/30/2024 — 01/31/2025 — 01/07/2025 — 01/08/2025 — 695.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	695.00

Invoice Items 1

5972 Videography Services for the special meeting: 11/19/24 — Paid by Check #24948 — 12/30/2024 — 01/31/2025 — 01/07/2025 — 01/08/2025 — 1,070.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	1,070.00

Invoice Items 1

5962 Videography Services for the E&O meeting: 11/13/24 — Paid by Check #24948 — 12/31/2024 — 01/31/2025 — 01/07/2025 — 01/08/2025 — 395.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	395.00

Invoice Items 1

5975 Videography Services for the E&O meeting: 12/11/24 — Paid by Check #24948 — 12/31/2024 — 01/31/2025 — 01/07/2025 — 01/08/2025 — 545.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	545.00

Invoice Items 1

Vendor **10801 - INTREPID MANAGED DISCOVERY** Totals Invoices 17

Vendor **10528 - JOHN ROBINSON CONSULTING, INC.**

CB202301- 19 Monthly Engineering & Operation Consulting Serv: — Paid by Check #24949 — 12/01/2024 — 01/31/2025 — 01/07/2025 — 01/08/2025 — 10,395.00

G/L Account	Amount
1-50-100.53009 (General Fund-Engineering and Operations-Department Administration.Consultants)	10,395.00

Invoice Items 1

Vendor **10528 - JOHN ROBINSON CONSULTING, INC.** Totals Invoices 1

Vendor **10068 - LA EXPRESS ONE INC.**

7554	Water delivery services: 10/29/2024	Paid by Check #24933	12/01/2024	12/31/2024	12/18/2024	12/18/2024	112.00

G/L Account	Amount
1-40-404.55011 (General Fund-Public Affairs-Communications/Outreach & Events.Outreach Expense)	112.00

Invoice Items 1

7615	Water delivery services: 12/02/2024	Paid by Check #24933	12/01/2024	12/31/2024	12/18/2024	12/18/2024	112.00

G/L Account	Project	Amount
1-40-404.55011 (General Fund-Public Affairs-Communications/Outreach & Events.Outreach Expense)		112.00

Invoice Items 1

7634	Water Storage: 11/11/24 - 12/11/24	Paid by Check #24952	12/12/2024	01/31/2025	01/07/2025	01/08/2025	80.00

G/L Account	Amount
1-40-404.55011 (General Fund-Public Affairs-Communications/Outreach & Events.Outreach Expense)	80.00

Invoice Items 1

7648	Water delivery services: 12/18/24	Paid by Check #24952	12/19/2024	01/31/2025	01/07/2025	01/08/2025	162.00

G/L Account	Amount
1-40-404.55011 (General Fund-Public Affairs-Communications/Outreach & Events.Outreach Expense)	162.00

Invoice Items 1

Vendor **10068 - LA EXPRESS ONE INC.** Totals Invoices 4

Vendor **10808 - LightGabler LLP**

87003	Special Legal Services - November 2024	Paid by Check #24934	12/09/2024	12/31/2024	12/18/2024	12/18/2024	1,260.00

G/L Account	Amount
1-99-999.53007 (General Fund-Central Basin-Districtwide.Legal - Services)	1,260.00

Invoice Items 1

Vendor **10808 - LightGabler LLP** Totals Invoices 1

Vendor **10800 - MAX POWER TECHNOLOGY, LLC**

3729	Microsoft Office 365: November 2024	Paid by Check #24939	12/01/2024	12/31/2024	12/19/2024	12/19/2024	1,288.00

G/L Account	Amount
1-10-103.55021 (General Fund-District Administration-IT & Building Services.Permits and Licenses/Software Licenses)	1,288.00

Invoice Items 1

3797	Microsoft Office 365: January 2024	Paid by Check #24953	12/28/2024	01/31/2025	01/07/2025	01/08/2025	1,288.00

G/L Account	Amount
1-10-103.55021 (General Fund-District Administration-IT & Building Services.Permits and Licenses/Software Licenses)	1,288.00

Invoice Items 1

Vendor **10800 - MAX POWER TECHNOLOGY, LLC** Totals

Vendor **10778 - MEHTA MECHANICAL COMPANY INC.**

CB07-22-18	Construction Services- MHPS: November 2024	Paid by Check #24954	12/05/2024	01/31/2025	01/07/2025	01/08/2025	100,445.53

G/L Account	Amount
1-80-800.80101 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycle Distribution System)	100,445.53

Invoice Items 1

Vendor **10778 - MEHTA MECHANICAL COMPANY INC.** Totals

Vendor **10722 - MV CHENG & ASSOCIATES INC.**

11.30.24	Accounting Services: November 2024	Paid by Check #24935	12/06/2024	12/31/2024	12/18/2024	12/18/2024	8,703.75

G/L Account	Amount
1-20-100.53009 (General Fund-Finance-Department Administration.Consultants)	8,703.75

Invoice Items 1

Vendor **10722 - MV CHENG & ASSOCIATES INC.** Totals

Vendor **10773 - NASA SERVICES, INC.**

1197485	RHPS Trash Bin Services: December 2024	Paid by Check #24955	12/01/2024	01/31/2025	01/07/2025	01/08/2025	156.94

G/L Account	Amount
1-50-502.57011 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Waste Management)	156.94

Invoice Items 1

Vendor **10773 - NASA SERVICES, INC.** Totals

Vendor **10708 - NETWORK INTEGRATION COMPANY PARTNERS, INC.**

58373A	IT Support: July - Sep 2024	Paid by Check #24936	12/01/2024	12/31/2024	12/18/2024	12/18/2024	18,000.00

G/L Account	Amount
1-10-103.53013 (General Fund-District Administration-IT & Building Services.IT Professional Services)	18,000.00

Invoice Items 1

Vendor **10708 - NETWORK INTEGRATION COMPANY PARTNERS, INC.** Totals

Vendor **10755 - PUBLIC STORAGE**

12.01.24-B009	Storage Space for December 2024	Paid by EFT #8568	12/01/2024	12/31/2024	12/03/2024	12/03/2024	619.00

G/L Account	*Amount*
1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)	619.00

Invoice Items 1

12.01.24-D027	Storage Space for December 2024	Paid by EFT #8569	12/01/2024	12/31/2024	12/03/2024	12/03/2024	745.00

G/L Account	*Amount*
1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)	745.00

Invoice Items 1

12.01.24-D032	Storage Space for December 2024	Paid by EFT #8567	12/01/2024	12/31/2024	12/03/2024	12/03/2024	510.00

G/L Account	*Amount*
1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)	510.00

Invoice Items 1

Vendor **10755 - PUBLIC STORAGE** Totals

Vendor **10754 - REGUS MANAGEMENT GROUP, LLC**

5975-3346	Lease for Office Space - January 2025	Paid by EFT #8588	12/01/2024	12/31/2024	12/18/2024	12/18/2024	1,242.35

G/L Account	*Amount*
1-10-103.57027 (General Fund-District Administration-IT & Building Services.Lease Expense)	1,242.35

Invoice Items 1

Vendor **10754 - REGUS MANAGEMENT GROUP, LLC** Totals Invoices 1

Vendor **10455 - SO CAL SANITATION LLC**

721474	WC Access Rental: 12/03/24 - 12/30/24	Paid by Check #24975	12/03/2024	01/21/2025	01/21/2025	01/23/2025	49.61

G/L Account	*Amount*
1-50-502.57099 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Miscellaneous Expense)	49.61

Invoice Items 1

723312	Service Porta Potty:	Paid by Check #24975	12/16/2024	01/21/2025	01/21/2025	01/23/2025	65.00

G/L Account	*Amount*

	1-50-502.57099 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Miscellaneous Expense)						65.00
		Invoice Items	1				
725416	WC Access Rental: 12/31/24 - 01/27/25	Paid by Check #24975	12/31/2024	01/21/2025	01/21/2025	01/23/2025	49.61
	G/L Account						*Amount*
	1-50-502.57099 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Miscellaneous Expense)						49.61
		Invoice Items	1				
		Vendor **10455 - SO CAL SANITATION LLC** Totals			Invoices	3	
Vendor **10058 - SO CALIFORNIA EDISON**							
7720-11.13.24	Monthly Electricity - South Gate: 10/14/24-11/12/24	Paid by EFT #8570	12/01/2024	12/31/2024	12/03/2024	12/03/2024	1,530.96
	G/L Account						*Amount*
	1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)						1,530.96
		Invoice Items	1				
1187-12.04.24	Monthly Electricity - Rio Hondo: 10/30/24 to 12/01/24	Paid by EFT #8573	12/04/2024	12/24/2024	12/30/2024	12/30/2024	34,603.23
	G/L Account						*Amount*
	1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)						34,603.23
		Invoice Items	1				
9971-12.11.24	Monthly Electricity: Santa Fe Springs: 11/12/24-12/10/24	Paid by EFT #8572	12/11/2024	12/31/2024	12/31/2024	12/31/2024	1.03
	G/L Account						*Amount*
	1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)						1.03
		Invoice Items	1				
7720-12.12.24	Monthly Electricity - South Gate: 11/13/24-12/11/24	Paid by EFT #8571	12/12/2024	01/02/2025	12/31/2024	12/31/2024	1,309.10
	G/L Account						*Amount*
	1-50-502.57005 (General Fund-Engineering and Operations-Engineering & Recycled Water Ops.Utilities - Electricity)						1,309.10
		Invoice Items	1				
		Vendor **10058 - SO CALIFORNIA EDISON** Totals			Invoices	4	
Vendor **10326 - TASC**							

IN3308734	Funded HRA: December 2024	Paid by Check #24978	12/13/2024	01/21/2025	01/21/2025	01/23/2025	250.00

G/L Account	Amount
1-30-100.53009 (General Fund-Human Resources-Department Administration.Consultants)	250.00

Invoice Items 1

Vendor **10326 - TASC** Totals Invoices 1

Vendor **10171 - TELEPACIFIC COMMUNICATIONS**

183533671-0	Monthly Telecommunication Services: 12/16/24-01/15/25	Paid by EFT #8574	12/16/2024	01/07/2025	12/31/2024	12/31/2024	3,751.38

G/L Account	Amount
1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data)	2,735.43

Item - Rio Hondo Pump Station	1	EA	1,015.9500	1,015.95	

G/L Account	Amount
1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data)	1,015.95

Invoice Items 2

Vendor **10171 - TELEPACIFIC COMMUNICATIONS** Totals Invoices 1

Vendor **10811 - TOM DODSON & ASSOCIATES**

CEB-301-4	CEQA Services for Prop 1 DAC Project - November 2024	Paid by Check #24956	12/13/2024	01/31/2025	01/07/2025	01/08/2025	9,335.00

G/L Account	Amount
1-80-800.80101 (General Fund-Capital Projects -Capital Projects.Capital Outlay - Recycle Distribution System)	9,335.00

Invoice Items 1

Vendor **10811 - TOM DODSON & ASSOCIATES** Totals Invoices 1

Vendor **10766 - Veracity, FirstDigital Telecom**

00758690-1	District Phone System: 12/01/24-12/31/24	Paid by EFT #8576	12/01/2024	12/31/2024	12/30/2024	12/30/2024	621.61

G/L Account	Amount
1-10-103.57003 (General Fund-District Administration-IT & Building Services.Telephone/Data)	621.61

Invoice Items 1

Vendor **10766 - Veracity, FirstDigital Telecom** Totals Invoices 1

Vendor **10762 - WATER EDUCATION FOR LATINO LEADERS**

2024-69	Untapped Fellowship Program for Director Mendez	Paid by Check #24981	12/18/2024	01/21/2025	01/21/2025	01/23/2025	4,000.00

G/L Account	Amount
1-10-102.55009 (General Fund-District Administration-Board Services.Meeting Expense)	4,000.00

Invoice Items 1

CBMWD	12/11/24 Payroll	$26,619.78	
CBMWD	TAXES	$12,609.93	
CBMWD	12/24/24 Payroll	$25,241.95	
CBMWD	TAXES	$12,537.45	
Camacho-Rodrgiuez	Director's - Auto Allowance- monthly	$397.00	
	G/L Account 1-10-102.51023		
	Director's - Communications Allowance	$200.00	
	G/L Account 1-10-102.51025		
	Director's Meetings - Per Diem District	$1,475.95	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/02/2024	($203.96)	$1,868.99
Arturo Chacon	Director's - Auto Allowance- Monthly	$397.00	
	G/L Account 1-10-102.51023		
	Director's - Communications Allowance	$200.00	
	G/L Account 1-10-102.51025		
	Director's Meetings - Per Diem District	$0.00	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/02/2024	($398.89)	$198.11
Juan Garza	Director's - Auto Allowance- Monthly	$397.00	
	G/L Account 1-10-102.51023		
	Director's - Communications Allowance	$200.00	
	G/L Account 1-10-102.51025		
	Director's Meetings - Per Diem District	$1,180.76	
	G/L Account - 1-10-102.51021		
	Director's Meetings - Per Diem MET	$295.19	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/02/2024	($287.01)	$1,785.94
Leticia Vasquez	Director's - Auto Allowance- Monthly	$397.00	
	G/L Account 1-10-102.51023		
	Director's - Communications Allowance	$200.00	
	G/L Account 1-10-102.51025		
	Director's Meetings - Per Diem District	$2,066.33	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/02/2024	($1,124.34)	$1,538.99

Gary Mendez	Director's - Auto Allowance- monthly	$397.00	
	G/L Account 1-10-102.51023		
	Director's - Communications Allowance	$200.00	
	G/L Account 1-10-102.51025		
	Director's Meetings - Per Diem District	$2,656.71	
	G/L Account - 1-10-102.51		
	Payroll Taxes & Deductions - 10/16/2024	($777.75)	$2,382.72
Arturo Chacon	Director's - Auto Allowance- Monthly	-	
	G/L Account 1-10-102.51023		
	Director's - Communications Allowance	-	
	G/L Account 1-10-102.51025		
	Director's Meetings - Per Diem District	$590.38	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/16/2024	($398.38)	$192.00
Juan Garza	Director's - Auto Allowance- Monthly	-	
	G/L Account 1-10-102.51023		
	Director's - Communications Allowance	-	
	G/L Account 1-10-102.51025		
	Director's Meetings - Per Diem MET	$1,771.14	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/16/2024	($225.93)	$1,545.21
Leticia Vasquez	Director's - Auto Allowance- Monthly	-	
	G/L Account 1-10-102.51023		
	Director's - Communications Allowance	-	
	G/L Account 1-10-102.51025		
	Director's Meetings - Per Diem District	$885.57	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/16/2024	($666.81)	$218.76
Juan Garza	Director's - Auto Allowance- Monthly	-	
	G/L Account 1-10-102.51023		
	Director's - Communications Allowance	-	
	G/L Account 1-10-102.51025		
	Director's Meetings - Per Diem District	$885.57	
	G/L Account - 1-10-102.51021		
	Director's Meetings - Per Diem MET	$1,475.95	
	G/L Account - 1-10-102.51021		
	Payroll Taxes & Deductions - 10/02/2024	($355.67)	$2,005.85

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Administrative Concepts
Submitted By: Lucia Cid-Sanchez
Approved By: Elaine Jeng

CONSENT ITEM

APPROVE MINUTES FOR BOARD MEETINGS ON MAY 06, 2024, MAY 20, 2024, JUNE 24, 2024, JULY 22, 2024, AUGUST 26, 2024, SEPTEMBER 23, 2024, OCTOBER 03, 2024, OCTOBER 11, 2024, OCTOBER 28, 2024, JANUARY 27, 2025

RECOMMENDED MOTION:

Approve as presented.

EXHIBITS:

05.06.2024 Special Board of Directors Meeting Minutes.pdf
05.20.2024 Regular Board of Directors Meeting Minutes.pdf
06.24.2024 Regular Board of Directors Meeting Minutes.pdf
7.22.2024 Regular Board of Directors Meeting Minutes.pdf
08.26.2024 Regular Board of Directors Meeting Minutes.pdf
09.23.2024 Regular Board of Directors Meeting Minutes.pdf
10.03.2024 Special Board of Directors Meeting Minutes.pdf
10.11.2024 Special Board of Directors Meeting Minutes.pdf
10.28.2024 Regular Board of Directors Meeting Minutes.pdf
01.27.2025 Regular Board of Directors Meeting Minutes.pdf

CENTRAL BASIN MUNICIPAL WATER DISTRICT
SPECIAL BOARD OF DIRECTORS MEETING
May 6, 2024

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us

1. CALL TO ORDER

The meeting was called to order at: 10:09 AM

1.A Roll Call

Present: Directors Chacon, Crawford, Bekele, Camacho-Rodriguez, Vice-President Garza, President Gualtieri
Absent: Director Vasquez-Wilson

A quorum was present.

Also Present: Acting General Manager, General Counsel Ponto, Board Secretary Brizuela, Board Deputy Kumar

1.B Invocation was led by Director Garza

1.C Pledge of Allegiance led by Director Gualtieri

1.D Certification by the Board Secretary

The Board Secretary certified that the agenda was posted in accordance with the Brown Act.

President Gualtieri stated that on May 4, 2024, he retired from La Habra Heights County Water District. At that time, there was an opinion by the Attorney General that was written in 2018 that discussed the appointees for Central Basin Board. At that time the representative wasn't actually defined. That was determined in 2020 by the Water Code. He stated in his three plus years on the board he had the honor of doing what he believed was very professional, honest with a lot of integrity, representing the purveyors and Central Basin. He would like to see all the directors on the board to serve with integrity, professionalism, honesty, and what is best for Central Basin. He noted there were some items coming up that are very pertinent to this District that needed to be taken care of and

one is to hire an Interim General Manager who can take over and do what needs to be done for this district. He resigned his position immediately because the law states that he cannot continue on the board at this time. He appreciated the board's help and wished the board good luck. Vice-President Garza assumed the role as chair and Mr. Gualtieri left the meeting at 10:14 AM.

Vice president Garza requested the agenda be reorganized by moving Item 6.B, 6.C, 6.D and 6.E to after Public Comments. He also proposed to remove item 4.A since the district is no longer negotiating with the perspective candidate for this position. He summarized the reorganization of the agenda as follows: Item 2; 6.B, 6.C, 6.D, 6.E. After a request by Director Camacho- Rodriguez to reorder Items to 6.E, 6.D, 6.C, and 6.B, the board voted on the order to be heard. The directors concurred to leave the order of the items as requested by Vice President Garza. Item 3.A will follow Item 6.E, followed by 6.A and 6.F.

2. PUBLIC COMMENT

Mr. Martinez addressed the board stating he represented eight cities including the city of Downey which is one of the cities that Central Basin covers. He expressed his disappointment that a map could not be drawn that included the entirety of Downey. He also expressed his opposition to the invocation and his support for Martha Camacho-Rodrguez to be elected as board president or vice-president.

Action Items 6.B, 6.C, 6.D, and 6.E were moved forward.

6.B Board Reorganization: Central Basin Municipal Water District Board President
RECOMMENDED MOTION: That the Board approve the following appointment: Central Basin Municipal Water District Board President
Appointment: _____

Vice-President Garza opened the nominations for Board President.

ACTION: Moved by Director Crawford and seconded by Director Bekele to nominate Director Chacon for President. There being no further nominations the nominations were closed. Director Chacon accepted the nomination. The motion passed by the following roll call vote:
AYES: Chacon, Crawford, Bekele, Camacho-Rodriguez, Garza
NOES: None
ABSENT: Vasquez-Wilson

6.C Board Reorganization: Central Basin Municipal Water District Board Vice President
RECOMMENDED MOTION: That the Board approve the following appointment: Central Basin Municipal Water District Board Vice President:

Appointment: _____

Vice-President Garza opened nominations for Board Vice-President.

ACTION: Moved by President Chacon and seconded by Director Crawford to nominate Director Camacho-Rodriguez for Vice-President. There being no further nominations, the nominations were closed. Director Camacho-Rodriguez accepted the nomination. The motion passed by the following roll call vote:
AYES: Chacon, Crawford, Camacho-Rodriguez, Garza
NOES: Bekele
ABSENT: Vasquez-Wilson

6.D Board Reorganization: Central Basin Municipal Water District MWD Board Representative
RECOMMENDED MOTION: That the Board approve the following appointment: Central Basin Municipal Water District MWD Board Appointment: _____

Vice-President Garza opened nominations for the MWD Board Representative.

ACTION: Moved by President Chacon and seconded by Director Crawford to nominate Director Garza to remain as the MWD representative. There being no further nominations, the nominations were closed. Director Garza accepted the nomination. The motion passed by the following roll call vote:
AYES: Chacon, Crawford, Bekele, Camacho-Rodriguez, Garza
NOES: None.
ABSENT: Vasquez-Wilson

6.E Board Reorganization: Central Basin Municipal Water District MWD Board Representative
RECOMMENDED MOTION: That the Board approve the following appointment: Central Basin Municipal Water District MWD Board Appointment: _____

Vice-President Garza opened nominations for the MWD Board Representative.

ACTION: Moved by President Chacon and seconded by Director Garza to nominate Director Crawford as the second MWD Board representative. There being no further nominations, the nominations were closed. Director Crawford accepted the nomination. The motion passed by the following roll call vote:
AYES: Chacon, Crawford, Bekele, Camacho-Rodriguez, Garza
NOES: None.
ABSENT: Vasquez-Wilson

3. CONSENT ITEMS

3.A Action on Minutes
March 6, 2024 (Regular Board Meeting)
March 7, 2024 (Special Board Meeting
March 25, 2024 (Regular Board Meeting)
April 4, 2024 (Special Board Meeting)
April 15, 2024 (Special Board Meeting)
April 18, 2025 (Special Board Meeting)

A brief discussion was held about the minutes.

ACTION: Moved by Director Garza and seconded by President Chacon to accept the minutes as presented. The motion carried by the following roll call vote:
AYES: Crawford, Chacon, Bekele, Garza
NOES: Camacho-Rodriguez
ABSENT: Vasquez-Wilson

4. CLOSED SESSION

Closed Session was removed from the agenda.

4.A Conference with Labor Negotiator-Pursuant to Government Code Section 54957.6
District Representative: Victor Ponto, General Counsel
Represented Employee: Interim General Manager

5. RECONVENE TO OPEN SESSION

Since the Closed Session was removed from the Agenda, Item 5.A was also removed from the agenda

5.A Report of Action taken in Closed Session

6. ACTION ITEMS

6.A Interim General Manager
RECOMMENDED MOTION: Staff recommends that the Board of Directors: (1) Approve the draft Employment Agreement for Position of Interim General Manager that has been negotiated and published and is included as Exhibit A; or (2) District staff to continue negotiations based on feedback during open session deliberations. Consideration of Interim General Manager contract between Elaine Jeng and CBMWD, with Potential approval of same and relief of Acting General Manager Services by Victor Ponto.

Director Garza explained to the audience that the closed session was removed from the agenda because the candidate had initially made a counteroffer to the agreement that was negotiated and since the law mandates that negotiations take place in closed

session, it was placed on the agenda. Since the posting of the agenda the candidate rescinded her counteroffer which means the only agreement left before the board to consider is the original agreement. So, there is no need for reconsideration. The Acting General Manager presented a brief report.

ACTION: Moved by Director Garza and seconded by President Chacon to accept the and finalize the agreement with Ms. Jeng for the Interim General Manager position.

Thereafter followed a brief discussion regarding the contract and hiring of the interim general manager. Mr. Garza continued that the final announcement would be during the regular board meeting as the law mandates.

The motion carried by the following roll call vote:
AYES: Chacon, Crawford, Bekele, Garza
NOES: Camacho-Rodriguez
ABSENT: Vasquez-Wilson

General Counsel Ponto explained the final approval and ratification of the contract process and the start date of the interim general manager.

6.B Board Reorganization: Central Basin Municipal Water District Board President

Item 6.B was previously acted on after Public Comments.

6.C Board Reorganization: Central Basin Municipal Water District Board Vice President

Item 6.C was previously acted on after Public Comments.

6.D Board Reorganization: Central Basin Municipal Water District MWD Board Representative

Item 6.D was previously acted on after Public Comments.

6.E Board Reorganization: Central Basin Municipal Water District MWD Board Representative

Item 6.E was previously acted on after Public Comments.

6.F Zoom Meeting Videos and Transcripts

Acting General Manager Ponto presented a brief staff report advising the steps he has taken to document the meetings. Vice-President Camacho-Rodriguez requested that each board member receive a laptop where each can log in and be co-hosts and can have the transcript available. She also discussed other issues with the Zoom meeting

recordings and sound. Further discussion continued regarding preparing an RFP and soliciting bids for the audio/visual services.

ACTION: Moved by Vice-President Camacho Rodriguez and seconded by President Chacon to direct staff to develop an RFP for video graphic services and bring it back to the May 20th Board meeting for review and approval. The Motion carried by the following roll call vote:
AYES: Chacon, Crawford, Bekele, Camacho-Rodriguez, Garza
NOES: None
ABSENT: Vasquez-Wilson

7. GENERAL MANAGER'S AND BOARD COMMENTS

7.A General Manager's Comments

Acting General Manager commented that he did not have a master inventory of the committees on which President Gualtieri served as either a member or alternate. After a brief discussion President Chacon suggested Director Crawford fill Mr. Gualtieri's position on the Administration and Finance Committee.

Mr. Ponto advised that he felt there needs to be an Admin Code Committee because he has observed a level of ambiguity in the code especially on voting requirements. He said the Code is a PDF and the changes made to the code are not being reflected as they are made.

Thereafter, a discussion took place regarding beginning the election process for Director Gualtieri's position and Director Bekele's position. After some discussion about the election process for Director Bekele, the board clerk was directed not to begin the election process for Director Bekele at this time. The bord requested a memorandum from assistant general counsel regarding the findings.

7.B Directors' Comments

Director Camacho-Rodriguez reported that she continues to attend meetings and requested the time sheet be brought back at the next regular meeting so the board can see how the meetings attended are reflected. She asked that Director Vasquez-Wilson's absence be excused since she was ill.

President Chacon asked to keep Director Vasquez-Wilson in prayer.

Director Garza congratulated President Chacon for becoming president and Vice-President Camacho-Rodriguez on becoming vice-president of the board. He thanked former President Gualtieri for his service to the board and thanked staff for everything they do. He was looking forward to having Ms. Jeng on board.

He also reported on the joint inspection trip co-hosted by Metropolitan Water Board to the State Water project areas, noting that this was the first all-Hispanic trip explaining how it would benefit the Hispanic community. He also stated he looked forward to working with Director Crawford on the Metropolitan Water Board.

8. ADJOURNMENT

8.A Adjourn Special Board Meeting of April 6, 2024

There being no further business to come before the board, the meeting was adjourned at 11:02 am.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS MEETING
MAY 20, 2024

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 90040 and on Zoom
https://centralbasin-org.zoom.us

1. CALL TO ORDER

The meeting was called to order at: 10:04 AM

1.A Roll Call

Present: Director Chacon, Director Crawford, Director Bekele via Zoom, Director Vasquez-Wilson, Camacho-Rodriguez, Director Garza

A quorum was present.

Also Present: Acting General Manager Ponto, Assistant Genera Counsel, Board Secretary Brizuela, Board Deputy Kumar

1B Director Chacon led the invocation.

1C. Director Crawford led the pledge of Allegiance.

1D. The Board Secretary certified the agenda was posted under state law.

Director Garza requested that the consideration and ratification of Elaine Jeng's contract as interim general manager be added to the agenda as an emergency item immediately after public comments. Director Garza explained that the financial situation of the district is currently challenging. The district hasn't adopted a budget yet and also because a copy of the audit report was received this morning, there are significant findings that he felt merited the emergency justification to add this item to the agenda.

ACTION: Moved by Director Garza and seconded by Director Camacho-Rodriguez, to add the consideration and ratification of Elaine Jeng's contract as interim general manager to the agenda as an emergency item immediately after public comments. The motion carried by the following roll call vote:
AYES: Crawford, Bekele, Camacho-Rodriguez, Garza
NOES: Chacon, Vasquez-Wilson

ABSENT: None

Director Camacho-Rodriguez requested the IT RFP process be placed on the agenda as an emergency item. She explained the reason for this request was the district's website that was disabled that has over twenty years of historical documents around the district's finances and business and many of those documents are urgently needed for the budget process and the loss of her email address.

ACTION: Moved by Director Camacho-Rodriguez and seconded by Director Garza, to add to the agenda to request staff to begin the IT RFP process to be placed on the next regular agenda as an emergency item. A discussion ensued regarding the background for this item. The motion carried by the following roll call vote:
AYES: Crawford, Bekele, Vasquez -Wilson, Camacho-Rodriguez, Garza
NOES: Chacon
ABSENT: None

Director Garza confirmed that he requested the interim general manager's contract be added immediately after public comments, then Item 2.A, the added item regarding interim general manager contract, Item 5.C, the general counsel's services and move closed session item 9.A immediately after those items so that Director Bekele can participate in those discussions since he has limited time today. Clarification was provided by the general counsel's office that the two added items met the criteria of emergency and could legally be added to the agenda. Thereafter a lengthy discussion took place as to whether the board made a determination by a majority vote as to whether these two items were an emergency and able to be added to the agenda, before the board voted to add the items. A conversation continued regarding how the board voted on Ms. Jeng's contract on May 6th and the board secretary was asked to read the votes.

ACTION: Moved by Director Garza and seconded by Director Camacho-Rodriguez to reorganize the agenda as requested by Director Garza. The motion carried by the following roll call vote:
AYES: Crawford, Bekele, Camacho-Rodriuez, Garza
NOES: Chacon, Vasquez-Wilson

2. PRESENTATIONS

2.A Final Report of CBMWD 2021-2022 Audit – Harshwal & Company, LLC

Directors Camacho-Rodriguez and Vasquez-Wilson had not received a copy of the audit and requested this item be continued to the next meeting, so all the directors have had a chance to review the audit and have the auditor present.

ACTION: Moved by Director Garza and seconded by Camacho-Rodriguez to move Item 2.A to a date uncertain; the next opportunity the board has for a special meeting and request staff to poll the availability of the board. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Vasques-Wilson, Camacho-Rodriguz, Chacon
NOES: None
ABSENT: None

Acting General Manager Ponto requested Mr. Pun to send him the documents he received from the auditors, and he would disseminate them to the board. Director Vasquez-Wilson requested the auditor be present at that meeting.

2.B was moved until after Closed Session Item 9.A.

3. PUBLIC COMMENTS

Lee Squire addressed the Board stating Ken Pun was not responsible for presenting the audit report. He also addressed the inability to obtain public records, the forensic auditors, and other issues.

ADDED AGENDA ITEM:

Consideration and Ratification of Elaine Jeng's Contract as Interim General Manager.

The assistant general counsel and human resources manager Braddock presented the staff report providing the background of the contract and background check. Thereafter, a lengthy discussion ensued regarding whether the board hired Ms. Jeng as the interim general manager.

ACTION: Moved by Director Vasquez-Wilson and seconded by President Chacon to defer this matter until the Board received more clarification and had an opportunity to review the May 6, 2024, video of the meeting. The motion failed by the following roll call vote:
AYES: Chacon, Vasquez-Wilson
NOES: Crawford, Bekele, Camacho-Rodriguez, Garza
ABSENT: None

Ms. Braddock continued her report advising the salary and benefits included in the contract.

ACTION: Moved by Director Garza and seconded by Director Camacho-Rodriguz to ratify the contract with Elaine Jeng as Interim General Manager and for the President of the board to execute the agreement and if he does not execute the agreement within three days from the date, then the vice-president of the board will execute the agreement.

He further noted that the execution of the agreement is not approving the agreement, it is attesting to the action that has taken place. The motion carried by the following roll call vote:
AYES: Crawford, Bekele, Camacho-Rodriguez, Garza
NOES: Chacon, Vasquez-Rodriguez
ABSENT: None

Director Camacho-Rodriguez clarified the action that was taken was to ratify the contract since no general manager can be hired unless their contract is ratified in a regularly scheduled meeting.

Item 5.C was moved forward for discussion and action.

5.C General Counsel Services

RECOMMENDED MOTION: Terminate general counsel services contract No. 2024-09 with Burke, Williams and Sorenson LLP effective May 21, 2024, and (per the final scoring of the District's September 12, 2023 RFP for general counsel services) award a general counsel services contract to the second highest scoring firm Alvarez, Glasman and Colvin for a monthly retainer of $25,000/ mo. And litigation services provided as requested by the district at the hourly rates listed on the firm's RFP response and authorize the board president to execute the agreement effective May 21, 2024.

President Chacon reported that he placed this item on the agenda because he was not satisfied with the district's general counsel and provided his reason for his dissatisfaction. Thereafter a discussion continued regarding this issue.

ACTION: Moved by President Chacon and seconded by Director Crawford that the district moves forward with a different firm, the firm that came in second Alvarez, Glasman and Colvin. The motion failed by the following roll call vote:
AYES: Chacon, Crawford
NOES: Bekele, Vasquez-Wilson, Camacho-Rodriguez, Garza

CLOSED SESSION Item 9.A was moved forward

The board recessed to closed session at 11:16 am to discuss the following:

9.A Conference with Legal Counsel – Potential/Anticipated/Litigation – Paragraph (1) of subdivision (e) of Section 54956.9: 2 matters

10. RECONVENE TO OPEN SESSION

The board reconvened to open session at 11:50 am at which time assistant general counsel announced that there was no reportable action at this time.

2. PRESENTATIONS CONTINUED

2.b 2022 A & B Bond Refunding Presentation

Item 2.b was pulled and continued to the June 2024 board meeting to be heard at the same time that the auditors, Harshwal & Company, are to present the 2022 Audit Report. However, a brief discussion ensued and Christian Sprunger, Assistant Vice-President with NHA Advisors was requested to send the disclosure documents to the Board Clerk for dissemination to each board member. Mr. Sprunger also advised that BAM (Build America Mutual) were the bond insurers for the refinancing.

4. STAFF PRESENTATIONS

4.A Re-Evaluation of District Main Office Renovation Project presentation

A presentation was provided by John Robinson, Director of Engineering & Operations. Thereafter, the board discussed the issues and directed staff to determine what accounts the funds from the sale of the property were placed in when this item was brought back.

No action was taken.

5. ACTION ITEMS

5.A Approval of Resolution Initiating Proceedings for Standby Charge

RECOMMENDED MOTION: That the board approve, adopt and authorize the Board President to sign Resolution no. 05-24-1062, "A RESOLUTION OF THE BOARD OF DIRETORS OF CENTRAL BASIN MUNICIPAL WATER DISTRICT INITIATING PROCEEDINGS FOR THE CONTINUATION OF THE WATER AVAIILABILITY OR STANDBY CHARGE FOR THE FISCAL YEAR COMMENCING JULY 1, 2024."

A brief staff report was presented by Sharon Kumar and noted the public hearing would be held at this location on June 24, 2024, at 10:00 am. A brief board discussion took place regarding the West Basin lawsuit which was explained to the board by Mr. Robinson and confirmed that Central Basin went out to the voters and is in good standing.

ACTION: Moved by Director Garza and seconded by Director Crawford to approve, adopt and authorize the Board President to sign Resolution no. 05-24-1062, "A RESOLUTION OF THE BOARD OF DIRECTORS OF CENTRAL BASIN MUNICIPAL WATER DISTRICT INITIATING PROCEEDINGS FOR THE CONTINUATION OF THE WATER AVAIILABILITY OR STANDBY CHARGE FOR THE FISCAL YEAR COMMENCING JULY 1, 2024." The motion carried by the following roll call vote:
AYES: Chacon, Crawford, Vasquez, Camacho-Rodrigeuz, Garza
NOES: None
ABSENT: Bekele

5.B Treasurer and Deputy Treasurer Appointment

RECOMMENDED MOTION: That the Board approve to appoint the designation of the Treasurer role to the Board President or Board Designee and the Deputy Treasurer role to a Finance team member.

A brief staff report was presented by Human Resources Manager Naja Braddock. The board discussed the matter and Vice-President Camacho-Rodriguez nominated herself. After further discussion, Ms. Camacho-Rodriguez retracted her nomination and concurred that the appointment should be held off until the new general manager is appointed.

ACTION: Moved by Director Garza and seconded by Director Camacho-Rodriguez to table this item to a date uncertain. The motion carried by the following roll call vote:
AYES: Chacon, Crawford, Vasquez, Camacho-Rodrigeuz, Garza
NOES: None
ABSENT: Bekele

5.C General Counsel Services

This item was acted on prior to recessing to closed session.

5.D Amendment to Admin Code 3.3(1)(i) relating to the President's Authority to Agendize items.

Director Camacho-Rodriguez requested this item be placed on the agenda explaining that the Admin Code should not prevent board members other than the president from placing items on the agenda. She requested that Admin Code 3.3(1)(i) be amended to remove the language that prevents directors from placing items on the agenda and asked that it be brought back at the same time as the other items that were tabled.

ACTION: A substitute motion by Director Vasquez-Wilson and seconded by President Chacon to keep the Admin Code as it currently is with no amendment as it pertains to the president's authority to agendize items. The motion failed by the following roll call vote:
AYES: Chacon, Crawford, Vasquez-Wilson
NOES: Camacho-Rodriguez, Garza
ABSENT: Bekele

ACTION: Moved by Director Camacho-Rodriguez and seconded by Director Garza to bring this item back at the same time as the other items that were tabled. The motion carried by the following roll call vote:
AYES: Chacon, Crawford, Vasquez-Wilson, Garza
NOES: Camacho-Rodriguez
ABSENT: Bekele

6. INFORMATION AND DISCUSSION ITEMS

None.

7. CONSENT ITEMS

None.

8. REPORTS AND CORRESPONDENCE

8.A Water Supply and Resources Update

8.B Capital Improvement Projects and Recycled Water program update

8.C Montebello Hills Recycled Water Expansion Project Financial Report Update

Items 8.A, 8.B, and 8.C were for receipt and file. No action was taken.

9. CLOSED SESSION was moved forward.

10. RECONVENE TO OPEN SESSION was moved forward.

Acting General Manager Ponto thanked staff for supporting him during this interesting episode in his career. He acknowledged staff for going above and beyond to make him look passable and he expressed his appreciation. He congratulated Ms. Jeng and wished her good luck.

Director Camacho-Rodriguez reported on her attendance at the Contract Cities Conference. She continued to attend the board meetings of other agencies and would like the list of meetings that were removed from the approved meetings for attendance be brought back.

Director Vasquez-Wilson reported that she was glad that the board has been able to move things forward. She also invited herself on the trip that would be taking place with Mr. Robinson to the Montebello Hills projects.

Director Garza stated he was excited about getting the interim general manager on board.

Director Crawford also attended the Contract Cities Conference, and he thought it was a good conference with good speakers.

Director Chacon thanked staff for preparing the documents and for keeping the board informed of actions in the communities and thanked everyone for showing up.

Ms. Kumar reminded the board that the nomination form for Director Bekele's position and Director Gualtieri's position will be mailed out tomorrow. Director Camacho-Rodriguez requested a copy of the nomination form. A brief discussion ensued regarding the nomination process.

11. ADJOURNMENT

The board secretary announced that the board's next meeting will be on June 24, 2024. and adjourned the meeting at 12:57 PM.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS MEETING
JUNE 24, 2024

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us

There was a lengthy discussion that ensued prior to the meeting being called to order regarding the resignation of Director Bekele on May 20, 2024, to be effective upon the election of a replacement director for the Central Basin Municipal Water District and the Board President refused to start the meeting until authorities arrived.

1. CALL TO ORDER

The meeting was called to order at: 10:28 AM by Vice-President Camacho-Rodriguez

1.A Roll Call

Present: Directors Garza, Crawford, Bekele, Vice-President Camacho-Rodriquez,
Directors Vasquez-Wilson, and President Chacon arrived at 10:32 AM.

A quorum was present.

Also Present: Interim General Manager Jeng, General Counsel Ponto, Board Secretary Brizuela, Board Deputy Kumar

1.B Invocation was led by Director Garza

1.C Pledge of Allegiance was led by Director Garza

1.D Certification by the Board Secretary

The board secretary certified that the agenda had been posted in accordance with the Brown Act.

ACTION: Moved by Director Garza and seconded by Director Camacho-Rodriguez to add an item to the agenda immediately after public comments, to remove the president of the board from his role as president. General Counsel Ponto advised adding an emergency item to the agenda pursuant to Government Code Section 54954.2(b) would take a majority vote for an emergency. A discussion ensued regarding this matter not being an emergency. Director Garza stated the findings for the record are the fact that the president is stalling the business of this agency and preventing agenda items from being added to the agenda. Further debate continued. The motion failed for lack of majority by the following roll call vote:
AYES: Garza, Bekele, Camacho-Rodriguez

NOES: Velasquez-Wilson, Chacon
ABSTAIN: Crawford

2. PUBLIC COMMENTS

Lee Squire addressed the board regarding Director Bekele representing the twenty-four cities of the district, the cash investment reports, the Capstone investigation, and the 2022 audit.

Darrick Nguyen, City of Lakewood Director of Water Resources addressed the board regarding the city's continued support for Director Bekele as the cities' representative. The City of Lakewood also supports the contract for interim general manager Elaine Jeng and requested that her contract be reaffirmed and ratified.

President Chacon recessed the meeting at 10:46 AM. The meeting was reconvened at 11:23 AM.

Vera Robles DeWitt and Dennis Alvarez addressed the board as individual taxpayers expressing their disappointment of what they have seen at the board meeting this morning. She discussed the conference she just returned from and the discussion about disbanding the Central Basin.

(Name inaudible) addressed the board from the Zoom audience stating that she was the Chair of the water committee of the Metropolitan Water District of Orange County expressing her disappointment of what she has seen at the meeting.

President Chacon requested to have Action Items 9.B, 9.C, 9.E, and 9.F moved to the front of the agenda.

ACTION ITEMS MOVED FORWARD:

9.B Standby Charge Program Public Hearing and Adoption by Resolution No. 06-24-1064 for Fiscal Year 2024-25
RECOMMENDED MOTION: That the Board:

A. PUBLIC HEARING
Conduct a public hearing and receive comments on Central Basin's proposed water standby parcel assessment for Fiscal Year 2024-25, and

ACTION: Moved by Director Garza and seconded by Director Crawford to open the public hearing at 11:31 am. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Velasquez-Wilson, Camacho-Rodriguez, Chacon
NOES: None
ABSENT: None

Lee Squire addressed the Board regarding the standby charge revenues and the revenue refinancing bonds.

The board secretary certified she did not receive any written comments from the public.

ACTION: Moved by Director Garza and seconded by Director Crawford to close the public hearing. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Velasquez-Wilson, Camacho-Rodriguez
NOES: Chacon
ABSENT: None

B. CONSIDERATION OF RESOLUTION

Approve, adopt and authorize the President to sign Resolution No. 06-24-1064, "A Resolution of the Board of Directors of the Central Basin Municipal Water District Continuing Standby Charges for the Fiscal Year Commencing July 1, 2024, and Repealing Resolution No. 05-23-1056".

ACTION: Moved by Director Garza and seconded by Director Crawford to Approve, adopt and authorize the President to sign Resolution No. 06-24-1064, or the vice president if not signed in three days by the president, "A Resolution of the Board of Directors of the Central Basin Municipal Water District Continuing Standby Charges for the Fiscal Year Commencing July 1, 2024 and Repealing Resolution No. 05-23-1056."

A brief discussion regarding a legal dispute in the West Basin Water District regarding the standby charge not being voted on by the rate payers. Director Velasquez-Wilson requested to see the documentation of when the Central Basin Water District ratepayers voted on this matter. Mr. Robinson responded to the concern addressed by Ms. Velasquez-Wilson that in 1991 West Basin and Central Basin did go out to the public and the standby charge was approved by the public at $10 per parcel. The nuance is that West Basin increased their standby charge above the $10 per parcel rate without notifying the public. Mr. Robinson stated he would find the documents and get them posted on the website.

The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Camacho-Rodriguz
NOES: Velasquez-Wilson, Chacon
ABSENT: None

9.C Consideration and Approval of General Election Resolution No. 06-24-1065 to Render Election Services

Board Secretary Kumar presented a brief report indicating the district has been notified by Los Angeles County that the election is scheduled to be held on Tuesday, November 5, 2024. The resolution is required by the County that the district permit the Registrar-Recorder's office to conduct the election. Divisions 1, 2 and 4 will be up for election this coming November 2024 and the resolution must be filed with the County by July 9, 2024.

ACTION: Moved by Director Garza and seconded by Director Camacho-Rodriguez to adopt Resolution No 06-24-1065. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Velasquez-Wilson, Camacho-Rodriguez
NOES: Chacon
ABSENT: None

9.E Central Basin Municipal Water District MWD Board Representative Appointment
RECOMMENDED MOTION: That the Board approve the following appointment: Central Basin Municipal Water District Board Representative: _____

A brief report was given by Board Secretary Kumar.

ACTION: Moved by Director Chacon and seconded by Director Velasquez-Wilson to nominate Director Velasquez-Wilson to the MWD Board. The motion failed by the following roll call vote:
AYES: Velasquez-Wilson, Chacon
NOES: Garza, Crawford, Bekele
ABSTAIN: Camacho-Rodriguez

Director Velasquez-Wilson moved to nominate Director Camacho-Rodriguez. Director Camacho-Rodriguez refused to accept the nomination.

9.F Ratification of Interim General Manager Contract between Central Basin Municipal Water District and Elaine Jeng
RECOMMENDED MOTION: That the board reaffirm its ratification of the Interim General Manager Contract between the Central Basin Municipal Water District and Elaine Jeng previously approved during the May 6, 2024, Special Meeting.

President Chacon adjourned the meeting at 11:39 am stating illegal votes were taking place, and he was not going to participate. Mr. Chacon stated he was leaving the meeting and whoever wants to stay can, but the district will be in court next week. The board recessed at this time. The meeting reconvened at 12:05 pm with Vice-President Camacho-Rodriguez chairing the meeting.

Secretary Kumar took roll:
Present: Directors Garza, Crawford, Bekele, Vice-President Camacho-Rodriguez
Absent: Directors Valasquez-Wilson, President Chacon

A quorum was present to continue the meeting beginning with item 9.F.

Assistant General Counsel Lopes advised this item is on the agenda to reaffirm its ratification of the interim general manager contract in accordance with Government Code

Section 54956 (b) which provides generally that ratification for compensation for an agency executive be done at a noticed regular board meeting. He provided background into the approval of the contract at previous meetings and the reason for this item being back on the agenda today. He recited the compensation, benefits and terms of the contract. Human Resources Manager Braddock confirmed that Ms. Jeng has cleared all her background requirements.

ACTION: Moved by Director Garza and seconded by Vice-President Velasquez-Wilson to reaffirm the board's ratification of the Interim General Manager Contract between the Central Basin Municipal Water District and Elaine Jeng previously approved during the May 6, 2024, Special Meeting.

General Counsel Ponto responded to Director Crawford's question regarding the legality of continuing the meeting after it was adjourned by the President, Mr. Ponto explained Roberts Rules of Order stating a privileged motion like a motion to adjourn requires a motion, a second. and a majority vote. In the event that the items are all addressed and resolved, and no open items remain, the meeting may end without a vote. He confirmed that the legal position is that the remaining board can continue under the parliamentary rules of procedure.

The above motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Camacho-Rodriguez
NOES: None
ABSENT: Velasquez-Wilson, Chacon

3. PRESENTATIONS

None.

4. INFORMATION AND DISCUSSION ITEMS

None.

5. REPORTS AND CORRESPONDENCE

None.

6. CONSENT ITEMS

ACTION: Moved by Vice-President Camacho-Rodriguez and seconded by Director Garza to continue Items 6.A, 6.B, and 6.C to a meeting date uncertain. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Camacho-Rodriguez
NOES: None
ABSENT: Velasquez-Rodriguez, Chacon

6.A Financial Reports
Demands- April, May

6.B Action on Minutes
April 30, 2024 (Special Board meeting)
May 6, 2024 (Special Board Meeting)
May 20, 2024 (Regular Board meeting)

6.C Investment Report, Liquidity, and Day's Cash Evaluation – January, February, March, April, May Activities

7. CLOSED SESSION

The board recessed to closed session at 1:51 pm to discuss the following item:

7.A Conference with Legal Counsel – Potential/Anticipated litigation Paragraph (1) of subdivision (e) of Section 54956.9: (3 Matters)

7.B Conference with Legal Counsel-Existing Litigation (Paragraph (1) of subdivision (d) of Section 54956.9), Leticia Vasquez-Wilson v. Central Basin Municipal Water District, et al. (Case no. 22STCV19770)

8. RECONVENE TO OPEN SESSION

8.A Report of Action Taken in Closed Session

The board reconvened at 2:26 pm at which time the General Counsel announced that the board went into closed session under Items 7.A and 7.B. With respect to Item 7.B counsel was given direction which was received. With respect to 7.A there were three matters. Two matters are going to be continued to a date uncertain for the next meeting where the board can have a closed session. With respect to the other matter, it was in response to a letter to cure, that was served on the district by an attorney David Torris Seigrist. For that item the board authorized general counsel to handle any responsive pleadings that may arise. There was a motion made by Director Garza and seconded by Director Crawford and Directors Bekele and Camacho-Rodriguez voted in the affirmative for a 4-0 vote to have that direction. No further reportable action at this time.

9. ACTION ITEMS

9.A FY 22 Financial Audit
RECOMMENDED MOTION: Receive a report on the progress of the FY 22 Financial Audit, consider professional services proposals from four auditing firms, and provide direction to staff.

Item 9.A was not acted upon.

9.B Standby Charge Program Public Hearing and Adoption by Resolution No. 06-24-1064 for Fiscal Year 2024-25

RECOMMENDED MOTION: That the Board:

C. PUBLIC HEARING
Conduct a public hearing and receive comments on Central Basin's proposed water standby parcel assessment for Fiscal Year 2024-25, and

D. CONSIDERATION OF RESOLUTION
Approve, adopt and authorize the President to sign Resolution No. 06-24-1064, "A Resolution of the Board of Directors of the Central Basin Municipal Water District Continuing Standby Charges for the Fiscal Year Commencing July 1, 2024 and Repealing Resolution No. 05-23-1056".

This item was moved forward and acted on above.

9.C Consideration and Approval of General Election Resolution No. 06-24-1065 to Render Election Services

This item was moved forward and acted on above.

9.D FY 2024-2025 Adoption of Carryover Budget

RECOMMENDED MOTION: That the Board adopt the proposed FY 24-25 Budget and water rates.

Finance Consultant Robert Samario presented a lengthy staff report explaining details of the carryover budget and responded to questions from the board.

ACTION: Moved by Director Garza and seconded by Vice-President Camacho-Rodriguez to adopt the proposed FY 24-25 Budget and water rates. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Camacho-Rodriguez
NOES: None
ABSENT: Velasquez-Wilson, Chacon

9.E Central Basin Municipal Water District MWD Board Representative Appointment

RECOMMENDED MOTION: That the Board approve the following appointment: Central Basin Municipal Water District Board Representative: _____

This item was moved forward and acted on above.

9.F Ratification of Interim General Manager Contract between Central Basin Municipal Water District and Elaine Jeng

RECOMMENDED MOTION: That the board reaffirm its ratification of the Interim General Manager Contract between the Central Basin Municipal

Water District and Elaine Jeng previously approved during the May 6, 2024 Special Meeting.

This item was moved forward and acted on above.

10. GENERAL MANAGER & DIRECTORS' COMMENTS

10.A General Manager's Comments
10.B Directors' Comments and Reports on District Activities

None.

11. ADJOURNMENT

11.A Next Regular Board Meeting: July 22, 2024
11.B Adjourn Regular Board Meeting of June 24, 2024

There being no further business to come before the board, the meeting was adjourned at 2:28 pm.

Respectfully submitted

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS MEETING
JULY 22, 2024

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us

1. CALL TO ORDER

The meeting was called to order at: 10:01 Am

1.A Roll Call

Present: Directors Crawford, Bekele, Garza, Vasquez-Wilson, Vice-President Camacho-Rodriquez, President Chacon

A quorum was present.

Also Present: Interim General Manager Jeng, General Counsel Ponto, Board Secretary Brizuela, Board Deputy Kumar

1.B Invocation was led by President Chacon

1.C Pledge of Allegiance was led by Director Velasquez-Wilson

Director Velasquez-Wilson noted for the record that Director Bekele resigned from the Board of Directors effective in May. He sent an email to General Counsel that there was currently an election in progress to fill two vacancies: one vacancy created by the retirement of Michael Gualtieri from the La Habra Heights County Water District. Thereafter Ms. Velasquez-Wilson discussed the circumstances surrounding Mr. Gualtieri's retirement and remaining on the board, when in fact he should not have been allowed to stay on the board. Ms. Velasquez-Wilson continued discussing the issue and stated for the record that Mr. Bekele was not a sitting board member because a special election was in place to fill his and Mr. Gualtieri's vacancies.

Thereafter, Mr. Bekele addressed the board regarding intimidating circumstances surrounding his being served with legal papers and requested that these legal papers be discussed in closed session. After discussion among the board members regarding this issue.

ACTION: Director Garza moved to have Mr. Bekele's request to have this item added to the closed session agenda, the motion was seconded by Director Bekele. The motion failed by the following roll call vote:
AYES: Bekele, Garza, Camacho-Rodriguez
NOES: Velasquez-Wilson, Chacon
ABSTAIN: Crawford because he did not have enough information to vote.

1.D Certification by the Board Secretary

The board secretary certified that the agenda had been posted in accordance with the Brown Act.

2. PUBLIC COMMENT

Lee Squire addressed the Board regarding the 2022 Refinancing Bonds and cash payments not being included on the Demands Listings and other issues having to do with finance reports.

Interim General Manager Jeng stated that she received a letter from the City of Lakewood this morning and the city asked that the letter be read into the record. The letter is dated July 1, 2024, addressed to the Central Basin Water District, Attention Board of Directors regarding June 24, 2024, Board of Directors Meeting. "Dear Board of Directors, we write as cities within the service area of CBWMD that depend on your agency to ensure water supplies within our region are safe, secured and affordable. Our cities and respective citizens are entitled to a professionally run member agency that conducts its business openly and efficiently. In that light, we are disappointed and disturbed by the disruptive behavior Directors Chacon and Velasquez exhibited at the meeting on June 24th. As the video record demonstrates for more than an hour at the beginning of the important meeting, these two members insisted on continually interrupting the conduct of the district's business claiming the City's representative director Thomas Bekele could not participate in the meeting. Furthermore, those board members attempted to involve law enforcement to advance their claim and deny Mr. Bekele his seat. Ultimately, law enforcement declined to become involved in this overtly political matter. The unruly behavior was entirely uncalled for and profoundly unprofessional. At the onset the board clearly heard from its own General Counsel to the effect that Mr. Bekele can continue to serve as a member of the Board with full rights to participate in discussions and vote on matters on the agenda. The issue should have taken about one minute of the directors' time to resolve, not an hour. The law entitles the cities to their board seat. An effort to unseat Mr. Bekele, especially in view of the district's counsel clearly stated opinion to the contrary, is an effort to illegally deny the cities their right to a representative. We urge all directors to be attentive to their duties and to pay close attention to important water issues the district should address rather than wasting time creating delay, drama, and disruption.

The behavior demonstrated at the June 24th meeting is the type of behavior that prompted the legislature to become directly involved in CBWMD's turmoil several times in the past. And that type of behavior threatens to again require state supervision. A situation that all board members should seek to avoid. We believe that important issues specific to the water supply's reliability and affordability in southeast L.A. and Central Basin should remain the primary focus for Central Basin and its board of directors. We urge that the behavior demonstrated on the video record at the June 24th meeting not be repeated by its directors and that the board stay focused, committed to fulfilling its agency's mission, vision and goals." Respectfully, Thaddeus McCormack, City Manager of Lakewood. Robert E. Lopez, City Manager, City of Cerritos, John Moreno, City Manager, City of Paramount, Michael Antwine, City Manager, City of Bell, Rob Houston, City Manager, City of Southgate, Brian Saeke, City Manager, City of Whittier, Carlo Tomaino, City Manager, City of Signal Hill, Daniel Calleros, Interim City Administrator, City of Vernon, Jose, Garfias, Water General Manager, City of Compton, Jesus Gomez, City Manager, City of Norwalk.

Thereafter, Director Velasquez-Wilson made comments about a board member who resigned continuing to sit on the board and the comments made in the letter received by these cities. She continued to discuss this issue and other issues that have happened with the cities in the past.

Director Bekele commented that he submitted his resignation contingent upon his replacement. Meaning that the date of his replacement would be his final date on the board. He apologized to the audience for the issue. Thereafter, a discussion ensued regarding adding an item to the agenda which the president deemed not to be an emergency.

3. CONSENT ITEMS

All of the items on the Consent Agenda were pulled and discussed individually. Director Camacho-Rodriguez expressed her concerns about errors in the reports and the fact that the district's credit rating was downgraded. She asked Interim General Manager Jeng to address the items. Thereafter was a discussion about the status of Ms. Jeng's position as the interim general manager. Director Garza confirmed that the Board has already decided to hire Ms. Jeng as the interim general manager.

3.A Investment Report, Liquidity, and Day's Cash Evaluation – January, February, March, April, May, June Activities

RECOMMENDED MOTION: Receive and file.

Interim General Manager Jeng responded to director Camacho-Rodriguez' questions, stating that Item 3.A has to do with the investment report, liquidity, and day's cash evaluation for January through June's activities.

Director Camacho-Rodriguez recommended that the reports be corrected going back to August of 2020 to the present and again mentioned the district's credit rating being downgraded. Ms. Jeng explained the circumstances of the credit rating being downgraded and the effects it has on the district's ability to borrow money.

3.B Budget Performance Report – April, May, June
RECOMMENDED MOTION: Receive and file.

3.C Financial Report – Demands – April, May, June
RECOMMENDED MOTION: Receive and file.

3.D Approval of Minutes
April 22,2024 (Regular Board Meeting)
April 30, 2024 (Special Board meeting)
May 6, 2024 (Special Board Meeting)
May 20, 2024 (Regular Board meeting)
June 24, 2024 (Regular Board Meeting)
RECOMMENDED MOTION: Receive and file.

3.E First Quarter 2024 Operations Review
RECOMMENDED MOTION: Receive and file.

3.F FY 2021-2023 Recycled Water Production
RECOMMENDED MOTION: Receive and file.

Further discussion regarding the items on the Consent Agenda continued.

ACTION: Moved by Director Garza and seconded by Director Camacho-Rodriguez to table all items on the Consent Agenda. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Vasquez, Camacho-Rodriguez, Chacon
NOES: None.
ABSENT: None.

4. ACTION ITEMS

4.A FY 22 Financial Audit

RECOMMENDED MOTION: Receive a report on the progress of the FY 22 Financial Audit, consider professional services proposals from four auditing firms, and provide direction to staff.

A brief staff report was presented by Interim General Manager Jeng advising that the auditing firm that was preparing the audit resigned in May and left the district with an unfinished audit for 2022. Staff circulated four requests for proposals to auditing firms and received two responses. Thereafter, a discussion between the members of the board ensued and Director Garza asked what firms were sent the requests for proposals. Ms. Jeng stated the firms who received proposals were Macias Gini & O'Connell; Eide, Bailley; Clifton, Larson & Allen; and Price Paige & Co. Macias, Gini & O'Connell submitted a cost proposal of $120,000, explaining the reason for the high cost of the proposal. Further discussion continued regarding the request for proposal process and whether it was a formal process.

ACTION: Moved by Director Garza to conduct a formal solicitation process to conduct the fiscal year 2022 audit as soon as possible with as short as possible time frame to receive responses. A substitute motion was made by President Chacon to allow Sharon Kumar to handle the process. The substitute motion was seconded by Director Velasquez-Wilson. The original motion died for lack of a second. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Camacho-Rodriguez, Chacon
NOES: None
ABSENT: Velasquez-Wilson

4.B Authorization for a contract with Tom Dodson and Associates for CEQA Services for the Proposition 1 Recycled Water Conversion for Disadvantaged Communities Project

RECOMMENDED MOTION: Approval of Contract with Tom Dodson and Associates for Environmental Services for the Proposition 1 Recycled Water Conversion for Disadvantaged Communities Project in an amount not-to-exceed $55,000 and approve a 10% contingency ($5,500) for District Staff to Apply to the Project if Out of Scope of Other Items are Required During the development of the Environmental Document.

A brief staff report was presented to the board by John Robinson describing the request for proposal process.

ACTION: Moved by Director Garza and seconded by Director Crawford to approve the contract with Contract with Tom Dodson and Associates for Environmental Services for the Proposition 1 Recycled Water Conversion for Disadvantaged Communities Project in an amount not-to-exceed $55,000 and approve a 10% contingency ($5,500) for District Staff to Apply to the Project if Out of Scope of Other Items are Required During the

development of the Environmental Document. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Velasquez-Wilson, Chacon
NOES: none
ABSTAIN: Camacho-Rodriguez.

4.C Authorization for an increase in Contingency for the Construction of the Montebello Hills Recycled Water Pump Station Project
RECOMMENDED MOTION: Approve and Award an Increase of 10% Contingency ($275,400) for the Montebello Hills Recycled Water Pump Station Project and Authorize the general Manager to Execute all Agreements, Contracts and Necessary Approvals to Ensure Timely Completion of the Project.

A brief staff report was provided to the board by John Robinson who answered questions from the directors regarding the contingency being included in the budget. Further discussion continued regarding the SCADA Integrator being hired as a subcontractor under the general contractor.

ACTION: Moved by Director Crawford and seconded by Director Garza to approve and Award an Increase of 10% Contingency ($275,400) for the Montebello Hills Recycled Water Pump Station Project and Authorize the general Manager to Execute all Agreements, Contracts and Necessary Approvals to Ensure Timely Completion of the Project. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Velasquez, Chacon
NOES: Camacho-Rodriguez
ABSENT: None

4.D Memorandum of Understanding – City of Montebello
RECOMMENDED MOTION: Approve MOU with City of Montebello.

Mr. Robinson presented the staff report on this item explaining that Central Basin provided a loan to the City of Montebello to build its pump station for the Montebello Golf Course for the use of recycled water. The district sources the water, and the golf course sells it at the drinking water rate. So, the delta difference between the drinking rate and the recycled rate is what is paying back the loan. The Memorandum of understanding is to document the portion of the line owned by the district and the portion of the line owned by the city and how the payback is supposed to happen. Mr. Robinson responded to questions from the board.

ACTION: Moved by Director Garza and seconded by Director Velasquez-Wilson to approve the Memorandum of Understanding with the City of Montebello. The motion carried by the following roll call vote:
AYES: Garza, Crawford, Bekele, Velasquez, Chacon
NOES: Camacho-Rodriguez

ABSENT: None

A brief discussion ensued regarding the loans to the cities of Vernon and Montebello and the board not being aware of the status of these loans or the payments. Director Velasquez-Wilson presented a brief history on the recycled water pipeline and the benefits it has been to the region. She explained the district found a creative way to assist in financing recycled water connections to Vernon and Montebello. The funding processes for these projects were very transparent and included on the district's agendas.

4.E Agreement between Central Basin MWD and Calitica
RECOMMENDED MOTION: Approve Agreement with Calitica in the Amount Not to Exceed $120,000 per year, commencing August 1, 2024.

Director Garza discussed the fact that a request for proposal should be done on this item. Since the agreement expired in June and according to the admin code and the law approving a new agreement does not fit the criteria for a sole-source contract.

Interim General Manager Jeng advised the board that this item came to staff on Thursday before the agenda was posted from the board president, and she did not have the opportunity to connect with the board president to know what the desire was and to prepare information for the board.

President Chacon asked Mr. Hernandez to come forward to make a presentation to the board. Roger Hernandez with Calitica addressed the board regarding the services Calitica has provided over the past three years and the legislation he has assisted the district with. Thereafter, the board discussed the original contract approved by the general manager and the increases in the contracts that have been approved over the years without going out for a request for proposal. Discussion continued regarding the contract requiring a request for proposal because it had expired, which was confirmed by general counsel Ponto.

ACTION: Moved by Director Velasquez-Wilson and seconded by Director Camacho-Rodriquez to Approve Agreement with Calitica in the Amount Not to Exceed $120,000 per year, commencing August 1, 202. The motion carried by the following roll call vote:
AYES: Crawford, Velasquez-Wilson, Camacho-Rodriguez, Chacon
NOES: Garza, Bekele
ABSENT: None

Interim General Manager Jeng stated that since the contract approved was not on the district's normal template, staff will prepare the contract on the district's template for signature.

5. CLOSED SESSION

The board recessed to closed session at 12:23 pm to discuss the following item:

5.A Conference with Legal Counsel – Existing Litigation (Paragraph (1) of subdivision (d) of Section 54956.9), Leticia Vasquez-Wilson v. Central Basin Municipal Water District, et al. (Case no. 22STCV19770)

NOTE: The video stopped when the president recessed to closed session. There is no record of when the board reconvened, and the closed session read out or the remainder of the meeting.

6. RECONVENE TO OPEN SESSION

6.A Report of Action Taken in Closed Session

7. GENERAL MANAGER AND BOARD COMMENTS

7.A Interim General Manager's Comments

7.B Board Comments and Report on District Activities

8. ADJOURNMENT

Respectfully submitted

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS MEETING
August 26, 2024

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us

1. CALL TO ORDER

The meeting was called to order at: 10:30 AM. A lack of a quorum was noted. Director Garza asked that it be noted for the record the reason none of the directors attended the meeting. Ms. Jeng stated that Director Crawford had advised her approximately a week ago that he was going to be out of town. Director Vasquez-Wilson advised Ms. Jeng that she was not feeling well. Vice President Camacho-Rodriguez earlier this morning stated why she would not be present, but she was attending via Zoom and President Chacon contacted Ms. Jeng prior to the weekend to say he was not feeling well.

Vice-President Camacho-Rodriguez requested this meeting be rescheduled later this week on what ever day that would be appropriate for the necessary notification. Interim General Manager Jeng advised she would poll the other board members to see who is available and let the directors know.

2. Roll Call

Present: Directors Garza, Bekele, and Vice-President Camacho-Rodriguez via Zoom.

Also Present: Interim General Manager Jeng, General Counsel Ponto,

3. PUBLIC COMMENTS

4. CONSENT ITEMS

4.A Meeting Minutes

Regular Board Meeting April 22, 2024
Special Board meeting April 30, 2024
Special Board meeting May 6, 2024
RECOMMENDED MOTION: Receive and file.

4.B AUTHORIZATION FOR A CONTRACT AMENDMENT TO CONTRACT 2023-10 CONSTRUCTION MANAGEMENT WITH CUMMING CORPORATION, INC. FOR THE MONTEBELLO HILLS RECYCLED WATER PUMP STATION PROJECT

RECOMMENED MOTION: That the Board approves an increase of $30,460 to contract 2023-10 for a not-to-exceed amount of $293,250 for the Montebello Hills Recycled Water Pump Station project and authorizes the Interim General Manager to execute all agreements and necessary approvals to ensure timely completion of the project.

4.C AUTHORIZATION FOR A CONTRACT AMENDMENT TO CONTRACT 2024-01 INSPECTION AND MATERIAL TESTING WITH NINYO & MOORE FOR THE MONTEBELLO HILLS RECYCLED WATER PUMP STATION PROJECT

RECOMMENED MOTION: That the Board approves an increase of $27,620 to contract 2024-01 for a not-to-exceed amount of $100,000 for the Montebello Hills Recycled Water Pump Station project and authorizes the Interim General Manager to execute all agreements and necessary approvals to ensure timely completion of the project.

4.D WATER SUPPLY AND RESOURCES AUGUST UPDATE

RECOMMENDED MOTION: Receive and file.

4.E OLEA PILOT PROJECT

RECOMMENDED MOTION: Receive and file.

5. ACTION ITEMS

5.A PROPOSED FINANCE/BUDGET CALENDAR

RECOMMENDED MOTION: That the Board approve the proposed finance/budget calendar for Fiscal Year 2024-2025.

5.B MONTHLY BUDGET PERFORMANCE REPORTS FOR APRIL 2024 THROUGH JULY 2024

RECOMMENDED MOTION: That the board approve the Budget Performance Reports for April 2024 through July 2024.

5.C MONTHLY DEMAND LISTS FOR APRIL 2024 THROUGH JULY 2024

RECOMMENDED MOTION: That the Board approve the monthly Demand Lists for April 2024 through July 2024.

6. BOARD COMMENTS

7. GENERAL MANAGER COMMENTS

7.A PROGRESS ON APPOINTMENTS OF PURVEYORS

7.B AUGUST IS PURPLE HEART MONTH

8. CLOSED SESSION

8.A CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION LETICIA VASQUEZ-WILSON v. CENTRAL BASIN MUNICIPAL WATER DISTRICT, et. al. (CASE NO. 22STCV19770) GOVERNMENT CODE SECTION 54956.9(d)

8.B CONFERENCE WITH LEGAL COUNSEL – POTENTIAL/ANTICIPATED LITIGATION GOVERNMENT CODE SECTION 54956.9(e) – THREE MATTERS

9. RECONVENE TO OPEN SESSION

10. ADJOURNMENT

There being a lack of a quorum, the meeting was cancelled at 10:35 am.

Respectfully submitted

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS MEETING
SEPTEMBER 23, 2024

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us

President Chacon participated remotely because he was ill. The General Counsel stated for the record that under the new relaxed laws coming out of COVID that were passed by Governor Newsom, elected officials can participate remotely without having to give notice of their physical address and make the space open to the public with paper notification on the building where the elected official is located. One of the legally approved excuses is illness and the elected official is only allowed to employ that excuse two times in a fiscal year.

1. CALL TO ORDER

The meeting was called to order at 10:11 AM.

2. ROLL CALL

Present: President Chacon, Vice-President Camacho-Rodriquez, Directors Garza, Crawford, Ochoa, Velasquez-Wilson
Absent: Director Bekele

A quorum was present.

Also Present: Interim General Manager Jeng, General Counsel Ponto

The Pledge of Allegiance was led by Director Crawford.

The invocation was led by President Chacon.

3. INDUCTION OF NEW DIRECTOR NEM OCHOA

Brief Report on the purveyor appointment process.

Interim General Manager presented a brief report on the appointment process.

Oath of Office

Interim General Manager Jeng administered the Oath of Office to newly appointed director Nem Ochoa.

Remarks from Director Nem Ochoa

Director Ochoa thanked everyone for this opportunity and stated to all purveyors that this is an appointment that he takes genuinely, and he hoped to represent the purveyors to the best of his ability. To his fellow board members he hoped that they could collaborate and partner in establishing policy and implementing those policies for the betterment of the agency. To the Central Basin staff, he hoped to be the best board member that he can be to help support the mission and endeavors.

Remarks from the Board

Director Garza welcomed Director Ochoa and offered to be a resource for him. Director Crawford welcomed Director Ochoa and thanked him for taking the position. He looked forward to working with Director Ochoa. Director Velasquez-Wilson congratulated Director Ochoa, and she looked forward to working with him and moving the agency forward. Vice-President Camacho-Rodriguez welcomed Director Ochoa, and stated she was looking forward to working with him. President Chacon congratulated Director Ochoa, thanked him for being on board and stated he looked forward to working with him.

Interim General Manager also welcomed Director Ochoa and thanked him for being considerate of her time.

4. PUBLIC COMMENTS

None.

5. CONSENT ITEMS

Items 5.A, 5.B, and 5.C were pulled from consent for discussion and separate consideration.

5.D WATER SUPPLY AND RESOURCES FOR 2024 AUGUST AND SEPTEMBER UPDATE
RECOMMENDED MOTION: Receive and file.

5.E CAPITAL IMPROVEMENT PROJECT CIP PLAN AND RECYCLED WATER PROGRAM UPDATE
RECOMMENDED MOTION: Receive and file.

ITEMS PULLED FROM CONSENT FOR DISCUSSION

Items 5.A, 5.B, and 5.C were pulled from consent relative to concerns that all three items contained inaccurate information and corrections needed to be made before the board would approve them.

5.A MEETING MINUTES
Regular Board Meeting of April 22, 2024
Special Board Meeting of April 30, 2024
Special Board Meeting of May 6, 2024
REOMMENDED MOTION: Approve as presented.

5.B ACCEPT MONTHLY BUDGET PERFORMANCE REPORTS FISCAL YEAR 2023-2026 THROUGH JUNE 30, 2024, AND FISCAL YEAR 2024-2025 THROUGH AUGUST 2024
RECOMMENDED MOTION: That the Board accept the monthly Budget Performance Reports for the fiscal year ended June 30, 2024, and the Budget Performance reports for April 2024 through August 2024.

5.C APPROVE MONTHLY DEMAND LISTS FOR APRIL 2024 THROUGH AUGUST 2024
RECOMMENDED MOTION: That the Board approve the monthly Demand Lists for April 2024 through August 2024.

The Board recessed at 10:34 AM due to technical difficulties with Zoom and reconvened at 10:42 AM at which time the General Counsel announced that in light of information received that the Zoom link that was published as part of the 72-hour noticing pursuant to the Brown Act was flawed, out of an abundance of caution, the regular meeting was being cancelled and no further action was taken.

6. ACTION ITEMS

6.A REVIEW THE PROPOSED FISCAL YEAR 2024-2025 PROPOSED BUDGET
RECOMMENDED MOTION: That the Board review the proposed budget and provide feedback to staff.

6.B AUTHORIZATION FOR CONTRACT AMENDMENT TO CONTRACT 2024-10 CONSTRUCTION MANAGEMENT WITH CUMMING CORPORATION, INC. FOR THE MONTEBELLO RECYCLED WATER PUMP STATION PROJECT
RECOMMENDED MOTION: That the Board Approves Increase of $30,460 to Contract 2023-10 for Not-to-Exceed Amount of $293,250 for the Montebello Hills Recycled Water Pump Station Project and authorizes the

Interim General Manager to execute all agreements and necessary approvals to ensure timely completion of the project.

6.C AMENDMENT TO CONTRACT 2024-01 INSPECTION AND MATERIAL TESTING WITH NINYO & MOORE FOR MONTEBELLO HILLS RECYCLED WATER PUMP STATION PROJECT

RECOMMENDED MOTION: That the Board approves an increase of $27,620 to Contract 2024-01 for a not-to-exceed amount of $100,000 for the Montebello Hills Recycled Water Pump Station Project and authorizes the Interim General Manager to execute all agreements and necessary approvals to ensure timely completion of the project.

6.D PURE WATER SOUTHERN CALIFORNIA PROGRAM

RECOMMENDED MOTION: Receive report and provide direction to staff.

7. CLOSED SESSION

7.A CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION LETICIA VASQUEZ-WILSON v. CENTRAL BASIN MUNICIPAL WATER DISTRICT, ET. AL. (CASE No. 22STCV19770) GOVERNMENT CODE SECTION 54956.9(d)

7.B CONFERENCE WITH LEGAL COUNSEL – POTENTIAL/ANTICIPATED LITIGATION GOVERNMENT CODE SECTION 4956.9(e) – THREE MATTERS

8. RECONVENE TO OPEN SESSION

9. GENERAL MANAGER'S COMMENTS

10. DIRECTOR'S COMMENTS AND FUTURE AGENDA ITEMS

11. ADJOURNMENT

President Chacon recommended setting a special meeting so the items on the agenda weren't prolonged. General Counsel Ponto stated that he received an email this morning from CRI stating that they would have the forensic audit report for circulation to the board and the public by the end of the week, the board may want to peruse that report and ten assemble once you have had an opportunity to review it. After a brief discussion was had by the board, a motion was made by Director Garza and seconded by Director Velasquez-Wilson to adjourn the meeting to a date uncertain at 10:47 AM. The motion carried by the following roll call vote:

AYES: Camacho-Rodriguez, Garza, Crawford, Velasquez-Wilson, Ochoa
NOES: Chacon
ABSENT: Bekele

Respectfully submitted,

APPROVED:

_____	_____
Elaine Jeng, Board Secretary	Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
SPECIAL BOARD OF DIRECTORS MEETING
October 3, 2024

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 9004, and via teleconference at 2175 Cherry Avenue, Signal Hill, CA 90755, Room 36, and on Zoom https://centralbasin-org.zoom.us

1. CALL TO ORDER

The meeting was called to order at: 10:21 am.

2. ROLL CALL

Present: President Chacon who was participating via Zoom because he was ill, Vice-President Camacho-Rodriquez, Directors Vasquez-Wilson, Bekele who is participating remotely from 2175 Cherry Avenue, Room 36, Signal Hill, CA, Garza, Ochoa,
Absent: Director Crawford

A quorum was present.

Also Present: Interim General Manager Jeng, General Counsel Ponto

Thereafter a discussion ensued regarding participating remotely and what the law allows in terms of announcing where the directors were participating from. Director Velasquez-Wilson requested a legal memo from General Counsel with the citations and explanation of the laws relating to participating remotely for presentation to each of the board members.

Director Velasquez-Wilson led the pledge of allegiance.

President Chacon led the invocation.

3. PUBLIC COMMENT

None.

4. **ACTION ITEMS**

4.A AUTHORIZATION FOR CONTRACT AMENDMENT TO CONTRACT 2023-10 CONSTRUCTION MANAGEMENT WITH CUMMING

CORPORATION, INC. FOR THE MONTEBELLO RECYCLED WATER PUMP STATION PROJECT

RECOMMENDED MOTION: That the Board Approves an increase of $30,460 to Contract 2023-10 for Not-To-Exceed Amount of $293,250 for the Montebello Recycled Water Pump Station Project and Authorize the Interim General Manager to Execute all Agreements and Necessary Approvals to Ensure Timely Completion of the Project.

Assistant Engineer Guido provided a brief staff report summarizing the reason for this item coming before the board. Thereafter individual directors asked clarifying questions of staff, to which staff responded. A lengthy discussion continued regarding the contract expiring and the reason it wasn't brought before the board prior to it expiring. Further discussion continued regarding the Project Labor Agreement (PLA). Director Velasquez-Wilson reiterating a previous request to consider hiring a Project Labor Agreement Manager for the District.

Director Bekele remarked that the admin code and the public contract code do not clearly state how to extend an expired contract. He thought it might be worth pursuing a sole source arrangement for the continuation of the remaining portion of the work that needs to be done. The Water Code allows the continuance of the service with the specific vendor.

ACTION: Moved by Director Garza and seconded by Director Ochoa to approve the elements of the contract amendment to Contract 2023-10 Construction Management with Cumming Corporation by a sole-source contract rather than amending the current expired contract. The motion carried by the following roll call vote:
AYES: Velasquez-Wilson, Garza, Bekele, Ochoa, Chacon
NOES: Camacho-Rodriguez
ABSENT: None

4.B AMENDMENT TO CONTRACT 2024-01 INSPECTION AND MATERIAL TESTING WITH NINYO & MOORE FOR THE MONTEBELLO HILLS RECYCLED WATER PUMP STATION PROJECT

RECOMMENDED MOTION: That the Board approves an increase of $27,620 to Contract 2024-01 for a not-to-exceed amount of $100,000 for the Montebello Hills Recycled Water Pump Station project and authorizes the Interim General Manager to execute all agreements and necessary approvals to ensure timely completion of the project.

Assistant Engineer Guido presented a brief staff report on Item 4.B. It was confirmed to the Board that this contract was not expired but is due to expire in December 2024.

ACTION: Moved by Director Garza and seconded by Director Velasquez-Wilson to approve an increase of $27,620 to Contract 2024-01 for a not-to-exceed amount of $100,000 for the Montebello Hills Recycled Water Pump Station project and

authorizes the Interim General Manager to execute all agreements and necessary approvals to ensure timely completion of the project.
AYES: Velasquez-Wilson, Garza, Bekele, Ochoa, Chacon
NOES: Camacho-Rodriguez
ABSENT: None

5. GENERAL MANAGER' COMMENTS

Interim General Manager Jeng expressed her gratitude to Director Bekele for his service on the board and it was a pleasure working with him. She knew the purveyor election results will be certified on Monday and Director Bekele expressed that his time on this board would be contingent on seating the next purveyor appointed.

6. BOARD COMMENTS

Director Garza thanked the staff for all they did. He also thanked Ms. Jeng for all her efforts and the general counsel's office for doing top notch job. He also acknowledged Director Bekele and thanked him for his service and welcomed Director Ochoa.

Director Ochoa thanked the board for allowing him to serve. He knew it was a big responsibility not only for the rate payers but also for this organization, for the staff and his fellow board members.

Vice President Camacho-Rodriguez reported that she is still attending conferences and regular meetings throughout the district as part of the board's duty is to make sure that the district's presence known. She also requested that an item be brought back regarding the meetings that were taken off the compensable meeting list.

Director Bekele thanked everyone, especially the staff. He had a good experience with everyone there. He noted there was a lot of work that staff handled on a day-to-day basis, and they have been amazing to work with. He thanked Ms. Jeng for coming in and showing true professionalism. He appreciated her approach to some of these issues. He felt she had a good change in direction and there were some exciting things that will happen to the agency over the next few months. He hoped that everyone on the board could work together and take the purveyors' and residents' interests at heart. He thanked everyone.

President Chacon thanked Director Bekele for his services and wished him and his family well.

7. ADJOURNMENT

There being no further business to come before the Board, the meeting was adjourned at 11:33 am.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
SPECIAL BOARD OF DIRECTORS MEETING
October 11, 2024

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 90040 and on Zoom
https://centralbasin-org.zoom.us

1. CALL TO ORDER The meeting was called to order at: 1:09 PM

General Counsel Ponto announced a special meeting was agendized for 1:00 pm, and only three members were present so there is not a quorum to hold the meeting. However, he understood that the President wished to make some comments.

President Chacon made comments regarding the agenda he had requested not being posted as he directed. Director Velasquez-Wilson also made comments relative to the directors not being present. Director Crawford apologized to the members of the public who attended in person and who attended via zoom for the cancellation of the meeting. President Chacon called for a special meeting for next Tuesday.

2. Roll Call

Present: Directors Vasquez-Wilson, Crawford, President Chacon

Also Present: Interim General Manager Jeng, General Counsel Ponto

3. PUBLIC COMMENTS

4. CONSENT ITEMS

5. ACTION ITEMS

6. CLOSED SESSION

6.A CONFERENCE WITH LEGAL COUNSEL
POTENTIAL/ANTICIPATED LITIGATION
PARAGRAPH (1) OF SUBDIVISION (e) OF SECTION 54956.9 (ONE MATTER – CRI INVESTIGATION REPORTS ON CAPSTONE AND FORENSIC AUDIT)

6.B CONFERENCE WITH LEGAL COUNSEL

POTENTIAL/ANTICIPATED LITIGATION
PARAGRAPH (5) OF SUBDIVISION (e) OF SECTION 54956.9 (TWO MATTERS – EMPLOYEE TERMINATION)

6.C DISCIPLINE/DISMISSAL/RELEASE: INTERIM GENERAL MANAGER CALIFORNIA GOVERNMENT CODE 54957(b)(1)

7. RECONVENE TO OPEN SESSION

8. ADJOURNMENT

There being a lack of quorum, the meeting was cancelled.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS MEETING
October 28, 2024

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 90040 and on Zoom
https://centralbasin-org.zoom.us

1. CALL TO ORDER

The meeting was called to order at: 10:01 AM

2. Roll Call Interim General Manager Jeng welcomed Joanna Moreno as a new director.

Present: Directors Garza, Ochoa, Moreno, Vasquez-Wilson, Crawford Vice-President Camacho-Rodriquez, President Chacon

Also Present: Interim General Manager Jeng, General Counsel Ponto

A quorum was present.

Director Garza requested two items be added to the agenda which is allowed under Government Code 54954.2 subsection (b) subsection (2) as urgency items. The first item would be in closed session for discipline, dismissal, and release of the general manager. The title would be Conference with Legal Counsel pursuant to California Government Code Section 54957(b)(1) Discipline, Dismissal, and Release; the position is General Manager. The second item he would like to add is permitted as an urgency item under Article II Organization and Board Officers Chapter 2.2 Officers of the Board which provides in relevant part "notwithstanding any of the provisions of this section by the affirmative vote of not less than four members of the board, any and all provisions hereof may be suspended and any member of the board may be appointed to the position of president or vice president for a fixed or determinate terms." The findings for both items for the record are: for the first one regarding the general manager in light of facts that came to be known post agenda posting in the form of the report provided to the board submitted by Seki Noshimura. The findings for the second item for removing the president from his position due to the fact that he did not agendize any level of board discussion or consideration specifically with the general manager after receiving notice from the District Attorney's office regarding the general manager's actions and also regarding the report from CRI. This is along with past practice that has exposed the agency to potential malfeasance and crime for the executives and the president not agendizing this is derelict.

He stated if the president does not add these items, he is asking for a roll call vote to be taken on both items separately.

President Chacon repeatedly stated that Director Garza was out of order, stating these items were not urgency items. The request was seconded by Vice-President Camacho-Rodriguez.

ACTION: Director Garza moved and seconded by Vice-President Camacho-Rodriques to add the first item to the agenda for discipline, dismissal, and release of the position of general manager and that would be done in closed session. The General Counsel confirmed it would take a two-thirds vote to pass.

President Chacon voiced his opposition to these actions and cautioned the board members that whatever action the members took, they will be held responsible and not covered by the board. Ms. Velasquez-Wilson voiced her opposition to the actions expressing her opinion that these items were not urgent.

President Chacon made further comments in opposition and advised the new board members to make the right choice.

The Motion failed by the following roll call vote; lack of two-thirds vote:
AYES: Garza, Ochoa, Moreno, Camacho-Rodriguez
NOES: Velasquez-Wilson, Chacon
ABSTAIN: Crawford because he did not believe this meets the urgency requirement.
ABSENT: None

ACTION: Moved by Director Garza and seconded by Vice-President Camacho-Rodriguez to dismiss the president of the board.
The Motion failed by the following roll call vote; lack of two-thirds vote:
AYES: Garza, Ochoa, Moreno, Camacho-Rodriguez
NOES: Velasquez-Wilson, Chacon
ABSTAIN: Crawford originally voted no, then changed his vote to abstention because he did not believe this meets the urgency requirement.
ABSENT: None

3. PUBLIC COMMENTS

Lee Squire addressed the board stating he turned in a letter for public records from the Los Angeles District Attorney's Office, Public Integrity Unit, as to the preservation of public records related to meetings of the past. He is asking the DA's office to amend this letter

to bring it to the present and moving forward pending this investigation. He then referred to the closed session items and expressed his views regarding those issues.

4. CONSENT ITEMS

None.

5. ACTION ITEMS

None.

6. CLOSED SESSION

The board recessed to closed session at 10:21 am to consider the following items:

6.A CONFERENCE WITH LEGAL COUNSEL
POTENTIAL/ANTICIPATED LITIGATION
PARAGRAPH (1) OF SUBDIVISION (e) OF SECTION 54956.9 (ONE MATTER – CRI INVESTIGATION REPORTS ON CAPSTONE AND FORENSIC AUDIT)

6.B CONFERENCE WITH LEGAL COUNSEL
POTENTIAL/ANTICIPATED LITIGATION
PARAGRAPH (5) OF SUBDIVISION (e) OF SECTION 54956.9 (TWO MATTERS – EMPLOYEE TERMINATION)

7. RECONVENE TO OPEN SESSION

The board reconvened to open session at 1:48 pm. Director Velasquez-Wilson was not present. General Counsel Ponto reported that the board went into closed session under Item 6.A and Item 6.B. With respect to Item 6.A there was a vote of six yeses and one abstention. The motion was made by Director Garza and seconded by Director Ochoa to have an agenda item at the next regular board meeting for discipline, dismissal, release where the board will continue to deliberate over Item 6.A. With respect to Closed Session Item 6.B counsel was given and direction was received, no further reportable action at this time. General Counsel Ponto read the vote for Item 6.A into the record. Motion was made by Director Garza, and seconded by Director Ochoa with yes votes by Directors Garza, Ochoa, Moreno, Velasquez-Wilson, Crawford, Camacho-Rodriguez; President Chacon abstained.

President Chacon stated he abstained because the board was not supposed to take a vote in closed session and the CRI report is done and it is official and as President, he ordered the board to bring back Alex Rojas as of tomorrow. President Chacon adjourned the meeting.

Vice-President Camacho-Rodriguez reconvened the meeting.

ROLL CALL:
Present: Garza, Ochoa, Moreno, Crawford, Camacho-Rodriguez
Absent: Velasquez-Wilson, Chacon

A quorum was present to reconvene.

8. GENERAL MANAGER'S REPORT ON DISTRICT ACTIVITIES

Interim General Manager Jeng welcomed Director Moreno to the board. She apologized for not getting a welcome introduction set up and that will be done at the next board meeting. She thanked the board for the discussion, and she felt that the board was trending to be respectful of each other's opinions and allowing directors to have time for their comments.

9. DIRECTOR'S COMMENTS

Vice-President Camacho-Rodriguez reported that the board needed each director to report on the meetings they attend. She reported that she continues to attend weekly water meetings noting there is a list of compensable meetings. She thanked the two met directors who are active on the Metropolitan Water District Board. She attended one of their meetings held at their lab and Director Esquivel from the State Water Resources Board gave some interesting information which she hoped could be agendized or brought back as an item that staff can discuss.

Director Crawford commented on the information received today.

Director Moreno thanked everyone for welcoming her to the board.

Director Ochoa welcomed Director Moreno to the board and he looked forward to more discussion with his fellow board members for future resolution and action.

Director Garza acknowledged what has taken place over the past couple of weeks noting for the public's benefit most of the members of the board are aware and concerned about the CRI audit and forensic examination. He also acknowledged the recent efforts from the DA's office and assured the public that the board is not ignoring these issues. He assured the public that despite these findings, the activities took place before the interim general manager's tenure and before the general counsel's tenure. Mr. Garza reported that he did attend the Water Quality Lab's 50th anniversary event this past week and Director Esquivel from the State Water Resources Control Board was present as well as many dignitaries. He reported on the vanguard work the Water Quality lab was undertaking. He provided an update on the Metropolitan Water District's general manager being on paid administrative leave. Director Garza welcomed Director Moreno to the board.

13. ADJOURNMENT

Vice-President Camacho-Rodriguez announced the next board meeting will be held on November 25, 2024, at 10:00 am at the same location. There being no further business to come before the board, the meeting was adjourned at 2:00 pm.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS MEETING
JANUARY 27, 2025

MINUTES

The meeting was held at 1466 S. McDonnell, Commerce, CA 90040 and on Zoom
https://centralbasin-org.zoom.us

1. CALL TO ORDER

The meeting was called to order at: 10:11 AM

Director Moreno led the Pledge of Allegiance.

2. Roll Call

Present: Vice President Ochoa, Directors Chacon, Garza, Crawford, Moreno, Mendez
Absent: Director Vasquez-Wilson

A quorum was present.

Also Present: Interim General Manager Jeng, General Counsel Ponto, Board Finance Consultant Samario, Engineering Consultant Robinson, Engineering & Operations Manage Yu and Management Analyst Chen

3. CERTIFICATION BY THE BOARD SECRETARY TO THE BOARD OF DIRECTORS

Interim general manager Jeng certified the agenda was posted in compliance with the Brown Act.

4. CERTIFICATION OF THE RESULTS OF THE NOVEMBER 2024 GENERAL ELECTION

4.A RECEIVE AND FILE THE CERTIFICATE OF CANVASS OF THE ELECTION RETURNS FOR THE GENERAL MUNICIPAL ELECTION HELD ON TUESDAY, NOVEMBER 5, 2024

Recommended motion: Receive and file the certificate from the Los Angeles County Registrar-Recorder/County Clerk.

Ms. Jeng gave a brief report presenting the Certificate of Canvass of the Election Returns from the Los Angeles County Registrar-Recorder/County Clerk, electing Directors

Vasquez-Wilson, Director Garza and Director Mendez to the Board of Directors of the District. The board received and filed the Certificate of Canvass.

5. REORGANIZATION OF THE BOARD OF DIRECTORS

a. Election of officers: President and Vice President

b. Election of Metropolitan Water District representatives

The Interim general manager introduced the item and opened the nominations.

ACTION: Moved by Director Moreno and seconded by Director Garza to nominate Director Ochoa as President. Director Ochoa accepted the nomination.

ACTION: Moved by Director Chacon to nominate Director Mendez for President.

The motion to elect Director Nem Ochoa as President, carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: Chacon
ABSENT: Vasquez-Wilson

The motion by Director Chacon to nominate Director Mendez for President was moot and Director Ochoa was elected President.

ACTION: Moved by Director Moreno to nominate Director Gary Mendez for Vice President.

ACTION: Moved by Director Chacon to nominate Director Jim Crawford for Vice-President.

The motion to nominate director Mendez as Vice President carried by the following roll call vote:
AYES: Ochoa, Garza, Moreno, Mendez
NOES: None
ABSENT: Vasquez-Wilson
ABSTAIN: Chacon, Crawford

The motion to nominate Director Jim Crawford was moot and Director Mendez was elected Vice-President.

ACTION: President Ochoa nominated Director Garza as representative to the Metropolitan Water District.

ACTION: Director Chacon nominated Director Mendez as representative to the Metropolitan Water District.

The motion for the nomination of Director Garza as representative to the Metropolitan Water District carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: Chacon
ABSENT: Vasquez-Wilson

The motion by Director Chacon to nominate Director Mendez was moot and Director Garza was elected as a representative to the Metropolitan Water District.

ACTION: Director Ochoa nominated Director Crawford as a representative to the Metropolitan Water District. The Motion carried by the following roll call vote:
AYES: Ochoa, Chacon, Garza, Crawford, Moreno, Mendez
NOES: None
ABSENT: Vasquez-Wilson

6. PUBLIC COMMENTS

George Track addressed the board via Zoom regarding the sound not being audible.

7. REPORT FROM REPRESENTATIVES TO THE METROPOLITAN DISTRICT OF SOUTHERN CALIFORNIA (MWD)

a. Director Juan Garza
b. Director Jim Crawford

Director Garza presented a brief report regarding the assistance the Metropolitan Water District was able to provide to aid the Pasadena and Altadena area to fight the fires and to individual board members and employees who lost their homes. He also reported on Pure Water and the status regarding the general manager of the Metropolitan Water District. Mr. Garza provided an update on the sharing of water from the Colorado River.

Director Crawford added that Metropolitan has been reporting out to the purveyors and there have been a lot of changes with the purveyors and if anyone is not receiving the messages to let the Board know. He also noted there were conservation efforts being taken by MWD and those programs will be coming through Central Basin.

Thereafter a conversation ensued among the directors regarding the representatives' reports, the Metropolitan Water District. Director Mendez asked to be signed up for the Napolitano Tour. Director Chacon requested to know the amount of the Metropolitan Water District's rate increase that occurred last April and asked to have it in writing. Director Garza requested Ms. Jeng to include the Metropolitan Water District's staff report on the rate increase as well and share it with the entire board.

8. REPORT FROM THE WATER RESOURCES & GOVERNMENTAL AFFAIRS COMMITTEE

a. Chair Vice President Nem Ochoa

b. Director Joanna Moreno
c. Alternate Director Leticia Vasquez-Wilson

President Ochoa presented a brief report from the last Committee meeting.

9. REPORT FROM THE ENGINEERING & OPERATIONS COMMITTEE
a. Chair Director Leticia Vasquez-Wilson
b. Director Joanna Moreno
c. Alternate Director Art Chacon

Director Moreno provided a brief report regarding what was discussed at the last Engineering & Operations Committee meeting.

10. REPORT FROM THE ADMINISTRATION & FINANCE COMMITTEE
a. Chair vacant
b. Director Juan Garza
c. Director Jim Crawford
d. Alternate Vice President Nem Ochoa

A brief report was provided by Human Resources Manager Braddock regarding what was discussed at the last Administration & Finance Committee meeting.

11. CONSENT ITEMS

ACTION: Moved by Director Mendez and seconded by Director Garza to approve Items 11A through 11P, excluding Items 11B, 11F, and 11H, which were pulled for discussion. The motion carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: Chacon
ABSENT: Vasquez-Wilson

11.A CONSIDER DONATING WATER BOTTLES TO DONATION CENTERS DEDICATED TO SERVIING THOSE AFFECTED BY THE PALISADES, EATON, AND THE HOLLYWOOD FIRES
RECOMMENDED MOTION: Staff recommends that the Board approve water bottle donations to those that have been affected by the fires.

Approved on Consent.

11.B APPROVE AN INCREASE TO THE FISCAL YEAR 2024-2025 BUDGET IN THE AMOUNT OF $134,000 IN ACCOUNT 1-9953007 TO COVER UNANTICIPATED LEGAL SEVICES PROVIDED BY BURKE WILLIAMS & SORENSEN

Item 11.B was pulled from Consent and acted on separately.

11.C WORDING CHANGE ON RESOLUTION 12-16-1069 ESTABLISHING OFFICERS OF THE CENTRAL BASIN MUNICIPAL WATER DISTRICT

AUTHORIZED TO ORDER THE DEPOSIT OR WITHDRAWAL OF MONIES IN THE LOCAL AGENCY INVESTMENT FUND
RECOMMENDED MOTION: Receive and file.
Approved on Consent.

11.D RECEIVE AND FILE INFRAMARK'S MONTHLY CLIENT REPORTS FOR OCTOBER, NOVEMBER, AND DECEMBER 2024
RECOMMENDED MOTION: Receive and file Inframark's Monthly Client Reports (MCR) for the months of October, November, and December.
Approved on Consent.

11.E APPROVE THE RENEWAL OF INFO360 INSIGHT ASSET MANAGEMENT SOFTWARE
RECOMMENDED MOTION: Approve the Renewal of Info360 Insight Asset Management Software in the amount of $37,425.40 with DLT Solutions, LLC.
Approved on Consent.

11.F APPROVE AMENDMENT 1 TO CONTRACT 2025-02 WITH TOM DODSON AND ASSOCIATES FOR CEQA SERVICES FOR THE PROPOSITION 1 RECYCED WATER CONVERSION OF DISADVATAGED COMMUNITIES
Item 11.F was pulled from Consent and acted on separately.

11.G APPROVE AN AMENDMENT TO AGREEMENT NO. 2024-13 WITH INTREPID MANAGE DISCOVERY TO CONTINUE VIDEOGRAPHY SERVICE AT DISTRICT BOARD AND COMMIITTEE MEETINGS FOR THE REMANDER OF FY 2024-2025 FOR AN ADDITIONAL NOT-TO-EXCEED AMOUNT OF $15,000.00
RECOMMENDED MOTION: That the Board approve the amendment.
Approved on Consent.

11.H CERRITOS TOWN CENTER OFFICE SPACE
Item 11.H was pulled from Consent and acted on separately.

11.I APPROVE MEETING MINUTES OF MARCH 25, 2024, APRIL 4, 2024, APRIL 15, 2024, APRIL 18, 2024, APRIL 22, 2024, APRIL 30, 2024 BOARD MEETINGS
RECOMMENDED MOTION: Approve as presented.
Approved on Consent.

11.J APPROVE MEETING MINUTES OF NOVEMBER 25, 2024 AND DECEMBER 16, 2024 BOARD MEETINGS
RECOMMENDED MOTION: Approve as presented.
Approved on Consent.

11.K MONTHLY REPORT ON DIRECTORS' EXPENSES
RECOMMENDED MOTION: Review and File.

Approved on Consent.

11.L NOVEMBER 2024 DEMAND LIST
RECOMMENDED MOTION: That the Board receive and file the November 2024 Demand List.

Approved on Consent.

11.M BUDGET PERFORMANCE REPORT FOR THE FIVE MONTHS ENDED NOVMEBER 30, 2024
RECOMMENDED MOTION: That the Board receive and file the Budget performance Report for the Five Months ending November 30, 2024.

Approved on Consent.

11.N WATER SUPPLY AND RESOURCES DEMBER 2024 UPDATE
RECOMMENDED MOTION: Receive and File.

Approved on Consent.

11.O WATER SUPPLY AND RESOURCES JANUARY 2025 UPDATE
RECOMMENDED MOTION: Receive and file.

Approved on Consent.

11.P ADOPTION OF ORDINANCE 24-30 REGARDING DIRECTORS' COMPENSATION (PER DIEM) FOR ATTENDANCE AT MEETINGS
RECOMMENDED MOTION: Staff recommends that the Board adopt Ordinance no. 24-30, an Ordinance of the Board of Directors of the Central Basin Municipal Water District amending Administrative Code Section 1.23 and 1.24 regarding Director compensation.

Approved on Consent.

ITEMS PULLED FROM CONSENT:

11.B APPROVE AN INCREASE TO THE FISCAL YEAR 2024-2025 BUDGET IN THE AMOUNT OF $134,000 IN ACCOUNT 1-9953007 TO COVER UNANTICIPATED LEGAL SEVICES PROVIDED BY BURKE WILLIAMS & SORENSEN
RECOMMENDED MOTION: Staff recommends that the Board approved an increase to the budget for legal services (account # 1-99-53007) in the amount of $134,000 to cover the cost of additional, unbudgeted, legal services totaling $133,906.50.

Interim General Manager Jeng provided a brief report on this item. General Counsel Ponto responded to questions presented by Director Mendez and Director Crawford explaining the reason for the increase in fees due to non-routine services not included in the retainer fee.

ACTION: Moed by Vice-President Mendez and seconded by Director Garza to approve the increase to the budget for legal services (account # 1-99-53007) in the amount of $134,000 to cover the cost of additional, unbudgeted, legal services totaling $133,906.50. The motion carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: Chacon
ABSENT: Vasquez-Wilson

11.F APPROVE AMENDMENT 1 TO CONTRACT 2025-02 WITH TOM DODSON AND ASSOCIATES FOR CEQA SERVICES FOR THE PROPOSITION 1 RECYCED WATER CONVERSION OF DISADVATAGED COMMUNITIES

RECOMMENDED MOTION: Approve Amendment 1 to Contract 2025-02 with Tom Dodson and Associates for CEQA Services for the Proposition 1 Recycled Water Conversion of Disadvantaged Communities that will increase the contract amount by $2,250.00 for a contract amount of $62,250.00 and approve a $2,250.00 contingency (approximately 5%) for a total contract amount not-to-exceed of $65,000.00.

A brief staff report was presented by the Engineering and Operations Manager explaining the reason for the increase in the contract amount.

ACTION: Moved by Director Garza and seconded by Director Moreno to approve Amendment 1 to Contract 2025-02 with Tom Dodson and Associates or CEQA Services for the Proposition 1 Recycled Water Conversion of Disadvantaged Communities that will increase the contract amount by $2,250.00 for a contract amount $62,250.00 and approve a $2,250.00 contingency (approximately 5%) for a total contract amount not-to-exceed of $65,000.00. The motion carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: Chacon
ABSENT: Vasquez-Wilson

11.H CERRITOS TOWN CENTER OFFICE SPACE

RECOMMENDED MOTION: Receive and file report.

A brief staff report was provided by Interim General Manager Jeng stating at the December board meeting the board took action to direct staff to move forward with a leasing option for the larger space at 5,122 square feet. A lengthy discussion took place regarding the lease of the space, the status of the building on Washington and the offices currently being leased.

ACTION: Moved by Vice-President Mendez and seconded by Director Garza to receive and file the report. The motion carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: Chacon
ABSENT: Vasquez-Wilson

12. ACTION ITEMS

12.A RECEIVE A REPORT FROM KOSMONT FINANCIAL SERVICES ON THE 2022 SERIES BOND REFUNDING DEAL, AND THE REAL ESTATE TRANSACTIONS IN 2022

RECOMMENDED MOTION: Receive report and provide direction to staff.

Larry Kozmont owner of Kosmont Financial presented a lengthy report regarding the 2022 real estate transaction resulting in the purchase of the building on Washington Boulevard Mr. Kosmont summarized that the board was moving in the right direction to consolidate and keep its finances intact in terms of outflow with an improved occupancy solution; the district has a building that is not worth what the district paid for it and it needs work. He suggested that at the right time the building be put on the market, sell it, take the proceeds and invest it and at some point, during the five-year lease, begin looking for a permanent solution, which could be lease or ownership. A brief discussion ensued.

Julio Morales from Kosmont Financial presented a report regarding the 2022 series bond refunding. He explained the bond process to the board stating that the district restructured its debt to a level of debt service down to $2.85 million, which was a good deal. He also confirmed the bond refunding was structured correctly; the district got an A+3 rating from Moody. He advised the district saved $8.9 million on interest costs. Bond pricing was at the market. He addressed the areas of concern in that Moody has withdrawn the district's bond rating which at this point has no direct financial impact, but it impacts the district's potential in the future. Mr. Morales advised the second area of concern was that there was some irregularity in the solicitation process, and not very well documented. Other than that, it was a pretty good transaction. Thereafter, the board entered discussion with Mr. Morales regarding the Moody rating being withdrawn.

ACTION: Moved by Director Garza and seconded by Director Moreno to receive and file the report on Item 12A. The motion carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: None
ABSTAIN: Chacon
ABSENT: Vasquez-Wilson

12.B TREASURER'S REPORT FOR JULY 2024 THROUGH DECEMBER 2024

RECOMMENDED MOTION: That the Board receive and file the Treasurer's Report for July 2024 through December 2024.

Finance Consultant and Treasurer Samario provided the Treasurer's report for the months of July 2024 through December 2024.

ACTION: Moved by Garza and seconded by Director Moreno to receive and file the Treasurer's report for the months of July 2024 and December 2024. The motion carried by the following roll call vote:

AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: Chacon
ABSENT: Vasquez-Wilson

12.C AWARD A SOLE SOURCE CONTRACT TO CUMMING CORPORATION, INC TO CONTINUE CONSTRUCTION AND PROJECT MANAGEMENT SERVICES FOR THE MONTEBELLO HILLS PUMP STATION PROJECT
RECOMMENDED ACTION: Award a Sole Source Contract to Cumming Corporation, Inc. (Cumming) to continue Construction and Project Management Services of the Montebello Hills Pump Station Project in the amount not-to-exceed 118,870.00.

A report was presented to the board by Engineering & Operations Manager Yu and Basam Rosin from Cumming Corporation. Questions were asked by directors about which Mr. Rosin, Mr. Yu, and Mr. Robinson responded.

Due to technical difficulties with audio, the board recessed at 12:54 pm and reconvened at 1:05 pm. at which time a discussion continued regarding the fiscal impact and the interim general manager confirming the contingency is covered within what is budgeted for capital improvement projects for FY 2024-2025.

ACTION: Moved by Director Chacon and seconded by Director Crawford to approve the award of a sole source contract to Cumming Corporation, Inc. to continue Construction and Project Management Services of the Montebello Hills Pump Station Project in the amount not-to-exceed 118,870.00. The motion carried by the following roll call vote:
AYES: Ochoa, Chacon, Garza, Crawford, Moreno, Mendez
NOES: None
ABSENT: Vasquez-Wilson

12.D DIRECTION ON ADDRESSING THE BILLING ERRORS BETWEEN JULY 2023 AND OCTOBER 2024
RECOMMENDED MOTION: That the Board refund the overbilling and collect on the underbilling

Finance Consultant Samario presented a brief report explaining the errors that were identified in the billing between July 2023 and October 2024. Thereafter, a lengthy discussion continued regarding this issue and whether there would be a potential conflict of interest for the board members representing the purveyors to take action on this item. As a result, General Counsel Ponto requested a continuance on this item so counsel can render an opinion on who can and cannot vote on this action.

ACTION: Moved by Director Chacon and seconded by Vice-President Mendez to move to continue this item to the next regular board meeting with direction that legal counsel examine to determine if there is potential conflicts of interest and to reach out to the Attorney General, if necessary. The motion carried by the following roll call vote:
AYES: Ochoa, Chacon, Garza, Crawford, Moreno, Mendez

NOES: None
ABSENT: Vasquez-Wilson

12.E REVIEW DRAFT OF REQUEST FOR PROPOSALS FOR A PROFESSIONAL EXECUTIVE RECRUITMENT FIRM FOR THE RECRUITMENT OF THE CENTRAL BASIN MUNICIPAL WATER DISTRICT GENERAL MANAGER

RECOMMENDED MOTION: Review and approve the draft RFP based on direction regarding timeline, adjustments to the Scope of Work and any additional direction for staff.

A brief staff report was given by General Counsel Ponto. A lengthy discussion ensued regarding the request for proposal process being handled by the general counsel and initial screening. General Counsel Ponto summarized his understanding of the board's direction indicating that he would work with staff to publish the Request for Proposals, he would receive the proposals, review them for responsiveness and qualifications, and then present the entire package to the board for consideration either at a special meeting or regular meeting and the board can do a comprehensive review.

ACTION: Moved by Director Garza and seconded by Director Moreno to approve moving forward with the Request for Proposal pursuant to the direction of the board on how the process would be handled. The motion carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: Chacon
ABSENT: Vasquez-Wilson

12.F REVIEW AND APPROVE CUSTOMER SURVEY QUESTIONS

RECOMMENDED MOTION: Review and approve customer survey questions.

Management Analyst Maddie Chen reviewed the Customer Survey questions with the Board of Directors. Thereafter, the board discussed various questions on the survey and made suggestions to staff on areas to include in the survey. Interim general manager Jeng responded to the board explaining the concept behind this initial survey and using SurveyMonkey to send out the survey; and later hiring a professional firm to perform a more in-depth survey using the EPA's strategy on utility planning questions.

Director Chacon left the meeting at 1:23 pm.

ACTION: Moved by Vice-President Mendez and seconded by Director Garza to direct staff to incorporate the feedback received and put out the survey. The motion carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: None
ABSENT: Chacon, Vasquez-Wilson

12.G CONSIDER THE WATER RESOURCES AND GOVERNMENTAL AFFAIRS COMMITTEE'S RECOMMENDATION TO SPLIT THE COMMITTEE

RECOMMENDED MOTION: Staff recommends merging the Water Resources and Engineering Committees and create a standalone Government Affairs Committee.

A brief report was present to the Board by the Liaisons to the committees, Management Analyst Chen and Operations and Engineering Manager Yu. The board agreed with the separation and refocusing of the committees and suggested the Governmental Affairs Committee also include Community so it would be Governmental and Community Affairs Committee. Ms. Jeng summarized the action was not to add another committee and listed the three committees. Discussion continued as to which committee certain programs would fall.

ACTION: Moved by Director Garza and seconded by Director Moreno to approve staff's recommendation to continue to have three committees, the first committee would be the Governmental Affairs, Community Affairs, External Affairs (name to be determined later); the second committee would be the combination of Water Resources and Engineering and Operations Committee; and the Administration and Finance Committee. The motion carried by the following roll call vote:
AYES: Ochoa, Garza, Crawford, Moreno, Mendez
NOES: None
ABSENT: Chacon, Vasquez-Wilson

13. CLOSED SESSION

The board recessed to closed session at 2:28 pm to discuss the following items:

13.A CONFERENCE WITH LEGAL COUNSEL
ANTICIPATED LITIGATION
CALIFONIA GOVERNMENT CODE 54956.9(d)(2) –THREE MATTERS

13.B CONFERENCEWITH LEGAL COUNSEL
EXISTING LITIGATION
CARLOS PENILLA v. CENTRAL BASIN MUNICPAL WATER DISTRICT, AND DOES 1-10 (CASE NO. 24STCV20206)
CALIFORNIA GOVERNMENT CODE SECTION 54956.9(d)

13.C CONFERENCE WITH LEGAL COUNSEL
EXISTING LITIGATION
LETICIA VASQUEZ WILSON v. CENTRAL BASIN MUNICIPAL WATER DISTRICT, ET AL (CASE NO. 22STCV19770)
CALIFORNIA GOVERNMENT CODE SECTION 54956.9(d)

14. RECONVENE TO OPEN SESSION

The board reconvened to open session at 3:37 pm at which time Legal Counsel Ponto reported that the board recessed to closed session under Items 13.A,13.B, and 13.C. For each of those items Counsel was given, and direction was received. There is no further reportable action at this time. Director Crawford was not present for the remainder of the meeting.

15. GENERAL MANAGER'S REPORT ON DISTRICT ACTIVITIES

Interim General Manager Jeng apologized for the delay in getting the General Manager Operational Activities to the board. She wanted to say that as January finishes, staff will go back to the schedule of reporting on operational activities every two weeks.

16. DIRECTOR'S REPORT ON MEETING AND CONFERENCE ATTENDANCE

Director Mendez reported on his first Well Fellowship session which was held in Coachella and was becoming more understanding what the different regional water structures are. He also requested modesty skirts for the tables. Director Mendez reported that he agreed with President Ochoa that the district needed to do some strategic planning, re-evaluating the mission, and setting some goals for the board of what the board hopes to accomplish this year. He suggested introducing an evaluation policy of the board at the end of the year. He also discussed the state audit review, and he felt it was necessary that the district do a short term and long term financial strategic plan. Vice-President Mendez recommended that the board hold a retreat in March. He noted that he is finally beginning to see collaboration among the directors. He made some suggestions on how to break the factions and build the committees. He also discussed the rate discrepancies and moving forward with a mindset of transparency. He suggested looking at the district's policies especially on governance, agenda preparation process, Roberts Rules of Order, and the board president description and powers needed to be revised.

Director Moreno congratulated President Ochoa and Vice-President Mendez on being elected to their respective position. She acknowledged the devastating fires and hoped that the remainder of the year would look better for everyone.

Director Garza congratulated President Ochoa on his presidency and bringing a new perspective to the board.

Director Garza reported on his representation on the Metropolitan Water Board and that it takes a long time to gain footing and he thanked the board for his reappointment.

He reported that the Chairman of the Metropolitan Board will be announcing his appointments to committees and chairmanships next week.

He reported that he and Ms. Jeng attended the swearing-in ceremony for the Water Replenishment District. He also reported that he and Ms. Jeng would be going on an inspection tour with Metropolitan next week.

President Ochoa congratulated Director Mendez on his election to vice-president and he continues to learn more on governance from Director Mendez. He also acknowledged having a new perspective on the board and having new policies and really shaping the direction of the board and providing direction, leadership and guidance to staff on policy matters. He thanked the staff for all the work on the many items that were on the agenda. He stated his heart, and prayers go out to the victims of the wildfires. He noted that the fires shed light on the value of water, the importance of infrastructure, and the importance of managing and operating it effectively. He stated he was looking forward to the inspection trip and was humbled to be part of the trip with Metropolitan Water.

17. DIRECTOR'S COMMENTS AND FUTURE AGENDA ITEMS

18. ADJOURNMENT

There being no further business to come before the board the meeting was adjourned at 3:56 pm.

Respectfully submitted

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Administrative Concepts, LLC.
Submitted By: Braden Yu
Approved By: Elaine Jeng

CONSENT ITEM

APPROVE ENGINEERING AND OPERATIONS COMMITTEE'S RECOMMENDATION TO HAVE THE BOARD OF DIRECTORS APPROVE THE COMMITTEE'S MEETING MINUTES FOR AUGUST 14, 2024, SEPTEMBER 11,2024, OCTOBER 9, 2024, NOVEMBER 13, 2024, DECEMBER 11, 2024 AND JANUARY 8, 2025

SUMMARY:

On July 2, 1953, the State of California approved the Ralph M. Brown Act (commonly known as the Brown Act). This law was enacted to ensure public access to meetings of local legislative bodies. Its primary objective is to promote transparency and accountability in government decision-making by requiring that deliberations and actions be conducted openly.

A key requirement of the Brown Act is the maintenance of meeting minutes, as it mandates that all actions taken by a public agency during a meeting must be publicly documented, including the votes of each member present. These records serve as an essential tool for public oversight.

It has been the District's past practice that minutes for committee meetings were not kept . This practice is not in keeping with the objective of the Brown Act. To address this, the District has hired a consultant, Administrative Concepts, to review recordings of past Brown Act-compliant meetings, such as the Engineering & Operations Committee Meetings, and prepare official meeting minutes.

Although these minutes have been prepared using publicly available recordings, the current Committee members were not part of those meetings. As a result, the Committee has recommended to forward this matter to the Board of Directors for their consideration.

ENVIRONMENTAL COMPLIANCE:

Not Applicable

COMMITTEE STATUS:

The Engineering and Operations Committee Meeting Minutes for August 14, 2024, September 11, 2024, October 9, 2024, November 13, 2024, December 11, 2024 and January 8, 2025 were presented at the February 12, 2025 Engineering and Operations Committee as a Consent Item. The Committee directed staff to have the Board approve the meeting minutes.

RECOMMENDED MOTION:

Approve as presented.

EXHIBITS:

E&O Cmte Mtg2024.08.14-Minutes.docx
E&O Cmte Mtg2024.09.11-Minutes.docx
E&O Cmte Mtg2024.10.09-Minutes.docx
E&O Cmte Mtg2024.11.13-Minutes.docx
E&O Cmte Mtg2024.12.11-Minutes.docx
E&O Cmte Mtg2025.01.08-Minutes.docx

CENTRAL BASIN MUNICIPAL WATER DISTRICT
ENGINEERING AND OPERATIONS COMMITTEE MEETING
AUGUST 14, 2024

MINUTES

The meeting was held at 1466 S. McDonnell Avenue, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us.

1. CALL TO ORDER The meeting was called to order at 10:08 am

2. ROLL CALL.

Present: Directors Chacon, Vasquez-Wilson, Camacho-Rodriguez

Absent: None

A quorum was present.

Also Present: Interim General Manager Jeng, Deputy General Counsel Margolin

3. PUBLIC COMMENTS

Lee Squire addressed the committee regarding capital improvements and specifically requested the documents regarding the purchase and sale of the buildings. He discussed other financial transactions that he considered irregular.

4. CONSENT ITEMS

None.

5. ACTION ITEMS

5.A REQUEST FOR PROPOSAL FOR ARCHITECTURAL SERVICES TO THE DISTRICT MAIN OFFICE RENOVATION PROJECT
RECOMMENTED MOTION: That the Board approve the release of a request for proposal for architectural design service and bring back the item for selection and approval.

John Robinson provided a staff report regarding this item and presented some background information. The committee members asked several questions and Mr. Robinson responded. Director Camacho-Rodriguez requested the original plans of the building that were included in the real estate transaction documents explaining her reason for requesting these documents. Director Camacho-Rodriguez requested to see the amount that was paid to Cumming for the review of the building when it was purchased. Director Chacon felt that the committee was not ready to move forward with this issue.

ACTION: Moved by Director Chacon and seconded by Director Vasquez-Wilson to bring this item back to the committee in two months. The motion carried (3-0) to bring this item back to the October meeting.

5.B AUTHORIZATION FOR A CONTRACT AMENDMENT TO CONTRACT 2023-10 CONSTRUCTION MANAGEMENT WITH CUMMING CORPORATION, INC. FOR THE MONTEBELLO RECYCLED WATER PUMP STATION PROJECT

RECOMMENDED MOTION: That the board approves an increase of $30,460 to Contract 2023-10 for a not-to-exceed amount of $293,250 for the Montebello Hills Recycled Water Pump Station Project and authorizes the Interim General Manager to execute all agreements and necessary Approvals to ensure timely completion of the project.

John Robinson presented a staff report explaining the reason for the extension of the agreement. A lengthy discussion ensued regarding this matter and Director Camacho-Rodriguez requested documentation that shows the time frame and the amounts paid.

ACTION: Moved by Director Vasques-Wilson and seconded by Director Chacon that Item 5.B be moved to the Board for consideration. The motion unanimously carried on condition that Director Camacho-Rodriguez be given the documents she requested.

5.C AUTHORIZATION FOR A CONTRACT AMENDMENT TO CONTRACT 2024-01 INSPECTION AND MATERIAL TESTING WITH NINYO & MOORE FOR THE MONTEBELLO RECYCLED WATER PUMP STATION PROJECT

RECOMMENDED MOTION: That the board approves an increase of $27,620 to Contract 2024-01 for a not-to-exceed amount of $100,000 for the Montebello Hils Recycled Water Pump Station Project and authorizes the Interim General Manager to execute all agreements and necessary approvals to ensure timely completion of the project.

John Robinson presented a brief staff report explaining the reason for the request for additional funds. Director Camacho-Rodriguez requested the soils sample reports be provided to the board and these reports be included in the staff reports in the future. She also requested a table be provided to the board showing the actual cost, the contingencies and what is being paid out of the contingency that was approved.

ACTION: Moved by Director Vasquez-Wilson and seconded by Director Chacon to approve staff's recommendation and send it to the board. The motion carried (2-1).

6. BOARD COMMENTS

Director Camacho-Rodriguez reported that she continues to attend meetings. The community is very active in following the district. She thanked her colleagues for doing an excellent job.

Director Chacon thanked his colleagues for the great work they do.

7. GENERAL MANAGER COMMENTS

Interim General Manager Jeng thanked the committee.

8. ADJOURNMENT

There being no further business to come before the Committee, Chair Chacon adjourned the meeting at 11:00 AM. The next Engineering & Operations Committee meeting will be held on Wednesday, September 11, 2024, at 10:00 a.m. at 1466 S. McDonnell, Commerce, CA 90040.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
ENGINEERING AND OPERATIONS COMMITTEE MEETING
SEPTEMBER 11, 2024

MINUTES

The meeting was held at 1466 S. McDonnell Avenue, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us.

1. CALL TO ORDER The meeting was called to order at 10:16 am. Director Crawford apologized for the meeting starting late due to administrative issues.

2. ROLL CALL

Present: Chair Crawford, Directors Chacon, Vasquez-Wilson who participated via Zoom pursuant to AB 2449 she was unable to attend in person due to caring for a family member.

Absent: None

A quorum was present.

Also Present: Interim General Manager Jeng, Deputy General Counsel Margolin, Assistant Engineer Guido

3. PUBLIC COMMENTS

None

4. CONSENT ITEMS

None.

5. ACTION ITEMS

5.A CAPITAL IMPROVEMENT PROJECT PLAN AND RECYCLED WATER PROGRAM UPDATES
RECOMMENDED MOTION: Receive and file.

A staff report was provided by Assistant Engineer Guido bringing the committee up to date regarding the capital improvement project plan and the recycled water program updates. The committee asked questions which Ms. Guido responded. A brief discussion ensued regarding the projections for sale of water and the actuals for the last two years. Chair Crawford asked if the District had a list of potential agencies that could connect easy lateral surface installations for recycled water. Ms. Guido responded that they are looking into that and it is just a matter of reaching out to them and doing some research.

In response to Director Crawford's question regarding tracking potential customers, Ms. Guido responded that each customer has a folder on the network drive that staff has begun doing cost estimates for. Director Crawford requested to see the list since the directors might know some of the agencies and can reach out to them. Staff will bring that information back to the next meeting.

A brief discussion regarding making sure that all directors have the necessary information if they need to participate by teleconference so that they can be prepared in advance before the start of the meeting.

Director Vasquez-Wilson concurred with Director Crawford's request for additional information since she believed the recycled water pipeline was the future of the agency. She also noted for the record that this is the first time she has participated remotely.

Director Chacon requested that when directors call, please return the call or answer right away.

6. ADJOURNMENT

There being no further business to come before the Committee, Chair Crawford adjourned the meeting at 10:37 AM. The next Engineering & Operations Committee meeting will be held on Wednesday, October 9, 2024, at 10:00 a.m. at 1466 S. McDonnell, Commerce, CA 90040.

Respectfully submitted,

_____
Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
ENGINEERING AND OPERATIONS COMMITTEE MEETING
OCTOBER 9, 2024

MINUTES

The meeting was held at 1466 S. McDonnell Avenue, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us.

1. CALL TO ORDER The meeting was called to order at 10:00 am

2. ROLL CALL.

Present: Directors Chacon, Vasquez-Wilson, Chair Crawford

Absent: None

A quorum was present.

Also Present: Interim General Manager Jeng, Assistant Engineer Guido Consultant Robinson, General Counsel Ponto

3. PUBLIC COMMENT

None.

4. CONSENT ITEMS

None.

5. ACTION ITEMS

5.A THE DISTRICT'S MAIN HEADQUARTER OFFICE
RECOMMENDED MOTION: That the Committee provide direction to staff.

A brief report was presented by John Robinson.

ACTION: Moved by Chair Crawford and seconded by Director Chacon to defer this item to the November 2024 Committee Meeting and then to the District Board Meeting in November. The motion carried by the following roll call vote:
AYES: Chacon, Vasquez-Wilson, Crawford
NOES: None
ABSENT: None

5.B AUTHORIZATION FOR A SOLE SOURCE CONTRACT WITH CUMMING CORPORATION, INC FOR CONSTRUCTION AND PROJECT MANAGEMENT SERVICES FOR THE RIO HONDO PUMP STATION REHABILITATION PHASE 1 PROJECT

RECOMMENDED MOTION: That the Committee direct staff to prepare a sole source contract with Cumming Corporation, Inc. for the Rio Hodo Pump Station Project Phase 1 for an amount not-to-exceed $162,207.50 with a termination date of June 30, 2025, and present the sole source contract for approval at the October 28, 2024, Board meeting.

Assistant Engineer Guido presented a brief staff report to the Committee. Thereafter, a discussion ensued in which the committee asked questions and staff responded.

ACTION: Moved by Director Chacon and seconded by Director Vasquez-Wilson to approve staff's recommendation and move this item forward for Board consideration. The motion carried by the following roll call vote:
AYES: Chacon, Vasquez-Wilson, Crawford
NOES: None
ABSENT: None

6. DIRECTORS COMMENTS AND FUTURE AGENDA ITEM

None.

7. ADJOURNMENT

There being no further business to come before the Committee, Chair Crawford adjourned the meeting at 10:12 AM. The next Engineering & Operations Committee meeting will be held on Wednesday, November 13, 2024, at 10:00 a.m. at 1466 S. McDonnell, Commerce, CA 90040.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
ENGINEERING AND OPERATIONS COMMITTEE MEETING
NOVEMBER 13, 2024

MINUTES

The meeting was held at 1466 S. McDonnell Avenue, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us.

The interim general manager announced for the public in person and on zoom that by way of a special meeting on November 1, 2024, the president of the Board changed from Art Chacon to Martha Camacho-Rodriguez. As part of the president's duties, the president made some changes to the membership of the committee. The membership of the Engineering and Operations Committee is now Chair Leticia Vasquez-Wilson and members are Martha Camacho-Rodriguez as well as Director Joanna Moreno. The alternate is Director Art Chacon.

1. **CALL TO ORDER** The meeting was called to order at 10:04 am

2. **ROLL CALL**.

   Present: Members Moreno, Rodriguez-Wilson (who did not participate), Chair Camacho-Rodriguez **Absent:** None

A quorum was present.

Also Present: Interim General Manager Jeng, Engineering & Operations Manager Yu, General Counsel Ponto via zoom

3. **PUBLIC COMMENT**

Committee Member Velasquez-Wilson addressed the Board regarding her concerns about this meeting and the continued disfunction and misinformation at the agency. She hoped that with the new Board members the Board could settle down and work and operate like a governing Board should. She expressed her lack of understanding that an outgoing Board member who became Chair and called for these special meetings. She continued discussing all the issues that are currently plaguing the agency expressing her displeasure with past actions of individual Board members.

Lee Squire addressed the Board regarding Veteran's Day and the sacrifices made by the veterans. He advised that he was going to have the new Los Angeles County District Attorney ensure that the Public Integrity Unit investigates the District regarding the Capstone investigation and the payment of $75,000 without the

Board's approval. He also expressed his displeasure with some past employees and actions that had previously taken place in the District.

4. CONSENT ITEMS

None.

5. ACTION ITEMS

5.A AUTHORIZATION FOR A CONTRACT WITH SA ASSOCIATES FOR INSPECTION SERVICES FOR THE MONTEBELLO HILLS RECYCLED WATER PIPELINE

RECOMMENDED MOTION: The Engineering and Operations Committee consider and forward to the Board of Directors for approval of a contract with SA Associates for inspection and construction management services for the installation of Montebello Hills Phase B Recycled Water Pipeline in the amount Not-to-Exceed $37,0000.

The Engineering and Operations District Manager made a presentation to the Committee regarding Montebello's recycled water project in the Montebello Hills area southwest of the Montebello Mall. The project included the construction of two major components; one was a pump station; the other was a water line. He advised the pump station is near completion and the water line has been substantially worked on. There are four phases to be worked on A, A.1, A.2, and B. The last phase B will be starting construction in December, but the project is required to be inspected when the work is done by a contractor to ensure the work is done properly. Staff went out for an impromptu quote from contractors who perform project inspections to get the best price and best value for the work. The lowest quote was from SA Associates and therefore staff is recommending that the District hire SA Associates to do the inspection work for the Phase B work at the Montebello Hills project.

In response to Ms. Camacho-Rodriguez' request for an explanation regarding the expired contract, Mr. Yu explained there was a design contract and a construction management contract for the pump station work with Cummings. The Cummings contracts had ended in June and the District issued an extension for the pump station inspections; however, the District did not include the inspections for the pipeline. So, not having an inspection consultant on board, staff issued an RFP to make sure the District had the correct prices and get the best value for the District.

Interim General Manager Jeng added that the project has many components to it and when staff came to the Board to initially extend the contract for construction management that was for the Montebello Hills pump station. Today the staff is discussing a different component that has to do with the pipeline.

Discussion ensued regarding the various components to the project and that staff is requesting today is approval of an inspection contract that holds the District's partners accountable for what they put in the ground as part of the pipeline installation. She

explained for the members that the references to where the District is with Cummings, staff had previously addressed the Board was strictly related to the Montebello Hills pump station project. Cummings had been the project construction manager for that project and the project was nearing its completion, the contract needed to be extended to complete that component. She explained that while it is all one big project with several components, this item today is not related to the conversation with Cummings.

Chair Camacho-Rodriguez explained her concerns regarding the expired contract with Cummings. Ms. Jeng interjected that the District needs to do a better job managing the contracts and making sure that the term doesn't expire before a project is completed and discover after the fact and must return to the committee to have an expired contract extended. She advised that staff is working on a spreadsheet that tracks all the contracts the District has with columns indicating the expiration date and budgetary limitations. She further explained what steps staff took it realized Cummings contract expired in June as a construction manager for the Montebello Hills Pump station project. Because an expired contract cannot be extended, the Board, at its October meeting, voted to sole source a contract with Cummings to continue work on the Montebello Hills pump station through September 30th.

Ms. Jeng reiterated that staff solicited proposals for Segment B, the pipeline project, and SA Associates came in at a very good price and can serve in the capacity based on its experience. Therefore, staff is recommending the committee to approve engaging SA Associates for inspection services for pipeline installation for segment B and If the committee agrees with staff's recommendation staff would take that to the next Board meeting.

Chair Camacho-Rodriguez requested that the spreadsheet that staff is preparing be available at the next Board meeting so that the events are transparent, and everyone can understand.

ACTION: Manager Jeng recapped the understanding that the committee is supporting staff's recommendation but with the caveat that when staff presents it to the Board at the regular meeting for ratification for hiring SA Associates, that staff provide a more robust background on the overall project. The motion carried by the following roll call vote:
AYES: Camacho-Rodriguez, Moreno
NOES: None
ABSENT: Velasquez-Wilson

5.B CONSIDER OPTIONS FOR THE DISTRICT'S MAIN HEADQUARTER BUILDING

RECOMMENDED MOTION: Receive and file the presentation and provide a Recommendation for the Board of Directors for consideration.

General Manager Jeng advised the reason this item is being presented at the committee level. It is also on the Special Board meeting this afternoon at 2:30. She explained that the committee membership before this meeting was a different membership and at that

time the committee at the October meeting directed staff to bring this item back for review and potential action. The committee at that time also directed staff to take the headquarters item to the full Board and give a holistic presentation on its history, how the District obtained the building and the work that has been done to determine what to do with the building. That is why this is being presented at both meetings today. Staff is looking for some feedback on the options in the presentation.

Engineering and Operations Manager Yu began the presentation stating the District used to own an 18,000 square foot facility at 6252 Telegraph which was built in 1960. The facility was oversized for the staff the District had at the time and because of the age of the building it required over $300,000 in maintenance annually. In addition to that, due to health and safety $2 million in significant repairs were needed to renovate the facility. As a result of these issues, it was the Board's decision to sell the property. The Board approved to enter into a contract with GM Properties in 2019 and the building sold in 2022 for $6.2 million and after all escrow fees, the District received net $5.6 million. He compared the value of the property with the investment that would have had to be made for the renovation, the value would have been approximately $7.6 million. In August of 2022, the Board approved the purchase of a property at 6801 Washington Boulevard which was also built in 1960 and was approximately 7,700 sq. feet. He did not know what the maintenance costs were because there have been break-ins by homeless people who stole electrical and copper and made the building unusable.

The District hired an architect, SPA Architects, and SPA did an analysis for the District and provided two concepts for renovation and a concept to rebuild the facility. The estimated cost for renovation was $5.3 million whereas the estimated cost for a new building was $6.7 million. That coupled with the price of the property, $2.8 million makes the land and repair costs go from $8 million to $9.4 million depending on the option that is preferred. He pointed out that it was going to cost more to renovate this facility than it would have for the larger facility the District sold. He advised that because the old building was sold and the building the District currently owns is unusable, District staff has been leasing offices since June 2022. He noted the four locations that the District rents in addition to the public storage space, the total amount the District pays in rent annually is $161,000.

Mr. Yu advised the committee of all the possible options the District has beginning with doing nothing and leave things as they are or look at the recommendations provided by SPA Architects which is either to repair the building at $5.2 million or construct a new building at $6.7 million. He suggested the District could sell the facility, explaining the facility is old and the District would have to make significant investments to make the property valuable. Once the property is sold the District can purchase a new building or the District can look for a new building that can be leased with a boardroom to host meetings at a consolidated location. He noted the District rent property from the City of Whittier where the Rio Hondo pump station is located and is probably large enough to build a building. Mr. Yu summarized that these are the options that the staff is presenting. He offered to review the numbers and answer any questions regarding some of the options.

Committee member Moreno stated that looking at some of the costs she liked the idea of a lease that already has a boardroom. She indicated she would like to continue the discussion with the entire Board at the meeting this afternoon.

Chair Camacho-Rodriguez stated that she requested the report detailing the sale of the building. She had some questions regarding the reports that were presented because what she saw during a walkthrough with other directors didn't match what she saw in the report. She thought there might be some cut and paste that was incorrect. When a property is bought there is a report and so the directors need a copy of that report.

Interim General Manager Jeng interjected that they had previously discussed this, and the staff has been trying to locate documentation relating to the real estate transactions, both the sale of the building and the purchase of the building. It appears to be the same realtor that assisted in both transactions. Staff have not been successful in locating the real estate transaction documents. She advised during the recent finance committee it was reported that a company has been engaged assist staff in evaluating the real estate transaction so that a report can be put together for the directors summarizing the real estate transactions that took place in 2022. She confirmed that Ms. Camacho-Rodriguez was interested in knowing the details particularly for the purchase of the building on Washington and she felt staff can do that at the next regular Board meeting.

Further discussion ensued regarding the commission of the realtors and the transaction records. Ms. Jeng responded that the staff has some information on the escrow, however, she reached out to the realtor recently and was told by the realtor that the questions should be put in writing and sent to them and the staff is doing that.

No action was taken. The committee moved Item 5.B forward to the Board of Directors.

Ms. Jeng appreciated the feedback received from committee member Moreno, that is the type of information staff is looking for and has not been able to get.

Committee Member Vasquez-Wilson addressed the committee stating that staff should be bringing recommendations to the Board for their input and decision making. She did not think it was the Board's responsibility to make the recommendations.

Committee Member Camacho-Rodriguez discussed further the issue of having options presented and the District not being able to discuss options that involve making a decision about millions of dollars when the Board doesn't even know what actually exists. She appreciated the work that has been done so the entire Board can have a robust discussion on the fact that the staff has not been able to agendize the topic of the District's finances.

Ms. Jeng confirmed her understanding that there is no action other than discussing the issue later today at the special Board meeting. Thereafter discussion continued regarding making any decisions on a facility and not knowing the financial status of the District. Ms. Jeng noted that at the special meeting this afternoon there is an item on the FY 2024/25

budget that staff has been wanting to schedule. However, it is only speaking to the budget for the current year and the District is almost halfway through the year, so the budget is a little late. She further mentioned that the District has not had the audit completed for the last three years and so it is difficult to understand the District's financial standing to know what the liabilities and assets are to be able to afford taking on the capital improvement of a building of this magnitude. She agreed with Ms. Camacho-Rodriguez, that the District needed to sort out the finances, unfortunately only this fiscal year budget is on the agenda What she thinks Ms. Camacho-Rodriguez is looking at is a financial standing for the District that would only be impactful if the financial audits were completed.

Committee Members Moreno and Velasquez-Wilson left the meeting briefly and returned at 10:46 am.

Ms. Camacho-Rodriguez continued discussing the financial status of the District and requested the information provided by Ms. Jeng be included in the report. She further indicated there have been several years where the Board has not been able to hold anyone accountable when it comes to the District's finances. So, the Board cannot approve millions of dollars of work when the Board doesn't even know if it has that money. She continued discussing the fiduciary duty of the Board and the past president not allowing the finances and the audits to be agendized. Staff confirmed they would address these issues in the presentation this afternoon.

5.C NEW MWD CONNECTION (CENB-56) UPDATE
RECOMMENDED MOTION: Receive and file update.

Engineering Manager Yu presented a brief report regarding the new Metropolitan Water District connection CENB-56. He mentioned that ground water contamination is a concern throughout the area and with new PFAS regulations, Golden State Water Company in 2021 expressed concern that some of their supplies might be negatively impacted. Golden State wanted to make sure they had alterative water supplies in case their groundwater required remediation, and they had to have treatment costs associated with that might take a while to put in place. In 2021, Golden State reached out to Central Basin regarding the possibility of creating a new connection. The District referred Golden State to the Metropolitan Water District, and they held meetings to discuss the project and the nature of the project. In October of 2021 MWD issued a letter stating they needed $75,000 to do a preliminary study on this phase of work and in April 2023, they did a draft cost estimate for the project. He advised the draft cost estimate was estimated at about $1.3 million for design and ordering of long lead items. Golden State stated they did not want to spend $300,000 for pre-ordering of the long lead items, and only wanted the design. So, the cost estimate was revised to approximately $1 million for the design only. The District is currently trying to finalize payment of that $1 million so that MWD can begin design of that water connection.

Ms. Camacho-Rodriguez clarified for the public that the District pays for the connection and if this is not a connection but just another project then that needs to be clearly stated. Mr. Yu responded that he did not believe the District pays for the connection. He explained that Golden Stare made the request, and because these are very large transmission lines, they need to make sure it is designed appropriately and MWD has the design team to make sure they control the work on their facility. He further explained that Golden State will be paying the District, and the District will forward it to MWD so that the design can begin. Eventually, when the work is going to be done the same process will be followed.

Ms. Camacho-Rodriguez stated that an explanation needs to be clearly written in the report. Ms. Jeng noted that it was, and if it was not clear in the report, that was good feedback. Committee Member Moreno stated that she understood that from the report. There was no action on this item. It was information to be received and filed by the committee.

6. GENERAL MANAGERS REPORT ON DISTRICT ACTIVITIES

Ms. Jeng welcomed the new membership expressing her appreciation for the participation of the committee members. She knew it was going to be a long day for the members, and she thanked them for being here today.

7. DIRECTORS COMMENTS AND FUTURE AGENDA ITEM

Ms. Camacho-Rodriguez acknowledged the excellent work, and she looked forward to the meeting at 2:30 for more detailed information.

8. ADJOURNMENT

There being no further business to come before the Committee, Chair Camacho-Rodriguez adjourned the meeting at 10:55 AM. The next Engineering & Operations Committee meeting will be held on Wednesday, December 11, 2024, at 10:00 a.m. at 1466 S. McDonnell, Commerce, CA 90040.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
ENGINEERING AND OPERATIONS COMMITTEE MEETING
DECEMBER 11, 2024

MINUTES

The meeting was held at 1466 S. McDonnell Avenue, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us.

1. CALL TO ORDER The meeting was called to order at 10:02 am

2. ROLL CALL.

Present: Alternate Director Chacon, Chair Velasquez-Wilson

Absent: Director Moreno

A quorum was present.

Also Present: Interim General Manager Jeng, Engineering & Operations Manager Yu

3. PUBLIC COMMENT

Lee Squire addressed the Committee regarding the CRI Investigation Report and previous accounting issues.

4. CONSENT ITEMS

None.

5. ACTION ITEMS

5.A APPROVE AN AMENDMENT TO CONTRACT 2023-15 WITH VALUED ENGINEERING INC FOR PROP 1 PROJECT DESIGN SERVICES FOR (2) SITE REPLACEMENTS RECYCLED WATER CUSTOMER CONVERSION FOR DISADVANTAGED COMMUNITIES
RECOMMENDED MOTION: approve an amendment to Contract 2023-15 with Valued Engineering Inc. for Prop 1 Project Design Services of (2) Site Replacements Recycled Water Customer Conversion for Disadvantaged Communities and to forward to the Board of Directors for their consideration.

A brief staff report was presented by Engineering and Operations Manager Braden Yu who then responded to questions asked by the Committee members. After further discussion about continuing this item until January, staff informed the Committee that the

contract expires on December 31, 2024, and so in January the contract will have already expired, and the District would have to either sole source the contract to Valued Engineering or go back out to bid to complete the project. The Committee concurred to have this item brought back with more unspecified information.

Chair Velasquez-Wilson also discussed working with the Interim General Manager on the next Committee meeting agenda.

6. GENERAL MANAGERS COMMENTS

Interim General manager Jeng had no comments.

7. DIRECTORS COMMENTS AND FUTURE AGENDA ITEM

Director Chacon commented on the change in email addresses stating he has only ever had one email address which has never been changed and he is not receiving any emails or board packets and asked why.

Ms. Jeng responded that at the November 1, 2024, special board meeting, a majority of the Board passed a resolution that required all Board directors to use Central Basin's centralbasin.org email address for District business communication. Further discussion continued regarding the board not being able to use their personal email for business and not receiving the agenda packets in time for meetings. Ms. Jeng corrected the date, Resolution 11-13-1067 was passed indicating it was Item 5.C on the November 13, 2024, Board of Directors meeting.

Chair Velasquez-Wilson reported she has been tuning in to the Metropolitan Water District board meetings where they discussed its new project. She requested more information from the Met Board of Directors on this project because she understood that it will impact the rates for Central Basin's customers.

8. ADJOURNMENT

There being no further business to come before the Committee the meeting was adjourned at 10:33 am. The next Engineering & Operations Committee meeting will be held on Wednesday, January 8, 2025, at 10:00 a.m. at 1466 S. McDonnell, Commerce, CA 90040.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

CENTRAL BASIN MUNICIPAL WATER DISTRICT
ENGINEERING AND OPERATIONS COMMITTEE MEETING
JANUARY 8, 2025

MINUTES

The meeting was held at 1466 S. McDonnell Avenue, Commerce, CA 90040 and on Zoom https://centralbasin-org.zoom.us.

1. CALL TO ORDER The meeting was called to order at 10:00 AM.

2. ROLL CALL.

Present: Chair Wilson, Directors Moreno, Chacon

Absent: None

A quorum was present.

Also Present: Interim General Manager Jeng, Assistant General Counsel Lopez Engineering Manager Yu.

Interim general manager Jeng requested that Item 4 be moved to before Item 3.

4. CERTIFICATION BY THE BOARD SECRETARY TO THE BOARD OF DIRECTORS

Ms. Jeng certified that the agenda was posted in accordance with the Brown Act.

3. PUBLIC COMMENTS

Lee Squire addressed the committee regarding the final escrow closing statements on the sale and purchase of the office buildings and not receiving copies of records he has requested.

A brief discussion ensued regarding the documents requested by Mr. Squire be provided to him as soon as possible. A brief discussion ensued regarding directors not receiving records they request and having to request through the Public Records Act.

5. CONSENT ITEMS

5.A APPROVAL OF MINUTES FOR THE DECEMBER 11, 2024, MEETING
RECOMMENDED MOTION: Approval of December 11, 2024, Engineering & Operations Committee Meeting Minutes.

A brief report was presented about the lack of minutes for the committees in the past and going forward minutes will be prepared for the committees. A discussion continued

regarding the necessity of minutes for committees. Assistant Counsel affirmed that minutes were required for any Brown Act meeting.

Chair Wilson requested this item be presented to the Board with a report on the agenda that includes research that states these are the entities that produces meeting minutes for their committees, and if the purveyors prepare minutes. A discussion continued regarding whether the committees are bound by the Brown Act. Ms. Jeng confirmed that the Admin Code does reference all the committees of the District as Brown Act bodies. Therefore, this committee, the Administration & Finance Committee, and the Water Resources Committee are all designated as Brown Act bodies.

Chair Wilson advised this is going to go before the Board to clarify what constitutes a committee, the District's obligations according to the Brown Act, and whether the District is going to do minutes for the committee meetings.

ACTION: Moved by Chair Wilson to approve the Minutes as presented. The motion died for lack of a second.

6. ACTION ITEMS

6.A AWARD A SOLE SOURCE CONTRACT TO CUMMING CORPORATION, INC TO CONTINUE CONSTRUCTION AND PROJECT MANAGEMENT SERVICES FOR THE MONTEBELLO HILLS PUMP STATION PROJECT

RECOMMENDED MOTION: Support staff's recommendation to award a Sole Source Contract to Cumming Corporation, Inc. (Cumming) to continue Construction and Project Management services of the Montebello Hills Pump Station Project.

A brief staff report was presented by Engineering Manager Braden Yu. Chair Wilson requested a report from Cumming and requested a tour of the new pump station, suggesting there be two tours so the Board can be split. Then move forward with this item and have Cumming come to the meeting and give the report. Directors Chacon and Moreno stated they would like to attend that tour and there was someone in the audience who would like to attend.

Thereafter, the committee asked questions to which Mr. Yu responded. Director Moreno requested that the contract term be added to the staff reports moving forward.

Chair Wilson wanted to defer action on this item until the committee receives a full report on this project, in addition to the information that has already been requested, the complete costs of this project to the Central Basin Rate Payers, as well as more detail on $118,000 estimate.

ACTION: Moved by Chair Wilson and seconded by Director Chacon to defer Item 6.A to the next Board meeting on January 27th, and to have a full report on the overall project

and costs; and that John Robinson be present at the Board meeting. The motion carried by the following roll call vote:
AYES: Wilson, Moreno, Chacon
NOES: None
ABSENT: None

6.B DISCUSSION OF FUTURE ENGINEERING AND OPERATIONS COMMITTEE AGENDA ITEMS
RECOMMENDED MOTION: Discussion of Future Engineering and Operations Committee Agenda Items.

Interim General Manager and Engineering Manager presented a staff report defining the areas of interest for the committee in the Admin Code. Director Moreno advised that at the Water Resources Committee meeting that Director Ochoa suggested since the Engineering Committee sees items that the Water Resources Committee also sees possibly moving Water Resources and Engineering and Operations together and have Governmental Affairs be its own committee. The committee concurred and suggested this item be at the next Board meeting for consideration.

Thereafter a discussion ensued regarding the structure of the committees which were based on the structures of other agencies.

7. GENERAL MANAGERS COMMENTS

Interim General Manager commented on the Water Resources Committee discussion at its meeting on Monday on wanting to see a list of the District's Recycled Water Customers and also finding ways to obtain more customers in that regard. She thought that since recycled water was discussed at the Engineering & Operations meetings staff would like to recommend that the Board consider combining Engineering & Operations and Water Resources together as one committee and Governmental Affairs as a stand-alone committee.

8. DIRECTORS COMMENTS AND FUTURE AGENDA ITEM

Director Moreno commented that she would support combining the two committees at the next Board meeting.

Director Chacon wanted to know why he did not receive an agenda for the Water Resources and Governmental Affairs meeting on Monday and the Administration & Finance Committee meeting on Thursday. He wants a hard copy of all agendas mailed to him and he wants the digital copies emailed to his personal email address, not the one through the District email. Thereafter, a brief discussion took place about the use of personal emails and mailing all Board members hard copies of all committee agendas.

Chair Vasquez-Wilson requested a status report regarding Golden State Water's request for a connection on the next committee agenda. She would also like a list of all the

connections that the Metropolitan Water District has with Central Basin's 40 purveyors to be brought to the committee at a future meeting.

Ms. Wilson further requested that someone from the Metropolitan Water District come to the committee meeting to discuss new and future connections, and the steps involved when a purveyor wants to get a connection. The interim general manager was also directed to have the same presentation at the purveyor workshop.

9. ADJOURNMENT

There being no further business to come before the Committee, Chair Chacon adjourned the meeting at 11:05 AM. The next Engineering & Operations Committee meeting will be held on Wednesday, February 12, 2025, at 10:00 a.m. at 1466 S. McDonnell, Commerce, CA 90040.

Respectfully submitted,

_____
Elaine Jeng, Board Secretary

APPROVED:

_____
Nem Ochoa, Board President

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Madeline Chen
Submitted By: Madeline Chen
Approved By: Elaine Jeng

ACTION ITEM

WATER SUPPLY AND RESOURCES FEBRUARY 2025 UPDATE

SUMMARY:

Imported Water from Metropolitan Water District (MWD)
For the month of December 2024, Central Basin Municipal Water District (CBMWD) supplied 1,877 acre-feet (AF) of direct deliveries of imported water. This reflects a 13% increase compared to 1,649 AF supplied last year during December 2023. Year-to-date total demands for Tier 1 imported water are 13,490 AF, representing a 4% increase from the same period during the previous fiscal year (FY) when demands totaled 12,965 AF. A detailed list of these deliveries is attached as **Exhibit "A,"** and **Figure 1**, graphically compares these deliveries to the previous FY.

For FY24/25, CBMWD projected 22,364 AF of imported water and has produced 13,490 AF YTD. At the current rate, CBMWD anticipates meeting the projection by the end of the fiscal year.

CBMWD Recycled Water
For the month of November 2024, CBMWD supplied 339 AF of recycled water supplies. This reflects a 10% increase compared to 309 AF of recycled water supplied during November 2023. Recycled water year-to-date demands are 2,367 AF, representing a 22% increase from the same period during the previous fiscal year when demands totaled 1,938 AF. A detailed list of these deliveries is included as **Exhibit "B,"** and **Figure 2**, graphically compares these deliveries to the previous FY.

For FY24/25, CBMWD projected 4,000 AF of recycled water and produced 2,367 AF YTD. Similar to the imported water sale, at the current rate, CBMWD will be meeting the projected recycled water sale by the end of the fiscal year.

Community Relations
MWD Education Programs - "Being Waterwise is...": Annual Student Art Calendar
This program curate's student art submitted from grades K through 12 that illustrates a conservation message. Dozens of entries from Metropolitan's member agencies across their six-country service area are judged and featured in the annual calendar, which is distributed to about 13,000 recipients. This theme of water conservation and stewardship should be reflected in the artwork.

A maximum of up to 15 entries per agency, 5 per category:
- K-5th grade
- 6-8th grade
- 9-12th grade

Artwork may depict climate change or various conservation and waterwise use:
a. inside or outside of the home or school
b. in industries or businesses
c. in the environment (nature)
d. in agriculture
e. in recreation
f. cleanliness/proper hygiene

Metropolitan will select 36 images to be displayed and represented in the 2026 “Being Water Wise Is…” calendar and digital library. Selected artists will be honored at the Calendar Art Recognition Event on December 11, 2025. Artwork should be scanned with the image setting of 300 dpi (dots per inch), set to TIFF (Tag Image File Format). Files must have a minimum resolution of 240 pixels per inch (240 ppi) or 5 megapixels (5 MP) in landscape format. The submission deadline to Metropolitan is June 30, 2025. The official rules for the contest are attached as **Exhibit "C"**

Purveyor Meetings
The latest Purveyor Meeting, held on Thursday, January 23, 2025, included updates from CBMWD staff and discussions on key topics such as CBMWD's budget, charge discrepancies, CBMWD updates, Member Agency Administered Program updates, and activities related to the Metropolitan Water District.

The next Purveyor Meeting is scheduled on March 27, 2025, at 11:30 am, at Bristow Park.

2025 Colorado River Aqueduct Inspection Trip
Metropolitan Water District sponsored a Colorado River Aqueduct Inspection trip co-hosted by Director Garza and Director Fong-Sakai from January 30 to February 1, 2025. Presentations were given by both the District and the San Diego County Water Authority. There was an additional presentation on regenerative faming.

The Inspection Trip featured tours of the Hoover Dam, Copper Basin, William P. Whitsett Intake Pumping Plant, Parker Dam, Poston Memorial Monument, and General Patton Museum.

Grace F. Napolitano Pure Water Southern California Innovation Center Tour(s)
Staff is coordinating outreach efforts to organize a tour of the PWSC Grace Napolitano Innovation Center to allow the purveyors and Directors a firsthand look at this initiative and to facilitate continued conversations on our involvement.

MWD Conservation Program Update
The total investment on conservation expenditures and commitments from July 2024 to November 2024 is $12.1 million for the region. So far, the three biggest expenditures are in turf replacement, the Member Agency Administered Program, and their regional device rebate program. The total amount of turf replaced during this period is 2.8 million square feet with almost 250 trees rebated. Lastly, a little over 1,300 toilet have been rebated.

MWD Member Agency Allocation Program Funds

- MWD allocates a budget to its member agencies for conservation program use
- CBMWD can assign a portion of its budget to its customers, who can also choose to add additional funding to that program
- Sample Programs:
    - Education Outreach (classes, educational videos, animation clips)
    - Demonstration Gardens/Turf Replacement Projects
    - Water Conservative Toilet Retrofit & Installation
    - DAC Weather Based Irrigation Controller
    - Customized Programs with General Manager Approvals
- The new funding cycle is a one-year period due to expiring agreements. The new cycle is from July 1, 2024, to June 30, 2025, with a total budget of $352k. The funding cycle will return to a biannual basis starting July 1, 2026. Figure 3 is a pie chart of the total funds allocated thus far.
- FY 2024/2025 Projects, **Figure 3** is a pie chart of the total funds allocated in FY 2024/25.
    - The City of Hawaiian Gardens, Smart Irrigation and Retrofits ($221,701.63) - Complete, Awaiting reimbursement from MWD
    - The City of Signal Hill, Turf Replacement Projects ($31k) - Pending Project Proposal
    - St. Raymond School, Water Station Retrofit ($15k-$30k) - Pending Project Proposal
    - Garfield High School, Water Station Retrofit ($15k-$30k) - Pending Project Proposal
    - City of Montebello, Rain Barrel Giveaway ($10k-$20k) - Pending Project Proposal
- FY 2022/2023 - FY2023/2024 Projects:
    - The City of Commerce ($50k) - Complete, Approved by MWD
    - The City of Signal Hill ($176) - Complete, Approved by MWD, $31k rolling over to FY 2025/26 due to maxing out the flex fund bucket
    - The City of Vernon ($25k) - Complete, Approved by MWD
    - The City of Whittier ($20k) - Complete, Approved by MWD
    - The City of Downey ($25k) - Complete, Approved by MWD, $25k rolling over to FY 2025/26 due to maxing out the flex fund bucket
    - Turf Replacement Projects
    - Olea Leak Detection Pilot

Leak Detection and Repair Funds

- Along with the MAAP funds, MWD also provides funding for leak detection and repair
- The new funding cycle is a one-year period due to expiring agreements. The new cycle is from July 1, 2024, to June 30, 2025, with a total budget of $50k. The funding cycle will return to a biannual basis starting July 1, 2026. CBMWD will also receive $50k for FY 2025/26, **Figure 4** is a pie chart of the allocated funds for the program.
- The City of Lakewood, Leak Detection Equipment ($50k) - Approved by MWD, waiting on project completion.

Metropolitan Water District of Southern California (MWD) Administered Conservation Programs and Financial Incentives

- Be Water Wise: a portal for water-saving rebates and grants, landscaping classes, water-wise garden inspiration and tips on how to lower water use www.bewaterwise.com
- Residential and Commercial Rebate Program - SoCal Water$mart
  7/1/24 MWD was awarded a $30 million grant from the California Department of Water Resources, starting July 1st, it added an additional dollar to its Turf Replacement Program base incentive - boosting it to $3 per square foot for commercial, industrial and institutional sector and $4 for public agencies
  3/5/24 Residents and businesses can now get $100 per tree installed as part of the Turf Replacement Program to promote more sustainable landscapes, with a maximum of 5 trees or $500
  2/26/24 Bonus Funding for Public Agency Turf Replacement Projects: There will be an additional $1/square foot for a total of $4/ square foot
- On-Site Retrofit: Metropolitan's On-site Retrofit Program provides financial incentives directly to public or private property owners to convert imported water irrigation or industrial water systems to recycled water service. Incentives of up to $195 per acre-foot for ten years of estimated water use are available, with a cap at the actual retrofit costs. Items eligible for incentives include project design; permitting; construction costs associated with the retrofit to recycled water systems; connection fees and required recycled water signage.
  - The Program is open to public or private property owners with access to recycled water within Metropolitan's six county, 5,200-square mile service area. Systems already under construction are NOT eligible.
- Water Savings Incentive Program
  NEW: $3M is available for recirculating firefighting training units aka "Pump Pods". Interested fire departments should apply, if approved, MWD would cover 80% of the cost of the standard pump pod unit.
  The urgency to lower water usage will increase as our drought emergency continues to inform the uncertainty of future water sources. Every property is unique, and the Water Savings Incentive Program provides customized incentives.
  This program pays $0.60 per 1,000 gallons saved annually to MWD's CII, agricultural, and large landscape customers

MWD Local Resources Program
Since 1982, MWD has invested in local regional water supply reliability projects through the Local Resources Program (LRP). The LRP encourages and accelerates projects to recycle water, treat degraded groundwater and desalinate seawater by offering direct incentives based on the amount of water produced. The projects help reduce demand for imported water supplies and increase water supply reliability regionwide. We currently fund a total of 116 projects across Southern California.
The LRP is open to public and private water agencies within Metropolitan's service area. Applications must be made through the applicant's respective Metropolitan member agency.

In the past 10 years, one LRP project agreement was executed by the District and began operation for the Alamitos Barrier Reclaimed Water Project.

MWD Updates
Dedication of the Phillip J. Pace Board Room on January 28, 2025 at 2:30 PM, Metropolitan Headquarters.
Phillip Pace served two terms as chairman of MWD while representing CBMWD. He served the MWD Board from May 8, 1995 to January 8, 2008.

1/16/25 Metropolitan to further reduce reliance on Colorado River with $186 million federal investment: Funding will support turf-replacement, storage and leak-detection programs, add nearly 270,000 acre-feet to Lake Mead. Metropolitan's Turf Replacement Program, High Desert Water Bank groundwater storage program, and leak detection and repair program for disadvantaged communities will all receive federal support through the Inflation Reduction Act, under phase two of
Reclamation's Lower Colorado River Basin System Conservation and Efficiency Program. Together, the agreements will result in up to 269,000 acre-feet of conserved water added to Lake Mead by 2031 (an acre-foot is about 326,000 gallons, enough water to serve roughly three Southern California families).

While these actions will help stabilize Lake Mead over the next few years, they will also result in long-term reductions in demand for Colorado River water – long after we've fulfilled our commitment to contribute the 269,000 acre-feet required by these
agreements," Interim General Manager Deven Upadhyay said. "Advancing regionwide water-efficiency and storage opportunities will help build a more sustainable Southern California.

1/14/25 New director representing San Diego County Water Authority joins Metropolitan board: San Diego business and civic leader Mel Katz was seated today as San Diego County Water Authority's newest representative on the board of directors of the Metropolitan Water District of Southern California.

Katz has served on the Water Authority's board of directors since 2018, representing the city of Del Mar and served as chair from 2022 to 2024. Katz succeeds Tim Smith, who represented the Water Authority on Metropolitan's 38-member board since January 2018.

1/2/25 Metropolitan issues statement on the state's first snow survey of 2025: "While it is still too early to tell how this water year will shape up, at Metropolitan, we've made investments in storage and long-term planning to reduce our dependence on the amount of water we receive from our imported sources from year to year. "By kicking off 2025 with a record 3.8 million acre-feet of water in storage, we are well-positioned to meet our water demands this year. Instead of being at the mercy of increasingly dramatic fluctuations in precipitation, we are continuing to adapt to climate change by diversifying the region's water supplies, investing in storage, increasing the flexibility of our water system and supporting Southern Californians' commitment to saving water."

COMMITTEE STATUS:

This report was presented to the Water Resources and Governmental Affairs Committee on February 3, 2025.

RECOMMENDED MOTION:

Receive and file.

EXHIBITS:

25February001 Exhibit A Potable Reads.pdf
25February001 Exhibit B Recycled Reads.pdf
25February001 Exhibit C Being Waterwise is... Art Contest Rules.pdf
25February001 Exhibit D All Figures.pdf

Central Basin Municipal Water District

Meter Detail Report for Meter Type - Potable

End Fiscal Year - 2025

EXHIBIT "A"

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total (AF)
BELLFLOWER-SOMERSET MUTUAL WATER CO	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1
CALIFORNIA WATER SERVICE - EAST LOS ANGELES	235.94	367.93	298.91	299.34	56.61	70.33	0	0	0	0	0	0	1329.06
CALIFORNIA WATER SERVICE CO. - COMMERCE	25.5	33.12	45.11	19.43	17.64	34.32	0	0	0	0	0	0	175.12
CITY OF BELL GARDENS	87.44	90.47	86.25	82.22	74.75	74.9	0	0	0	0	0	0	496.03
CITY OF CERRITOS	0	0.07	0	0	0.19	0	0	0	0	0	0	0	0.26
CITY OF DOWNEY	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF HUNTINGTON PARK	127.8	140.92	133.59	116.49	97.87	98.36	0	0	0	0	0	0	715.03
CITY OF LAKEWOOD	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF LYNWOOD	0	0	0	0	20.63	46.23	0	0	0	0	0	0	66.86
CITY OF MONTEBELLO	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF NORWALK	100.31	99.77	93.42	88.51	88.82	89.16	0	0	0	0	0	0	559.99
CITY OF PARAMOUNT	232.39	235.6	219.31	209.94	186.89	185.27	0	0	0	0	0	0	1269.4
CITY OF SANTA FE SPRINGS	374.46	408.85	378.23	358.97	321.01	320.82	0	0	0	0	0	0	2162.34
CITY OF SIGNAL HILL	50.44	93.72	73.57	93.25	62	75.64	0	0	0	0	0	0	448.62
CITY OF SOUTH GATE	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF VERNON	0	0	0.04	0	0	0.04	0	0	0	0	0	0	0.08
GOLDEN STATE WATER COMPANY	685.24	618.44	550.69	564.41	515.81	464.31	0	0	0	0	0	0	3398.9
LA HABRA HEIGHTS WATER DISTRICT	0	0.02	0	1.09	0	0	0	0	0	0	0	0	1.11
LIBERTY UTILITIES	447.44	511.33	497.64	431.68	399.15	392.09	0	0	0	0	0	0	2679.33
LOS AMIGOS GOLF COURSE	0	0	0	0	0	0	0	0	0	0	0	0	0
MAYWOOD MUTUAL WATER CO. NO. 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAYWOOD MUTUAL WATER CO. NO. 2	1.78	2.5	0.06	0	0.61	0	0	0	0	0	0	0	4.95
MAYWOOD MUTUAL WATER CO. NO. 3	0	0	0	0	0	0	0	0	0	0	0	0	0
ORCHARD DALE WATER DISTRICT	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN GABRIEL VALLEY WATER CO	31.07	31.46	30.3	30.77	26.51	35.68	0	0	0	0	0	0	185.79
SUBURBAN WATER SYSTEMS	0	0	0	6.62	0	0	0	0	0	0	0	0	6.62
WALNUT PARK MUTUAL WATER CO.	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER REPLENISHMENT DIST. OF SO. CALIFORNIA	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Totals (AF)	2399.91	2634.2	2407.12	2302.72	1868.49	1887.2	0	0	0	0	0	0	13499.59

Central Basin Municipal Water District

Meter Detail Report for Meter Type - Potable

End Fiscal Year - 2024

EXHIBIT "A"

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total (AF)
BELLFLOWER-SOMERSET MUTUAL WATER CO	0	0	0	0	0	0.02	0	0.01	0	0	0	0	0.03
CALIFORNIA WATER SERVICE - EAST LOS ANGELES	318.66	263.82	231.25	225.6	65.8	4.76	11.17	0.44	41.01	3.47	14.17	46.24	1226.39
CALIFORNIA WATER SERVICE CO. - COMMERCE	61.23	61.65	37.9	28.51	18.33	19.15	20.31	7.71	8.15	22.68	4.47	16.21	306.3
CITY OF BELL GARDENS	86.68	85.36	78.7	81.54	73.94	73.01	68.96	61.56	67.27	68.66	77.94	81.04	904.66
CITY OF CERRITOS	0	0	0	0	0	0	0	0	0	0	0.12	0	0.12
CITY OF DOWNEY	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF HUNTINGTON PARK	99.63	98.29	109.21	116.97	118.73	118.94	123.02	114.44	120.84	91.65	87.32	94	1293.04
CITY OF LAKEWOOD	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF LYNWOOD	0	0.29	0	0.27	1.53	1.78	0	0	0	0	0.66	0	4.53
CITY OF MONTEBELLO	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF NORWALK	96.32	93.12	84.45	87.57	100.01	99.51	80.52	72.56	78.59	78.48	87.68	89.42	1048.23
CITY OF PARAMOUNT	242.96	227.77	205	202.11	174.22	167.39	155.57	130.09	142.47	150.92	181.47	196.98	2176.95
CITY OF SANTA FE SPRINGS	436.63	386.89	369.78	394.6	301.3	279.36	246.44	213.54	241.61	257.3	300.07	343.16	3770.68
CITY OF SIGNAL HILL	101.82	90.53	74.9	0.42	0	0	0	0	0	0	4.07	0.52	272.26
CITY OF SOUTH GATE	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF VERNON	0	0	0.05	0.03	0	0.05	0	0	0	0.06	0	0	0.19
GOLDEN STATE WATER COMPANY	677.13	515.66	451.21	595.76	527.71	497.23	487.1	420.02	564.39	536.08	622.24	662.99	6557.52
LA HABRA HEIGHTS WATER DISTRICT	0	0	5.15	8.94	0	0	0	0	0	0	8.44	0	22.53
LIBERTY UTILITIES	464.03	454.06	420.46	429.53	387.71	360.65	338.03	295.59	324.61	327	382.26	412.88	4596.81
LOS AMIGOS GOLF COURSE	0	0	0	0	0	0	0	0	0	0	0	0	0
MAYWOOD MUTUAL WATER CO. NO. 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAYWOOD MUTUAL WATER CO. NO. 2	7.11	0	0.01	0.04	0	0	0	0.02	0.01	0	0	3.54	10.73
MAYWOOD MUTUAL WATER CO. NO. 3	0	0	0	0	0	0	0	0	0	0	0	0.14	0.14
ORCHARD DALE WATER DISTRICT	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN GABRIEL VALLEY WATER CO	29.02	28.53	26.61	26.63	28.19	27.32	26.52	24.37	27.31	26.41	27.65	29.28	327.84
SUBURBAN WATER SYSTEMS	143.35	52.66	0	0	0	0.1	0	0	0	0	26.82	0	222.93
WALNUT PARK MUTUAL WATER CO.	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER REPLENISHMENT DIST. OF SO. CALIFORNIA	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Totals (AF)	2764.57	2358.63	2094.68	2198.52	1797.47	1649.27	1557.64	1340.35	1616.26	1562.71	1825.38	1976.4	22741.88

Central Basin
Municipal Water District

Meter Detail Report for Meter Type - Recycled

End Fiscal Year - 2025

EXHIBIT "B"

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total (AF)
BELLFLOWER-SOMERSET MUTUAL WATER CO	11.41	12.74	10.33	8.5	7.7	0	0	0	0	0	0	0	50.68
CALIFORNIA WATER SERVICE - EAST LOS ANGELES	3.3	2.96	3.13	2.29	1.63	0	0	0	0	0	0	0	13.31
CITY OF BELLFLOWER	1.16	0.98	0.3	1.64	0.87	0	0	0	0	0	0	0	4.95
CITY OF CUDAHY	0.3	0.28	0.27	0.3	0.18	0	0	0	0	0	0	0	1.33
CITY OF DOWNEY	108.94	97.34	96.55	70.15	49.69	0	0	0	0	0	0	0	422.67
CITY OF HUNTINGTON PARK	4.64	0	10.57	3.4	3.39	0	0	0	0	0	0	0	22
CITY OF LYNWOOD	1.51	1.24	0.1	2	0.59	0	0	0	0	0	0	0	5.44
CITY OF MONTEBELLO	39.02	39.34	29.49	23.82	13.32	0	0	0	0	0	0	0	144.99
CITY OF NORWALK	5.13	5.51	2.71	9.14	3.07	0	0	0	0	0	0	0	25.56
CITY OF PARAMOUNT	17.94	31.38	24.1	22.19	17.58	0	0	0	0	0	0	0	113.19
CITY OF PICO RIVERA	6.41	5.6	5.56	3.61	22.69	0	0	0	0	0	0	0	43.87
CITY OF SANTA FE SPRINGS	82.24	62.46	105.92	62.48	68.83	0	0	0	0	0	0	0	381.93
CITY OF SOUTH GATE	37.91	21.01	19.45	17.16	15.09	0	0	0	0	0	0	0	110.62
CITY OF VERNON	30.84	75.53	72.89	52.56	43.58	0	0	0	0	0	0	0	275.4
CITY OF WHITTIER	11.27	8.08	7.94	6.43	6.37	0	0	0	0	0	0	0	40.09
GOLDEN STATE WATER COMPANY	79.83	34.75	29.35	20.97	32.24	0	0	0	0	0	0	0	197.14
LIBERTY UTILITIES	42.51	42.69	43.05	24.65	17.2	0	0	0	0	0	0	0	170.1
LOS AMIGOS GOLF COURSE	42.98	32.99	26.44	2.82	0	0	0	0	0	0	0	0	105.23
Montebello Land & Water Company	6	0	0	5.55	2.58	0	0	0	0	0	0	0	14.13
PICO WATER DISTRICT	6.69	7.22	7.85	3.42	3.32	0	0	0	0	0	0	0	28.5
SAN GABRIEL VALLEY WATER CO	46.26	36.96	37.67	27.37	25.48	0	0	0	0	0	0	0	173.74
UPPER SAN GABRIEL VALLEY MWD	4.33	4.63	5.01	3.91	3.8	0	0	0	0	0	0	0	21.68
Grand Totals (AF)	590.62	523.69	538.68	374.36	339.2	0	0	0	0	0	0	0	2366.55

Central Basin Municipal Water District

Meter Detail Report for Meter Type - Recycled

End Fiscal Year - 2024

EXHIBIT "B"

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total (AF)
BELLFLOWER-SOMERSET MUTUAL WATER CO	9.75	11.72	8.57	8.53	7.24	5.4	1.99	0.66	1.7	4.79	6.83	7.92	75.1
CALIFORNIA WATER SERVICE - EAST LOS ANGELES	2.87	3.24	3.39	2.95	2.72	2.39	1.54	0.92	0.89	1.17	2.23	2.78	27.09
CITY OF BELLFLOWER	0.71	1.09	0.58	0.79	0.48	0.19	0.47	0.37	0.25	0.59	0.82	0.59	6.93
CITY OF CUDAHY	0.18	0.15	0.17	0.06	0	0	0	0	0	0.02	0.26	0.25	1.09
CITY OF DOWNEY	106.92	84.42	73.47	66.67	43.29	26.87	11.69	3.69	15.47	33.31	61.53	79.38	606.71
CITY OF HUNTINGTON PARK	6.15	5.34	4.95	4.86	2.74	0.81	0.03	0.37	0	6.36	4.82	7	43.43
CITY OF LYNWOOD	1.62	2.31	1.42	1.25	1.11	0.66	0.21	0.28	0.19	0.27	1.11	0.97	11.4
CITY OF MONTEBELLO	0	0	0	0	16.12	16.12	5.82	0.51	3.3	17.54	20.44	36.47	116.32
CITY OF NORWALK	6.07	6.24	3.62	3.11	3.16	1.18	0.89	0.1	1.12	2.34	2.17	6.53	36.53
CITY OF PARAMOUNT	23.98	29.02	23.07	19.92	18.85	14.77	10.51	4.88	11.27	10.66	26.59	28.76	222.28
CITY OF PICO RIVERA	5.74	6.05	4.7	5.29	3.08	2.65	1.66	0.33	0.31	1.29	3.96	3.93	38.99
CITY OF SANTA FE SPRINGS	104.81	62.46	105.92	62.48	70.05	48.06	117.22	38.9	40.16	74.1	73.97	91.02	889.15
CITY OF SOUTH GATE	14.18	9.03	9.11	6.16	15.49	4.63	5.3	3.38	9.01	16.47	20.14	16.95	129.85
CITY OF VERNON	0	54.97	46.12	36.52	31.81	13.77	18.69	28.82	17.54	28.06	0	53.49	329.79
CITY OF WHITTIER	8.04	11.98	8.88	7.17	5.99	2.98	1.17	0.74	1.01	10.04	2.05	3.99	64.04
GOLDEN STATE WATER COMPANY	44.42	38.37	32.82	27.87	23.77	13.75	6.16	7.04	5.57	11.27	20.86	25.66	257.56
LIBERTY UTILITIES	27.26	29.06	23.59	16.61	13.03	14.37	6.3	2.34	5.08	14.76	20.54	27.92	200.86
LOS AMIGOS GOLF COURSE	44.55	36.07	25.03	21.53	20.56	8.13	1.34	0.06	0	15.84	31.76	31.81	236.68
Montebello Land & Water Company	3.79	0	4.47	0	2.82	0	1.09	0.08	0.37	0	4.09	0	16.71
PICO WATER DISTRICT	5.25	5.43	2.81	6.1	5.71	1.1	4.05	1.21	1.11	0.77	2.36	6.19	42.09
SAN GABRIEL VALLEY WATER CO	32.88	33.3	27.74	26.04	18.61	14.48	6.32	2.33	2.27	10.25	10.46	46.49	231.17
UPPER SAN GABRIEL VALLEY MWD	4.65	3.75	3.23	3.38	2.79	1.86	0.75	0.57	0.78	1.57	1.73	2.29	27.35
Grand Totals (AF)	453.82	434	413.66	327.29	309.42	194.17	203.2	97.58	117.4	261.47	318.72	480.39	3611.12

THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Theme, Guidelines and
Selection Criteria
Student Art Calendar Contest
"Being Water Wise Is …"
2026



2026 THEME AND GUIDELINES

1. The theme of the 2026 student art calendar contest is **"Being Water Wise Is …"** This means wise and efficient water use inside and outside of the home, at school, in the community, in business and industry, in agriculture, and in recreation. The importance of clean and reliable water to public health has been made even more clear over the past few years. Additionally, climate change is stressing Southern California's water supplies and we need to adapt. This theme of water conservation and stewardship should be reflected in the artwork.

2. Agencies may submit up to five art pieces per grade category: elementary (K- 5), middle school (6-8), and high school (9-12), and no more than 15 entries total.

   a. The submission deadline is **June 30, 2025**.

3. Metropolitan will only accept digital files of artwork. Upload artwork in a digital format to a **OneDrive Folder** setup **specifically for each agency**.

   a. Artwork should be scanned with the image setting of 300 dpi (dots per inch), set to TIFF (Tag Image File Format). Files must have a minimum resolution of 240 pixels per inch (240 ppi) or 5 megapixels (5 MP) in landscape format. You may want to contact your graphic, printshop or engineering departments for assistance with high resolution scanning.

   b. A Student Information Card (found at the end of this document) should clearly identify the associated art and be uploaded into your folder. The naming convention for the image should be: **StudentLastName-FirstName-Agency.tiff**.

   c. Please ensure that all names (Student/Teacher/School) are spelled correctly!

4. The instructions for submitting your files are as follows:

a. Contact Brian Martz (bmartz@mwdh2o.com) via email to request a customed **Link** for your agency.
b. Click on the **Link** to a "OneDrive" folder that has been setup specifically for your agency
c. Click "upload"
d. Click "files"
e. Select all images/documents to be uploaded
f. Upload
   1). Digital art file (student art pieces)
   2). Student Information Card
   3). Parent Approval form
g. Click "Open" at bottom right
h. All files are now uploaded into your folder
i. Notify Brian Martz, via e-mail, that files have been uploaded

5. If you submit a photograph of your artwork please retain any original art until you are notified of selected art pieces(s). If selected, we may request that you scan the image(s) at 300 dpi.

6. Metropolitan will select 36 images to be displayed and represented in the District's 2026 "Being Water Wise Is…" calendar and digital library. Selected artists will be honored at the recognition event in December (date TBD).

7. All art becomes the property of Metropolitan and the participating member/retail agency. Metropolitan and the participating agency have the right to use any selected art for the "Being Water Wise Is…" calendar, promotional items and/or for other public relations use. This includes but is not limited to Metropolitan's website, social media, and reproduction of copies on such items as t-shirts, stickers, postcards, etc.

ART SELECTION CRITERIA

All art media are eligible (print, digital, 3D sculpture, etc.) and **must** be submitted digitally. Each of these selection criteria **must** be followed in order to qualify for judging by Metropolitan.

8. For students who use digital notepads or drawing tablets, all artwork must be original. Do not submit artwork with traced, trademarked, or copyrighted slogans or characters (i.e. Snoopy, Sponge Bob, Dora the Explorer, etc.).

9. "Being Water Wise Is … " is the overall theme. A "short" water message may be included on the artwork (not necessarily the words of the theme/topic). The less text the better.

- A good example of stewardship is protecting the water from pollution or collecting rainwater in buckets and reusing it to water plants
- A good example of conservation is turning off the water while brushing your teeth and taking short showers

10. Artwork may depict climate change or various conservation and waterwise use:

    a. inside or outside of the home or school
    b. in industries or businesses
    c. in the environment (nature)
    d. in agriculture
    e. in recreation
    f. cleanliness/proper hygiene

11. Art with misspelled words will not be selected.

12. Bold, bright, brilliant colors show up the best. Students may use the following art media: computer generated digital art, crayons, markers, pencils, paints, watercolors, chalk, cut paper or fabric.

13. Metropolitan reserves the right to question or disqualify any artwork that is clearly not the work of the student based on their age and grade level.

ART SCORING CRITERIA

Art will be selected for the Metropolitan Art Calendar based upon four scoring criteria:

a. Adherence to Art Selection Criteria (as listed above)
b. Degree to which art addresses water conservation and stewardship
c. Level of originality (e.g. uniqueness, creativity)
d. Degree of visual and word clarity (e.g. the use of color, art media and/or text)

2026 Student Information Card

"Being Water Wise Is …" Student Art Contest

Student's First Name:				Grade Level:	
Student's Last Name					
Teacher's Name:		Teacher's Email:			
School District:		School Phone:			
School Name:					
Parent's Name:		Parent's Email:			
Parent's Home Address:					
Parent's Cell Phone					
Digital Filename:	**(example: StudentLastName-FirstName-Agency.tiff)**				

Submitting Agency:	
Contact Person(s):	

MWD Member Agency:	
Contact Person(s):	

Note: Please make sure all names and information are clearly written and spelled correctly. Include this document with your digital submission.

Student Artwork Rights / Parental Approval Form

Any submission becomes the property of the Metropolitan Water District of Southern California (Metropolitan) and the participating agency, and the submission may or may not be returned.

Metropolitan and the participating agency have the right to use any selected poster for its *"Being Water Wise Is…"* calendar and promotional items, and for any other Metropolitan public relations use. This includes but is not limited to Metropolitan's web site, social media, display of the original or copies of art at exhibit events and reproduction of copies on such items as t-shirts, stickers and postcards, etc.

____**Yes**, I approve of my child's artwork being featured in the Metropolitan 2026 calendar and on any non-profitable promotional education items.

____**No**, I do not approve of my child's artwork being featured in the Metropolitan 2026 calendar and on any non-profitable promotional education items.

Student's Name (please print) **Date**

Name of Parent/Guardian (please print)

Signature of Parent/Guardian **Date**

Figure 1

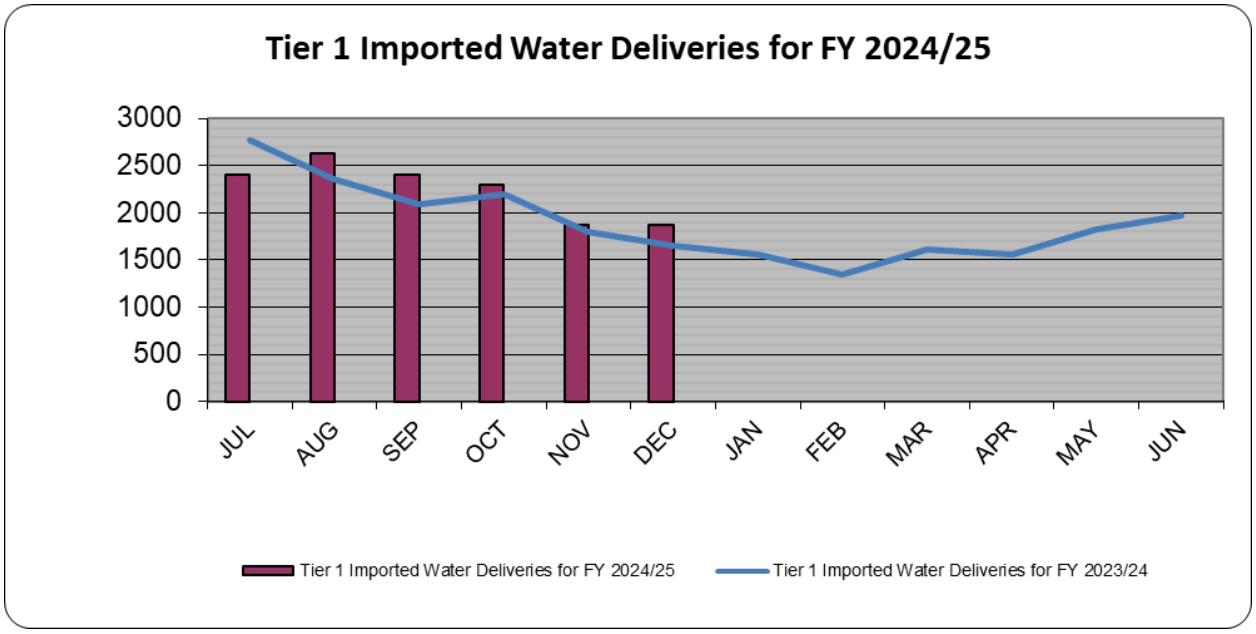


Figure 2

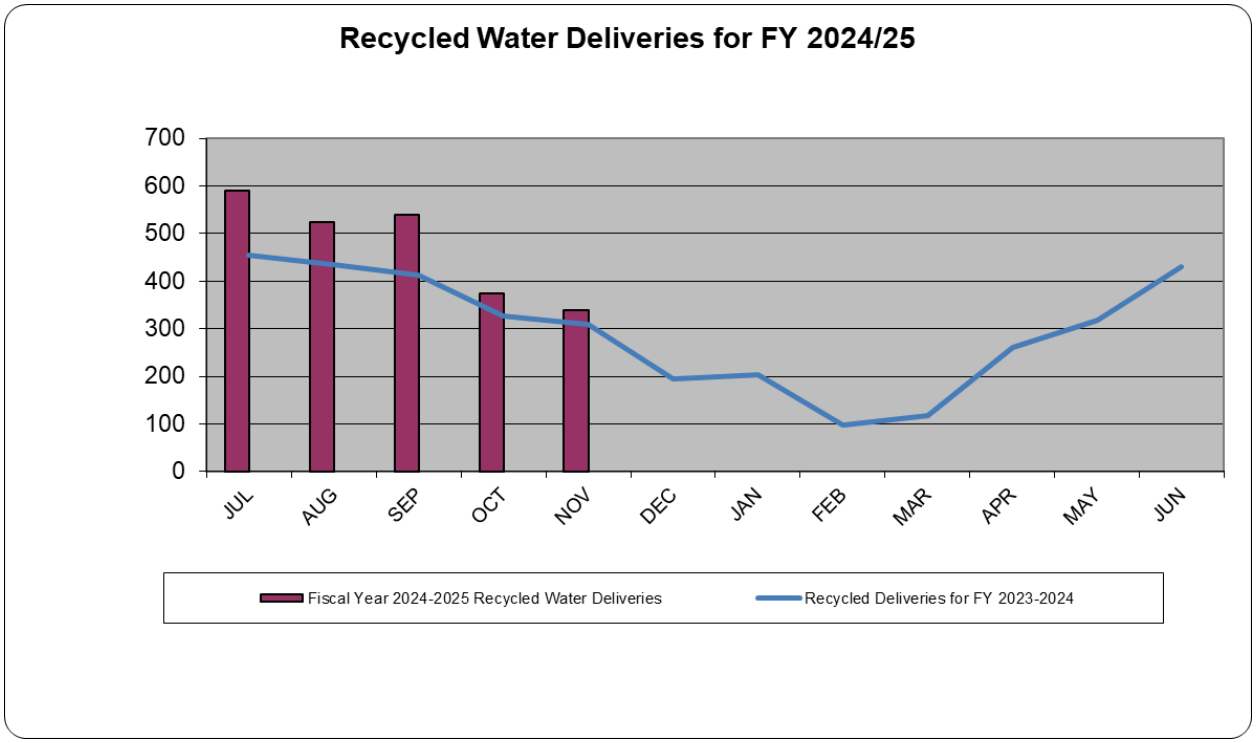


Figure 3

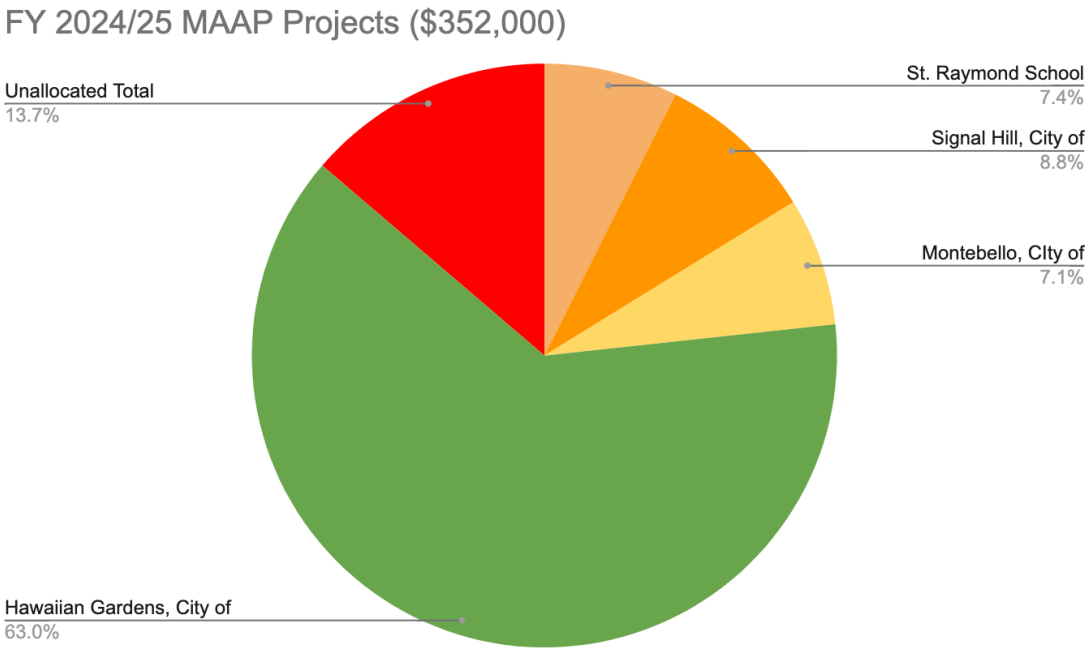
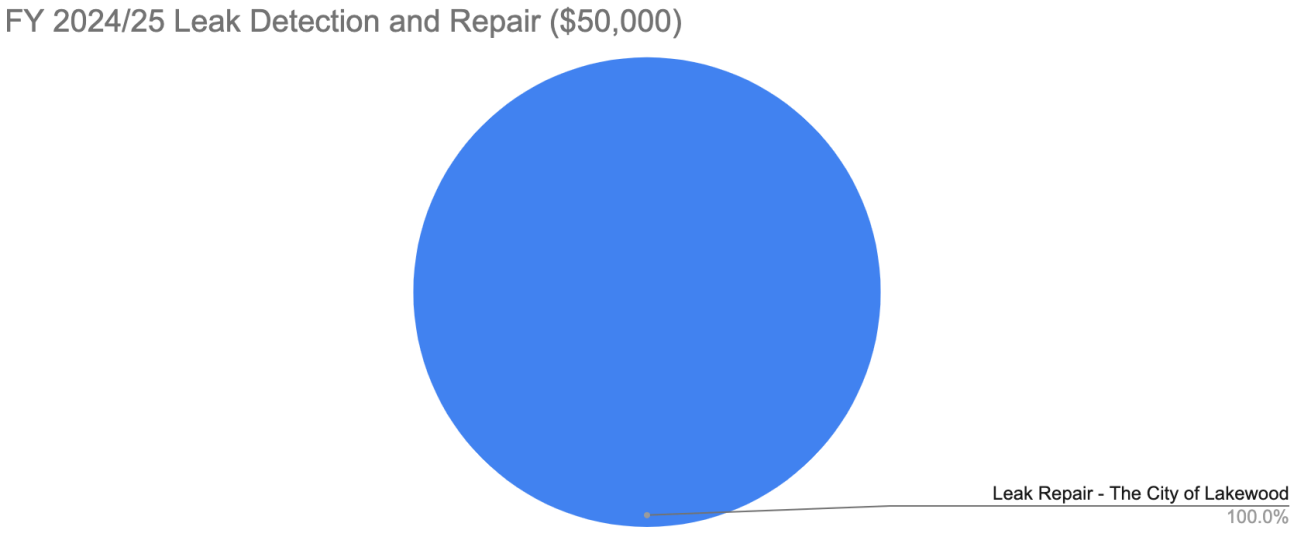


Figure 4



Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Robert Samario
Submitted By: Robert Samario
Approved By: Elaine Jeng

ACTION ITEM

DIRECTION ON ADDRESSING THE BILLING ERRORS BETWEEN JULY 2023 AND OCTOBER 2024

SUMMARY:

On January 27, 2025, staff informed the Central Basin Municipal Water District (District) Board of Directors (Board) that beginning in calendar year 2023, there have been discrepancies with respect to the (1) amounts billed to the District's purveyors, (2) the amounts reported on the published rate sheet, and (3) the actual rates as published by the Metropolitan Water District of Southern California (MWD) that are being charged to the District. These discrepancies apply to Capacity Charges, and the Readiness To Serve (RTS) charges. The correct rates were included in the staff memo dated January 27, 2025. The January 27, 2025 staff memo and attachments are included with this report. The correct rates were adopted by the Board at the December 16, 2024 meeting.

Discussing this matter, at the January 27, 2025 meeting, members of the Board took action to direct staff to refund the overbilling, and collect on the underbilling due to the discrepancies beginning in 2023. The refund would be completed in one payment. The collection of the underpayment would be implemented over a period of six months, beginning with the January 2025 water bill.

Immediately following the Board action, one of the Board members, Director Art Chacon noted that it would be a conflict of interest to have the purveyor appointed Directors vote on the matter. The Board directed the General Counsel to research this matter and determine if it would be a conflict.

The General Counsel's office searched the issue and determined that the appointed directors are placed on the governing board of the District by legislation and the intent is to have purveyors' perspectives when conducting the business of the District. The General Counsel's office determined that there is no conflict for the appointed directors (Directors Crawford, Moreno and President Ochoa) to vote on this matter.

This item is brought back to the Board to affirm the Board's previous action, directing the staff to refund the overbilling of water sales, and collect on the underbilling of water sales. The refund would be implemented over one payment. The collection would be implemented across five billings (February 2025 through June 2025).

Four agencies were overbilled a total of $15,425.94 for RTS charges: La Habra Heights Water District, Maywood Mutual No. 1, San Gabriel Valley Water Company, and the Water Replenishment District. One agency was overbilled $5,181.08 for Capacity charges: City of Paramount.

All other agencies were underbilled either for Capacity or RTS charges or both. The total underbilling is $239,933.97.

COMMITTEE STATUS:

This item was not discussed in committee. The matter was presented to the Board of Directors at the Special Board Meeting on November 13, 2024. The Board directed staff to inform the purveyors of staff's findings at the November 21, 2024 purveyor meeting. Staff discussed the matter with the purveyors again at the January 23, 2025 meeting.

RECOMMENDED MOTION:

That the Board refund the overbilling, and collect on the underbilling.

EXHIBITS:

Exhibit_A_January27-2025StaffMemoDirection_on_Billing_Errors.pdf
Exhibit_B_Summary_of_Under_and_Over_Billing_By_Purveyor.pdf

Central Basin Municipal Water District

January 27, 2025 – Board Meeting
Prepared by: Robert Samario
Submitted by: Robert Samario
Approved by: Elaine Jeng

ACTION CALENDAR

DIRECTION ON ADDRESSING THE BILLING ERRORS BETWEEN JULY 2023 AND OCTOBER 2024

SUMMARY

Each year, Central Basin Municipal Water District (District) adopts potable water rates that are used to charge its purveyor customers. The rates include those that are intended to recover the costs paid to Metropolitan Water District of Southern California (MWD) for potable water, capacity charges, and readiness to serve (RTS) charges. The District adds an administrative fee to amounts billed to the purveyors. For water sales, the administrative charge is currently $170 per acre-foot. For capacity and RTS charges, the overhead rate is 11.65% applied to the amounts charged by MWD.

Beginning in the calendar year 2023, there have been discrepancies with respect to: (1) the amounts billed to the District's purveyors, (2) the amounts reported on the published rate sheet, and (3) the actual rates as published by MWD that are being charged to the District. These discrepancies apply to Capacity Charges and the RTS Charges. Consequently, the corrected rates are included with this staff memo. The correct rates were adopted by the Board at the December 16, 2024 meeting..

A summary of the discrepancies is provided below for both Capacity Charges and RTS Charges.

Capacity Charges

Table 1 below summarizes the Capacity Charge based on MWD's published rates, the amounts in the District's published rate sheet, and the amounts actually billed by the District to its purveyors/customers. This data is provided for three effective dates: July 1, 2023, January 1, 2024, and July 1, 2024.

TABLE 1

	Effective July 1, 2023			Effective January 1, 2024			Effective July 1, 2024		
	Per MWD	Per CB Rate Sheet	Billed Rate	Per MWD	Per CB Rate Sheet	Billed Rate	Per MWD	Per CB Rate Sheet	Billed Rate
MWD Capacity Charge	$ 10,600.00	$ 10,600.00	$ 10,680.00	$ 11,200.00	$ 11,200.00	$ 10,309.32	$ 11,200.00	$ 11,200.00	$ 10,309.32
Number of CFs	54.10	54.10	54.10	54.10	47.10	54.10	54.10	47.10	54.10
Total MWD Charges	573,460.00	573,460.00	577,788.00	605,920.00	527,520.00	557,734.21	605,920.00	527,520.00	557,734.21
CB Admin (11.65%)	66,808.09	66,808.09	67,312.30	70,589.68	61,456.08	64,976.04	70,589.68	61,456.08	64,976.04
Total Billabe to Purveyors	$640,268.09	$ 640,268.09	$645,100.30	$676,509.68	$588,976.08	$622,710.25	$676,509.68	$588,976.08	$622,710.25
Total Monthly Charge	$ 53,355.67	$ 53,355.67	$ 53,758.36	$ 56,375.81	$ 49,081.34	$ 51,892.52	$ 56,375.81	$ 49,081.34	$ 51,892.52
# of CFS for Purveyors	104.05	104.05	97.25	94.35	94.35	94.35	94.35	94.35	94.35
Cost Per Unit	$ 512.79	$ 512.79	$ 516.67	$ 597.52	$ 520.20	$ 550.00	$ 597.52	$ 520.20	$ 550.00

Capacity charges are adjusted annually on January 1 of each year. The rate charged by MWD in the calendar year 2023 was $10,600 based on a volume of 54.1 cubic feet per second (cfs). MWD uses a 3-year average to calculate the cfs used to bill the District. However, the amount *billed* in the calendar year 2023 to each purveyor was based on the rate of $516.67 per cfs rather than $512.79 per cfs.

On January 1, 2024, MWD's rate increased to $11,200 based on 54.1 cfs. However, this was not the rate used by the District. Starting January 1, 2024, the amount the District used to bill purveyors increased to $550.00 per cfs, even though the correct billable amount was $597.52 per cfs.

Note that the rate sheet that was published by the District effective January 1 and July 1, 2024, used 47.1 cfs instead of 54.1 cfs. Thus, the calculations of the billable amounts July 1, 2024, was $520.20 per cfs instead of the correct rate of $597.52.

The incorrect billing rate of $550 per cfs continued until August 2024 (for July usage). Starting with the September 2024 billing (for August usage), the rates charged to purveyors were adjusted based on a corrected calculation to $597.52 per cfs.

Readiness to Serve (RTS) Charges

RTS charges change every 6 months on January 1 and July 1 of each year. Only recently did the District staff realize that the RTS charge changed twice in a calendar year.

On July 1, 2023, RTS charge per MWD was $17,660. See Table 2 below. The District's rate notice to the purveyors was inexplicably based on the amount $14,477 instead of $17,660. The incorrect amount of $14,474.83 was also used to calculate the charges to the District's purveyors.

TABLE 2

	Effective July 1, 2023			Effective January 1, 2024		
	Per MWD	Per CB Rate Sheet	Billed Rate	Per MWD	Per CB Rate Sheet	Billed Rate
Monthly Charge by MWD	$ 17,660.00	$ 14,477.00	$ 14,474.83	$ 31,681.00	$ 25,546.00	$ 14,474.83
Admin O/H (11.65%)	2,057.39	1,686.57	1,686.32	3,690.84	2,976.11	1,686.32
Total Amount Billable/Mo	$ 19,717.39	$ 16,163.57	$ 16,161.15	$ 35,371.84	$ 28,522.11	$ 16,161.15
6 Month Total	$118,304.34	$ 96,981.42	$ 96,966.89	$212,231.02	$171,132.65	$ 96,966.89

Again, for reasons unknown, the District's FY 23-24 Rate Sheet did not utilize the MWD rate of $31,681.00 on January 1, 2024, but instead used a lesser rate at $25,546.00. Even more perplexing is that, despite the information on the District's rate sheet, the District continued to use the $14,474.83 that went in effect on July 1, 2023 through June 2024.

As shown on Table 3 below, on July 1, 2024, the amount ***billed*** to purveyors was changed to $28,518.06 ($25,542.37 plus 11.65% overhead). This change assumed that the RTS charges remained constant for the entire calendar year when in fact, per MWD's notice, the rate changed to $29,057.00 (excluding overhead) effective July 1, 2024. On August 1, 2024, the District communicated with the purveyors via an email from Management Analyst Madeline Chan outlining the rate change to $28,518.06.

TABLE 3

	Effective July 1, 2024			Effective August 1, 2024		
	Per MWD	Per CB Rate Sheet	Billed Rate	Per MWD	Per CB Rate Sheet	Billed Rate
Monthly Charge by MWD	$ 29,057.00	$ 33,128.00	$ 25,542.37	$ 29,057.00	$ 29,057.00	$14,525.75
Admin O/H (11.65%)	3,385.14	3,857.76	2,975.69	3,385.14	3,385.14	1,692.25
Total Amount Billable/Mo	$ 32,442.14	$ 36,985.76	$ 28,518.06	$ 32,442.14	$ 32,442.14	$16,218.00
6 Month Total	$194,652.84	$221,914.53	$171,108.36	$194,652.84	$ 194,652.84	$97,308.00

As shown in Table 3 above, the rate being charged by MWD decreased to $29,057 effective July 1, 2024. Thus, beginning July 2024, the adjustment outlined in the District's August 1, 2024, communication with the purveyors should have used the correct amount of $32,442 (including overhead) per month. Unfortunately, the discrepancies between the amount being charged by MWD and what the District charged its purveyors is exacerbated by the fact that Central Basin's fiscal year 2024-25 rate sheet miscalculated the RTS charges. Central Basin's fiscal year 2024-25 rate sheet had the July 1, 2024, rate at $36,985.76 (including overhead) instead of $32,442.14 (including overhead).

As a result of the above, the District adjusted the billed rate starting with the September 2024 billing (for August 2024 usage), which was supposed to be to the correct rate of $32,442.14. However, it was adjusted to $16,218 (50% of the correct rate) as a result of a miscalculation of the RTS charge. Thus, rates were adjusted again with the November usage (billed in December).

A summary of the under and over billing by purveyor is provided in Exhibit A to this report.

Feedback from Purveyor Workshop

On Thursday, November 21, 2024, District staff conducted a budget workshop with Central Basin purveyors to share the proposed fiscal year 2024-25 budget, including the direction from the Board to perform a rate study, as well as the impacts of the billing errors starting in July 2023. They were advised that staff would seek directions from the Board on how to address the billing errors. Minimal feedback was received from the purveyors on the billing issues. A few agencies were appreciative that the District brought the issue to light.

RECOMMENDED MOTION:

Four agencies were overbilled a total $15,425.94 for RTS charges: La Habra Heights Water District, Maywood Mutual No.1, San Gabriel Valley Water Company, and the Water Replenishment District. One agency was overbilled $5,181.08 for Capacity charges: City of Paramount. Staff recommend that the Board consider refunding the overbilling amounts to the impacted agencies.

All other agencies were underbilled either for Capacity or RTS charges or both. Staff recommend that the Board consider invoicing the agencies for their share of the total $239,333.97 underbilling. Staff also recommend spreading the invoice over a six-month period.

EXHIBITS:

Exhibit A – Summary of Over and Under Billings by Purveyor

CENTRAL BASIN MUNICIPAL WATER DISTRICT
Summary of Billing Discrepancies
July 1, 2023 through October 31, 2024

	Capacity Under (Over)	RTS Under (Over)	Totals
California Water Service- East LA	$ 5,259.12	$ 45,431.11	$ 50,690.23
City of Bell Gardens	651.98	5,022.03	5,674.02
City of Cerritos	1,100.40	441.09	1,541.49
California Water Service- Commerce	2,080.98	-	2,080.98
City of Huntington Park	804.34	11,581.95	12,386.29
City of Lynwood	8,338.21	3,231.68	11,569.89
City of Montebello	-	3,090.23	3,090.23
City of Norwalk	869.18	3,637.80	4,506.98
City of Paramount	(5,181.08)	18,311.93	13,130.85
City of Santa Fe Springs	2,567.69	28,665.09	31,232.78
City of Signal Hill	3,966.23	5,548.96	9,515.19
City of Vernon	1,312.97	1,540.62	2,853.59
Golden State Water Co.	20,824.30	40,649.57	61,473.87
La Habra Heights Water District	1,633.61	(28.11)	1,605.50
Maywood Mutual No. 1***	170.15	(102.31)	67.84
Maywood Mutual No. 2***	386.70	276.78	663.48
Maywood Mutual No. 3***	108.28	-	108.28
Liberty Utilities (formerly Park Water Co.)	2,969.86	35,157.90	38,127.76
San Gabriel Valley Water Co.	556.85	(879.41)	(322.56)
Suburban Water Systems	1,616.69	2,036.73	3,653.42
Water Replenishment District	-	(14,416.11)	(14,416.11)
TOTALS	**$ 50,036.44**	**$ 189,197.53**	**$ 239,233.97**

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Madeline Chen
Submitted By: Madeline Chen
Approved By: Elaine Jeng

ACTION ITEM

NAME THE REORGANIZED COMMITTES: GOVERNMENT AND PUBLIC AFFAIRS COMMITTEE AND WATER RESOURCES, ENGINEERING, AND OPERATIONS COMMITTEE

SUMMARY:

In response to recommendations from the Water Resources and Governmental Affairs Committee, members recommended to separate the two subject matters Water Resources and Governmental Affairs. Staff presented the recommendation to the Board of Directors (Board) on January 27, 2025. The Board took action to reorganize the two existing committees to the following:

- Water Resources, Engineering and Operations Committee
- Governmental Affairs Committee

At the February 3, 2025, the Water Resources and Governmental Affairs Committee meeting, staff sought input on naming the Governmental Affairs Committee to better reflect its broad scope. Committee members recommended "Government and Public Affairs Committee" for Board consideration.

Staff also proposed the following alternative names:
- Government and Community Affairs Committee,
- Legislative and Public Affairs Committee,
- Government Relations and Public Affairs Committee,
- Community and Legislative Affairs Committee,
- Communications and Legislative Affairs Committee,
- Governmental Affairs and Strategic Engagement Committee, and
- Government and Public Initiatives Committee.

With Water Resources merging into the Engineering and Operations Committee, staff suggests the following names for the new committee:
- Engineering, Operations, and Water Resources Committee, and
- Engineering and Water Resources Committee.

The proposed committee names are intended to reflect their wide-ranging activities and responsibilities. Board Member feedback is encouraged to ensure the names align with each committee's mission and scope.

COMMITTEE STATUS:

This suggestion to split the Committee was initially raised by the Committee at the September 3, 2024 meeting by Directors Leticia Vasquez Wilson and Director Art Chacon. The

suggestion was raised in response to staff's request for feedback on the Pure Water Southern California Program. Director Chacon suggested splitting the Water Resources and Governmental Affairs Committee into two committees, assign the Pure Water Southern California Program to one of the two committees and have Mr. Roger Hernandez be part of the same committee. Mr. Roger Hernandez most recently provided governmental affairs services to the District via his company Calitica.

At the September 3, 2024 Water Resources and Governmental Affairs Committee meeting, the subject of splitting the committee was not on the agenda. Staff brought back the item to the Committee in November 2024. At the November 4, 2024 Committee meeting, the membership of the Committee changed because a new President of the Board of Directors was selected by the majority of the Board at the November 1, 2024 Special Board meeting. The new members of the Water Resources and Governmental Affairs Committee provided feedback to staff that they were agreeable to the suggestion to split the committee and directed staff to present the recommendation to the Board of Directors.

The topic was placed as an action item on the January 27, 2025 Board Meeting Agenda and the Board voted in favor of adding Water Resources to the existing Engineering and Operations Committee and having Governmental Affairs as its own standalone committee.

At the February 3, 2025, Water Resources and Governmental Affairs Committee meeting, staff sought input on renaming the Governmental Affairs Committee and President Nem Ochoa and Director Joanna Moreno recommended the name "Government and Public Affairs Committee" for Board consideration.

RECOMMENDED MOTION:

Discuss and approve names for the reorganized committees.

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Submitted By: President Nem Ochoa
Approved By: Elaine Jeng

ACTION ITEM

PRESIDENT'S COMMITTEE ASSIGNMENTS

SUMMARY:

The Central Basin Municipal Water District (District) Administrative Code (Code), Part 2 Administration, Article 3 Powers and Duties, 3.3 Duties and Role of Board Officers states that the President shall "Appoint members to committees of the Board of Directors and assign chairperson responsibilities, and announce the committee and chairperson appointments at the next regular Board meeting after making such appointment."

The President's committee assignments for 2025:

Administration and Finance Committee
a. Chair Director Juan Garza
b. Member President Nem Ochoa
c. Member Vice President Gary Mendez
d. Alternate member Director Joanna Moreno

Water Resources, Engineering & Operations Committee
a. Chair Director Jim Crawford
b. Member Director Joana Moreno
c. Member Director Leticia Vasquez Wilson
d. Alternate member Director Art Chacon

Government and Public Affairs Committee
a. Chair Vice President Gary Mendez
b. Member Director Art Chacon
c. Member Director Joanna Moreno
d. Alternate member Director Leticia Vasquez Wilson

President Ochoa took into consideration other assignments of the members. For example, Director Garza and Director Crawford are representatives to the Board of the Metropolitan Water District of Southern California (MWD). Director Garza is also the Vice Chair of the MWD Board. President Ochoa and Vice President Mendez have officer roles on the Board for the District.

President Ochoa wishes to have the Board discuss his proposed assignments and provide feedback on his proposal. The final committee assignment would take effect beginning in March 2025. The first committee meeting is on Monday, March 3, 2025.

RECOMMENDED MOTION:

The Board President recommends that the members discuss his proposal and provide feedback.

EXHIBITS:

Tables1-2_Committee_Assignments.pdf

TABLE 1

2025 PRESIDENT OCHOA'S COMMITTEE ASSIGNMENTS				
COMMITTEES	**Chair**	**Member**	**Member**	**Alternate**
1 Administration and Finance Committee	Garza	Ochoa	Mendez	Moreno
2 Water Resources, Engineering and Operations Committee	Crawford	Moreno	Wilson	Chacon
3 Government and Public Affairs Committee	Mendez	Chacon	Moreno	Wilson

TABLE 2

2025 TOTAL ASSIGNMENTS				
BOARD MEMBER	**A&F**	**W,E&O**	**G&PA**	**OTHER**
1 Arthuro Chacon		Alternate	Member	
2 Gary Mendez	Member		Chair	District Board Vice President
3 Jim Crawford		Chair		MWD Rep
4 Joanna Moreno	Alternate	Member	Member	
5 Juan Garza	Chair			MWD Rep and MWD Board Vice Chair
6 Leticia Vasquez Wilson		Member	Alternate	
7 Nem Ochoa	Member			District Board President

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Veronica Gray
Submitted By: Victor Ponto
Approved By: Elaine Jeng

ACTION ITEM

CONSIDERATION REGARDING KEEPING OF MINUTES FOR DISTRICT BOARD MEETINGS AND DISTRICT COMMITTEE MEETINGS

RECOMMENDED MOTION:

The Board consider this matter and provide direction to the Interim General Manager.

EXHIBITS:

Board Report - Meeting Minutes - Feb. 2025_F.docx

Central Basin Municipal Water District

FEBRUARY 24, 2025 – Board Meeting
Prepared by: Veronica Gray, Deputy General Counsel
Submitted by: Victor Ponto, General Counsel
Approved by: Elaine Jeng, General Manager

ACTION ITEM

CONSIDERATION REGARDING KEEPING OF MINUTES FOR DISTRICT BOARD MEETINGS AND DISTRICT COMMITTEE MEETINGS

SUMMARY:

Recently, two Board Members have inquired as to whether the District is legally required to keep written minutes of the District's Board Meetings and Committee Meetings. The short answer is no, but we recommend the District keep minutes.

ANALYSIS:

1. What constitutes a committee?

The Brown Act uses the term "legislative body," which includes committees, both permanent or temporary, decision-making or advisory, created by charter or a formal action of the Board. However, advisory committees composed of Board members that are less than the quorum of the Board are not legislative bodies unless the advisory committee is a standing committee. (Gov. Code 54952(b)). A standing committee is a body with either: a continuing subject matter jurisdiction OR meetings scheduled by charter, ordinance, resolution, or other formal action by the Board. (Gov. Code 54952(b).).

Exhibit D of the Administrative Code outlines three committees that are standing committees and subject to the Brown Act: Water Resources & Governmental Affairs Committee, Engineering and Operations Committee, and Administrative and Finance Committee. It does not appear that the District has any ad hoc committees that are exempted from the Brown Act. Currently, all three of the District's committees are subject to the Brown Act.

2. Any Brown Act obligations related to written minutes?

The Brown Act does not explicitly require meeting minutes. However, Gov. Code Section 54956.5(e) assumes legislative bodies take meeting minutes by requiring the publication of minutes from emergency meetings for at least 10 days. The Brown Act permits local agencies to keep minutes of closed session discussions but does not require it. (Gov. Code 54957.2). Facially, the Brown Act does not require the meeting minutes; but it is likely expected that the District retain minutes.

Secondly, Gov. Code 54953, requires legislative bodies to "publicly report any action taken and the vote or abstention on that action of each member present for the action." This section likely interpreted to only require open and public voting during the meeting considering the next section is the prohibition of secret ballots.

In addition, Gov. Code 53232.3, requires members of a legislative body to report on meetings attended where the member receives reimbursement or payment for their attendance. The report is required to happen at the next regularly scheduled Board meeting. This statute likely requires members that are on the Finance Committee and receive a per diem for the Finance Committee meetings, as an example, to report to the entire Board what was said during the Finance Committee meeting. It's unlikely that this statute requires meeting minutes.

Although meeting minutes may not be explicitly required, we recommend the District Board and Committees keep meeting minutes due to the Brown Act's assumption of public agencies keeping minutes and the requirements to publicly report actions and votes of the Board and committee meetings. Meeting minutes are a helpful way to satisfy the reporting requirements.

3. Can the Administrative Code be amended such that the committees are not Brown Act bodies, and if so, does that mean the District need not produce minutes?

It's unlikely that the Administrative Code can exempt the District's current committees from the Brown Act, but it can exempt future non-legislative bodies. If the District creates a non-standing advisory committee composed of Board members that are less than the quorum of the Board, then the District can exclude it from the Brown Act by amending the Administrative Code. (Gov. Code 54952 (definition of "legislative body" applicable to the Brown Act). A standing committee is a body with either: a continuing subject matter jurisdiction OR meetings scheduled by charter, ordinance, resolution, or other formal action by the Board. (Gov. Code 54952(b).). However, the current committees are subject to the Brown Act regardless of the text of the Administrative Code because they are standing committees.

Even with the current committees being subject to the Brown Act, they are not required to produce meeting minutes. However, we recommend, at least, the Board keep minutes.

FISCAL IMPACTS:

This District entered into a contract with Administrative Concepts, LLC for $25,0000. Pursuant to this contract, the vendor provides written minutes for all District Board Meetings and Committee Meetings.

COMMITTEE STATUS:

This matter came up at the Engineering & Operations Committee meeting on January 8, 2025, and it was requested that this be brought before the Board for discussion and consideration.

RECOMMENDED MOTION:

The Board consider this matter and provide direction to the General Manager.

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Stephanie Gutierrez
Submitted By: Victor Ponto
Approved By: Elaine Jeng

ACTION ITEM

ADOPTION OF RESOLUTION 02-24-1072 ESTABLISHING AUTHORITY FOR BOARD MEMBER COMPENSATION DONATION TO QUALIFIED ORGANIZATIONS AND RECOGNIZED ENTITIES THAT ACTIVELY AND EFFECTIVELY ENHANCE AND/OR COMPLEMENT THE SERVICES THAT THE DISTRICT PROVIDES

RECOMMENDED MOTION:

That the Board adopts Resolution No. 02-24-1072 providing all Directors the ability to donate their compensation.

EXHIBITS:

Board Report - Reso - Donation of Board Compensation - Feb. 2025_F.docx
Exhibit A Reso 02-24-1072 Donation of Board Compensation - Feb. 2025_F.docx

Central Basin Municipal Water District

FEBRUARY 24, 2025 – Board Meeting
Prepared by: Stephanie Gutierrez, Assistant General Counsel
Submitted by: Victor Ponto, General Counsel
Approved by: Elaine Jeng, Interim General Manager

ACTION ITEM

ADOPTION OF RESOLUTION NO. 02-24-1072 ESTABLISHING AUTHORITY FOR BOARD MEMBER COMPENSATION DONATION TO QUALIFIED ORGANIZATIONS AND RECOGNIZED ENTITIES THAT ACTIVELY AND EFFECTIVELY ENHANCE AND/OR COMPLEMENT THE SERVICES THAT THE DISTRICT PROVIDES

SUMMARY:

The District's Board of Directors (Board) President Nem Ochoa was appointed to the Board in September 2024. President Ochoa was appointed to represent all the water purveyors within the District's service area and works for Golden State Water Company. Since appointment, President Ochoa has declined to accept compensation (per diem) as authorized by Government Code Section 20201. In late November 2024, Golden State Water Company inquired with the District's General Counsel on a proposal to have President Ochoa accept per diem and donate the compensation to charities.

PER DIEM COMPENSATION AND GIFT OF PUBLIC FUNDS:

Per the Central Basin Municipal Water District (District) Administrative Code (Admin Code), Chapter 9 Director's Code of Conduct:

> "It is the policy of the District to compensate its Directors for the time they dedicate to advancing the projects and activities of the District. Directors shall be compensated for each day's attendance at meetings of the Board and committees thereof, or for each day's work at direction of the Board, not to exceed a total of 10 days in any calendar month."

Additionally, as a special district, the District has the general authority to compensate board members for attendance at meetings under the California Government Code. The District has members of the Board of Directors that have accepted compensation and others that have declined compensation. However, the District would like all members of its Board to have the ability to donate.

As proposed, the Resolution would allow board members to allocate their stipend to “qualified organizations and recognized entities that actively and effectively enhance and/or complement the District’s programs, services, goals, interests or mission.” This term is further defined in the resolution (and detailed below) to ensure appropriate allocation consistent with the District’s interests.

Article XVI, Section 6 of the California Constitution prohibits a public agency from making any gift of public funds or from lending its public credit to any person. Article XVI, Section 6 also prohibits a public agency from becoming a stockholder in any private corporation.

California courts have, however, created a fairly broad "public purpose" exception to the prohibition, allowing California public agencies significantly greater flexibility than that allowed to public agencies in many other states. Under the "public purpose" exception, a transaction is not prohibited by Article XVI, Section 6 if there is a significant "public purpose," even if there is incidental benefit to private individuals. Further, courts generally defer to legislative findings of public purpose if they are reasonable.

In order to prevent concerns of a gift of public funds, the charitable allocation is limited to certain qualified entities. The resolution provides the allocation may be made to "qualified organizations and recognized entities that actively and effectively enhance and/or complement the District's programs, services, goals, interests or mission" which shall include:

1) Private or public agencies created to provide one or more specific services to the communities within the jurisdiction of the Central Basin Municipal Water District, including but not limited to programs that foster sustainable, innovative utility management; or

2) Any charitable organization, that meets all of the following criteria:

    a. That is a 501(c)(3) organization; and
    b. That furthers the mission, goals or interests of the District, including but not limited to community education, outreach and engagement and improving community relations between the District and community at large; and
    c. That benefits the community served by the District.

FISCAL IMPACTS:

The adopted Fiscal Year 2024-2025 budget includes compensation for all directors. There is no fiscal impact should the Board decide to adopt resolution 02-24-1072.

COMMITTEE STATUS:

This item was reviewed by the Administration and Finance Committee on February 13, 2025.

RECOMMENDED MOTION:

That the Board adopts Resolution No. 02-24-1072 providing all Directors the ability to donate their compensation.

EXHIBITS:

Exhibit "A" – Resolution No. 02-24-1072

RESOLUTION NO. 02-24-1072

A RESOLUTION OF THE CENTRAL BASIN MUNICIPAL WATER DISTRICT AUTHORIZING MEMBERS OF THE BOARD OF DIRECTORS TO DONATE COMPENSATION PROVIDED PURSUANT TO CALIFORNIA GOVERNMENT CODE SECTION 20201

WHEREAS, Central Basin was formed by the California Legislature under the Municipal Water District Law of 1911 (Water Code Section 71000);

WHEREAS, Central Basin is a governmental agency authorized under Section 71000 of the California Water Code for the purpose of providing an adequate supply of water within its service area; and

WHEREAS, as a special district, Central Basin has the general authority to compensate board members for attendance at meetings under the California Government Code but limited by statutes specific to particular types of districts, which prescribe rates and conditions; and

WHEREAS, members of the Board of Directors desire to authorize issuance of their secured compensation to qualified organizations and recognized entities that actively and effectively enhance and/or complement the services that the District provides and the District's goals, interests or mission; and

WHEREAS, the District endeavors to improve the quality of lives of the peoples in the service area.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Central Basin Municipal Water District hereby authorizes members of the Board of Directors to allocate compensation individually received pursuant to California Government Code Section 20201 and Central Basin Administrative Code Section 1.24 to qualified organizations and recognized entities that actively and effectively enhance and/or complement the District's programs, services, goals, interests or mission.

"Qualified organizations and recognized entities that actively and effectively enhance and/or complement the District's programs, services, goals, interests or mission" shall include:

1) Private or public agencies created to provide one or more specific services to the communities within the jurisdiction of the Central Basin Municipal Water District, including but not limited to programs that foster sustainable, innovative utility management; or

2) Any charitable organization, that meets all of the following criteria:
    a. That is a 501(c)(3) organization; and
    b. That furthers the mission, goals or interests of the District, including but not limited to community education, outreach and engagement and improving community relations between the District and community at large; and
    c. That benefits the community served by the District.

BE IT FURTHER RESOLVED that such allocation shall be reviewed and authorized by the General Manager to ensure compliance with the criteria set forth above.

PASSED, APPROVED AND ADOPTED this 24 day of February 2025 by the following vote:

_____
Nem Ochoa
Board President

ATTEST:

_____
Board Secretary/Board Clerk

APPROVED AS TO FORM:

_____
Victor Ponto
General Counsel

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Prepared By: Braden Yu
Submitted By: Braden Yu
Approved By: Elaine Jeng

ACTION ITEM

APPROVE A NEW PROJECT FOR A RECYCLED WATER DEMAND STUDY

SUMMARY:

The Central Basin Municipal Water District (CBMWD) is a wholesale water provider that supplies imported water and recycled water to its customers. The District serves 27 imported water customers and 23 recycled water customers, including cities, mutual water companies, investor-owned utilities, and private companies in southeast Los Angeles County.

To optimize capital investments, the District has developed Recycled Water Master Plans in 2000, 2008, and 2016. As part of its long-term planning efforts, District staff will recommend updating the 2016 Master Plan in the Fiscal Year 2026 Budget.

In preparation for this update, staff propose expediting the process by launching a new Recycled Water Demand Study as an initial phase of the 2026 Master Plan. This study will:

- Identify potential recycled water users adjacent to existing infrastructure.
- Identify high-demand recycled water users (5 AFY or more) within the service area.
- Estimate potential recycled water demand (high/low projections).

Upon completion, the study will serve as a key component of the 2026 Recycled Water Master Plan and provide a strategic roadmap for developing new recycled water projects. Additionally, it will support customer outreach efforts aimed at converting potable water users to recycled water.

PROCUREMENT PROCESS:

If approved, staff will develop and issue an request for proposal (RFP) for the preparation of a Recycled Water Demand Study and advertise this project in PlanetBid.

FISCAL IMPACTS:

Staff recommends that the Board approve a budget transfer in the amount of $100,000 from the Headquarter Building Renovation Project that was budgeted for $400,000 from GL 80-800-80103 to GL 80-800-80101. Any remaining fund will be utilized for the future 2026 Recycled Water Master Plan.

RECOMMENDED MOTION:

Approve a new project for a Recycled Water Demand Study and authorize a budget transfer in the amount of $100,000 from the Headquarters Building Renovation Project.

EXHIBITS:

RWMP_2016-Tetra_Tech.pdf

Central Basin
Municipal Water District

Recycled Water Facilities Plan 2016 Update



TETRA TECH

April 2017

Recycled Water Facilities Plan 2016 Update

April 2017

PREPARED FOR

Central Basin Municipal Water District
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PREPARED BY

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Tetra Tech Project #135-10949-15001

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1. INTRODUCTION

Central Basin Municipal Water District (CBMWD) recognizes the need to identify infrastructure improvements by formulating, refining, and updating long-range recycled water (RW) system plans. The last update to their Recycled Water Facilities Plan was in 2011, approximately five years ago. In addition, an analysis was performed on the East Los Angeles area that updated potential users and evaluated alternatives to serve those users. This 2016 Update of the Recycled Water Facilities Plan prepared by Tetra Tech, Inc. uses the 2011 Update of the Recycled Water Facilities Plan as the basis and revises demand projections, alternatives to serve those projected demands, and provides a new analysis to recommend improvements. The 2011 Update was prepared by HDR, Inc., and some of those exhibits are reproduced herein.

CBMWD operates an existing RW system. In fiscal year 2009-2010, this system delivered approximately 4,320 acre-feet (AF) to customers within CBMWD's service area. In an effort to provide an alternative water source and conserve potable water resources, CBMWD proposes to expand its RW system. This RWFP incorporates new data that have been gathered since the 2011 RWFP and contains a market assessment of potential customers and analysis of system expansion necessary to deliver RW under future conditions.

In an effort to move towards a sustainable water future and meet the State Water Resources Control Board (SWRCB) mission to "preserve, enhance and restore the quality of California's water resources to the benefit of present and future generations," this 2016 RWFP is intended to analyze existing infrastructure and potable water usage and to evaluate potential expansions of CBMWD's RW service area. This document is also designed to summarize and update much of the information presented in the prior planning document (Recycled Water Master Plan Update, 2011).

In addition to providing an alternative water source, CBMWD recognizes the long-term benefits of utilizing RW to conserve the limited resource of potable water and increase CBMWD's overall supply reliability. This planning effort identifies key components to achieving CBMWD's goals of fully utilizing all RW available, offsetting the demand for potable water, and lowering peak demands on the domestic water system in the summer months. This 2016 RWFP includes a recommended implementation plan for future expansion of the RW system. As such, this RWFP's key objectives include:

- Assessment of existing recycled water usage.
- Identification of large potable water users with potential for RW conversion, including potential "anchor" customers.

- Development of the hydraulic network model to evaluate existing and future RW system.
- Recommendations for RW system expansion and associated construction costs.

Additionally, the 2016 RWFP assembles the above key objectives with the outline and topics suggested by SWRCB's facility planning grant program, resulting in a report that satisfies both CBMWD and SWRCB requirements. Chapters include the following:

- Introduction – This chapter provides project background and describes the study area, water supply sources, and wastewater characteristics.
- Recycled Water Market – This chapter discusses the existing system and customers; market assessment procedures, and potential customers (types and demand).
- Project Alternative Analyses – This chapter focuses on hydraulic model updates, planning and design assumptions, and improvement alternatives.
- Recommended Facility Project Plan – This chapter uses the hydraulic model results and develops a capital improvement program (CIP), cost estimates, and implementation plan based on those results.
- Construction Financing Plan and Revenue Program – This chapter evaluates the financial viability of the CIP based on internal revenues, projected rebates, and other funding sources.

A. STUDY AREA CHARACTERISTICS

The study area for this RWFP primarily encompasses the Central Basin, which covers an area of about 270 square miles in the Los Angeles County Coastal Plain. The Central Basin is part of the Los Angeles Coastal Plain. The Central Basin is bounded to the northwest by the Santa Monica Mountains, to the southeast by the San Joaquin Hills and Santa Ana Mountains and to the west by the Newport-Inglewood Fault Zone and the West Coast Basin and to the northeast by the Whittier Fault Zone. The CBMWD's service area includes 24 cities and unincorporated areas of Los Angeles, covering a total of 227 square miles. Reference Figure 1-1, a map of CBMWD's service area.

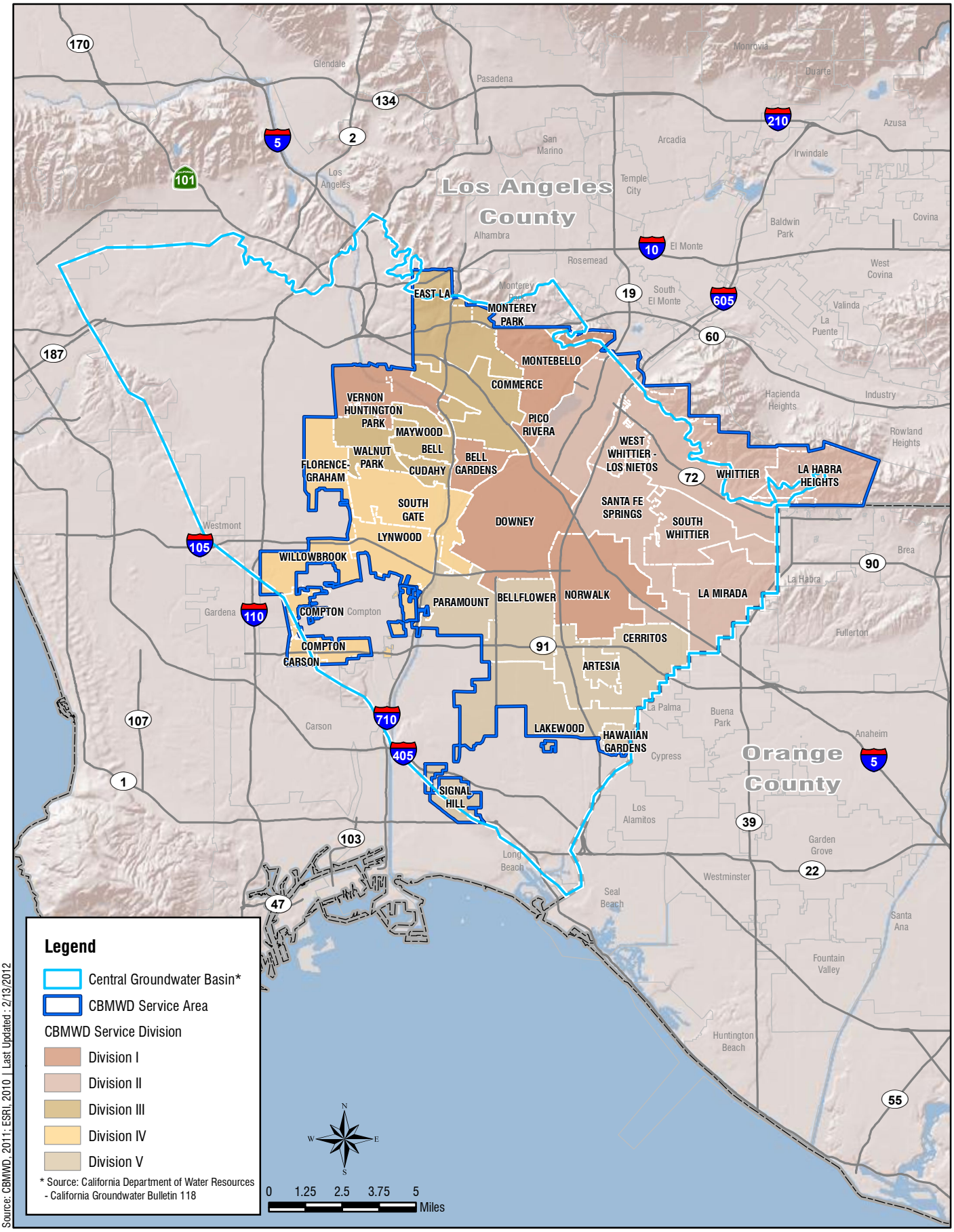
I. Hydrologic Features

Surface water hydrology within CBMWD's service area includes flow of surface water systems, including (but not limited to) watersheds, floodplains, rivers, streams, lakes, and reservoirs. The term "watershed" refers to an area of land within which all waterways drain to one specified outlet, or body of water such as a river, lake, ocean or wetland. All precipitation that occurs within a given watershed area will eventually drain into the same body of water. Nationally, the United States Geological Survey (USGS) and National Resources Conservation Services (NRCS) are leading the effort to map all of the watersheds in the United States called the Watershed Boundary Dataset (WBD). The San Gabriel River, Dominguez, and

Los Angeles River Watersheds traverse and contribute surface water flow within CBMWD's service area. Reference Figure 1-2 for a map of all three watersheds and hydrologic features within the study area.

San Gabriel Watershed

The San Gabriel watershed is 635 square miles and drains into the San Gabriel River from the San Gabriel Mountains. Major tributaries to the San Gabriel River include Walnut Creek, San Jose Creek, Coyote Creek, and numerous storm drains entering from the 19 cities that the San Gabriel River passes through. Channel flows pass through different sections in the San Gabriel River, diverting from the riverbed into four different spreading grounds, held behind several rubber dams for controlled flow and ground water recharge, and controlled through 10 miles of concrete channel bottom from below Whittier Narrows Dam to past Coyote Creek. The Rio Hondo, a tributary to the river, branches from the San Gabriel River just below Santa Fe Dam north of the Basin and flows westward to the Whittier Narrows area.

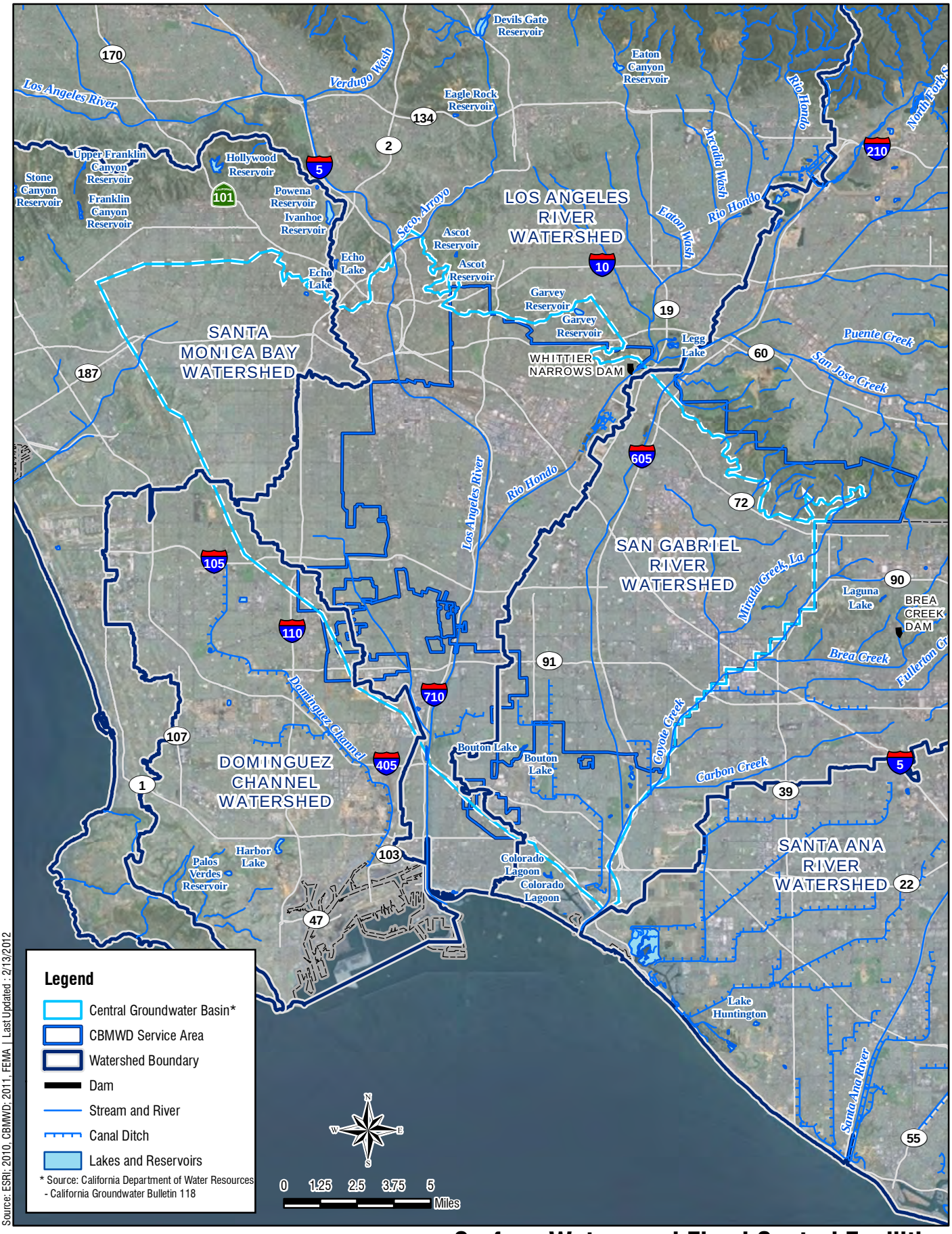


Source: CBMWD, 2011; ESRI, 2010 | Last Updated : 2/13/2012

CBMWD Service Area

FIGURE 1-1

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Source: ESRI; 2010, CBMWD; 2011, FEMA | Last Updated : 2/13/2012

Surface Waters and Flood Control Facilities

FIGURE 1-2

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At Whittier Narrows, portions of the flow from the San Gabriel River are conveyed to the Rio Hondo, which then joins the Los Angeles River. Major flood control and water resource management facilities located along the San Gabriel River include Cogswell Dam, San Gabriel Dam, Morris Dam, Santa Fe Dam, and Whittier Narrows Dam.

Los Angeles River Watershed

The Los Angeles River Watershed is 834 square miles. The eastern portion spans from the Santa Monica Mountains to the Simi Hills and in the west from the Santa Susana Mountains to the San Gabriel Mountains. The watershed encompasses and is shaped by the path of the Los Angeles River, which flows from its headwaters in the mountains eastward to the northern corner of Griffith Park. Here the channel turns southward through the Glendale Narrows before it flows across the coastal plain and into San Pedro Bay near Long Beach. At Whittier Narrows, portions of the flow from the San Gabriel River are conveyed to the Rio Hondo, which then joins the Los Angeles River.

The Los Angeles River has evolved from an uncontrolled, meandering river providing a valuable source of water for early inhabitants to a major flood protection waterway.

Dominguez Watershed

The Dominguez Watershed is located within the southern portion of Los Angeles County, California and is 133 square miles. Approximately 93 percent of the land is developed. Residential development covers nearly 40 percent of the watershed, and another 41 percent is made up by industrial, commercial and transportation uses. With a population of nearly 1 million, considerable demands are made on infrastructure and services within the watershed. The Dominguez Channel flows from the City of Hawthorne and empties into the East Basin of the Port of Los Angeles.

Dams and Spreading Facilities

The San Gabriel River traverses CBMWD's service area and is part of an extensive network of channels, dams, and spreading grounds used for flood control and water conservation. Los Angeles County Department of Public Works (LACDPW) and the United States Army Corps of Engineers (USACE) are the two primary agencies responsible for operating these facilities. Originally constructed primarily for flood control, many of these dams are now also operated for water conservation (groundwater recharge) in conjunction with the spreading grounds located along the River. LACDPW operates the spreading basins that receive water from the San Gabriel River. Stormwater is captured and spread into the Basin at two spreading ground areas:

- Rio Hondo Channel – Rio Hondo Spreading Grounds
- San Gabriel River – San Gabriel and San Gabriel Coastal Spreading Grounds

Stormwater that falls upstream of the spreading grounds and the Central Basin Groundwater Basin is captured in the San Gabriel Dam, Santa Fe Dam, and Whittier Narrows Dam. The San Gabriel and Santa Fe dams are on the San Gabriel River. The Whittier Narrows dam is on the Rio Hondo channel. These dams are managed by the USACE as flood control facilities. LACDPW and USACE have cooperative agreements where USACE will operate the dams as water conservation facilities when flood control releases are not necessary. Under these conditions, USACE will release water to the spreading grounds to infiltrate the water into the groundwater system.

The Rio Hondo spreading grounds, San Gabriel spreading grounds, and San Gabriel coastal spreading grounds are in an area called the Montebello Forebay. In this area, the aquifers are hydraulically-connected vertically and there are minimal confining layers so water can flow from the spreading grounds downward recharging the deeper aquifers in the Central Pressure Area.

There is also a forebay on the Los Angeles River (called the Los Angeles Forebay) that has similar hydrogeologic characteristics. This forebay, however, has no spreading facilities and has been largely paved (including the Los Angeles River) through urban development. Figure 1-3 shows the location of the forebays within Central Basin. These forebay zones are the only locations where water that is infiltrated at the surface will enter a drinking water aquifer and be available for pumping at a production well. Outside the forebay zones, water must be injected into the aquifers. Reference Table 1-1 for a listing of tributary water body characteristics.

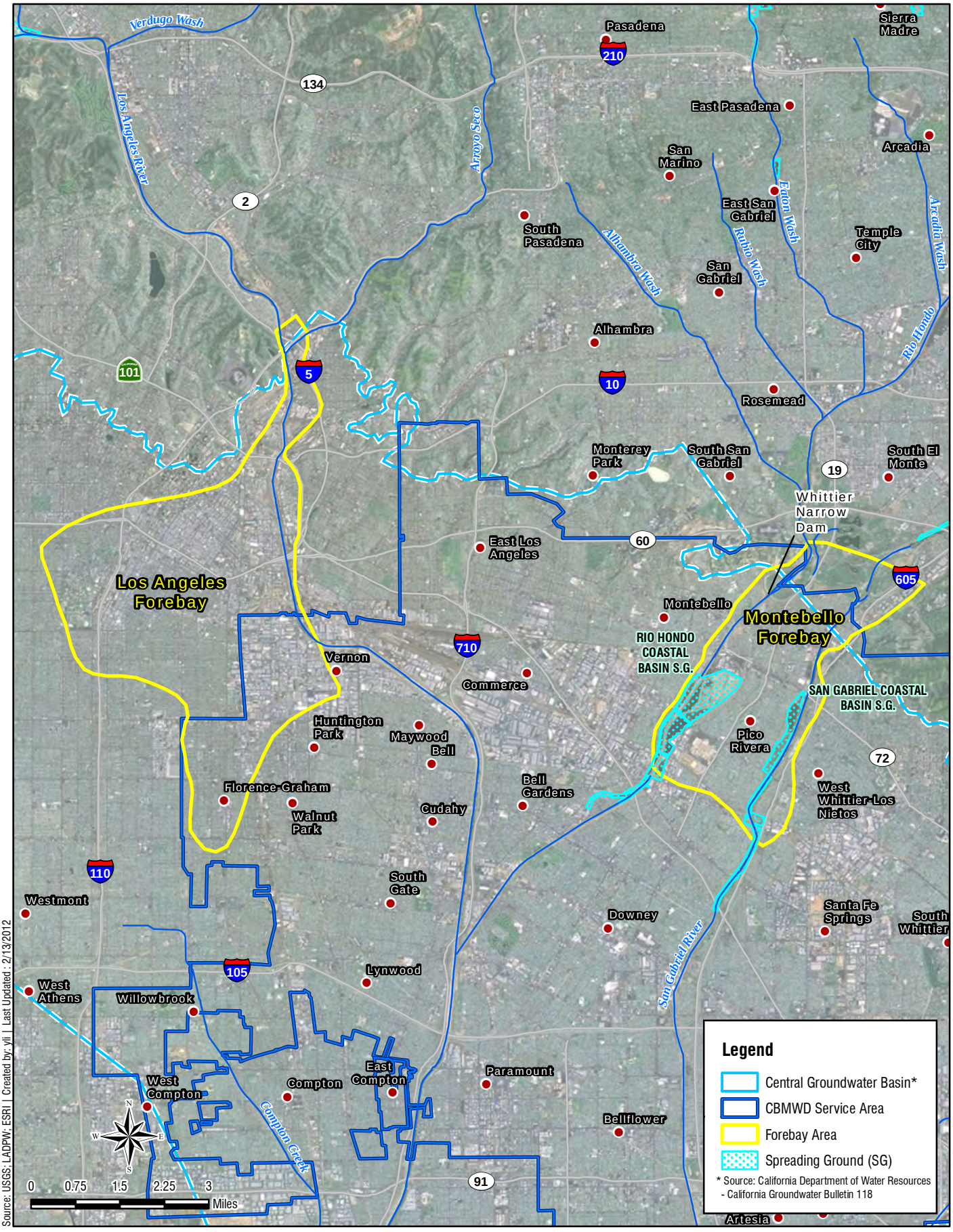
II. Water Quality

As referenced in the 2010 Draft Urban Water Management Plan, water quality regulations are an important factor in CBMWD's water management activities. Metropolitan Water District of Southern California (MWD) is responsible for complying with state and federal drinking water regulations for imported water sold in Central Basin. Cities and water agencies to which CBMWD sells imported water are responsible for ensuring compliance in their individual distribution systems up to the customer's water meter.

Through the Cooperative Basin-Wide Title 22 Groundwater Quality Monitoring Program, CBMWD assisted water agencies in wellhead and reservoir sample collection, water quality testing and reporting services. In 2007, the program was transferred to the Water Replenishment District (WRD) who compiles and publishes an annual water quality report.

Groundwater in the Central Basin is continually monitored because of its susceptibility to seawater intrusion, potential contamination from adjacent basins and migration of shallow contamination into deeper aquifers. The Alamitos Barrier, located in the southwest portion of CBMWD's service area, provides a buffer between the groundwater basin and seawater intrusion. The available supply of replenishment water to physically recharge the Basin

includes imported water as well as local storm water flows from the San Gabriel Valley. Flow obligations under the San Gabriel River Judgment with the Upper Area of the Central Basin define this as "make-up water." Replenishment water via imported water source is purchased from MWD to be used for surface spreading at the Montebello Forebay and for seawater barrier injection at the Alamitos Barrier. Recycled water is purchased from the Los Angeles County Sanitation Districts (CSDLAC) for spreading and injection.



Source: USGS; LADPW; ESRI | Created by: ytl | Last Updated : 2/13/2012

Forebay Zones

FIGURE 1-3

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Table 1-1 Channel Widths, Capacities, and 100-year Flood Discharges

Channel Locations	Invert Width (feet)	Channel Capacity (cfs)	100-year Discharge (cfs)	Flow Velocitiy (feet per second)
San Gabrial River Segment (from north to south)[1]				
Santa Fe Dam - Walnut Creek	216-312	41,000	32,800	
Walnut Creek - San Jose Creek	400-450	60,000	49,000	
San Jose Creek - Whittier Narrows	N/A	98,000	70,700	
Whittier Narrows - San Gabriel River Parkway	240-640	13,100	5,000	
San Gabriel River Parkway - Beverly Boulevard	240-640	13,500	12,200	
Beverly Boulevard - Whittier Boulevard	240-640	13,300	12,800	
Whittier Boulevard[4]	240-640	13,100	13,400	
Washionton Boulevard - Slauson Avenue	240	14,700	14,000	
Slauson Avenue - Telegraph Road	240	16,700	14,600	
Telegraph Road - Florence Avenue	240	18,800	15,200	
Florence Avenue - Imperial Highway	160-240	19,000	15,800	
Imperial Highway - Compton Boulevard	80-160	18,900	16,500	
Compton Boulevard - Coyote Creek	80-90	20,000	17,200	
Coyote Creek - San Diego Freeway	240	58,800	55,900	
San Diego Freeway - 7th Street[4]	240	51,100	55,500	
7th Street - Ocean	240-164	55,600	55,000	
Los Angeles River[2]				
Arroyo Calabasas-Bell Creek Confluence to Sepulveda Basin	45-115			20-29
Sepulveda Basin	60			15
Sepulveda Dam to Confluence with Tujunga Wash	45-60			20-25
Tujunga Wash to Barham Boulevard	60-160			30-34
Barham Boulevard to Burbank Western Channel	130			30
Burbank Western Channel to Taylor Yard				15-19
Taylor Yard				15-20
Taylor Yard to 1st Street				> 30
1st Street to Washington Boulevard (Downtown)	100-160			30
Dominguez Channel[3]				
116th Street, Hawthorne	74.1		9,539	10.8
Lemoli Street, Hawthorne	89.9		10,599	10.5
Alondra Park, Los Angeles	85.9		14,132	16.1
Western Avenue, Gardena	85.9		14,343	16.4
Vermont Avenue, Los Angeles	100.1		14,555	5.3
Del Amo Boulevard, Carson	100.1		16,287	5.6
Carson Street, Carson	100.1		16,569	5.6

Souces: [1]Program Environmental impact report, San Gabriel River master plan, June 2006

[2] Los Angles River Revitalization Master Plan [3] Dominguez Watershed Management Master Plan

[4] Channel segments with capacities below the 100-year discharge

Groundwater Quality

In general, the quality of most water in the study area is suitable for industrial and public supply. Total dissolved solids (TDS) concentrations are low throughout most of the aquifers, often less than 500 mg/L. Concentrations are lower, and less variable, in water sampled from wells in the Central Basin in comparison to the West Coast Basin. Similarly, chloride concentrations are low throughout most of the freshwater aquifers, commonly less than 50 mg/L. In some portions of the Basin, manganese and iron concentrations exceed the drinking water limit. For water from deeper or distal wells (on the basis of field observations), hydrogen sulfide gas is inferred to be present.

TDS concentrations ranged from 181 to more than 12,000 mg/L. Water throughout much of the Basin contains less than 500 mg/L TDS. In general, TDS concentrations decrease with increasing depth and with increasing distance from forebay areas. In some areas, such as the Whittier Area, near the Palos Verdes Hills, and especially along the coast, TDS concentrations exceed 1,000 mg/L in wells perforated in both the Upper and Lower aquifer systems. The median value for TDS in water from wells in the Upper aquifer systems of the Central Basin is 443 mg/L. Most water in the first quartile of this group is not located in the forebay areas, but is similar to native water in the Montebello (225-300 mg/L) and Los Angeles (275–350 mg/L) Forebays (Poland, 1956). Upgradient from the study area in the San Gabriel and San Fernando Valleys, water in shallow monitoring wells 1S/11W-25D1 and 1N/13W-28L1 contained relatively low TDS concentrations, 392 and 331 mg/L, respectively. The median value for TDS in water from wells perforating the Lower aquifer systems of the Central Basin is 359 mg/L. Some of the lowest observed TDS concentrations in the study area occur in the Central Basin Pressure Area, particularly in the Lower aquifer systems near Lakewood and Long Beach, where concentrations are as low as 181 mg/L (4S/12W-5H5). High outlying concentrations in wells in the Central Basin represent water sampled from wells in the Whittier Area (3S/11W-2K4 and 2K5) or near the coast (5S/12W-1E1, 4S/12W-25G5).

Surface Water Quality

Water bodies within the CBMWD service area are tributary to stormwater runoff generated when precipitation from rain and snowmelt events flows over land or impervious surfaces and does not percolate into the ground. As the runoff flows over the land or impervious surfaces (paved streets, parking lots, and building rooftops), it accumulates debris, chemicals, sediment or other pollutants that could adversely affect water quality if the runoff is discharged untreated. The primary method to control stormwater discharges is the use of best management practices (BMPs). In addition, most stormwater discharges are considered point sources and require coverage under a National Pollutant Discharge Elimination System (NPDES) permit.

The Los Angeles Regional Water Quality Control Board (Regional Board) establishes water quality standards for the Los Angeles Region in its Water Quality Control Plan, commonly known as the Basin Plan. The Basin Plan presents designated beneficial uses for surface and ground waters and numeric and narrative water quality objectives necessary to support the beneficial uses. Table 1-2 summarizes the designated beneficial uses for water bodies within the study area. Beneficial uses for the San Gabriel Valley, Central, and West Coast groundwater basins are municipal and domestic supply, industrial service supply, industrial process supply, and agricultural supply (all designated as existing beneficial uses).

Section 303(d) of the Clean Water Act (CWA) requires that "Each State shall identify those waters within its boundaries for which the effluent limitations are not stringent enough to implement any water quality standards applicable to such waters." The CWA also requires states to establish a priority ranking for water bodies that qualify them for the 303(d) list of impaired water bodies and establish a total maximum daily load (TMDL) for such waters. A TMDL is a calculation of the maximum amount of a pollutant that a water body can receive and still meet water quality standards, and an allocation of that amount to the pollutant's sources. Table 1-3 summarizes TMDLs for water bodies within the study area.

III. Population Projections

CBMWD's service area encompasses 227 square miles in southeast Los Angeles County. The service area includes 24 cities. There are 39 retail water agencies that include cities, water agencies, publicly-owned mutual water companies and other publicly regulated utilities. This service area includes some of the most densely populated areas in Los Angeles County. According to the Southern California Area Governments (SCAG) 2008 Regional Transportation Plan and the MWD demographics data, Central Basin has grown from 1.4 million people in 1990 to approximately 1.65 million people today.

Based on SCAG and MWD demographic projections, population is expected to increase an average of 2 percent every 5 years for the next 25 years, or one half of one percent annually. By 2035, CBMWD's population is expected to grow by about 155,000 people. Table 1-4 displays the demographic projections for the next 25 years.

Table 1-4 also displays CBMWD's total households, which are expected to increase by 10 percent (or about 44,000) by 2035. As it relates to water demand, more households will increase the demand on water supplies. As for employment, CBMWD is expected to see a 6.9 percent increase by 2035. As urban employment grows, so does the demand on water supplies.

Table 1-2 Beneficial Uses of Major Water Features within the Study Area

Water Bodies		Municipal and Domestic Supply	Industrial Service Supply	Industrial Process Supply	Agricultral Supply	Groundwater Recharge	Water Contact Recreation	Non-Contact Water Recreation	Warm Freshwater Habitats	Cold Freshwater Habitats	Wildlife Habitats	Rare, Thretened, or Endangered Species	Wetland Habitat
WATERSHED	Hydro. Unit No.	MUN	IND	PROC	AGR	GWR	REC-1	REC-2	WARM	COLD	WILD	RARE	WET
SAN GABRIEL RIVER WATERSHED													
San Gabriel River	405.43	E	E	E	E	E	E	E	E	E	E		
Tributaries													
San Jose Creek	405.41	P*				I	Pm	I			E		
Coyote Creek	405.15	P*	P	P			Pm	I	P		P	E	
Reservoirs and Flood Control Basins													
Whittier Narrows Dam	405.41	P*				E	E	E	E		E	P	
DOMINGUEZ CHANNEL WATERSHED													
Dominguez Channel	405.12	P*					Px	E	P		P	E	
LOS ANGELES RIVER WATERSHED													
Los Angeles River	405.21	P*	P			E	E	E	E		E		E
Compton Creek	405.15	P*				E	Es	E	E		E		E
Rio Hondo to Spreading Grounds	405.15	P*				I	lm	E	P		I		
Rio Hondo below Spreading Grounds	405.15	P*				I	Pm	E	P		I		

E: Existing beneficial use P: Potential beneficial use l: Intermittent beneficial use E, P, and I shall be protected as required

Footnotes:

m: Access prohibited by Los Angeles County Department of Public Works in the concrete-channelized areas.

s: Access prohibited by Los Angeles County Department of Public Works

x: Owner prohibits entry

* Asterixed MUN designations are designated user SB 88-63 and RB 89-03. Some designations may be considered for exemptions at a later date.

Source: Water Quality Control Plan Los Angeles, LARWQCB, 1994

Table 1-3 Total Maximum Daily Loads (TMDLs) for Water Bodies

	LSPC* Modeled Existing Loding by Watershed (1995-2005)					
	Dominguez Channel		Los Angeles River		San Gabriel River	
Contaminant	Percent of Total Loding	Average Daily Load (kg/day)	Percent of Total Loding	Average Daily Load (kg/day)	Percent of Total Loding	Average Daily Load (kg/day)
Wet Conditions						
Sediment	5.6%	1.88E+05	72.0%	2.79E+06	1.9%	4.90E+05
Total Copper	4.3%	3.58E+01	81.1%	7.85E+02	2.1%	7.51E+01
Total Lead	3.0%	2.08E+01	71.5%	5.67E+02	2.2%	1.15E+02
Total Zinc	5.0%	3.56E+02	72.2%	5.89E+03	20.2%	1.02E+03
Total DDT	9.2%	2.20E-02	89.5%	2.46E-01	0.7%	1.15E-03
Total PAH	8.0%	2.04E+00	70.2%	2.07E+01	16.1%	2.95E+00
Total PCB	2.3%	1.38E-02	97.5%	6.86E-01	0.1%	3.11E-04
Dry Conditions						
Sediment	0.7%	8.57E+01	19.0%	2.27E+03	80.1%	1.01E+04
Total Copper	2.6%	2.56E-01	48.7%	4.69E+00	40.8%	4.18E+00
Total Lead	0.9%	3.48E-02	19.8%	7.86E-01	72.9%	3.07E+00
Total Zinc	0.9%	5.65E-01	30.4%	1.90E+01	62.6%	4.15E+01
Total DDT	7.7%	1.90E-05	83.0%	2.01E-04	9.3%	2.38E-05
Total PAH	6.8%	7.06E-02	62.7%	6.39E-01	30.4%	3.29E-01
Total PCB	1.8%	1.06E-05	97.1%	5.59E-04	1.1%	6.43E-06

Foot Note:

* LSPC: Loading Simulation Program in C++

Source: Amendment to the Water Quality Control Plan - Los Angeles Region to incorporate the
Total Maximum Daily Load for Toxic Pollutants in Dominguez Channel and Greater
Los Angeles and Long Beach Harbor Waters
Adopted by the California Regional Water Quality Control Board, Los Angeles Region on May 5, 2011

Table 1-4. Demographic Projections for CBMWD's Service Area

Year	2010	2015	2020	2025	2030	2035
Population	1,654,866	1,689,064	1,720,700	1,751,519	1,781 ,368	1,809,737
Single-family	301,186	307,330	312,886	316,725	320,367	322,932
Multi-family	126,269	131,390	136,352	140,535	144,721	148,425
Total Household	427,455	438,720	449,238	457,260	465,088	471,357
Persons per Household	3. 87	3.84	3.83	3.83	3.83	3.84
Employment	553,727	563,417	569,641	591 ,700	584 ,740	592,147

a) Information provided by MWD Demographic Data, October 2009, which is based on SCAG 2008 Transportation Plan.

The key factors that affect water demand are growth in population, increases in land use development, industrial growth and hydrology. However, since the end of the 1989-92 droughts, retail water demand in CBMWD's service area has remained fairly consistent despite population growth at an average rate of 10,350 persons per year and continued in-fill development in the service area. CBMWD's service area total water use in FY 2009-10 was 288,450 AF (including RW deliveries). Total retail demand was 228,155 AF.

Total water use within CBMWD's service area includes retail demand and groundwater replenishment deliveries. Total retail demand is defined as all municipal (i.e., residential, firefighting, parks, etc.) and industrial uses. This represents the population's total direct water consumption including RW, but not including replenishment. Groundwater replenishment activities include deliveries to the San Gabriel River Spreading Grounds and Rio Hondo Spreading Grounds (in Pico Rivera), which are not directly delivered to the public but enable continued groundwater production to help satisfy retail demand. In May 2007, MWD curtailed deliveries of imported replenishment water due to drought conditions. In FY 2009-10, due to falling groundwater levels CBMWD began delivering higher cost imported water for replenishment purposes. Figure 1-4 displays CBMWD's total retail water demand from FY 1995 to 2010.

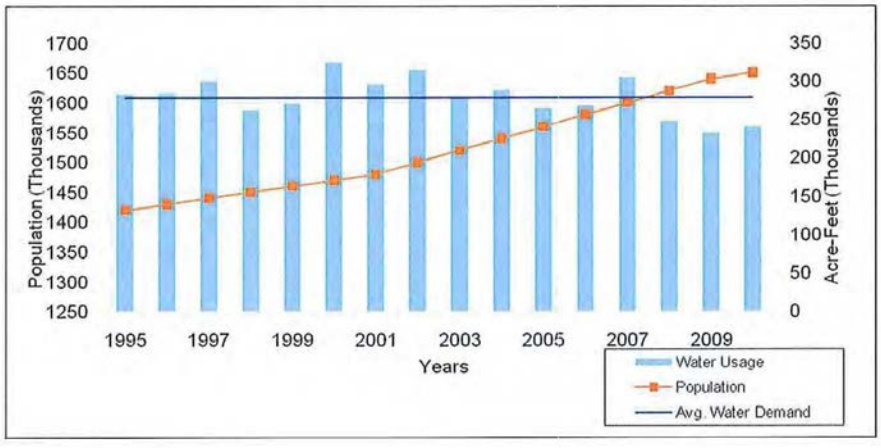


Figure 1-4. CBMWD's Historical Total Retail Water Demand vs. Population

B. WATER SUPPLY CHARACTERISTICS AND FACILITIES

CBMWD was established in 1959, and wholesales water to its member cities, mutual water companies, investor-owned utilities and private water companies. CBMWD purchases its potable supplies from MWD via the Colorado Aqueduct and sources in Northern California to service its 39 customers and purveyors with imported potable water.

CBMWD's customer agencies in turn supply water for a variety of municipal, industrial, and recreational uses. Collectively, CBMWD annually supplies approximately 60,000 AF of imported water to approximately 2 million people within its 227 square mile service area—a region that extends across 24 cities and unincorporated parts of Los Angeles County (See Figure 1-5). CBMWD is subdivided into 5 Divisions shown in Table 1-5.

Table 1-5. CBMWD's Service Area Districts

CBMWD Districts	Region Areas
Division 1:	1. Bell Gardens 2. Downey 3. Montebello 4. Pico Rivera - West Whittier-Los Nietos
Division II:	5. La Habra Heights 6. La Mirada 7. Norwalk 8. Santa Fe Springs 9. Whittier/South Whittier
Division III:	10. Bell 11. Commerce 12. Huntington Park 13. Maywood 14. Vernon 15. Cudahy - Portions of Monterey Park - Unincorporated areas of East Los Angeles and Walnut Park
Division IV:	16. Lynwood 17. South Gate - Communities of Florence-Graham and Willowbrook - And portions of Compton and Carson
Division V:	18. Artesia 19. Bellflower 20. Cerritos 21. Hawaiian Gardens 22. Lakewood 23. Paramount 24. Signal Hill

CBMWD member cities, mutual water companies, investor-owned utilities and private water companies within the CBMWD service area are shown in Table 1-6.

Table 1-6. CCBMWD Recycled Water Purveyors

#	Recycled Water Purveyor
1	Bellflower Home Garden Water Co.
2	Bellflower-Somerset Mutual Water Co.
3	California Water Service Co.
4	City of Bellflower Municipal Water System
5	City of Bell Gardens
6	City of Cerritos
7	City of Commerce
8	City of Downey
9	City of Huntington Park
10	City of Lakewood
11	City of Lynwood
12	City of Montebello
13	City of Norwalk Municipal Water System
14	City of Paramount
15	City of Pico Rivera
16	City of Santa Fe Springs
17	City of Signal Hill
18	City of South Gate
19	City of Vernon
20	City of Whittier
21	County LA - Rancho Los Amigos
22	Golden State Water Co.
23	La Habra Heights County Water District
24	Lynwood Park Mutual Water Co.
25	Maywood Mutual Water Co. No. 1
26	Maywood Mutual Water Co. No. 2
27	Maywood Mutual Water Co. No. 3
28	Midland Park Water Trust
29	Montebello Land & Water Co.
30	Orchard Dale Water District
31	Park Water Co.
32	Pico Water District
33	San Gabriel Valley Water Co.
34	Sativa L.A. County Water District
35	South Montebello Irrigation District
36	Suburban Water Systems
37	Tract 180 Mutual Water Co.
38	Tract 349 Mutual Water Co.
39	Walnut Park Mutual Water Company

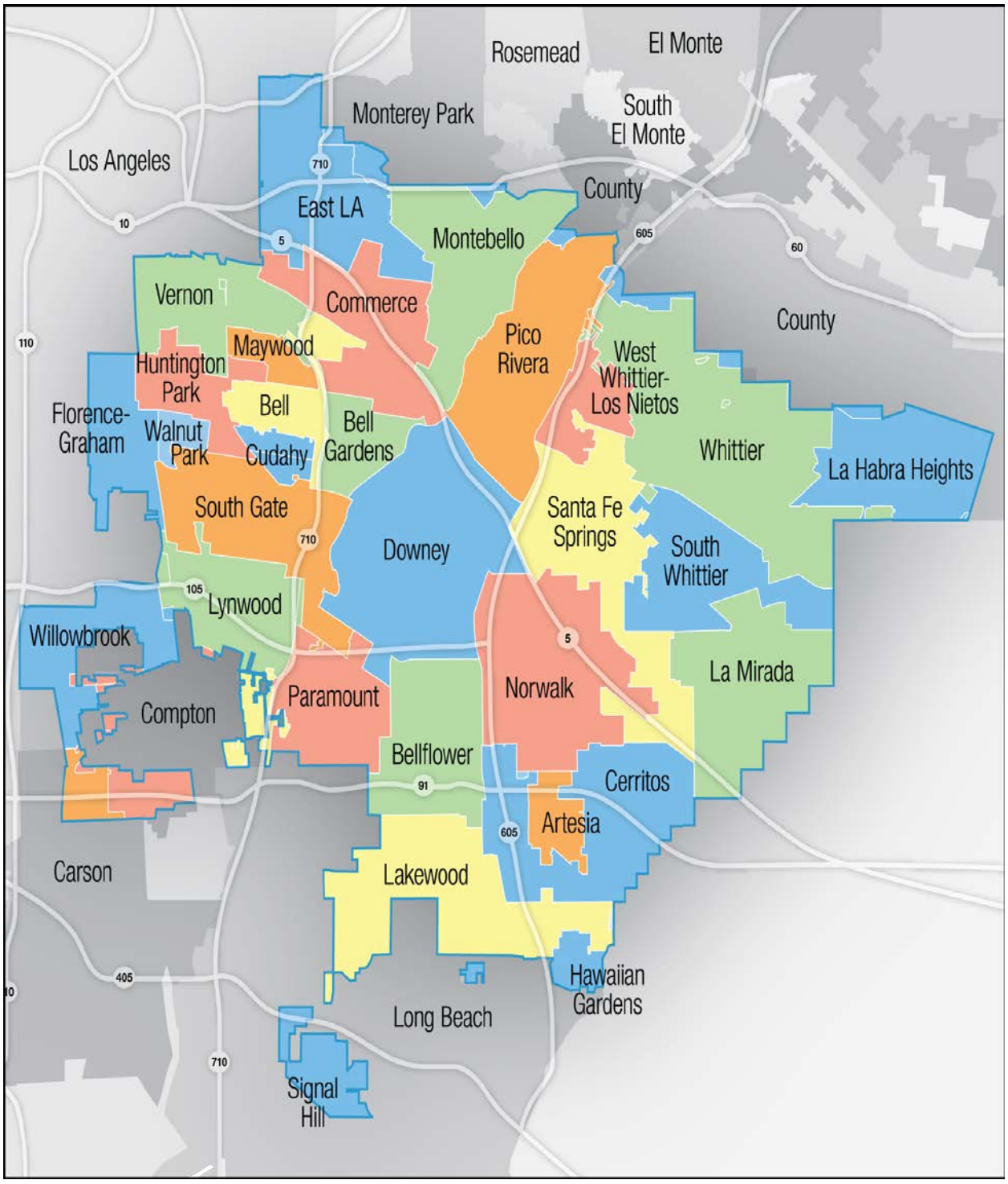


Figure 1-5. CBMWD Service Area (Member Cities and Unincorporated Areas of Los Angeles County)

C. WASTEWATER CHARACTERISTICS AND FACILITIES

RW is purchased from CSDLAC to sell within its service area and beyond. CSDLAC operates six water recycling plants in the Los Angeles Basin. These combined systems produce approximately 457 million gallons per day (MGD) of effluent of which approximately one-third is available for municipal and industrial use. CBMWD purchases a portion of this RW from two reclamation plants: Los Coyotes Water Reclamation Plant (WRP) and San Jose Creek WRP (reference Figure 1-6). These plants provide approximately 100 MGD of tertiary-treated (Title 22) water for distribution.

RW can be used as a supply source primarily in two ways: to replace potable water used for non-potable demands (e.g., irrigation, commercial and industrial processes) and to augment groundwater storage (groundwater replenishment or recharge) in turn supplied to a potable water system (indirect potable reuse).

Currently, CBMWD lessens the demand for potable water use throughout their service area for landscape irrigation and industrial uses by conveying RW to customers near existing RW pipelines.

I. Recycled Water for Direct Use

CBMWD's existing RW program is comprised of two major distribution systems:

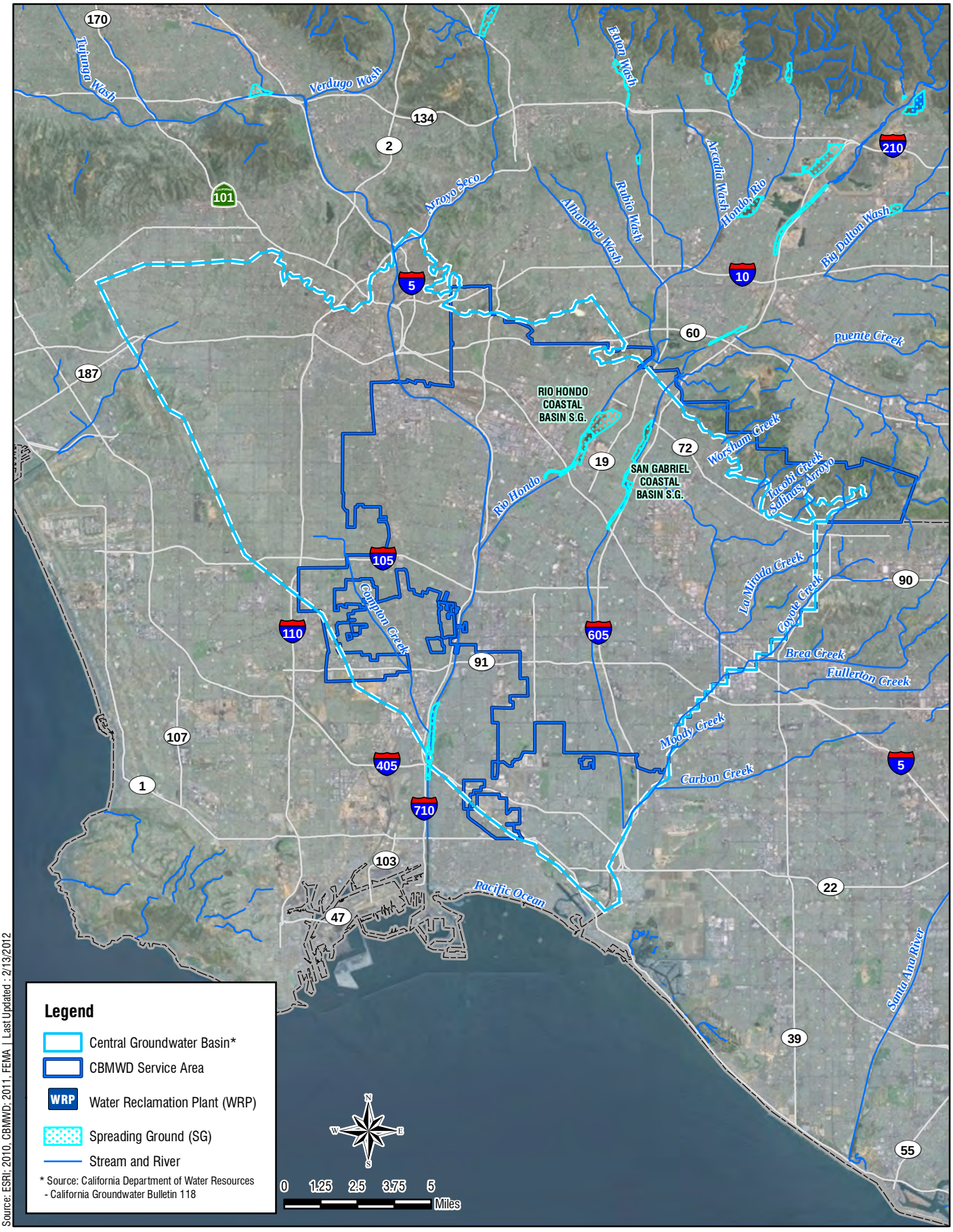
- E. Thornton Ibbetson Century Water Recycling Project
- Esteban Torres Rio Hondo Water Recycling Project

The Ibbetson Century Project began delivering RW in 1992 and delivers tertiary-treated RW from the CSDLAC's Los Coyotes WRP and serves the cities of Bell, Bellflower, Bell Gardens, Compton, Cudahy, Downey, Huntington Park, Lakewood, Lynwood, Norwalk, Paramount, Santa Fe Springs, South Gate, and Vernon. The water recycling system was extended in 1994 into the northern portion of CBMWD's service area. This extension, known as the Torres Project, delivers tertiary-treated RW from CSDLAC's San Jose Creek WRP to the cities of Pico River and Whittier, in addition to all cities served by the Los Coyotes WRP. The two projects are collectively known as the Central Basin Water Recycling Project (Project). The Project currently provides approximately 4,200 acre-feet per year (AFY) of RW in its service area to over approximately 234 customers. In addition to these existing active projects, CBMWD has an additional RW project, Southeast Water Reliability Project (SWRP), which came online in late May 2011.

II. Recycled Water for Indirect Use (Groundwater Recharge)

Two different applications are commonly used for groundwater recharge reuse projects (GRRP):

- Infiltration/percolation through surface spreading



Water Reclamation Plants

FIGURE 1-6

HDR
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Surface spreading basins are large, shallow ponds filled with a blend of diluent water, such as stormwater or surface water, with tertiary effluent or higher quality RW. The pond bottom is located above the water table, allowing the blended water to percolate through the unsaturated soils to reach groundwater. Percolation of the blended water through clean native soils provides a natural form of water filtration and increases water quality so surface spreading ponds have less stringent regulatory requirements than subsurface injection. Current spreading basins in the Basin are the Rio Hondo and San Gabriel River Spreading Grounds located in the Montebello Forebay.

For any GRRP, the wastewater to be used as RW shall be treated to meet the minimum Title 22 definitions of filtered wastewater and the definition of disinfected tertiary RW. The San Jose Creek and Whittier Narrows Water Recycling Plants send on average 50,000 AFY (40,000 AFY and 10,000 AFY, respectively) of disinfected tertiary RW to the Montebello Spreading Grounds percolation basins.

WRD, CSDLAC, and the LACDPW are currently permitted through the Regional Board Order No. 91-100 to spread disinfected tertiary RW at the Montebello Spreading Grounds. Spreading is limited to 35 percent RW over a 5-year period based on the total inflow of all waters into the Montebello Forebay, meaning that at least 65 percent of the waters entering the forebay must be dilution waters such as stormwater, underflow, rainfall, and imported water. The Montebello Spreading Grounds have been replenishing with RW since 1962.

For many GRRP projects, additional treatment of the RW is required. For all subsurface injection, advanced wastewater treatment (AWT) is required. To meet these requirements, the treatment processes include treating RW with microfiltration (MF), reverse osmosis (RO), ultraviolet (UV) disinfection and advanced oxidation. RW from AWT could be used at either injection wells or spreading basins.

III. Recycled Water Treatment

To provide additional conveyance of RW for approved tertiary effluent uses similar to CBMWD's Ibbetson Century Project and the Torres Project, RW supply must maintain the current level of treatment. As referenced below in Table 1-7, CBMWD currently purchases RW from CSDLAC at their Los Coyotes and San Jose Creek WRPs. The RW provided receives tertiary treatment at the WRPs and no further treatment is required.

Table 1–7. Current CBMWD Service Area Recycled Water Supplies

CBMWD Service Area Supply Source	Treatment Level	Additional Treatment Required
Los Coyotes WRP	Tertiary	None
San Jose Creek WRP	Tertiary	None

IV. Title 22 - Recycled Water Use Regulations

To ensure protection of public health, the Division of Drinking Water in the State Water Resources Control Board (DDW), was statutorily directed to establish statewide criteria for various uses of RW (California Water Code, section 13521) (At that time, DDW was the California Department of Public Health (CDPH)). The DDW promulgated these regulatory criteria (effective December 2000), which are set forth in the California Code of Regulations, Title 22, Div. 4, Chap. 3, 60301 et seq. The standards establish acceptable levels of RW constituents and prescribe means for reliability in production (wastewater treatment) to ensure that use for the specified purposes does not impose undue risks to public health, safety and welfare.

Title 22 is the portion of California law that governs water quality for drinking water. Part of Title 22 covers standards for drinking water. Another part, Title 22, Division 4, Chapter 3 of California Code of Regulations (CCR) regulates non-potable uses of recycled wastewater (i.e., water from sources that contain treated sewage). The objective of Title 22 RW standards is to protect public health from pathogens and other contaminants that may be present in RW.

Under Title 22 RW standards, treatment levels for RW use were developed based on the expected degree of public contact with the RW. For applications with a high potential for the public to come in contact with the RW (e.g., irrigation of food crops, residential landscaping, and parks and playgrounds), Title 22 requires tertiary treatment and disinfection of RW. For applications with a lower potential for public contact (e.g., irrigation of areas with restricted access, crops for livestock, and freeway landscaping), Title 22 requires secondary treatment with varying degrees of disinfection depending on the proposed use (CCR Sections 60303-60307). Table 1-8 denotes Title 22 recycled water treatment levels.

DDW does not possess enforcement authority for Title 22 criteria; rather the Regional Board imposes them through enforcement of their permits that contain the applicable criteria. To protect public drinking water supplies, DDW also has regulations to prevent cross connections between RW and potable water systems. Local health departments and DDW have enforcement authority over these cross-connection prevention and control regulations. The California Building Standards Commission sets plumbing standards for use of RW within buildings and industrial sites.

Table 1–8. Title 22 Recycled Water Treatment Levels

Treatment Level	Recycled Water Quality Limits and Requirements
Disinfected Secondary – 23 Recycled Water	Oxidized and disinfected so that the median concentration of Total Coliform Bacteria: MPN 23/100mL (7-day) MPN 240/100mL (not exceeded in more than one sample in 30-day period)
Disinfected Secondary – 2.2 Recycled Water	Oxidized and disinfected so that the median concentration of Total Coliform Bacteria: MPN 2.2/100mL (7-day) MPN 23/100mL (not exceeded in more than one sample in 30-day period)
Filtered Wastewater	Oxidized wastewater that meets the following criteria (a) or (b): Coagulated and passed through natural undisturbed soils or a bed of filter media at max. 5 gpm/SF of surface area in mono dual or mixed media gravity, upflow or pressure filtration systems, or max. 2 gpm/SF of surface area in traveling bridge automatic backwash filters; and Turbidity: 2 NTU average within a 24-hr period 5 NTU more than 5% of time within a 24-hr period 10 NTU maximum at any time Passed through a microfiltration, ultrafiltration, nanofiltration, or reverse osmosis membrane so that: Turbidity: 0.2 NTU more than 5% of time within a 24-hr period 0.5 NTU maximum at any time
Disinfected Tertiary Recycled Water	Filtered and disinfected wastewater that meets the following criteria: (a) The filtered wastewater has been disinfected by either: (1) chlorine disinfection process with minimum CT 450 milligram-minutes/L at all times (90 min. of modal contact time); or (2) disinfection process that inactivates and/or removes 99.999 percent of the plaque-forming units of F-specific bacteriophage MS2, or polio virus in the wastewater. (b) Total Coliform Bacteria: MPN 2.2/100mL (7-day) MPN 23/100mL (not exceeded in more than one sample in 30-day period) MPN 240/100ml maximum

Groundwater Recharge Reuse Draft Regulations are contained in Division 4, Chapter 3 of Title 22, and were developed by DDW, with support from the various Regional Boards and the SWRCB. The guide was prepared to identify the steps necessary to evaluate the feasibility of using RW for groundwater recharge.

Recharge water quality parameters are based on the blend of diluent water (see requirement below) and RW. The RW contribution (RWC) is defined as RW/(recycled water + diluent water). The primary water quality parameters include:

- Not exceed DDW maximum contaminant levels (MCL) for drinking water
- Total organic carbon (TOC) (max) < 0.5 ppm/RWC
- Nitrogen < 5 ppm
- pH 6.5 to 8.5

The Draft Regulations require blending of diluent water with RW based on a 60-month running average. This method of accounting allows recycled and diluent (e.g., stormflow) waters to be recharged at different times of year. Blending criteria include the following:

- Diluent water may be potable or surface water, stormwater or groundwater.
- Blending requirements are as follows:
    - RWC < 0.2 for surface spreading (i.e., 20 percent RW)
    - RWC < 0.5 for surface spreading for reverse osmosis and advanced oxidation treated effluent (i.e., 50 percent RW)
    - RWC < 0.5 for subsurface injection (i.e., 50 percent RW)

V. Water Quality Effluent and Seasonal Variations

Quality

This section describes the quality associated with existing and potential supply sources. The discussion of water quality issues considers coliform counts and TDS as defining parameters of supply source quality.

Title 22 Quality

San Jose Creek and Los Coyotes WRP coliform counts must be lower than 2 MPN/100 mL to meet Title 22 recycled water disinfected tertiary production standards. Based on annual monitoring reports, all Title 22 requirements are met by the San Jose Creek and Los Coyotes WRPs.

TDS Quality

A recycled water TDS concentration of less than 1,000 to 1,200 mg/L is generally considered acceptable by horticultural studies of salinity impacts on turf grasses and common ornamentals. A concentration of 1,000 mg/L would be a conservative working upper limit. Table 1-9 lists average TDS concentrations for each CBMWD RW supply source. As seen in the table, most recycled water sources have comparatively low TDS concentrations.

Table 1–9. Supply Quality

Source	TDS, mg/L
Los Coyotes WRP	735
San Jose Creek WRP[a]	546

a) Based on an average of fiscal years 2010-11.

Volume

The amount of RW available is limited by the amount of wastewater produced in the service area and the amount of treatment capacity available. Some seasonal imbalance typically exists between RW supply and irrigation demands which have summer peaks. Also, diurnal

imbalance typically exists between RW supply and many non-potable demands having nighttime peaks.

By 2015, the Los Coyotes and San Jose Creek WRPs are projected to generate 142,000 AF of RW. Of this amount, it is projected that 77,850 AF will be disposed of in the San Gabriel River. With additional infrastructure this water could potentially be used to increase the amount of RW available as a supply source. Reliability of RW is greater than many other sources. The source of RW, wastewater, is available year-round making it drought tolerant. Unlike non-potable demands such as landscape irrigation, seasonal imbalance is typically less an issue with groundwater replenishment.

VI. Sources of Industrial or Other Problem Constituents

Per CBMWD, there are currently no known problem constituents in RW.

VII. Existing Recycled Water System

CBMWD's use of RW augments the groundwater and imported water supplies of southeast Los Angeles County. The CBMWD RW system is comprised of about 50 miles of pipeline with diameters ranging from 2" service laterals all the way up to 30" transmission pipelines, and a pump and booster stations. As previously mentioned, the program is comprised of two distribution systems—E. Thornton Ibbetson Century Water Recycling Project and the Esteban Torres Rio Hondo Water Recycling Project. These two projects are interconnected by an intricate distribution system and operate as one RW supply system. The combined projects are referred to as the "Central Basin Water Recycling Project." For more detailed information, refer to Chapter 3 "Existing System Description."

For existing users and their demands, please refer to Chapter 2, section A.

VIII. Existing Rights to Use Discharged Treated Effluent

On January 23, 1991, County Sanitation District Number 2 of Los Angeles County (later known as Los Angeles County Sanitation District) and CBMWD entered into an Agreement to connect "District's facilities from which reclaimed water may be drawn by Central Basin" from the Los Coyotes Water Reclamation Plant. Furthermore, the Agreement states that the "District agrees to make available each fiscal year (July 1 through June 30), commencing July 1, 1991 … a total of 8,000 acre-feet (as hereinafter determined) of reclaimed water produced at said Water Reclamation Plant, with an instantaneous rate of withdrawal limited to 10,000 gallons per minute."

A similar Agreement was signed on September 1, 1992 for the San Jose Water Reclamation Plan where "District" agreed to make available a total of 15,000 acre-feet of reclaimed water with the maximum daily withdrawal limited to 13.4 million gallons commencing July 1, 1992. This Agreement included language specifying that the "instantaneous rate of withdrawal will

be apportioned by the ratio that the instantaneous amount of reclaimed water produced at the Water Reclamation Plant bears to the capacity of the Water Reclamation Plant."

These Agreements include the authorization of CBMWD to utilize the recycled water for landscape irrigation, industrial processes, and other various practices in an effort to fulfill their joint responsibilities to conserve natural resources. Both agreements also address future agreements to ultimately provide for the interconnection of other facilities and include a term of agreement of 25 years.

2. RECYCLED WATER MARKET

Since planning and constructing its RW systems in the early 1990s, CBMWD has become an industry leader in water reuse. In Fiscal Year 2010-2011, CBMWD's RW system delivered 4,164 AFY to 234 industrial, commercial and irrigation sites. It is anticipated within the next 10 years that CBMWD will triple its sales with new connections across the northern portion of the service area. CBMWD promotes RW as an ideal alternative for industrial, commercial, and municipal use. As the customer base continues to expand, new benefits of RW continue to be discovered. Every year CBMWD connects new RW customers and further reduces demands on potable water.

A. EXISTING CUSTOMERS

The types of sites that CBMWD currently serves vary from landscaping irrigation to industrial operational uses. The predominate use of RW deliveries is landscape irrigation, which accounts for 74 percent of total use and includes, but is not limited to, golf courses, cemeteries, freeway and street medians, and parks. Through innovative marketing, RW is being used with textiles, paper production, dye houses, co-generation plants and printing. The following list depicts the current typical RW customers and use within CBMWD service area:

- Golf Courses
- Co-Generation (Cooling Towers)
- Cemeteries
- Concrete Mixing
- Caltrans Right-of-Way Irrigation
- Textile
- Medians
- Plant Nurseries
- Parks
- School Field Irrigation

Existing RW customers and their FY 2010-2011 usage as provided by CBMWD are shown in Table 2-1. The location of these customers is graphically shown on Figure 2-1. Detailed documentation of customer's monthly usage data is shown in Appendix 1. To date, the largest existing RW users in the CBMWD area include the following:

- Malburg Power Generation Station
  - Purveyor – City of Vernon
  - Usage – 669 AFY
- Rose Hills Memorial Park
  - Purveyor – Upper San Gabriel Valley MWD
  - Usage – 491 AFY
- Metro State Hospital and Wheelabrator-Norwalk Energy Company, Inc.
  - Purveyor – Golden State Water Company
  - Usage – 278 AFY

Table 2-1. Existing 2010-2011 Fiscal Year CBMWD Recycled Water Customers

Agency	Usage Type	Annual Demand (AFY)
Bellflower Municipal Water Systems		
	Parks, Street Trees, Medians, Parkways	
	Bellflower Medians	2.57
	Foster/Coldbrook Median	0.36
	Zinn Park	3.65
Bellflower-Somerset Mutual Water Co		
	Parks, Street Trees, Medians, Parkways	
	City of Bellflower	.13
	Clark Center Ent	-
	Alondra Median @ San Gabriel River	0.2
	Simms Park	15.23
	Woodruff & Maple	0.6
	Bellflower High School	70.39
	Ernie Pyle High School	13.17
City of Cudahy		
	Parks, Street Trees, Medians, Parkways	
	Lugo Park	5.32
City of Downey		
	Parks, Street Trees, Medians, Parkways	
	8740 Firestone S/W Corner of F.S & Nash	0.40
	8764 Firestone S/S Firestone, W/O Drive	0.72
	9020 Firestone, Lakewood side	3.73
	Caltrans (I-105/Bellflower)	10.39
	Caltrans (I-105/Lakewood)	3.56
	Cornerstone Commerce Center #49	6.60
	County #23	0.64
	Crawford Park	7.02
	Downey Studios	4.84

Agency	Usage Type	Annual Demand (AFY)
	E/O Lakerwood @ 9002 Imperial	0.20
	E/S Lakewood @ Alameda	-
	E/S Lakewood @ S/O Rose	5.07
	E/S Lakewood across #122098/15	1.48
	E/S Lakewood between 3rd & 5th	0.18
	E/S Lakewood between 2/s entrance	3.17
	E/S Lakewood N/O Alameda/Median	3.30
	E/S Lakewood N/O Rose/Median/Tragle Park	0.95
	E/S of Lakewood next to cemetery	2.77
	Foster Rd. @ Premier Ave	0.65
	Humedo Nursery	5.99
	Independence Park	12.65
	N SH Pkwy at @ 2nd Kaiser Dr frm East	8.60
	Palm Growers Nursery	-
	Rio Hondo Flood Control Channel	-
	Rio San Gabriel Park	35.79
	S. SH Pkwy W/O Driveway	4.06
	S. SH Pkwy W/O E Kaiser Driveway	16.27
	S/E corner of Lakewood & Hall Rd	5.36
	S/S @ S&G Eclipse Landscaping	5.47
	S/S 5th @ Lakewood	
	S/S S&G Pky Lakewood to Bellflower	1.18
	S/S St. Horn Wy E/O Bellflower	0.74
	SW Corner of Lakewood/Imperial	0.61
	Temple Park	1.32
	W/S Bellflower @ entrance to retail ctr	3.99
	W/S Bellflower N/O Steve Horn Way	8.22
	W/S Bellflower S/O Stewart & Gray Rd	4.01
	W/S Lakewood N/O Hall Rd/Median	2.44
	W/S Lakewood S/O 11215 Lakewood Pky	0.81
	W/S Lakewood S/O Bellflower	8.63
	Wilderness Park	102.81
	Golf Courses	
	Rio Hondo Golf Course	215.78
	Cemeteries	
	Downey Cemetery	29.62
	Schools	
	Carpenter Elementary School	7.43
	Columbus School (baseball field)	17.03
	East Middle School	18.93
	Gauldin Elementary School	5.26
	West Middle School	17.34

Agency	Usage Type	Annual Demand (AFY)
	South Middle School	7.70
	Lewis School	6.06
	Rio San Gabriel School	16.02
	Office/Commercial Landscape	
	Kaiser Admin Bldg	5.61
	Space Learning Center	27.00
City of Huntington Park		
	Parks, Street Trees, Medians, Parkways	
	Salt Lake Municipal Park	45.31
City of Lynwood		
	Parks, Street Trees, Medians, Parkways	
	Caltrans (I-105/I-710 @ Fernwood & Wright)	0.97
	Caltrans (I-710/Martin L. King)	-
	Imperial/Wright Median	0.71
City of Norwalk		
	Parks, Street Trees, Medians, Parkways	
	Ramona Park	4.35
	Schools	
	Corvallis Middle School	33.99
	D.D. Johnston Elementary School	6.78
	Morrison Elementary School	3.75
	Norwalk High School	44.15
City of Paramount		
	Parks, Street Trees, Medians, Parkways	
	Alondra Median	3.71
	Alondra Medians	4.49
	Caltrans (I-105/I-710 @ Edison)	25.31
	Dills Park San Luis /Dillis Park	33.67
	Downey & Contreras Median	0.34
	End of San Luis LA County Flood Control	1.41
	Garfield Medians	1.46
	Lakewood Medians	1.76
	Orange & Cortland Parkway	2.60
	Orange Avenue Median	3.39
	Paramount Medians	4.08
	Paramount Park	24.33
	Progress Park	13.97
	Rosecrans Median	9.17
	Rosecrans/Paramount Median 7903 Rosecrans Av	2.24
	Somerset Median	1.28
	Somerset Median Setback	4.24
	Spane Park	9.46

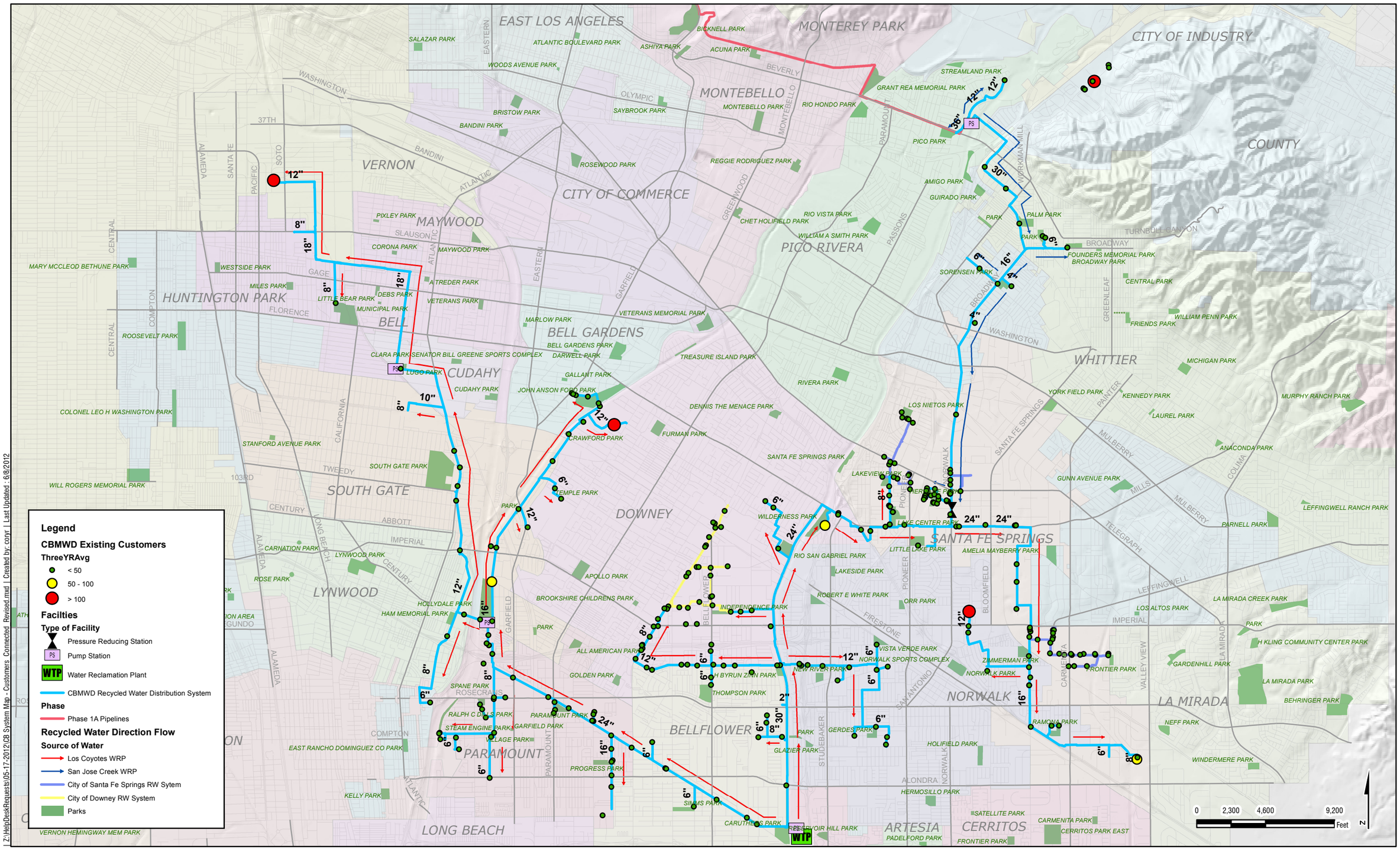
Agency	Usage Type	Annual Demand (AFY)
	Texaco/Somerset City Lot	1.24
	Golf Courses	
	Compton Golf Course	23.69
	Schools	
	Alondra Jr. High School	13.67
	Jefferson School -P.U.S.D	3.11
	Keppel Elementary School	2.67
	Los Cerritos Elementary School	12.24
	Los Cerritos Elementary School-SEP	1.31
	Mokler Elementary School	10.51
	Clearwater Jr High School (Para Jr. H.S.)	34.62
	Paramount High School	23.14
	Wirtz Elementary School	12.13
	Office/Commercial Landscape	
	ABC Nursery	-
	Alta Produce	1.74
	Belloso Farm Nursery	2.04
	Billy Lee Nursery	8.81
	Jaugregui Nursery	5.80
	Industrial/Manufacturing	
	Paramount Petroleum Corp.	-
	Robertson's Redi-Mix	8.09
	Tays Cool Fuel	3.26
City of Pico Rivera		
	Golf Courses	
	River Ridge Golf Course	24.04
City of Santa Fe Springs		
	Parks, Street Trees, Medians, Parkways	
	Aquatic Center	4.41
	Caltrans (I-5/1-605)	0.23
	Carmenita Road	10.61
	Clark Estates	5.50
	Clarkman Walkway	0.30
	Dollison & Quinn Medians	-
	Field (S/W Norwalk/ Telegraph)	10.99
	Florence Avenue	4.30
	Florence Median @ Maidstone	1.71
	Foster Rd @ R	5.30
	Foster Rd @ S	5.28
	Foster Road on Orden	3.54
	Golden Springs	32.50
	Heritage Park	9.76

Agency	Usage Type	Annual Demand (AFY)
	Imperial Highway	1.12
	Imperial Hwy	3.35
	Lake Center Park	19.65
	Lakeview Park	12.29
	Leffingwell Rd	5.69
	Little Lake Park	36.45
	Los Nietos Park	15.16
	Marquardt Ave	6.42
	Mora Drive	4.92
	Norwalk Blvd	11.76
	Norwalk Parking/Geary Street (71K Facility)	1.87
	Norwalk Walkway (71K Facility)	1.90
	Norwalk/Median	0.25
	Orden Drive G	7.54
	Orden Drive J	6.76
	Orden Drive N	4.78
	Orr & Day Median	0.03
	Pioneer Blvd	31.75
	Pioneer Medians	2.32
	Santa Fe Springs Police Station	1.38
	Sculpture Garden	-
	Shoemaker Ave	3.63
	Shoemaker C	7.11
	Telegraph Median	3.18
	Town Center Green	6.63
	Towncenter Walkway	0.28
	Schools	
	Lake Center School	17.80
	Santa Fe High School	25.38
	Jersey Ave. School & Athletic Field	5.02
	Lakeview Childcare Center	1.56
	Office/Commercial Landscape	
	CDM	2.45
	EO NOR/TEL	13.79
	Greenstone Warehouse	1.91
	Heritage Corporate Center	30.26
	LA County Vector Control Bldg	3.53
	Maruichi American	0.81
	MC & C Development	7.38
	Orden Drive	7.64
	Santa Fe Springs Promenade	1.18
	Soco-lynch	2.60

Agency	Usage Type	Annual Demand (AFY)
	Industrial/Manufacturing	
	Powerine/Cenco	-
	Robertson's Ready-Mix	5.44
	Simon Trucking	0.75
	Tuftex Industries	84.69
City of South Gate		
	Parks, Street Trees, Medians, Parkways	
	5900 Firestone Blvd	17.80
	Atlantic Median/Atlantic Ave	0.91
	Atlantic Median/Southern Ln.	1.61
	Atlantic Median/Wright Rd.	1.66
	Circle Park	14.78
	Hollydale Park	173.62
	L.A. River Landscape	0.61
	Triangle Park	2.35
	Office/Commercial Landscape	
	B&B Pallet Co.	-
	Belloso Nursery	1.49
	Imperial Equestrian Center	3.95
City of Vernon		
	Industrial/Manufacturing	
	Malburg Generating Station - 2715 East 50th St	668.62
City of Whittier		
	Parks, Street Trees, Medians, Parkways	
	Caltrans (I-605/Beverly)	49.69
	Founder's Memorial Park (East)	5.25
	Founder's Memorial Park (West)	3.65
	Palm Park (West Side)	8.42
	Schools	
	Longfellow Elementary School	4.65
	Orange Grove Elementary School	4.92
	Walter Dexter Middle School	8.32
County of Los Angeles - Parks & Recreation		
	Golf Courses	
	Los Amigos Golf Course	120.32
Golden State Water Company		
	Parks, Street Trees, Medians, Parkways	
	Bell Gardens - Rio Hondo Channel	3.40
	Bell Gardens Soccer Field	4.77
	Palms Park - Lakewood	3.46
	Golf Courses	

Agency	Usage Type	Annual Demand (AFY)
	John Ford Park	
	Schools	
	Artesia High School	36.61
	Moffit School	5.45
	Palms Elementary School	13.01
	Paramount School District	1.00
	Office/Commercial Landscape	
	L.A. County Library	5.72
	L.A. County Recorders Office	15.16
	Metro State Hospital/Wheelabrator	277.89
	Pro Growers Nursery	44.66
Park Water Company		
	Parks, Street Trees, Medians, Parkways	
	Caltrans (I-5 @ Firestone & Shoemaker)	3.92
	Caltrans (I-605/I-105 @ Foster/Behrans)	-
	Caltrans (I-605/I-105 @ Foster/Flatbush)	0.10
	Caltrans (I-710/Rosecrans)	7.60
	Flatbush & Foster	2.20
	Foster Medians	1.90
	Hanwell & Foster Road	0.64
	Gerdes Park	17.16
	Thompson Park	15.74
	Vista Verde Park	13.60
	Woodruff Medians	5.19
	Zimmerman Park	16.79
	Golf Courses	
	Norwalk Golf Course	24.94
	Schools	
	Hargitt Middle School	27.96
	Hollywood Sports Center	1.68
	John Glenn High School	43.77
	Lampton Middle School	10.24
	New River Elementary School	9.19
	Norwalk Adult School	28.82
	Nuffer Elementary School	8.38
	Romona Elementary School	4.26
	Office/Commercial Landscape	
	Andy's Nursery	-
	CT Realty Corp	1.92
	Garcia's Nursery	-
	McNabb Landscapes	0.46
San Gabriel Valley Water Co		

Agency	Usage Type	Annual Demand (AFY)
	Parks, Street Trees, Medians, Parkways	
	Sorensen Park	17.64
	Schools	
	Katherine Edwards School	24.44
	Sorensen School	6.82
	Washington Elementary School	7.85
Upper San Gabriel Valley MWD		
	Cemeteries	
	Rose Hills Memorial Park	491.25
	Office/Commercial Landscape	
	Gateway Pointe	18.10
	Schools	
	Mills Elementary School	9.15
	Rio Hondo College	25.63
	Total FY 2010-2011 Consumption	4,163.60



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CBMWD Existing Recycled Water System and Customers
FIGURE 2-1

B. FUTURE CUSTOMERS

Based on a preliminary review of existing customer demands, potential future partnerships, and service expansions considerations as presented by CBMWD staff, future service considerations were developed focusing on three target areas of expansion. The regions are identified as follows:

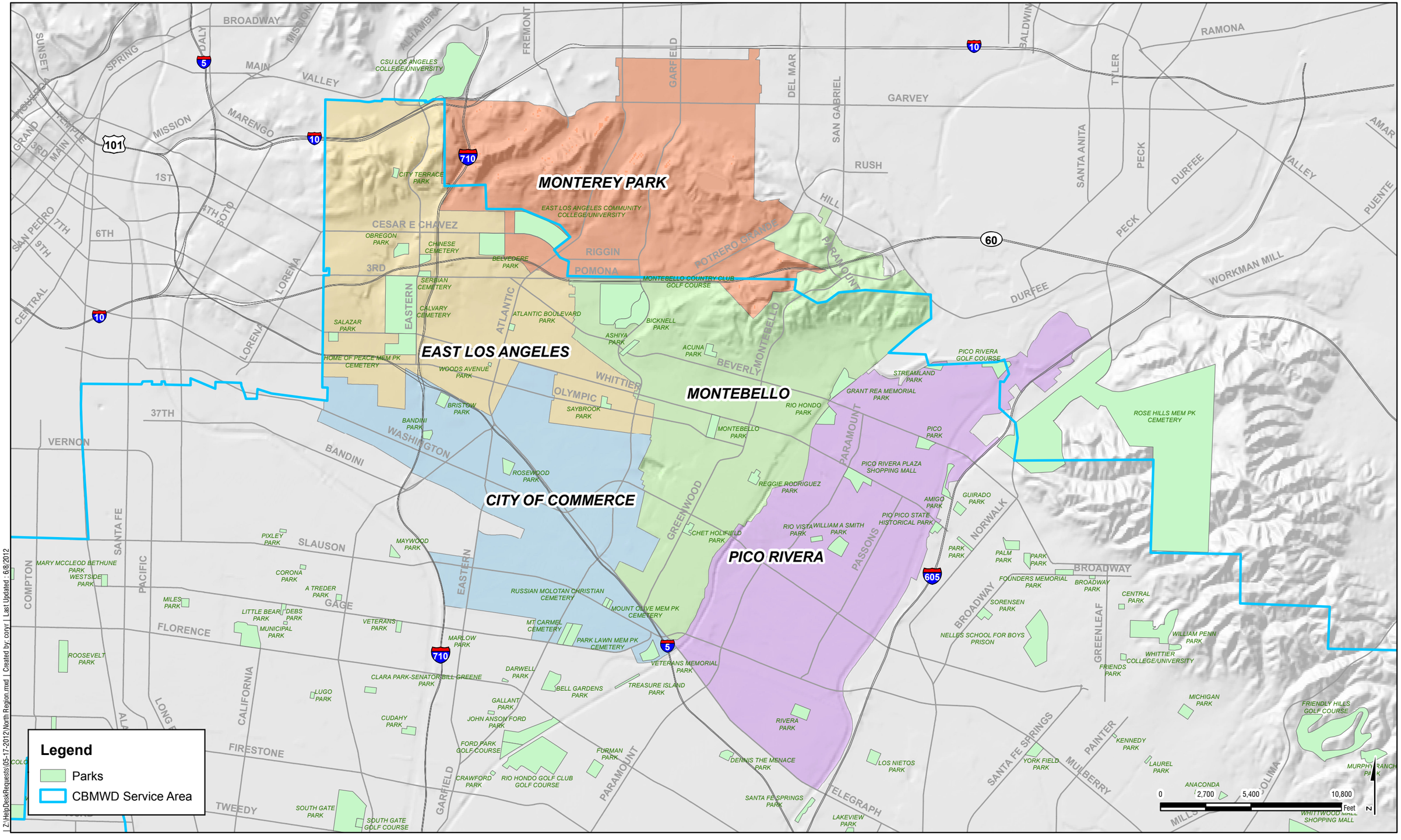
- West Region
- Southeast Region
- North Region

Figures 2-2 through 2-4 depict maps of the target regions and associated cities within each region. Within each target region, identification of potential "anchor customers" with potentially convertible potable water consumption over 200 AFY was established by CBMWD as a priority. Furthermore, 100 AFY usage was set as a benchmark for customer usage data collection. At the direction of CBMWD staff, preliminary figures as shown in Appendix 2 were created to identify potential recycled water commercial and industrial customers within each region based on market assessment procedures referenced in subsequent sections of this report. Additionally, CBMWD staff later requested that parks be identified in the North and Southeast Regions where difficulties in obtaining usage records were encountered.

In addition to CBMWD's service area, future expansion into Orange County, San Gabriel Valley Municipal Water District, and the Los Angeles Department of Water and Power (DWP) service areas were identified for possible consideration. Preliminary demand forecasts for potential future expansions were provided by CBMWD and included the following:

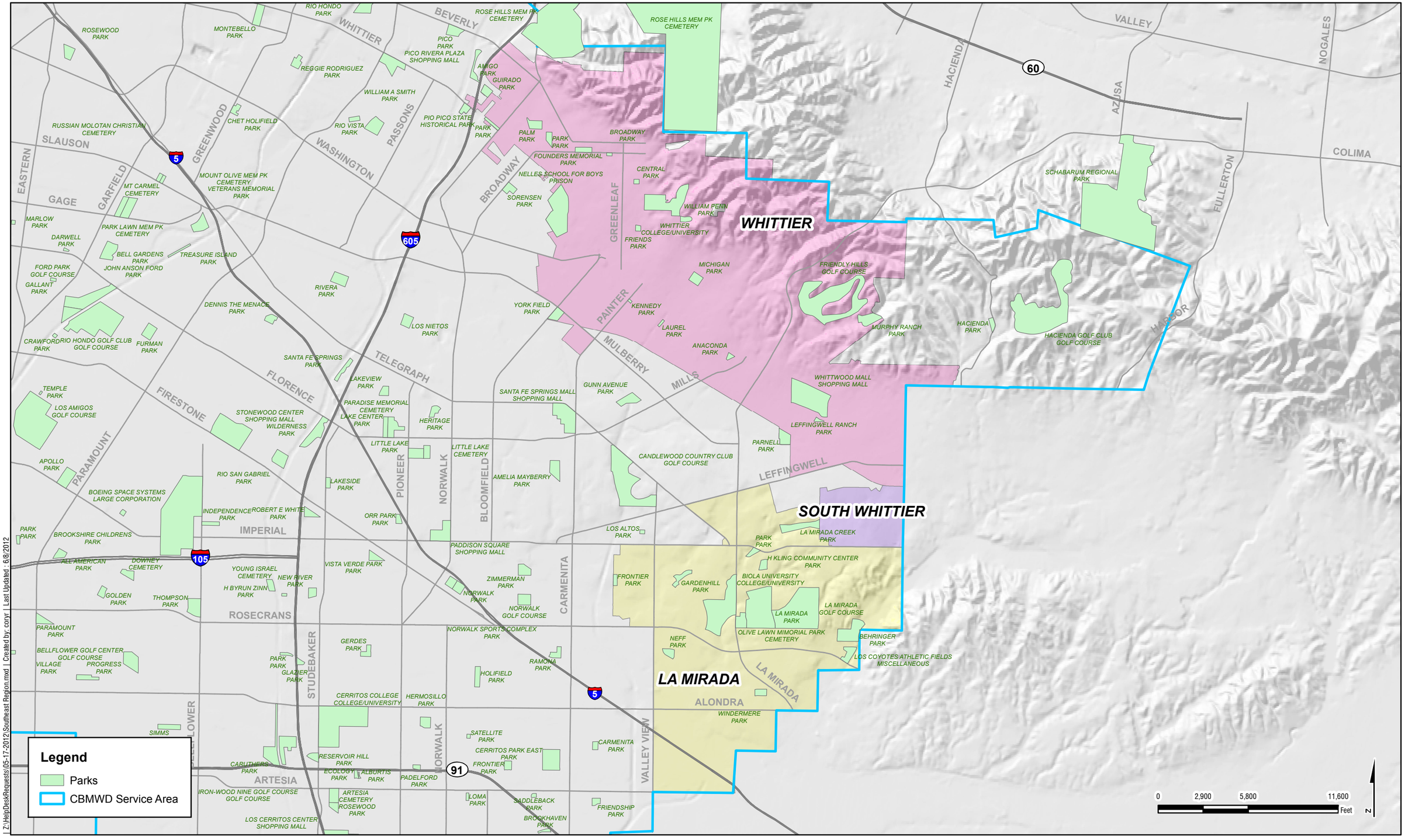
- DWP connection: 3,000-4,000 AFY – identified as a single node (anchor customer)
- San Gabriel Valley Municipal Water District: 983 AFY – 5 specific customers identified
- City of La Mirada: 1,200 AFY – with possible expansion into Orange County

Because Municipal Water District of Orange County had no plans of providing RW service to their customers, CBMWD had been in discussions to potentially provide service to the northern region of Orange County via an extension of service through the City of La Mirada. With the exception of one identified customer within San Gabriel Valley Municipal Water District, these extended connections were later discounted based on internal discussions between CBMWD staff and individual agencies due to projected construction costs and feasibility of near-term service connections.



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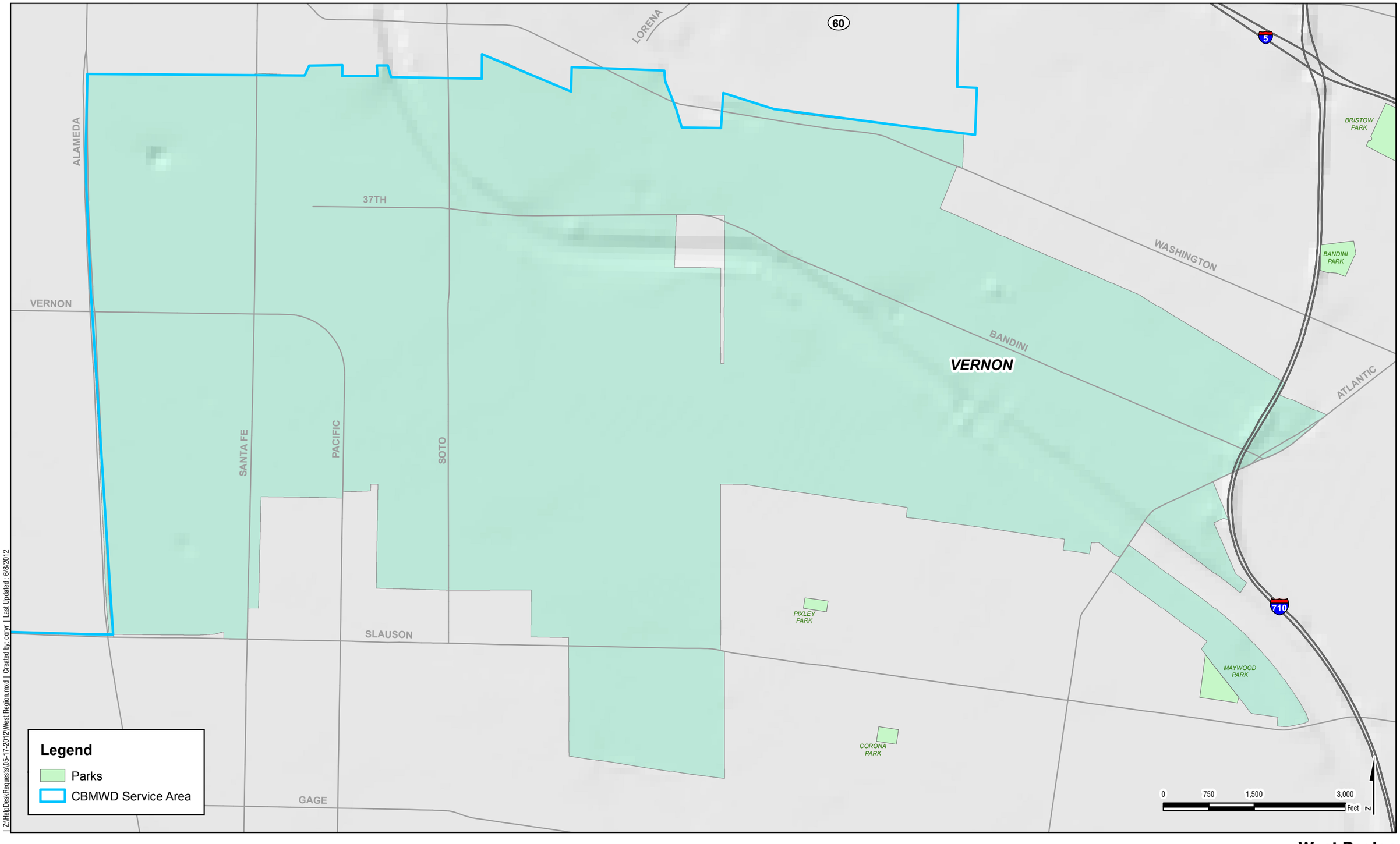
North Region
FIGURE 2-2



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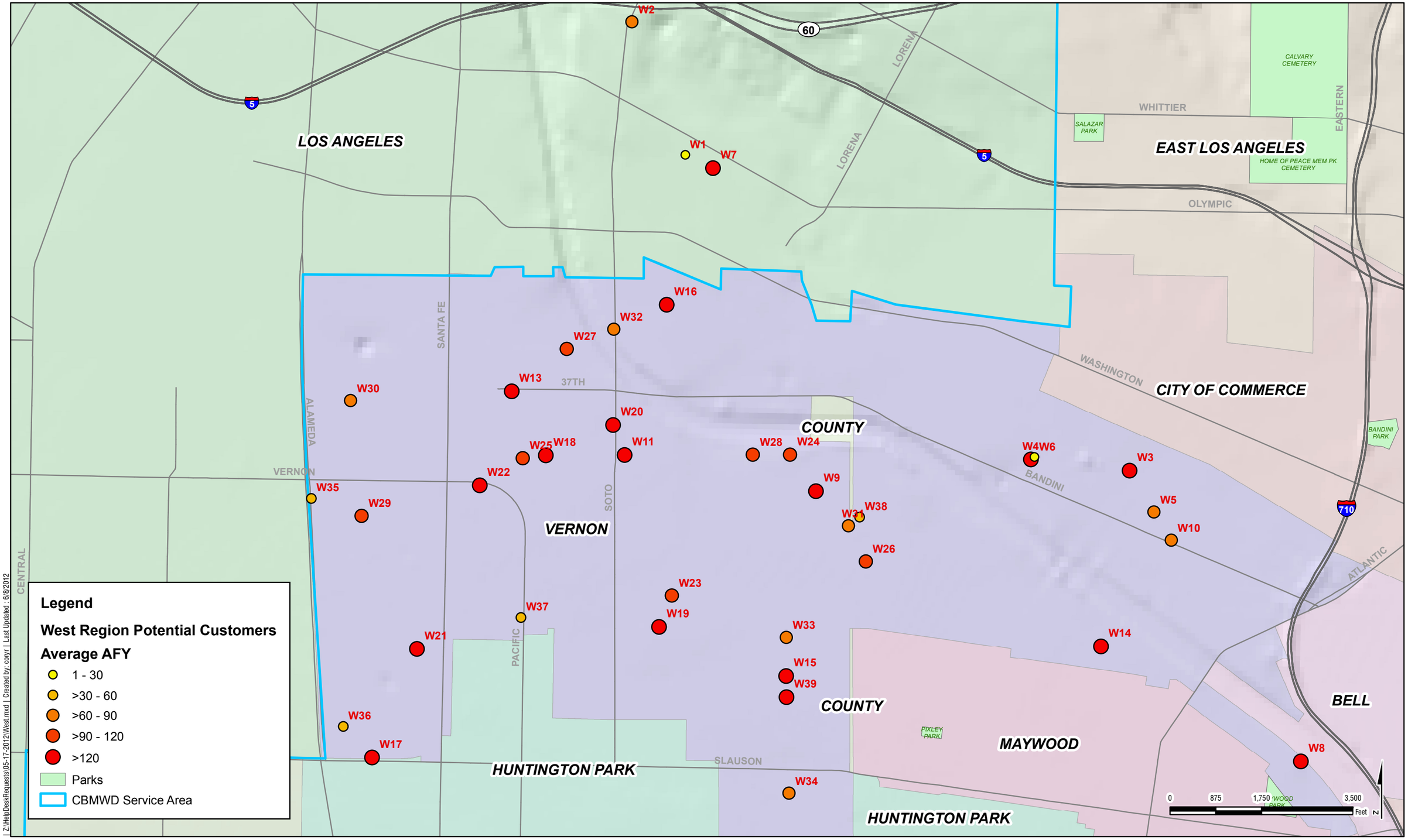
Southeast Region
FIGURE 2-3



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West Region
FIGURE 2-4



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CBMWD Potential Customer Idenfication - West Region
FIGURE 2-5

I. Market Assessment Procedures

With target regions established, corresponding CBMWD member cities, mutual water companies, investor-owned utilities and private water companies within these regions were identified and collectively contacted. Although the initial direction was to identify all potential users with average yearly potable water consumption of 100 AFY, due to a limited pool of customers, a decision was later made by CBMWD staff to capture additional potential customers utilizing more than 50 AFY. These users were ultimately classified as "large users" and inclusion of these 50 AFY or more customers allowed CBMWD to maximize the range of customers that could be potentially converted to RW service.

Three-year usage records were requested from water purveyors that serviced the three designated target regions. Initial contact and requests were made via email to the following agencies:

- Golden State Water
- California Water Service Company (CalWater)
- Montebello Land and Water Company
- South Montebello Irrigation District
- City of Montebello
- City of Vernon
- City of Pico Rivera
- Pico Water District
- San Gabriel Valley Municipal Water Company
- City of Commerce
- City of Huntington Park
- Maywood Mutual Water Company #1
- Maywood Mutual Water Company #2
- Maywood Mutual Water Company #3
- City of Monterey Park
- Suburban Water Systems

With the assistance of CBMWD staff, several purveyors provided input and usage records within predetermined milestone periods and resulted in the compilation of an initial 150 potential customers within the West Region and 270 within the North Region. Usage data for 47 customers were later obtained from Suburban Water Systems for the Southeast Region of which only four qualified as designated "large users," consuming an average of 50 AFY or more.

Although data were subsequently obtained from additional purveyors after several telephone and email inquiries, several agencies refused to provide usage records or were unresponsive to numerous inquiries. Ultimately, usage records were not provided by the following purveyors:

- CalWater
- Montebello Land and Water Company
- South Montebello Irrigation District
- City of Montebello
- Pico Water District
- City of Commerce
- City of Huntington Park
- City of Monterey Park

In response to the absence of data, focus was directed on anchor consumers with 200 AFY or more consumption previously identified in the 2008 Recycled Water Master Plan Update. Internet research and direct contact via telephone was initiated for these anchor customers to determine whether their current situations justified potential conversion to RW service. Several users (companies) were omitted from the prospective list upon confirming that either the company was no longer in business or their water consumption had significantly decreased or ceased due to termination or reduction in demands.

Additionally, contact was made with the Whittier City School District to obtain water usage records for all schools located within their jurisdiction and area designated as CBMWD's Southeast Region. As described above, CBMWD also requested that all parks be identified in the North and Southeast Regions where difficulties in obtaining usage records were encountered. A compilation of the preliminary market assessment potential users was depicted for reference and further CBMWD direction. These preliminary depictions are shown in Appendix 2 for reference within each region and include consumption designations of above and below 100 AFY.

In addition to compiled purveyor usage records, potential customers were identified, evaluated, and compiled from various CBMWD-provided data including: CBMWD inspection forms, SWRP Phase 2 Potential Customer lists, RW demand projections by potential customers and laterals, and CBMWD-compiled data within one-quarter mile of SWRP (Phase 1 and 2) service area. Water usage records for potential connection points were also requested from and provided by Caltrans for irrigation areas within freeway right-of-way.

Caltrans identified irrigation sites within their right-of-way with feasible RW conversion potential. Water consumption data for irrigation sites along Interstate 5 (I-5) and Interstate 605 (I-605) by Caltrans, all within the designated North Region, was provided. Relatively

minimal consumption was identified in all potential sites as compared to the target 50 AFY threshold. The water purveyor, interstate highway associated with consumption, and years of data provided are as follows:

- CalWater: I-5 2007-2001
- Norwalk Water: I-5 2000-2010
- San Gabriel Valley Water: I-605 2006-2010
- Park Water Company: I-605 2006-2010

The data provided by Caltrans were broken down by location using either a street address or street intersection. For each location, yearly averages were calculated to accommodate for year-to-year variance in water consumption. Water consumption per location ranged from 0 to 19 AFY with a combined annual consumption for all feasible areas along interstates I-5 and I-605 of 45 AFY. Although Caltrans right-of-way connections continue to be pursued, these potential connection points resulted in minimal usage and, as such, were not included in the subsequent evaluation for this RWFP's planning purposes.

II. Usage Designation

Once obtained, usage records were compiled by region and categorized by primary land use. Users previously identified in the 2008 RWFP were re-evaluated for consideration for areas where no data were obtained from corresponding purveyors.

Compiled usage data records were created by target region. Records were continuously updated as additional customer input was provided by various sources and as customers were discounted due to errors or revised usage demands were received. For customers with no current data available, 2008 consumption records were referenced as noted. A cursory Internet search and/or individual contact via telephone were attempted to confirm that these customers have remained in business with similar water usage requirements. Based on later request by CBMWD, all school and park sites—regardless of usage quantities—were incorporated into compiled data due to feasible conversion potential. Ultimately, all potential customers were categorized as follows:

- Parks, Medians, and Parkways (including Golf Courses)
- Cemeteries
- Other Landscape (i.e., freeways and landfills)
- Office/Commercial Landscape
- Schools
- Industrial

Although concurrent efforts were made to obtain additional usage records from remaining purveyors, a preliminary compiled list of potential customers for each of the three target

regions assessed was established. Staff collectively drafted a customer contact letter and accompanying Recycled Water Questionnaire to assess each customer's interest in conversion to RW service, percentage of water usage that could be converted, peak usage hours and potential increase or decrease in service. The letters also identified common uses for and benefits of RW. The letters and accompanying questionnaires were finalized and mailed out to approximately 230 potential customers by CBMWD.

With representatives noted as contacts, staff fielded various calls from interested parties. Common concerns included costs attributed to service conversion and water quality. If no response was provided, key potential customers with consumptions over 100 AFY or within close proximity to existing service lines were contacted via telephone and/or in person to assess feasibility of conversion.

Based on additional customer input obtained from returned questionnaire responses as well as direction from CBMWD, usage information for potential customers was compiled to further expand and consider, type of business, existing water use, hours of water service, seasonality, and level of interest. A summary table for each region was refined for further evaluation to include the following:

- Percentage of convertible water
- Convertible water usage quantities (AFY and GPM)
- Peak month/hour
- Type of user

Based on final compiled list of market assessment, potential customers were numbered by categories, which were later referenced as "Original Designation" numbers. Reference Tables 2-2 through 2-4 for a summary of compiled usage data records by target region. The tables were later modified as described in the subsequent sections with "Final Designation" numbers used in the alternative analysis.

In 2013, Tetra Tech performed additional analysis for the potential users in East Los Angeles, which is part of the North Region. Additional irrigation and industrial users in East Los Angeles were added as part of the 2013 study. In order to confirm the irrigation demands in the East Los Angeles area, the proposed customers irrigated areas were measured using scaled aerial photographs for each property. With these measured irrigation (green) areas, the amount of annual irrigation that is typically required by an efficiently operated irrigation system was estimated. Turf grass in Southern California typically requires between 3.0 and 3.5 acre-feet of water per acre per year to prosper. 3.0 acre-feet per acre per year was assumed for demand estimates The annual demands per scaled irrigation areas in Table 2-2 are identified below. Industrial user usage was determined by contacting the individual businesses. Annual demands for industrial users are also noted in Table 2-2 below.

As noted in these region usage data tables, a number of customers were omitted as potential future customers as they were already identified and included in the final analysis as "near-term" connections for Phase 2 SWRP as described in Chapter 3. Other customers were removed due to errors and by CBMWD and not included in the alternative analysis.

Table 2-2. North Region Usage Data

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Water use	Type	Purveyor
		Parks, Medians, Parkways					
1	N1	Streamland Park	Pico Rivera	35	Irrigation	Park	Pico Rivera, City of
2	N2	Rivera Park	Pico Rivera	32	Irrigation	Park	Pico Rivera, City of
3		*Smith Park*[1]	*Pico Rivera*	*23*	*Irrigation*	*Park*	*Pico Water District*
4	N4	Pico Rivera, City of (Smith Park Pool)	Pico Rivera	11	Irrigation	Park	Pico Water District
5	N5	Monterey Park Golf Course	Monterey Park	265	Irrigation	Golf Course	Monterey Park, City of
6	N6	Garvey Ranch Park	Monterey Park	102	Irrigation	Park	Monterey Park, City of
~~7~~		~~Corporate Drive 1~~[2]	~~Monterey Park~~	~~85~~	~~Irrigation~~	~~Landscaping~~	~~City of Monterey Park~~
8	N8	La Loma Park	Monterey Park	80	Irrigation	Park	Monterey Park, City of
9	N9	George Elder Park	Monterey Park	71	Irrigation	Park	Monterey Park, City of
~~10~~		~~Corporate Drive 3~~[2]	~~Monterey Park~~	~~65~~	~~Irrigation~~	~~Landscaping~~	~~City of Monterey Park~~
11	N11	Sunny Slope Park	Monterey Park	43	Irrigation	Park	Monterey Park, City of
12	N12	Barnes Mem Park	Monterey Park	30	Irrigation	Park	Monterey Park, City of
13	N13	Sequoia Park	Monterey Park	27	Irrigation	Park	Monterey Park, City of
14	N14	Monterey Highlands Park	Monterey Park	24	Irrigation	Park	Monterey Park, City of
~~15~~		~~Corporate Drive 2~~[2]	~~Monterey Park~~	~~20~~	~~Irrigation~~	~~Landscaping~~	~~City of Monterey Park~~
16	N16	Sierra Vista Park	Monterey Park	19	Irrigation	Park	Monterey Park, City of
17	N17	Langley Park	Monterey Park	17	Irrigation	Park	Monterey Park, City of
18	N18	Edison Trails Park	Monterey Park	10	Irrigation	Park	Monterey Park, City of
19	N19	Pine Tree Park	Monterey Park	7	Irrigation	Park	Monterey Park, City of
20	N20	Cascades Park	Monterey Park	5	Irrigation	Park	Monterey Park, City of
~~*21*~~		~~*Bicknell Park*~~ *(served by one meter with Montebello Golf Course)*[3]	~~*Montebello*~~	~~*0*~~	~~*Irrigation*~~	~~*Park*~~	~~*CalWater*~~
22		*Montebello Golf Course/Bicknell Park*[1]	*Montebello*	*277*	*Irrigation*	*Golf Course*	*CalWater*
23	N23	Montebello City Park	Montebello	33	Irrigation	Park	Montebello Land and

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Water use	Type	Purveyor
24		*Acuna Park[1]*	*Montebello*	*31*	*Irrigation*	*Park*	*Montebello Land and*
25	N25	Rodriguez Park	Montebello	20	Irrigation	Park	South Montebello
26		*Montebello City Hall[1]*	*Montebello*	*19*	*Irrigation*	*Landscaping*	*Montebello Land and Water Co.*
27	N27	Ashiya Park (City of Montebello)	Montebello	11	Irrigation	Park	CalWater
28	N28	Metro Link City Of Montebello	Montebello	11	Irrigation	Landscaping	CalWater
29	N29	Potrero Heights Park	Rosemead	10	Irrigation	Park	San Gabriel Valley Water
30	N30	LA County Parks & Rec	Los Angeles	280	Irrigation	Park	CalWater
31	N31	Belvedere Park	Los Angeles	138	Irrigation	Park	CalWater
32	N32	Obregon Park	Los Angeles	96	Irrigation	Park	CalWater
33	N33	City Terrace Park	Los Angeles	85	Irrigation	Park	CalWater
35	N35	LA County - Parks and Rec Dept	Los Angeles	15	Irrigation	Park	CalWater
36	N36	Atlantic Avenue Park	Los Angeles	11	Irrigation	Park	CalWater
37	N37	LA County - Parks and Rec Dept	Los Angeles	10	Irrigation	Park	CalWater
~~38~~		~~LA County - Parks and Rec Dept[2]~~	~~Los Angeles~~	~~9~~	~~Irrigation~~	~~Park~~	~~CalWater~~
39	N39	LA County - Parks and Rec Dept	Los Angeles	9	Irrigation	Park	CalWater
~~40~~		~~LA County - Parks and Rec Dept[2]~~	~~Los Angeles~~	~~8~~	~~Irrigation~~	~~Park~~	~~CalWater~~
41	N41	LA County - Parks and Rec Dept	Los Angeles	6	Irrigation	Park	CalWater
44	N44	Rosewood Park (City of Commerce)	Commerce	17	Irrigation	Park	CalWater
45	N45	Veterans Park (City of Commerce)	Commerce	12	Irrigation	Park	CalWater
46	N46	Bristow Park	Commerce	11	Irrigation	Park	CalWater
47	N47	Bandini Park	Commerce	10	Irrigation	Park	CalWater
48		*Rio Hondo Spreading Grounds - Los Angeles County PW[1]*		*80*	*Irrigation*	*Spreading Grounds*	*Pico Rivera, City of*
49		*San Gabriel Spreading Grounds - Los Angeles County PW[1]*		*80*	*Irrigation*	*Spreading Grounds*	*Pico Water District*
42	N42	Saybrook Park	East Los Angeles	45	Irrigation	Park	CalWater
43	N43	LA County - Parks and Rec Dept	East Los Angeles	14	Irrigation	Park	CalWater
34	N34	Salazar Park	East Los Angeles	14.1	Irrigation	Park	Calwater
		Ramon Garcia Recreation Center	East Los Angeles	16	Irrigation	Landscaping	Calwater

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Water use	Type	Purveyor
		Boyle Heights Sports Park	East Los Angeles	10	Irrigation	Park	Calwater
		Evergreen Recreation Center	East Los Angeles	13	Irrigation	Landscaping	Calwater
		Lou Costello Jr Youth Center	East Los Angeles	7	Irrigation	Landscaping	Calwater
		Cemeteries					
1	N50	Park Lawn Cemetery	Commerce	33	Irrigation	Cemetery	CalWater
2	N51	Mt. Carmel Cemetery	Commerce	25	Irrigation	Cemetery	Commerce, City of
3	N53	Mt. Olive Memorial Cemetery	Commerce	15	Irrigation	Cemetery	Commerce, City of
4	N52	Russian Cemetery	Commerce	11	Irrigation	Cemetery	CalWater
8	N57	Resurrection Cemetery	Monterey Park	173	Irrigation	Cemetery	San Gabriel Valley Water
		Evergreen Cemetery	East Los Angeles	204	Irrigation	Cemetery	CalWater
		Old Fellows Cemetery	East Los Angeles	64.5	Irrigation	Cemetery	Calwater
5	N54	Serb Untd Benv Socty (Cemetery)	East Los Angeles	18	Irrigation	Cemetery	CalWater
6	N55	New Calvary Cemetery	East Los Angeles	426	Irrigation	Cemetery	CalWater
7	N56	Home of Peace Cemetery	East Los Angeles	93	Irrigation	Cemetery	CalWater
		Other Landscape					
1	N58	Landfill - Foster Wheeler Environmental	Montebello	51	Irrigation	Landfill	CalWater
2	N59	Caltrans D07 (Humphreys 130 N/3rd)	Los Angeles	5	Irrigation	Irrigation	*CalWater*
3	N60	Caltrans D07 (3rd 20 E Of Herbert)	Los Angeles	7	Irrigation	Irrigation	*CalWater*
4	N61	Caltrans D07 (Via Campo & Gerhart)	Los Angeles	7	Irrigation	Irrigation	*CalWater*
5	N62	Caltrans D07 (1st 250 E Of Humpry)	Los Angeles	7	Irrigation	Irrigation	*CalWater*
6	N63	Caltrans D07 (Eagle 240 Of Rowan)	Los Angeles	9	Irrigation	Irrigation	*CalWater*
7	N64	Caltrans D07 (Third 260 E Of Humph)	Los Angeles	9	Irrigation	Irrigation	*CalWater*
8	N65	Caltrans D07 (Floral 90 E O Humpry)	Los Angeles	11	Irrigation	Irrigation	*CalWater*
9	N66	Caltrans D07 (First 120 E Of Ford)	Los Angeles	13	Irrigation	Irrigation	*CalWater*
10	N67	Caltrans D07 (First 120 E Of Ford)	Los Angeles	13	Irrigation	Irrigation	*CalWater*
11	N68	Caltrans D07 (Sydney 270 N Whittier)	Los Angeles	26	Irrigation	Irrigation	*CalWater*
12	N69	LA County - Internal Service Dept	Los Angeles	41	Irrigation	Irrigation	CalWater
13	N70	Caltrans D07 (Floral 210 E O Humph)	Los Angeles	43	Irrigation	Irrigation	*CalWater*
14	N71	Caltrans D07 (I-710 & Hwy 60)	Los Angeles	98	Irrigation	Caltrans	*CalWater*

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Water use	Type	Purveyor
15	N72	Caltrans D07 (I-710 & Hwy 60)	Los Angeles	98	Irrigation	Caltrans	*CalWater*
16	N73	Caltrans D07 (I-710 & I 10)	Monterey Park	70	Irrigation	Caltrans	*Monterey Park, City of*
		Sunrise Elementary School	East Los Angeles	5	Irrigation	School	CalWater
		Hollenbeck Middle School	East Los Angeles	5	Irrigation	School	Calwater
		Boyle Heights High School	East Los Angeles	19	Irrigation	School	Calwater
		Christopher Dena Elementary School	East Los Angeles	--	Irrigation	School	Calwater
		Bishop Mora Salesian High School	East Los Angeles	--	Irrigation	School	Calwater
17	N90	Ramona High School	East Los Angeles	2.6	Irrigation	School	CalWater
18	N91	Stevenson Middle School	East Los Angeles	9.9	Irrigation	School	CalWater
		Schools					
1	N74	Montebello Unified School Dist	Commerce	12	Irrigation	School	CalWater
2	N75	Winter Gardens Elementary School	Los Angeles	3	Irrigation	School	CalWater
3	N76	Eastman Early Education Center	Los Angeles	4	Irrigation	School	CalWater
4	N77	Eastmont Junior High School	Los Angeles	14	Irrigation	School	CalWater
5	N78	Belvedere Elementary School	Los Angeles	15	Irrigation	School	CalWater
6	N79	Ford Boulevard School	Los Angeles	15	Irrigation	School	CalWater
7	N80	Hamasaki Elementary School	Los Angeles	15	Irrigation	School	CalWater
8	N81	Hamasaki Elementary School	Los Angeles	15	Irrigation	School	CalWater
9	N82	Hammel Street School	Los Angeles	15	Irrigation	School	CalWater
10	N83	Humphreys Avenue Sch	Los Angeles	15	Irrigation	School	CalWater
11	N84	LA Unified School District	Los Angeles	16	Irrigation	School	CalWater
12	N85	Whittier School St	Los Angeles	20	Irrigation	School	CalWater
13	N86	Belvedere Middle School	Los Angeles	20	Irrigation	School	CalWater
14	N87	City Terrrace School	Los Angeles	20	Irrigation	School	CalWater
15	N88	Eastman Junior High School	Los Angeles	20	Irrigation	School	CalWater
16	N89	Griffith Middle School	Los Angeles	20	Irrigation	School	CalWater
19		*Wilcox Elementary School*[1]	*Montebello*	*5*	*Irrigation*	*School*	*CalWater*
20	N93	Cantwell/Sacred Heart High School	Montebello	15	Irrigation	School	CalWater
21	N94	Montebello Intermediate School	Montebello	20	Irrigation	School	Montebello Land and

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Water use	Type	Purveyor
22	N95	Montebello High School	Montebello	30	Irrigation	School	Montebello Land and
23	N96	Faith Lutheran Day Care Ctr	Monterey Park	21	Irrigation	School	Monterey Park, City of
24	N97	Alhambra School District: Ynez	Monterey Park	45	Irrigation	School	Monterey Park, City of
25	N98	St Stephen Catholic School	Monterey Park	56	Irrigation	School	Monterey Park, City of
26	N99	Don Bosco Tech High School	Rosemead	215 *(43.63)*[4]	Irrigation	School	San Gabriel Valley Water
27	N100	Potrero Heights Elementary School	South San Gabirel	50 *(7.5)*[4]	Irrigation	School	San Gabriel Valley Water
28	N101	East Los Angeles College	Monterey Park	86	Irrigation	School	CalWater
29	N102	Valencia School	Pico Rivera	5	Irrigation	School	Pico Water District
30	N103	Durfee Elementary School	Pico Rivera	12	Irrigation	School	Pico Rivera, City of
31	N104	Pio Pico Elementary School	Pico Rivera	14	Irrigation	School	Pico Rivera, City of
32	N105	North Park Jr High School (aka Middle	Pico Rivera	14	Irrigation	School	Pico Water District
33	N106	Birney School	Pico Rivera	15	Irrigation	School	Pico Rivera, City of
34	N107	Magee Elementary School	Pico Rivera	15	Irrigation	School	Pico Rivera, City of
35	N108	Maizeland Child Care Center	Pico Rivera	15	Irrigation	School	Pico Rivera, City of
36	N109	North Ranchito Elementary School	Pico Rivera	15	Irrigation	School	Pico Water District
37		*Rio Vista Elementary School*[1]	*Pico Rivera*	*20*	*Irrigation*	*School*	*Pico Water District*
38	N111	Rivera Junior High School	Pico Rivera	20	Irrigation	School	Pico Rivera, City of
39		*Meller Elementary School*[1]	*Pico Rivera*	*20*	*Irrigation*	*School*	*Pico Water District*
40	N113	Burke Jr. High	Pico Rivera	30	Irrigation	School	Pico Rivera, City of
41		*El Rancho Adult School*[1]	*Pico Rivera*	*30*	*Irrigation*	*School*	*Pico Water District*
42	N115	Rivera Elementary School	Pico Rivera	41	Irrigation	School	Pico Rivera, City of
		Office/Commercial Landscape					
1	N116	Gruma Corporation	Commerce	73	Irrigation	Property Mgt	CalWater
		Industrial					
1	N117	GE Mobile Water, Inc.	Pico Rivera	134	Process	Conditioning	Pico Rivera, City of
2	N118	Cintas Corp.	Pico Rivera	100	Industrial	Laundry	Pico Rivera, City of
3	N119	LA County Sanitation (WtE facility)	Commerce	276	Industrial	Power Plant	CalWater
4	N120	Lafayette Textile Industries, LLC	Los Angeles	258	Process	Textile Dying	Cal Water
5	N121	LA Industrial Laundry	Montebello	257	Industrial	Laundry	Montebello Land and

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Water use	Type	Purveyor
6	N122	Color America Textile	Los Angeles	240	Industrial	Fabric	CalWater
7	N124	Aramark Uniform Services	Los Angeles	221	Washing	Commercial	Cal Water
8	N124	Industry Emery	Commerce	151	Industrial	Distribution Center	CalWater
9	N125	George Industries	Los Angeles	118	Industrial	Metals	CalWater
10	N126	Westerntex Industries	Commerce	111	Industrial	Fabric	CalWater
11	N127	Kaiser Aluminum	Commerce	97	Industrial	Metals	CalWater
12	N128	Anderson Lithograph	Commerce	82	Industrial	Printing	CalWater
13	N129	OEM Corp.	Los Angeles	75	Industrial		CalWater
14	N130	Los Angeles Dye and Wash Co	Commerce	66	Industrial	Fabric	CalWater
~~15~~		~~The Clorox Co~~ (City of Vernon)[3]	~~Los Angeles~~		~~Industrial~~	~~Chemical~~	~~CalWater~~
16	N132	Polychemie Inc	Los Angeles	60	Industrial	Chemical	CalWater
17	N133	Pacific Tube Company	Commerce	53	Industrial		CalWater
18	N134	James River Corp	Commerce	53	Industrial	Paper	CalWater
		Seoul Texprint	East Los Angeles	64	Industrial	Printing	Calwater
		E&C Fashion	East Los Angeles	90	Industrial	Fabric	Calwater
		Developer w/ Cooling Towers	East Los Angeles	385	Industrial	Cooling Tower	Calwater
		Total Customers Assessed: Final Potential Customers included in Analysis: Total Usage Analyzed:		146 139 7386			

[1] Customers identified and included in alternative analysis as “near-term” connections.

[2] Customers removed by CBMWD and not included in alternative analysis.

[3] Omitted customers due to erroneous inputs as specified.

[4] Revised demand (AFY) identified after alternative analysis.

Table 2-3. Southeast Usage Data

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Wateruse	Type	Purveyor
		Parks, Medians, Parkways					
1	SE1	La Mirada Golf Course	La Mirada	240.1	Irrigation	Golf Course	Suburban Water Systems
2	SE2	Friendly Hills Country Club	Whittier	249	Irrigation	Golf Course	Suburban Water Systems
3	SE3	La Mirada, City of/Frontier Park (6 acres)	La Mirada	10.0	Irrigation	Park	Golden State Water Company
4	SE4	La Mirada Regional Park (L.A. County - 100 acres)	La Mirada	171.8	Irrigation	Park	Suburban Water Systems
5	SE5	La Mirada, City of/Los Coyotes Athletic Facility (10 acres)	La Mirada	28.3	Irrigation	Park	Suburban Water Systems
6	SE6	La Mirada, City of	La Mirada	25.8	Irrigation	Park	Suburban Water Systems
7	SE7	Olive Lawn Memorial Park	La Mirada	16.2	Irrigation	Park	Suburban Water Systems
8	SE8	La Mirada, City of/Kling Center Athletic Fields (leased from Norwalk-La Mirada USD)	La Mirada	13.9	Irrigation	Park	Suburban Water Systems
9	SE9	La Mirada, City of/Gardenhill Park (6 acres)	La Mirada	12.2	Irrigation	Park	Suburban Water Systems
10	SE10	La Mirada, City of/Windermere Park (5 acres)	La Mirada	9.4	Irrigation	Park	Suburban Water Systems
11	SE11	Anna J. Martin Park	La Mirada	8.2	Irrigation	Park	Suburban Water Systems
12	SE12	La Mirada, City of/Neff Park (10 acres)	La Mirada	5.6	Irrigation	Park	Suburban Water Systems
13	SE13	La Mirada Regional Park (La Mirada owned/maintained)	La Mirada	3.0	Irrigation	Park	Suburban Water Systems
14	SE14	La Mirada, City of/Behringer Athletic Facility (9.5 acres)	La Mirada	29.0	Irrigation	Park	Suburban Water Systems
15	SE15	La Mirada, City of/La Mirada Creek Park (26 acres)	La Mirada	1.7	Irrigation	Park	Suburban Water Systems
16	SE16	La Mirada Blvd. Medians	La Mirada	22.9	Irrigation	Medians	Suburban Water Systems
17	SE17	City Hall - La Mirada, City of	La Mirada	13.0	Irrigation	Government	Suburban Water Systems
18	SE18	La Mirada, City of	La Mirada	33.4	Irrigation	Parkway	Suburban Water Systems

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Wateruse	Type	Purveyor
19	SE19	La Mirada, City of	La Mirada	13.2	Irrigation	Parkway	Suburban Water Systems
20	SE20	La Mirada, City of	La Mirada	12.0	Irrigation		Suburban Water Systems
		Schools					
1	SE21	Southern California University	Whittier	53.0	Irrigation	School	Suburban Water Systems
2	SE22	La Mirada High School	La Mirada	50.1	Irrigation	School	Suburban Water Systems
3	SE23	Reginold Benton Middle School - Norwalk/La Mirada School District	La Mirada	34.4	Irrigation	School	Suburban Water Systems
4	SE24	Lowell Joint School District	La Mirada	25.4	Irrigation	School	Suburban Water Systems
5	SE25	Norwalk/La Mirada School District	La Mirada	24.3	Irrigation	School	Suburban Water Systems
6	SE26	Eastwood Elementary	La Mirada	18.1	Irrigation	School	Suburban Water Systems
7	SE27	Gardenhill School	La Mirada	17.6	Irrigation	School	Suburban Water Systems
8	SE28	El Camino School (Norwalk/La Mirada School District)	Whittier	17.6	Irrigation	School	Suburban Water Systems
9	SE29	La Mirada Heights Christian (Family Resource Ministries)	La Mirada	16.6	Irrigation	School	Suburban Water Systems
10	SE30	La Pluma School	La Mirada	16.5	Irrigation	School	Suburban Water Systems
11	SE31	Lowell Joint School District	La Mirada	14.6	Irrigation	School	Suburban Water Systems
12	SE32	Whittier Christian	La Mirada	13.5	Irrigation	School	Suburban Water Systems
13	SE33	La Mirada Adult Center - Norwalk/La Mirada School District	La Mirada	12.3	Irrigation	School	Suburban Water Systems
14	SE34	Hutchinson School	La Mirada	11.5	Irrigation	School	Suburban Water Systems
15	SE35	Escalona Elementary School	La Mirada	9.9	Irrigation	School	Suburban Water Systems
16	SE36	El Camino High School	La Mirada	7.5	Irrigation	School	Suburban Water Systems
17	SE37	Biola University	La Mirada	134.0	Irrigation	School	Suburban Water Systems
18	SE38	Norwalk/La Mirada School District	La Mirada	13.0	Irrigation	School	Suburban Water Systems
19	SE39	Norwalk/La Mirada School District	La Mirada	11.0	Irrigation	School	Suburban Water Systems
~~20~~		~~Norwalk/La Mirada School District[2]~~	~~La Mirada~~	~~10.0~~	~~Irrigation~~	~~School~~	~~Suburban Water Systems~~
21	SE41	California H.S. (Whittier Union High School District)	Whittier	72.6	Irrigation	School	Suburban Water Systems
22	SE42	Whittier College	Whittier	118.3	Irrigation	School	City of Whittier

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Wateruse	Type	Purveyor
23	SE43	Hoover Elementary School	Whittier	5.5	Irrigation	School	City of Whittier
24	SE44	Longfellow Elementary School	Whittier	17.5	Irrigation	School	City of Whittier
25	SE45	Jackson Elementary School	Whittier	6.6	Irrigation	School	City of Whittier
26	SE46	Dexter Middle School	Whittier	27.2	Irrigation	School	City of Whittier
27	SE47	Orange Grove School	Whittier	15.0	Irrigation	School	City of Whittier
28	SE48	Lincoln School	Whittier	4.2	Irrigation	School	City of Whittier
29	SE49	Ocean Veiw Elementary School	Whittier	18.3	Irrigation	School	City of Whittier
30	SE50	Whittier H.S. (Whittier Union High School District)	Whittier	33.6	Irrigation	School	City of Whittier
		Office/Commercial Landscape					
1	SE51	Presbyterian Hospital	Whittier	220.0	Irrigation	Hospital	City of Whittier
2	SE52	Park Development, Inc.	La Mirada	46.0	Irrigation		Suburban Water Systems
		Industrial					
1	SE53	LA County Mech (At La Mirada Regional Park)	La Mirada	84.9	Industrial		Suburban Water Systems

Total Customers Assessed:	53
Final Potential Customers included in Analysis:	52
Total Usage Analyzed:	2,088.7

[2] Customers removed by CBMWD and not included in final analysis.

Table 2-4. West Region Usage Data

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Wateruse	Type	Purveyor
		Office/Commercial Landscape					
1	W1	Eshag & Eskandar Kahen DBA Morris	Los Angeles	29	Irrigation		LADWP
2	W2	Wyvernwood Development	Los Angeles	64	Irrigation	Property Mgt	LADWP
		Industrial					
1	W3	US Namsung Textile, Inc (Fantasy Dyeing & Finishing Inc.)	Vernon	330	Industrial	Fabric	CalWater
2	W4	Exide Technologies	Vernon	150	Industrial	Manufacturing	CalWater
3	W5	On Target Laundry LLC	Vernon	65	Industrial	Laundry	CalWater
4	W7	Exide Technologies	Vernon	12	Industrial	Manufacturing	CalWater
5	W6	Keshbaff Knitting, Inc.	Los Angeles	322	Industrial	Fabric	LADWP
6	W8	Matheson Tri-Gas	Vernon	150	Industrial		Maywood Mutual #3
7	W9	Kal Kan Foods Inc (Master Foods)	Vernon	709			Unclear
8	W10	The Clorox Co	Vernon	72			CalWater
9	W11	Clougherty Packing Co., LLC	Vernon	991	Industrial	Meat Packing	Vernon, City of
	~~W12~~	~~Bicent/MGS~~[3]	~~Vernon~~	~~743.30~~			
10	W13	A's Match Dyeing Co. Inc.	Vernon	499	Industrial	Fabric	Vernon, City of
11	W14	Unipolo Fabric Corp	Vernon	423	Industrial	Fabric	Vernon, City of
12	W15	JDS Finishing, Inc (DBA Fantasy Activewear Inc.)	Vernon	313	Industrial	Fabric	Vernon, City of
13	W16	7-up Bottling Company	Vernon	288	Industrial	Bottling	Vernon, City of
14	W17	Dyesoft, Inc.	Vernon	254	Industrial	Fabric	Vernon, City of
15	W18	Overhill Farms, Inc. (Main Site)	Vernon	171	Industrial	Food Manufacturer	Vernon, City of
16	W19	Owens Illinois, Inc.	Vernon	158	Industrial	Manufacturing	Vernon, City of
17	W20	FJ Food Service Inc	Vernon	145	Industrial		Vernon, City of
18	W21	Denim Tech LLC	Vernon	124	Industrial		Vernon, City of
19	W22	Pabco Paper Products Co.	Vernon	122	Industrial	Paper	Vernon, City of
20	W23	The Union Ice Company	Vernon	115	Industrial		Vernon, City of

Original Designation	Final Designation	Username	City	Average Consumption (AFY)	Wateruse	Type	Purveyor
21	W24	United Food Group	Vernon	112	Industrial	Food Processing	Vernon, City of
22	W25	Camino Real Foods	Vernon	111	Industrial		Vernon, City of
23	W26	Versacold MS #12	Vernon	108	Industrial		Vernon, City of
24	W27	Cargill-Continentl	Vernon	102	Industrial		Vernon, City of
25	W28	Service Packing	Vernon	102	Industrial	Manufacturing	Vernon, City of
26	W29	Royal Printex Inc	Vernon	92	Industrial	Printing	Vernon, City of
27	W30	Complete Garment, Inc	Vernon	88	Industrial	Fabric	Vernon, City of
28	W31	Packaging Adv Corp	Vernon	85	Industrial	Paper	Vernon, City of
29	W32	Square-H Brands Inc (Bill Baileys Meat Packing)	Vernon	76	Industrial	Meat Packing	Vernon, City of
30	W33	RBR Meat Co	Vernon	69	Industrial	Meat	Vernon, City of
31	W34	Ameripride	Vernon	68	Industrial	Laundry	Vernon, City of
32	W35	Red Chamber Co	Vernon	57	Industrial		Vernon, City of
33	W36	Conceptual Textile Printing	Vernon	54	Industrial	Textile	Vernon, City of
34	W37	Moonstar MFG (formerly Ramcorp Professional Services)	Vernon	49	Industrial	Cleaning	Vernon, City of
35	W38	Packers Investments	Vernon	48	Industrial	Meat Packing	Vernon, City of
36	W39	JDS Finishing, Inc (Cotton World)	Vernon	484	Industrial	Fabric	Vernon, City of

Total Customers Assessed:	39
Final Potential Customers included in Analysis:	38
Total Usage Analyzed:	7,207

[3] Omitted customers due to erroneous inputs as specified.

III. Final Potential Customers

As previously noted, the list of identified potential customers was reduced by removing near-term customers defined as customers that are currently within the process of connecting to the existing recycled water system.

Based on the refined list of potential customers, Table 2-5 includes a summary of the final potential customers included in the alternative analysis as described in Chapter 3. It is important to note that additional corrections to usage demands were later provided after analysis. These revisions are shown in parentheses in Tables 2-2 through 2-4 for reference only. Figures 2-5 through 2-7 include region maps showing the location of these potential customers and their analyzed potential demand.

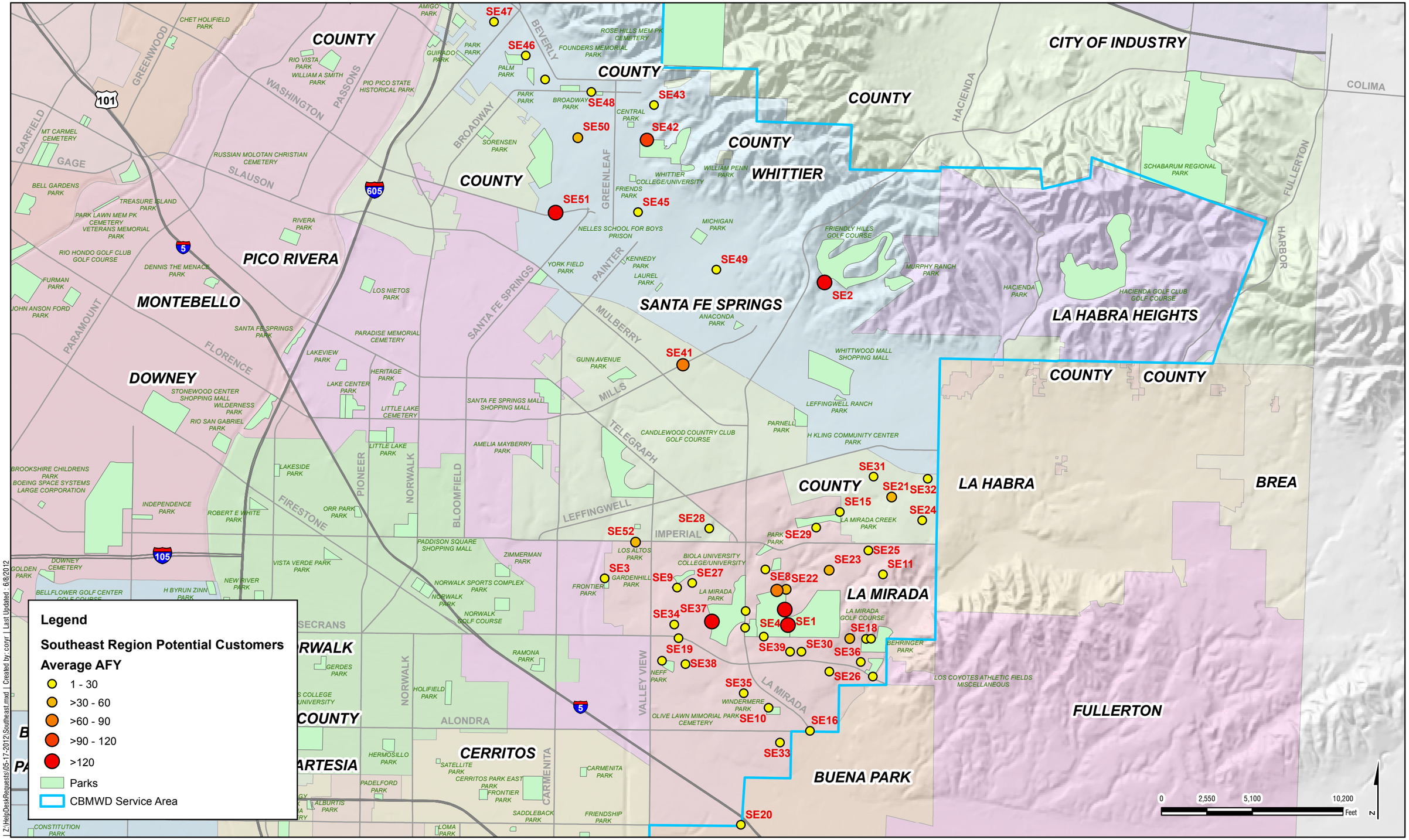
Table 2-5. Final Potential Customers

Region	Potential # of Customers	Potential Demand, AFY
North	139	7,386
Southeast	52	2,099
West	38	7,207

IV. Definition of Logical Service Area Based on Results of Market Assessment

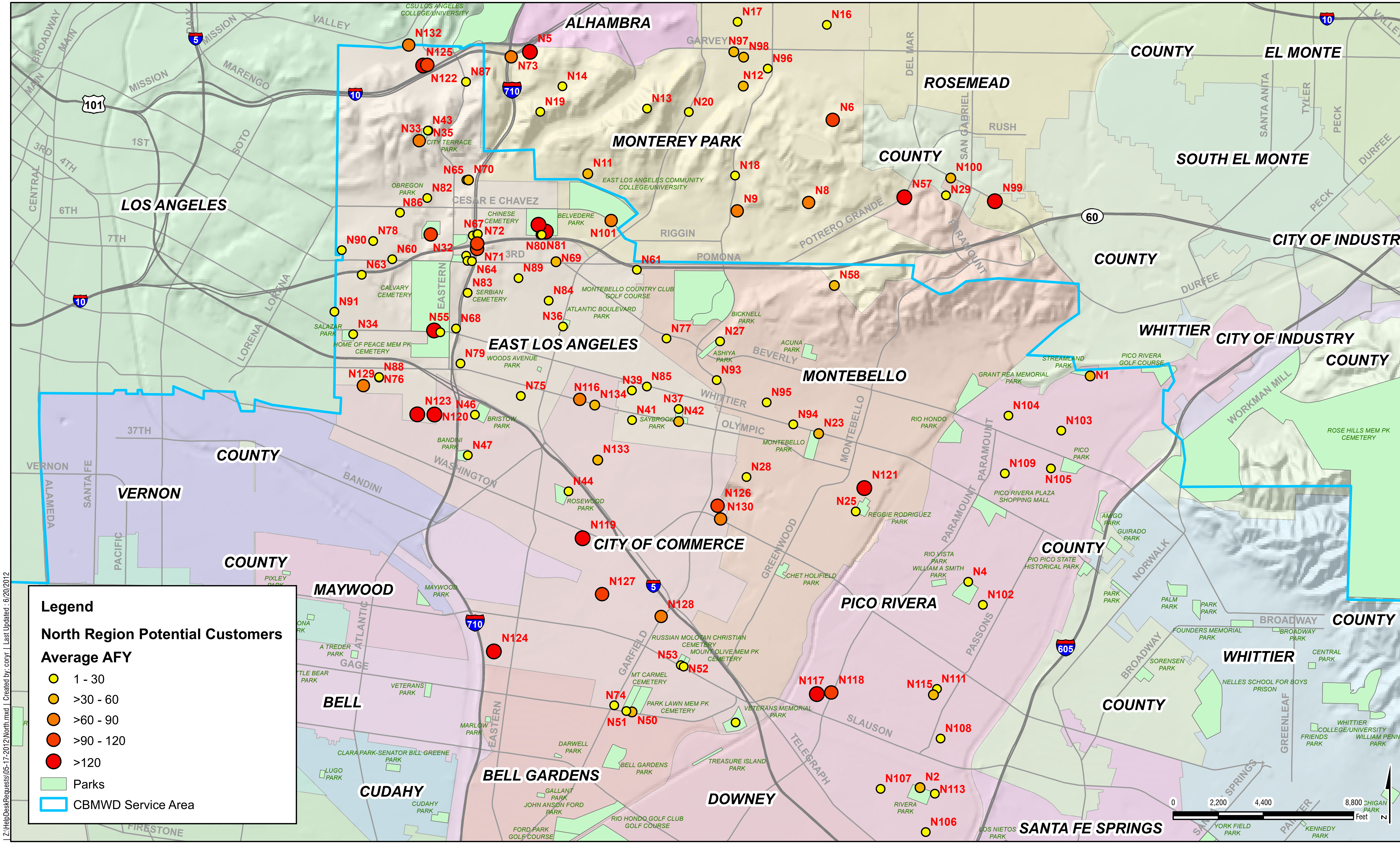
As discussed earlier in this chapter, the future potential recycled water customers were identified based on several discussions with CBMWD. These potential customers are located in three distinct regions, the northern, southeastern, and western portions, of the service area. In an effort to verify the economic feasibility of converting customers from potable water to recycled water an economic analysis was conducted using an "economic benchmark" approach. The economic benchmark was originally a unit-cost-based value (dollars per acre foot); however, after discussions with the CBMWD, it was decided that a payback term of 20 years would be used as an alternative benchmark.

The customers that met the economic benchmark for each region are now proposed in the system expansion as described in Chapter 3.



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CBMWD Potential Customer Identification - Southeast Region
FIGURE 2-6



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CBMWD Potential Customer Identification - North Region

FIGURE 2-7

3. PROJECT ALTERNATIVE ANALYSIS

An evaluation of the existing and proposed recycled water system is required to identify what impacts the additional demands of near-term and future customers will have in relation to system infrastructure, operation, and system pressure. A two-step approach was used for the alternative analysis. The first step focused on the cost-effectiveness evaluation of reaching new customers, while the second step focused on a hydraulic evaluation of the recycled water system as a whole. The CBMWD hydraulic model was used to evaluate the hydraulic performance of the existing network and the proposed system expansion.

Following the initial project alternate analysis, an additional alternative analysis was performed for the East Los Angeles Expansion. The same two-step approach was used for the additional alternative analysis.

A. PLANNING CRITERIA

Planning criteria and basic cost data presented in this report apply to conceptual or planning-level design of recycled water system components. Detailed drawings and specifications are not applicable to this level of study. For facility planning purposes, a close approximation of size, location, and cost of various facilities has been developed. Based on these results some relocation and resizing of facilities may be required at a later date as more detailed engineering analyses are completed during preliminary or final design.

I. Hydraulic Criteria

Based on several discussions with CBMWD, the planning criteria that were developed for this master plan update include:

- Maximum Pressure: no more than 130 psi for all the model nodes
- Minimum Pressure: no less than 40 psi for all the model nodes
- Maximum Velocity: no more than 6 ft/s for all the model pipes

The 6 ft/s maximum velocity is slightly higher than what is typically used. It was chosen to offset the potential over-conservative demand patterns implemented in the hydraulic model.

II. Economic Analysis

Economic analysis considers only future costs and benefits affecting current decision-making. It generally disregards prior expenditures as “sunk” costs that do not affect current decisions.

A key distinction must be made at this point. An economic analysis tends to focus on the basic opportunity costs of goods and services and related benefits at present value or worth; a financial analysis tends to focus on actual costs (regardless of worth) at time of transaction and related expenditures and necessary revenues. An economic analysis tends to answer the question, “Is this project a good value—is it worth building?” A financial analysis tends to answer the question, “Can we afford to build it?” For a given project to be implemented, it is highly preferable to obtain an

affirmative answer to both questions. Economic analysis is covered in Chapters 3 and 4; financial analysis is covered in Chapter 5.

General Approach

The general approach to economic analysis herein is patterned after the unified annual cost approach. This approach has been used for many years and has six steps:

1. Determined facility or system capital (construction) costs as noted above
2. Determine facility or system annualized capital costs
3. Determine facility or system operational costs as noted above (where relevant in comparative analyses)
4. Determine facility or system total annual cost
5. Determine facility or system benefits and a comparative economic benchmark
6. Determine facility or system unit costs and compare with the economic benchmark

Results of Step 1 are not only used for economic analysis but also for the recommended alternative, which forms the basis for the capital improvement plan. The economic benchmark noted in step 5 is used for both facility-level and system-level analyses. Since the key goal of a successful recycled water project is cost-effectively delivering a volume of water that satisfies demand, results of Step 6 are expressed in dollars spent per AF of water delivered.

Key Factors

Several factors are used in economic analysis: facility planning period, facility useful life, discount rate, and inflation rate.

The facility planning period is taken as five years as noted earlier in this chapter. Economic analysis focuses on monetary transactions during this period.

Facility useful life is the estimated period of time during which the facility is capable of performing its function. Useful lives characterize major facilities in life-cycle cost analyses. These lives may be longer or shorter than the planning period. A summary of relevant useful lives is provided in Table 3-2.

Table 3-1. Facility Useful Lives

Facility	Useful Life
Pipelines	50 years
On-Site Facilities	20 years
Pumping Stations	20 years
Storage Reservoirs	50 years
Pressure-Reducing Stations	20 years

The discount rate is the interest rate used in the economic comparison of facility or system alternatives. It is the representation of the time value of money, i.e., a dollar available today is worth more to the holder than a dollar received in the future, because a dollar received today can

immediately benefit the holder. The discount rate is used to adjust dollars received or spent at different times to dollars of a common value, which in this study is present day, or more precisely, plan baseline-year dollars. The discount rate is not the interest rate that may be obtained in actually funding project facilities nor is it an inflation factor. For this study the discount rate is set at 5%.

An inflation rate is the rate of increase over time in the price of goods and services. The rate typically varies over time, often varies over different parts of the country, and may vary across different goods and services, e.g., the inflation rate for energy may be different than the rate for piping materials. The latter difference is often termed "differential" inflation. Because an economic analysis seeks to compare true facility costs using dollars of common value, costs are held constant over time, except for those items experiencing (or projected to experience) differential inflation. Actual consideration for inflation in this study is discussed in Chapter 5.

Economic Benchmark

The economic benchmark represents the lower limit of facility or system cost-effectiveness for CBMWD's recycled water system. It should characterize the most relevant and realistic—hence, meaningful—market competition for a candidate recycled water system expansion. It does not have to be meaningful as a benchmark for another agency's system. For a recycled water system the primary issue is off-loading current and/or future potable water supply. Therefore, the economic benchmark is often derived from the best competing potable water project and is expressed in dollars per AF. This RWFP does not use the typical approach but instead uses a benchmark analysis tool that aims to include facilities with a 20-year payback.

Facility-Level Analysis

Facility-level economic analyses for recycled water distribution pipelines typically involve two determinations: (1) which use sites merit construction of a distribution pipeline to serve them and, often in conjunction, (2) which alignment is best for a given distribution pipeline. In this relatively restricted consideration, only demand volumes and proximity to existing or already-justified planned pipelines are generally important. A potential distribution pipeline addition is considered cost-effective if its unit cost in dollars per AF is less than the economic benchmark. For this project the economic benchmark was expressed in term of a payback time, using related calculations. Facility-level analysis is discussed in Chapter 3.

Facility-level economic analyses may be performed for distribution pumping and storage facilities. In these analyses, typical focus is on construction costs and operating costs with respect to energy use. Cost-effectiveness is again governed by the economic benchmark. Within that, comparisons among facilities or combinations of facilities are generally relative.

System-Level Analysis

System-level economic analyses involve all the determinations listed above in the general approach, which include both initial construction costs as well as facility life-cycle considerations. The following determinations are made in the baseline year for expenditures over the 5-year planning period:

1. Project yield (planned demand satisfied)
2. Construction costs for all planned project facilities
3. Total project cost
4. Annualized total project cost
5. Unit cost from the ultimate project demand and annualized total project cost

A potential system expansion alternative is considered cost-effective if its unit cost in dollars per AF is less than the economic benchmark. System-level analysis is discussed in Chapter 4.

B. PIPELINE ALIGNMENT ALTERNATIVE ANALYSIS

As discussed previously, the connections of future customers and pipelines alignment alternatives were based on the identified potential RW customers from the market assessment task. These customers were geographically located and analyzed to determine the cost effectiveness of their connection to the CBMWD system.

Using CBMWD's GIS, potential RW customers were geocoded and plotted to analyze if they should be incorporated in the RW system. Approximately 228 customers were identified as potential future RW customers and analyzed following specific criteria. These customers were located at their current potable water irrigation meters for the analysis. CBMWD have utilized a decision making tool based on an economic benchmark related to customer demand, length of pipe (or service connection), and a recovery factor. In essence, this tool is a cost-effectiveness test for service connection to all new RW customers. Appendix 3 shows a sample of the benchmark tool with a payback of 10 years.

Some new customers were located along the existing system and would be connected without using the benchmark tool. These customers were assumed to be connected with a typical service lateral and considered an on-site implementation project. For those customers located outside the existing system and beyond the length of a typical service lateral the benchmark tool was used.

Once all potential customers not immediately adjacent to the existing system were identified, the cost-benefit test was applied to both individual customers and clusters of customers. At first, each of these potential customers were connected by a reach of pipe and analyzed based on a cost benefit ratio not to surpass a $900 per acre-feet, which was representative for CBMWD. After discussions with CBMWD, a different benchmark value based on payback terms was used. As a result, the economic benchmark chosen for this project was a payback term of 20 years.

The GIS was instrumental in obtaining accurate lengths between the points of connection from the existing system and also distances between each customer along a common road. A large map was also created in which each potential customer was plotted with peak demand and account number

information. These sources of data provided all data required to load the benchmark tool and begin the process of creating future pipeline alignments.

The entire service area was subdivided into arbitrary portions with pipe reaches created based on the most feasible route to reach new customers. It is anticipated that several customers will be included in the system expansion assuming that a larger service lateral (longer length than typical) would be constructed to connect a customer. If an extended service lateral is not possible, its current irrigation meter would have to be moved closer to the end of the new pipe reach. This criterion will be used to capture customers with significant demands that otherwise would not have been included in the system expansion because they did not satisfy the measure of cost effectiveness specified in the benchmark tool.

Because four major customers in the southeast area of expansion, La Mirada Golf Course, La Mirada Park, Biola University and La Mirada High School, are relatively far from the existing system, CBMWD suggested two pipeline alignment alternatives to connect those customers. The first alignment would connect the existing RW system near the Snowmaker and Lakeland intersection, and then going east towards Telegraph Avenue to continue in the southeast direction. After carefully evaluating this route, CBMWD decided not to include it in the analysis because Telegraph Avenue is a heavy congested road, aggravating any new construction. Consequently, the second alignment was chosen for the analysis (benchmark tool) which connects into the RW existing system near the Bonavista and Gannet intersection (currently the south most point in the system).

In 2013, additional potential users in the East Los Angeles area were included in addition to the 6 East Los Angeles customers analyzed in the 2011 report. An alternative analysis with revised pipeline alignments was evaluated for the extension into East Los Angeles to serve Evergreen Cemetery. Evergreen Cemetery is one of the oldest and largest cemeteries in the City of Los Angeles, originally established in 1877. Evergreen Cemetery has over 300,000 interments on the 67 acre site, and has several prominent individuals of historical significance on its grounds. Four alignment alternatives were considered, each beginning at the connection to the existing system at Boyle Ave. and East 50th St., and terminating at Evergreen Cemetery. The 4th alternative was chosen by CBMWD and it included a pipeline to serve the Calvary Cemetery, which was not included in the other alternatives. The same analysis with benchmark values based on payback terms was used for each of these alternatives.

As a result of the cost-benefit test applied to new reaches of pipe connecting potential customers (benchmark tool analysis), the expanded system was created. After connecting all pipes mentioned above with nominal pipe diameters, the hydraulic model was used to finalize the pipe diameter, determine future facility sizing requirements, and identify new infrastructure needed to provide an adequate level of service while keeping pipe velocities and head losses under industry standards. The results of the hydraulic evaluation will determine the recycled water system improvements.

The following paragraphs describe the CBMWD existing RW system, the hydraulic model updates, refinements, and validation processes and provides a summary of the deficiency analysis performed

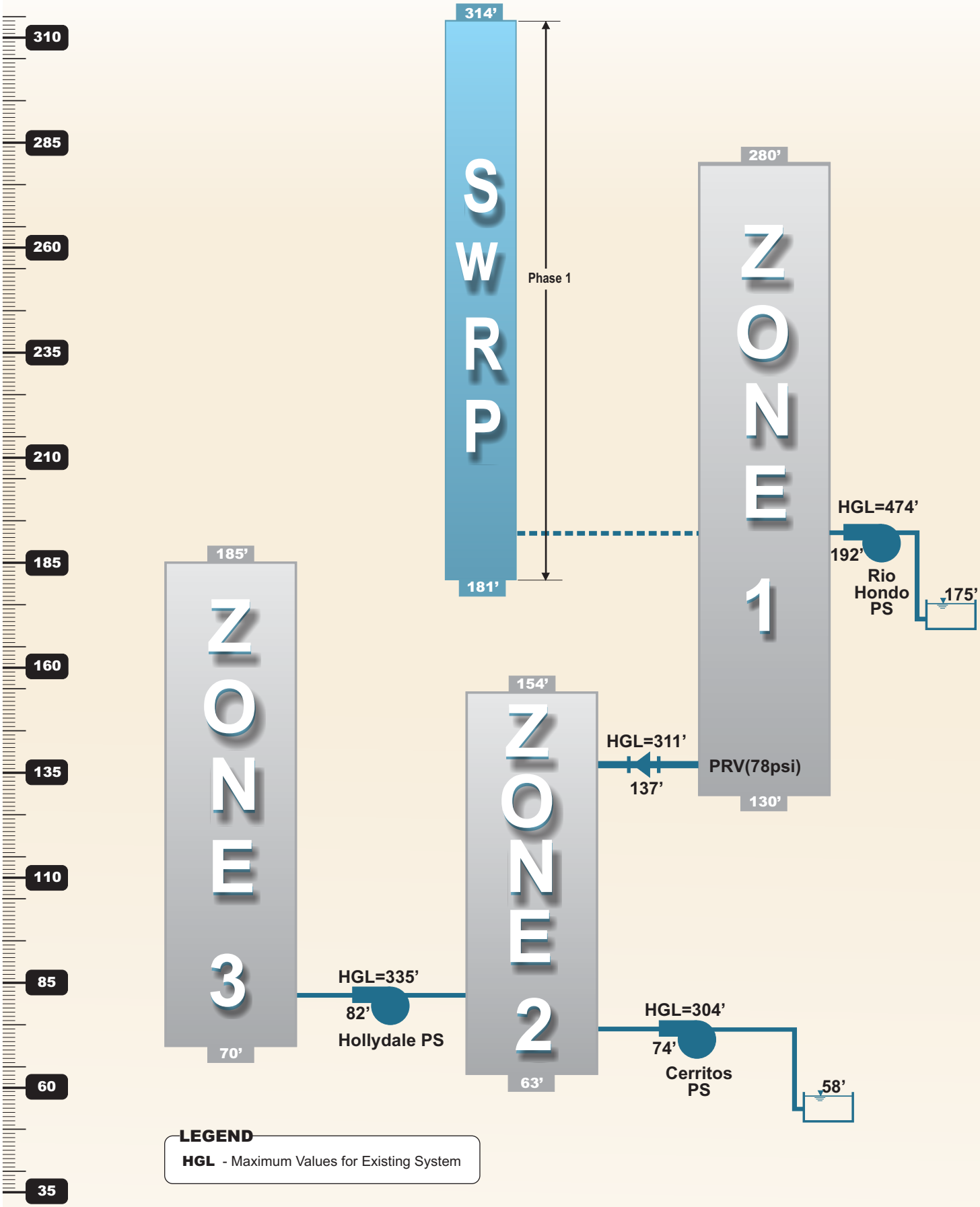
in the system as well as the recommended system improvements. These improvements are necessary to accommodate the expansion recommended by the benchmark tool analysis.

I. Existing System Description

The existing CBMWD recycled water system is divided into three pressure zones. Zone 1 in the north serves Pico Rivera and Whittier and is supplied from the Rio Hondo Pumping Station (RHPS). To the south is Zone 2, which can receive water from Zone 1 through a pressure-reducing valve (PRV) or from the Cerritos pumping station (PS) through variable frequency drives currently set to maintain Cerritos system pressures at 100 psi. For the CBMWD system, supply is limited by CSDLAC contract to delivering no more than 10,000 gpm instantaneous, with an annual supply not to exceed 8,000 AFY. The cities of Santa Fe Springs, Norwalk, Bellflower, Paramount, Downey and Bell Gardens are supplied from Zone 2.

Zone 3 lies in the western portion of the service area and is supplied through the Hollydale PS from Zone 2. Zone 3 serves the communities of Lynwood, South Gate, Cudahy, Bell, Huntington Park, Maywood and Vernon. All three zones make a hydraulically closed system; that is, there is no storage to buffer customer demands. Because of this, and since water can be fed from Zone 1 into Zone 2 but not in the other direction, RHPS needs to be operational whenever there are demands in Zone 1. Figure 3-1 shows the schematic hydraulic profile of the existing RW system.

As the operation of the recycled water system cannot be evaluated with an isolated view of just the new customers due to the movement of water from one pressure zone to another and with two water sources, the hydraulic analysis encompasses all aspects of the recycled water system from PRV settings to pumping station operations. The objective of the evaluation was to identify system improvements and operations that will meet the identified system demands with sufficient water volumes at adequate pressures. Our evaluation was based upon the best available historic and projected water usage data. Customer changes in operations and demands can significantly alter the actual system conditions experienced.

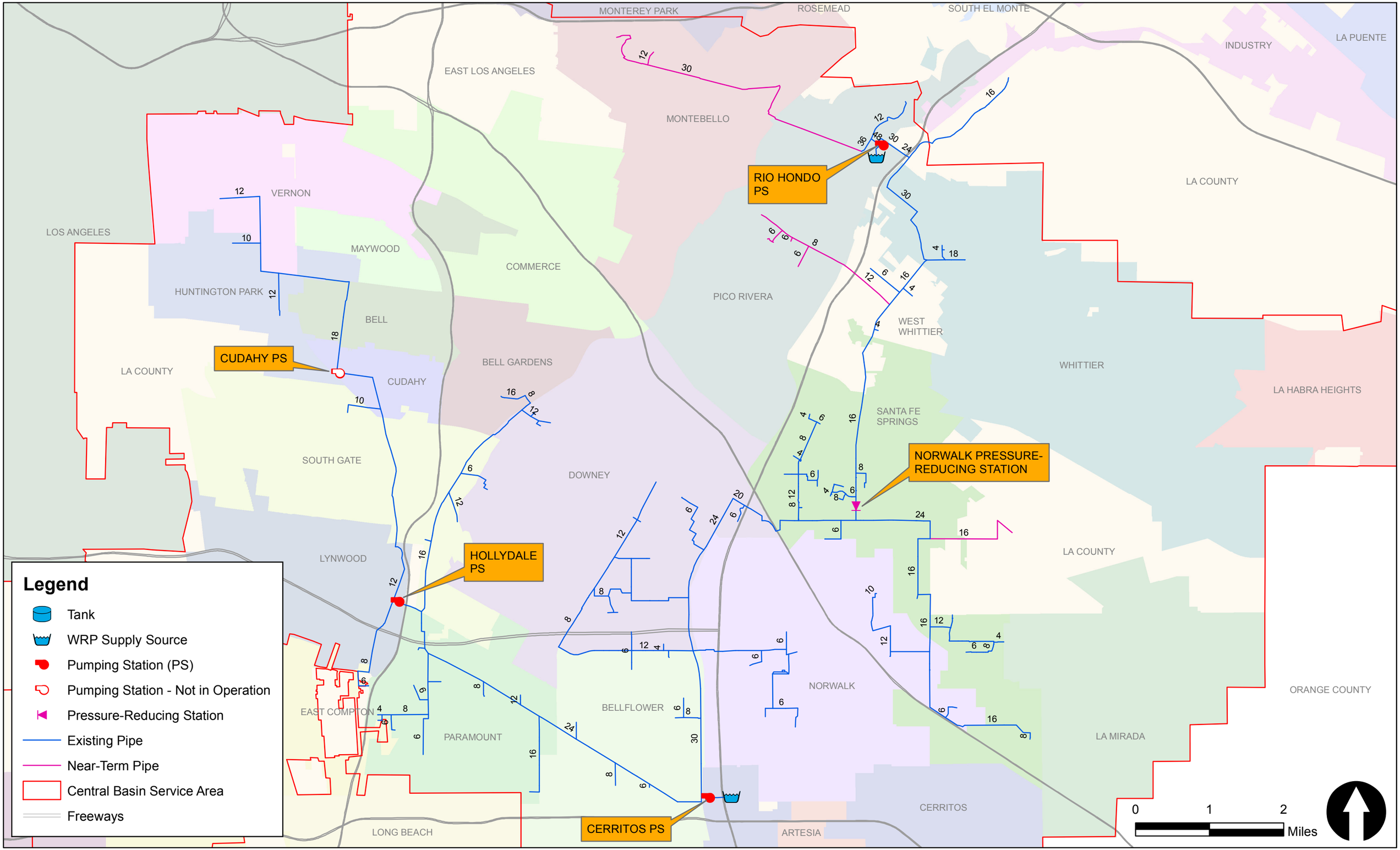


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CENTRAL BASIN MUNICIPAL WATER DISTRICT

Existing RW System Hydraulic Schematic

Figure 3-1



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Existing RW System
FIGURE 2-3

A summary of the existing recycled water facilities and their operational information as used in the hydraulic model is presented in Table 3-2. Figure 3-2 shows the layout of the existing RW system.

Table 3-2. RW Facilities Represented in the Hydraulic Model

	Rio Hondo PS (a)	PRV to Zone 2 (b)	Cerritos PS (c)	Hollydale PS (d)
Discharge elevation	192 ft	135 ft	69 ft	82 ft
Pressure discharge setting	126 psi	78, 80, & 82 psi	100 psi	76 psi at Cudahy PS (J4170)
Number of pump units	Two VFD 7,350 gpm, 301 ft	Three 6-inch valves	Three VFD 3,700 gpm, 254 ft	Two VFD 1,400 gpm, 190 ft
Available suction head	175 ft	varies	58 ft	varies

a) Rio Hondo PS was modeled with a PRV set at 126 psi to keep pressures under 145 psi near the Norwalk PRV to Zone 2

b) PRV to Zone 2 facility is modeled as a single unit with settings ranging from 65 to 78 psi according to the hydraulic simulation

c) Cerritos PS was modeled with a PRV set at 95 psi based on SCADA records

d) Hollydale was modeled as one Variable Frequency Drive with a total flow of 2,800 gpm, equivalent to two units

Model Update and Refinements

The CBMWD hydraulic model has undergone a series of updates since its conception in early 2000. The model was created and updated by several consultants with each update focusing on an immediate need. In 2009, a model update was performed that included the cleaning of database queries, facility modeling, and the creation of data sets to allow differentiation of existing and proposed model components both graphically and analytically. All model refinement activities were done using the H2ONet program and in the AutoCAD environment. The model was used to conceptualize and size phases 1 and 2 of SWRP based on demands from 2006 to 2009. The model used for SWRP sizing had an updated demand volume based on billing records with some customers clustered in single locations to ease manipulation.

For the 2011 facilities plan effort, CBMWD requested the model demands to be updated again with recent billing records and their existing demand redistributed and reallocated individually. Prior to 2011, existing customers in close proximity to each other were typically “clustered” and simulated as a single junction demand node. For the requested redistribution, each existing customer (meter) was simulated as a single junction demand node in the model. However, for the near-term customers, which consisted mainly of customers along the SWRP line phase 1, Mines avenue pipelines, and throughout the existing system, some customers are still clustered on single nodes. Other model updates included new pump curve information and their revised facility settings to match current operations.

Per CBMWD, the model was not to be calibrated as a part of this project; however, we have used available SCADA information to perform a model validation prior to continuing with the expansion evaluation of the RW system.

Model Validation

Before analyzing CBMWD's system, the hydraulic model was adjusted and validated to better match the SCADA data and known system conditions. The modifications to the hydraulic model include:

- **Demand**: Based on the analysis of the SCADA data and the model demands, it was determined that the original model demands were significantly different from SCADA data, especially for Zones 1 and 2. Therefore, the demands were adjusted based on a zone by zone basis for the validation simulation.
- **PRV Setting**: The Norwalk PRV's pressure setting was adjusted to 66.5 psi. It was noticed that the flow through this PRV, as well as the Cerritos pumping station flow, is sensitive to this pressure setting. This pressure setting is the result of several model runs that were performed to minimize the difference between the model results and the SCADA data at the Norwalk PRV and Cerritos pumping station.
- **Hollydale VFD Target Pressure**: The control pressure for the Hollydale PS was set to 75 psi. This adjustment was made to represent the SCADA pressure at Cudahy Booster Station.

The graphs in Figure 3-3 are screen captures from the model program showing the flow comparison between the model validation run results and the SCADA trends for Rio Hondo, Cerritos, and Hollydale pumping stations and the Norwalk pressure-reducing valve. These graphs show an acceptable behavior between the model results (in red) and the SCADA data (in gold) for the major existing facilities.



Figure 3-3. Model Validation Results

Deficiency Analysis

After the model was validated with SCADA data it was used to identify system deficiencies using the developed planning criteria as described in Chapter 3, section a) of this report. The Norwalk PRV was set to 70 psi during these model runs. This PRV setting is on the lower end of the typical operating range (68 to 80 psi) and was expected to produce more conservative analysis results. The model was run for a 48-hour extended period simulation during a typical peak month (September). The analysis results for each phase are discussed below.

Existing Facilities Evaluation. The hydraulic model predicted the system would experience a maximum pressure slightly over 130 psi on the 16-inch pipeline from the Broadway Avenue and Reichling Lane, an area in the northern part of the service area, immediately north of the Norwalk PRV. No pressure below 40 psi, the minimum allowable pressure, was observed. The maximum velocity was predicted by the hydraulic model to exceed 6 ft/s on a 16-inch pipeline reach along Broadway Avenue from just north of Whittier Boulevard to Reichling Lane.

Near-term Facilities Evaluation. When the additional near-term customers come online, the high pressure upstream of the Norwalk PRV was predicted by the hydraulic model to persist. No pressure below 40 psi was observed. Similar to the existing system model results, the 16-inch reach along Broadway experienced high velocities.

II. Future System Description

The future system will encompass new facilities related to expansion due to new RW customer connections and existing facilities recommended for improvements due to resulting increased flow volumes. The expansion and improvement facilities are related to cost-effectiveness and hydraulic analyses, respectively, as detailed in this section. The objective is to connect as any feasible customers while providing an adequate level of service to existing and future customers

Prior to using the hydraulic model to size and confirm adequate level of services for all identified futures customers, an interim analysis was conducted to measure the cost effectiveness of connecting customers in the different areas. As described earlier in Chapter 3, a benchmark tool spreadsheet was used to determine if particular reaches of pipe and their associated future customer demands would be cost effective.

In this interim analysis the potential alignments to connect these future customers were identified using the street map in GIS. The potential alignments were selected based on the locations of future customers and the existing pipe network, and to minimize the lengths of the needed pipelines. As discussed earlier, a payback term of 20 years was used in the benchmark tool as the cost-effective cutoff point. Lower payback terms indicated a more attractive alignment.

After the benchmark analysis, the alignments were separated into two groups based on payback terms less than 20 years and payback terms greater than 20 years. The group with a payback less than 20 years is called Phase 1 and will be planned for construction first, during a 5-year period. The group with a payback greater than 20 years is called Phase 2 and will be planned for construction following

Phase 1. The facility with the longest payback is 46 years, which is an equivalent unit cost of $898 per AF, still relatively attractive overall.

Customers and their associated pipes that did not satisfy the benchmark cost analysis (facility with higher benchmark values than those above) were not transferred into the hydraulic model for further analysis. The following sections summarize the hydraulic performance of the system for a two-phase system expansion.

The East Los Angeles Expansion alternatives were each assessed a payback period of greater than 20 years, and the East Los Angeles Expansion was evaluated as part of Phase 2. Alternative 4 was considered in order to determine the feasibility to construct a recycled waterline extension to the Evergreen Cemetery and also to the Calvary Cemetery.

Phase 1 System Expansion Evaluation

In this phase, some of the Southeast and West future customers, which are located at relatively higher elevations, would come online. Based on the modeling results, the maximum pressures were predicted to occur upstream of the Norwalk PRV. As expected, without any additional booster pump stations, most of the future customers were observed to experience low, and even sub-atmospheric, pressures. Existing customers south of the Shoemaker and Lakeland intersection experienced low pressures due to new customers in La Mirada and the existing systems lack of carrying capacity. The 16-inch pipeline upstream of the Norwalk PRV was further stressed with the additional demands which caused more reaches along Norwalk Boulevard to experience high velocities. Additionally, the 16-inch pipeline southeast of the Norwalk PRV along Shoemaker Avenue also experienced high velocities.

Phase 2 System Expansion Evaluation

During this phase all the remaining future customers are expected to come online. As expected, all the system deficiencies observed in Phase 1 were also experienced in this phase. In addition, the existing customers south of the Hollydale Pumping Station in Zone 3 were predicted to experience high pressures. Compared with Phase 1, the low pressure situation was worsened in both the southeastern and western areas of the expanded system and also in the existing system north of pressure Zone 3. The model also predicted that the 12-inch pipeline downstream of the Hollydale Pumping Station would experience high velocities.

East Los Angeles Expansion (pressure Zone 3)

The available pressure in the recycled water distribution system near the intersection of Boyle Ave. and 50th Street is roughly 43 pound per square inch (PSI) based on pressures recorder data taken between September 25th and 26th (overnight). The intersection is at an elevation of roughly 190 feet. Therefore, the calculated hydraulic grade line (HGL) for the existing recycled water system is 290 feet (Zone 4).

A basic skeleton model was set up to look at the hydraulics from the point of connection at the existing CBMWD RW system, to Evergreen Cemetery and Calvary Chapel Cemetery along each of the proposed alignments. This skeleton analysis did not evaluate the impacts that the added demand will have on the existing CBMWD RW system. The existing recycled water pump station and distribution system hydraulic capacity (flow and pressure) must be verified to determine if additional capacity is available to serve these proposed recycled water customers.

Assuming minimum pressure requirements for serving the cemetery irrigation system (40 psi at rotor heads, plus 25 psi pressure loss through the on-site irrigation system); approximately 55 feet of pressure loss through the proposed RW distribution system; the max turf elevation at the Evergreen Cemetery (330 feet); the required RW system pressure is calculated to be 535 feet HGL. If we can verify the existing water pressure delivered to the cemeteries currently, we may be able to decrease this required system pressure to match. The hydraulic model run printouts are included in Appendix 9.

Based on the current CBMWD recycled water system operating pressure (290 feet HGL), and the calculated minimum required pressure to serve the Evergreen Cemetery (535 feet HGL), an additional 245 feet of lift is required to serve the proposed customers. In order to provide the flow and pressure to the proposed recycled water system customers, a new inline booster station would need to be constructed.

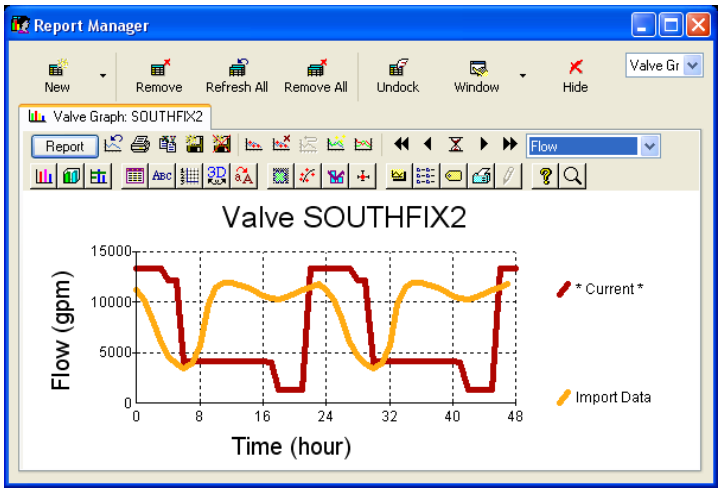
Improvement Alternatives

In order to mitigate the identified system deficiencies, a number of system improvements were implemented in the model. This included pipelines, booster pumps, and a new storage reservoir. Initially the Norwalk PRV was delivering excessive flow due to the addition of several conveyance improvements in the model and because of the high-pressure settings at the PRV station. In order to meet the supply constraint of RHPS of about 12,000 gpm during the peak hours, and avoid excessive amount of water going to Zone 2, the Norwalk PRV was assigned minor losses to restrict flow in the model. As a result, the Norwalk PRV showed reduced flows going south to Zone 2 and RHPS discharge flow showed to be within the supply constraints.

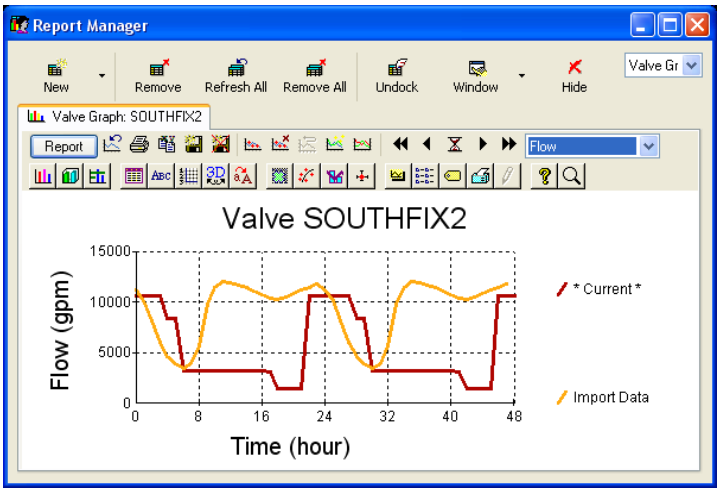
As an illustration of this situation, the model was run with a pressure setting of 78 psi at the Norwalk PRV with no flow restriction, and with restriction under the Phase 2 system expansion scenario, which included all system improvements. The graphs on Figure 3-4 show the before and after model results for RHPS and the Norwalk PRV.

The model results indicate that significantly less water is being discharged by RHPS when restrictions to the Norwalk PRV are implemented. For instance, the peak flow of almost 14,000 gpm is lowered to approximately 10,500 gpm at the RHPS. Similar effects in the reduction of flows going to Zone 2 occur. The Norwalk PRV from a peak flow of above 6,000 gpm is reduced to just above 3,000 gpm. The graph in gold depicts the actual RHPS discharge during peak months. Therefore, the flow restriction implemented for the PRV allows the model to more accurately represent current system operations.

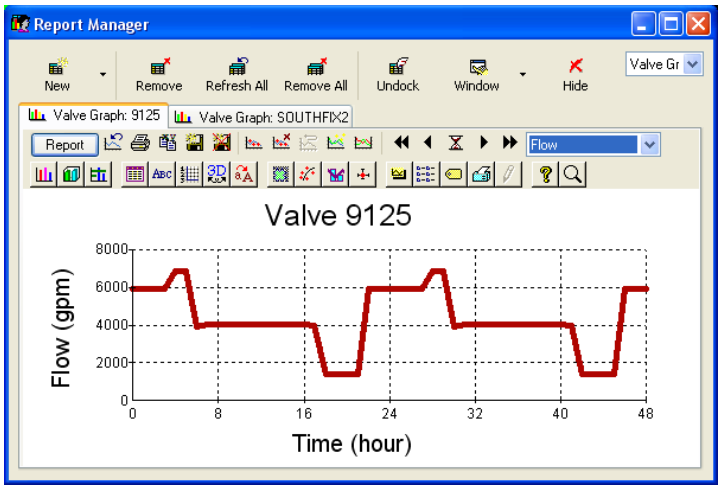
Rio Hondo PS Flow Before



Rio Hondo PS Flow After



Norwalk PRV Flow at 78 psi



Norwalk PRV Flow at 78 psi and minor losses

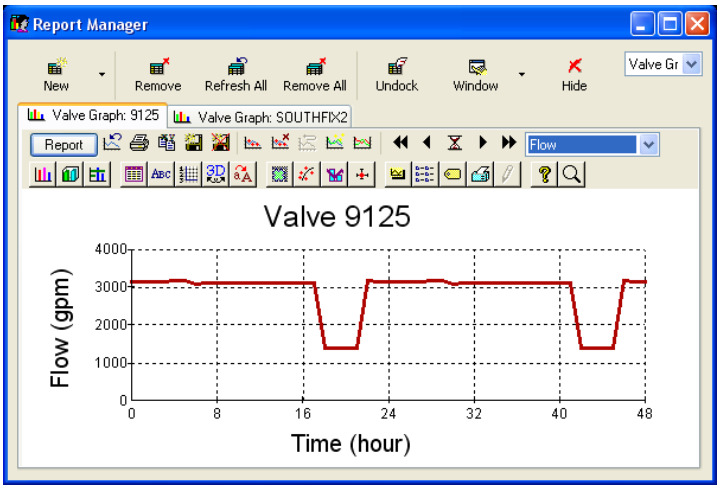


Figure 3-4. Model Flow Results for Rio Hondo PS and Norwalk PRV Station with and without Flow Restrictions

Recommended improvements are necessary for the RW system to have sufficient carrying capacity and to provide adequate service pressures to its customers due to the proposed system expansion (connection of new customers). The improvements are based on conservative planning level assumptions of future system operations. It is recommenced that further investigation is executed to learn the flexibility of operations of the Norwalk PRV and Cerritos PS. The result of this investigation (system operational issues are outside the scope of this report) could streamline further the needed facilities for an adequate level of service for the existing and future customers.

The previously mentioned system improvements are grouped in each of the two-phase system expansion as shown below:

Phase 1. The following lists key Phase 1 improvements:

1. An 18-inch pipeline parallel to the existing 16-inch pipe from just north of Whittier Boulevard to East Mines Boulevard along Broadway Avenue.
2. A 16-inch pipeline parallel to the existing 16-inch pipe from East Mines Boulevard to the Norwalk PRV along Norwalk Boulevard.
3. A 16-inch pipeline parallel to the existing 16-inch pipe from the Norwalk PRV to Florence Avenue along Norwalk Boulevard.
4. A new VFD-controlled booster pump station south of the Bonavista Avenue and Gannet Street intersection (southeast area). The model predicts the pump should deliver 2,000 gpm at 225 ft of head. The control point of the VFD should be set to 120 psi immediately downstream of the station.
5. Add a new pump at the old Cudahy BPS site. The new pump should deliver 1,500 gpm at 100 ft of head. The control point of the VFD should be set to 120 psi immediately downstream of the station.

* Please note that if the Norwalk PRV can further restrict flows going south into Zone 2, implementation of the above items 1, 2, and 3 could be delayed until Phase 2.

Phase 2. The following lists key Phase 2 improvements:

1. A 16-inch pipeline parallel to the existing 16-inch along Shoemaker Avenue between Florence Avenue and Lakeland Road.
2. A 16-inch pipeline parallel to the existing 16-inch along Shoemaker Avenue between Lakeland Road and Adler Drive.
3. A 12-inch pipeline parallel to the existing 16-inch along Shoemaker Avenue between Adler Drive and Foster Road.
4. A 12-inch pipeline parallel to the existing 12-inch along I-710 Freeway between the Hollydale BPS and Tweedy Boulevard.
5. Add one more pump of 900 gpm at 225 ft of head at the proposed BPS at the Bonavista and Gannet.
6. Add one more pump of 1,200 gpm at 100 ft of head at the proposed BPS at the Cudahy BPS.
7. A new VFD-controlled booster pump station at Foster Road and Adelfa Drive (Southeast Area). The model predicts the pump should deliver 600 gpm at 250 ft of head. The control point of the VFD should be set to 125 psi immediately downstream of the station.
8. A new VFD-controlled booster pump station at Telegraph Road and Victoria Avenue (Southeast Area). The model predicts the pump should deliver 1,000 gpm at 250 ft of head. The control point of the VFD should be set to 140 psi immediately downstream of the station.
9. A new 3-MG storage tank in Whittier with a 30-inch 5,790-foot pipeline.

East Los Angeles Expansion

10. A new VFD-controlled booster pump station at Boyle Avenue and 50th Street. The model predicts the pump should deliver 1,310 gpm at 245 ft of head.
11. A new Master Meter Vault located at Boyle Avenue and 50th Street.

Figures 3-5 and 3-6 show the system improvements and expansion for Phases 1 and 2, respectively.

C. ALTERNATIVE MARKET (BASED ON GEOGRAPHICAL AREAS)

As discussed in Chapter 2 of this report, CBMWD considered several areas to serve with recycled water. These included connections to Orange County, Los Angeles Department of Water and Power (DWP), San Gabriel Valley Municipal Water District, City of La Mirada, City of Vernon, and miscellaneous customers near the existing CBMWND's system located in the North, Southeast and West of its service area. After further investigation and interviews with the pertinent agencies, some of these areas were dropped because of agencies' decisions. This project then focused on three major locations: the City of Vernon (west area), the City of La Mirada and customers along the Southeast area, and customers located in the North. These final areas, however, were not exclusive of each other and were included in the alternative analysis as discussed in detail in section B) of this chapter.

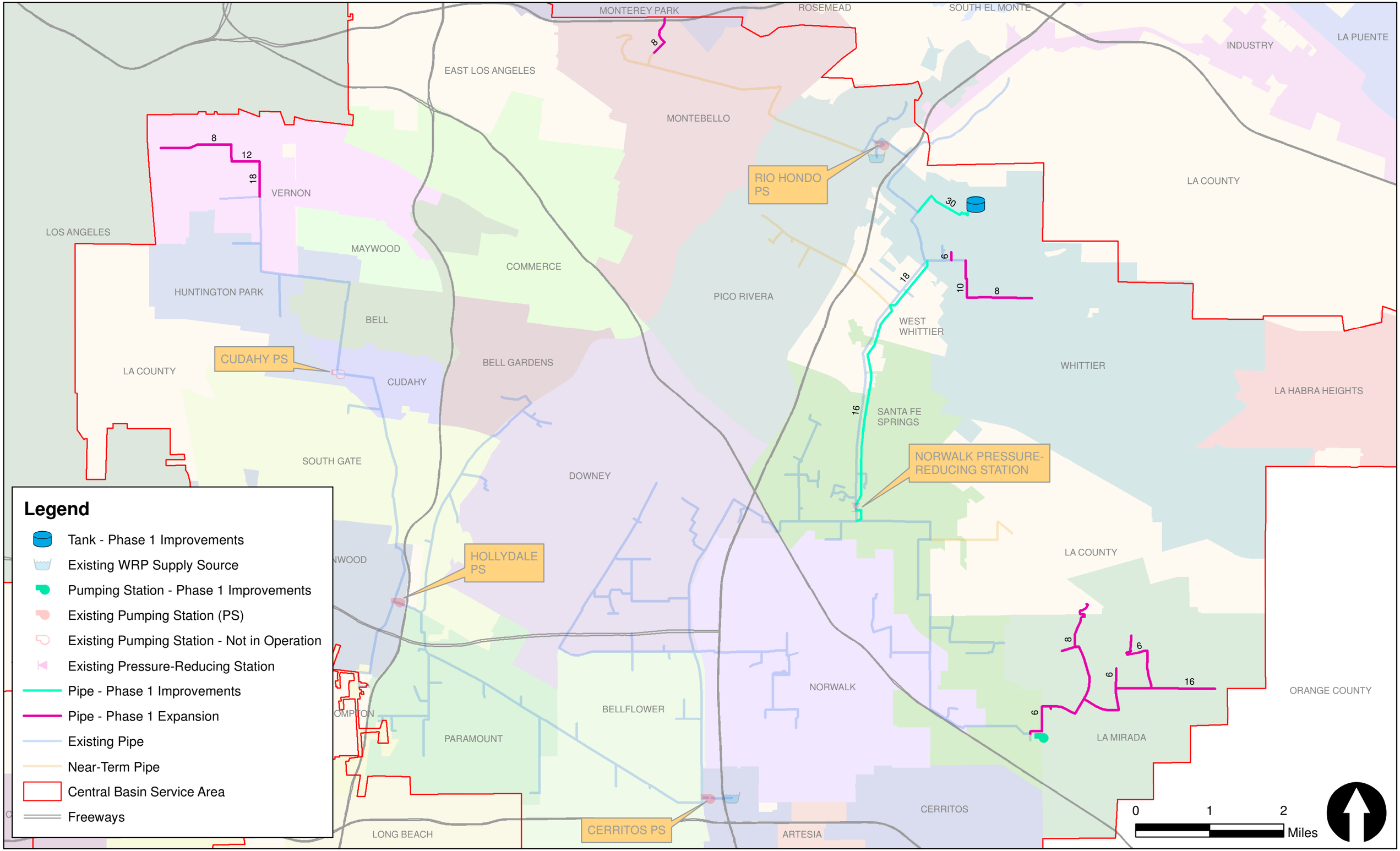
D. ALTERNATIVE STORAGE LOCATIONS

CBMWD identified two potential areas for the construction of storage reservoirs. One was located on the north of its service are in the hills of Montebello, and the other site was in the northeast side in the City of Whittier. The Montebello site had a potential area to hold a 3-million gallon tank. The Whittier site had an existing potable water tank, thought to be feasible for conversion to a recycled water reservoir. Because of its size of 10 million gallons, the analysis focused on this site. After the hydraulic analysis and further coordination with the City of Whittier, CBMWD learned that this reservoir, which is behind an earthen dam, was decommissioned and could not be used for recycled water storage without first recommissioning the dam (a highly unlikely scenario). The City, however, offered the possibility to lease the site for the construction of a new CBMWD storage tank.

E. NO-PROJECT ALTERNATIVE

Benefits of CBMWD's recycled water program are several-fold. The program reduces the required volume of imported water, reduces required importation pipeline capacity to meet peak-season demands, and recycles wastewater for beneficial uses. It also reduces the need for commercial fertilizer application by recycling nutrients already present in treated wastewater. In the broader state-wide perspective, this program frees State Water Project and Colorado River water for other uses elsewhere, and produces an equivalent supply with much less energy consumption and environmental impact than would result from new state or regional water delivery projects. The proposed program expansion will yield its proportional share of these program benefits.

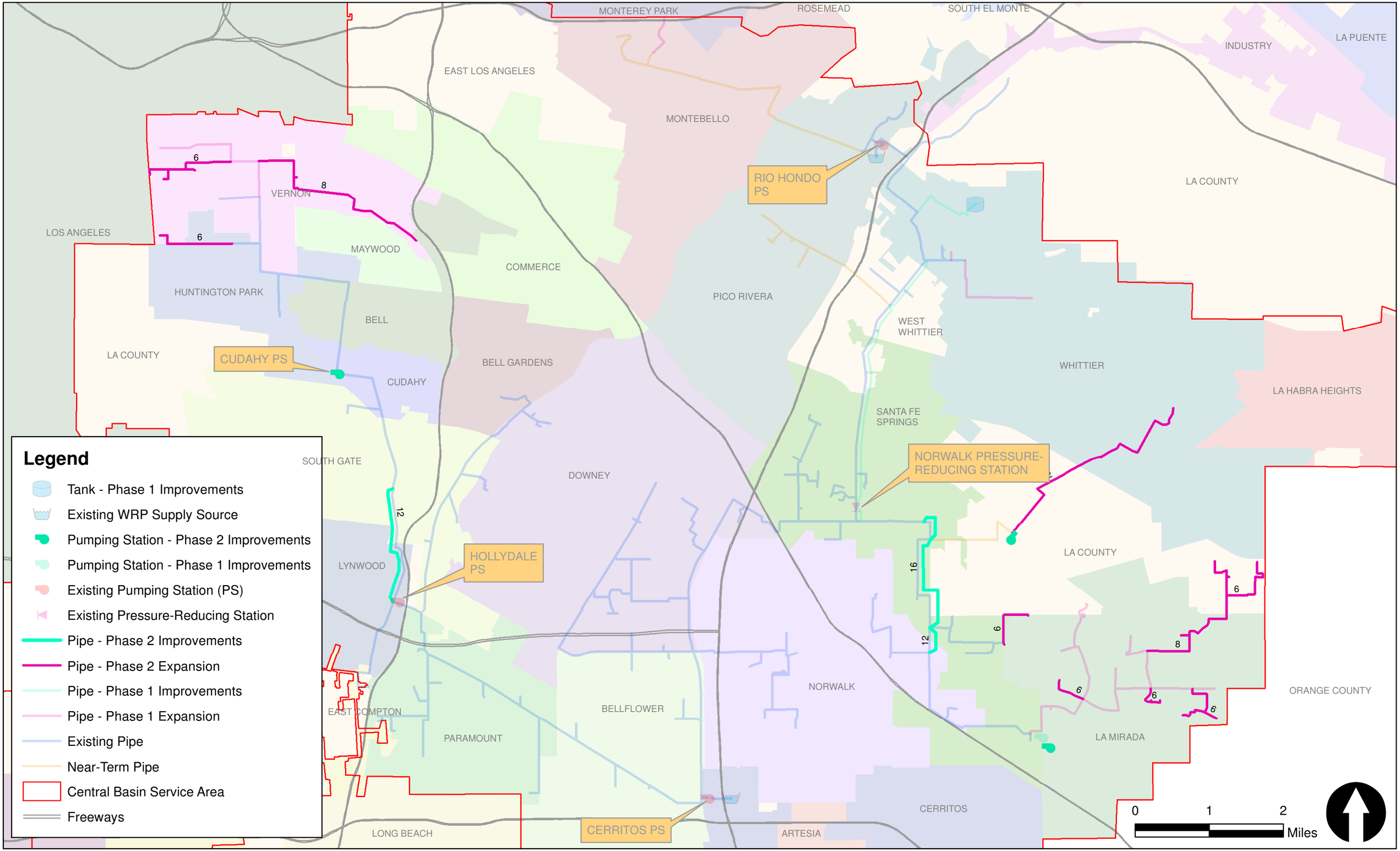
Another alternative to the proposed project is the no-project alternative or status quo. Under this alternative, potable water would continue to be provided for irrigation (and existing tertiary effluent) customers and the equivalent amount of treated wastewater would be sent to ocean disposal. With this alternative, certain short-term environmental impacts from the proposed project would not occur, such as pipe installation construction impacts or commitment of resources such as pipes and building materials. However, the alternative potable water supply volume is not cost-effectively available, and the no-project alternative would not achieve the long-term benefits noted above for the proposed project and would continue the significant negative regional impacts associated with potable water importation also noted above. Since the long-term benefits of the proposed project substantially outweigh its relatively minor short-term impacts, and since the net impact of the no-project alternative appears negative, the no-project alternative is not recommended.



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Phase 1 RW System Improvements and Expansion

FIGURE 3-5



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Phase 2 RW System Improvements and Expansion

FIGURE 3-6

F. ALTERNATIVE INFORMATION

After the areas for expansion were identified and confirmed, cost effective and hydraulic analyses were conducted (refer to section b) of this chapter for more details). The facilities that met the conditions set for each analysis (payback term and planning criteria) were included on the proposed facilities for this RWFP. Cost tables, list of potential customers, and economical analysis for all proposed facilities are described below.

I. Cost Tables

Please refer to Chapter 4 for more details.

II. List of Potential Users

For a complete list of selected (chosen) potential users and demand per region, see Chapter 4, section C.

G. COMPARISON OF ABOVE ALTERNATIVE(S) AND RECOMMENDATION(S)

The facilities and customers proposed on this RWFP, were evaluated and recommended based on two analysis that measured their cost-effectiveness and hydraulic capacities in accordance to pre-set conditions as indicated in Chapter 2, section b), subsection iv); and Chapter 3, section b), respectively. As discussed throughout this report, the alternatives analyzed were not exclusive of each other, and were located in three distinct regions (areas), the northern, southeastern and western portions of CBMWD's service area. Consequently, the recommendations of facilities and customer to connect are based on their individual feasibility. Table 3-3 depicts the total numbers of customers connected per region and its associated annual average demands. Figures 3-7 and 3-8 show the expanded RW system and the location proposed RW customers. Appendix 4 shows tabulations of proposed pipelines, individual customers connected, and their associated annual average and peak hour demands.

Table 3-3. Customers and Planned Demands

Region	No. of Customers Converted	Planned Demand, AFY
North	9	1004
Southeast	37	1,699
West	18	3,609
Total	64	6,312

Legend

West Customers

Peak Hour Demand (gpm)

- 5 - <50
- 50 - <100
- 100 - <500
- 500 - <1,585

North Customers

Peak Hour Demand (gpm)

- 5 - <50
- 50 - <100
- 100 - <500
- 500 - <2,240

Southeast Customers

Peak Hour Demand (gpm)

- 5 - <50
- 50 - <100
- 100 - <500
- 500 - <795

- Existing Pipe
- Near-Term Pipe
- Central Basin Service Area
- Freeways

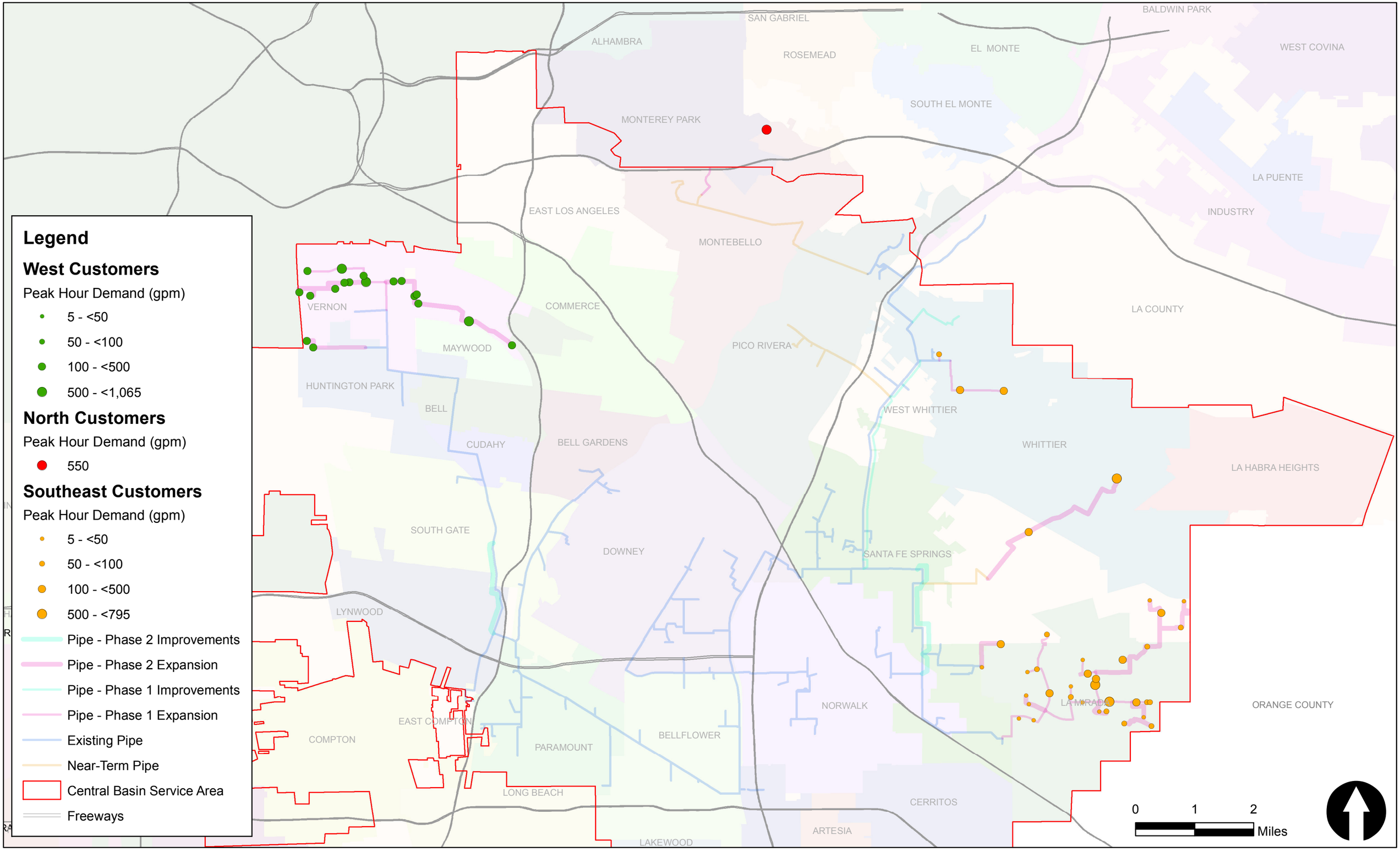
SAN GABRIEL
ALHAMBRA
ROSEMEAD
EL MONTE
BALDWIN PARK
WEST COVINA
SOUTH EL MONTE
MONTEREY PARK
LA PUENTE
INDUSTRY
EAST LOS ANGELES
MONTEBELLO
VERNON
COMMERCE
LA COUNTY
MAYWOOD
PICO RIVERA
HUNTINGTON PARK
BELL
WEST WHITTIER
CUDAHY
BELL GARDENS
WHITTIER
LA HABRA HEIGHTS
SOUTH GATE
DOWNEY
SANTA FE SPRINGS
LYNWOOD
NORWALK
LA MIRADA
ORANGE COUNTY
EAST COMPTON
COMPTON
BELLFLOWER
PARAMOUNT
LONG BEACH
CERRITOS
ARTESIA
LAKEWOOD

0 1 2 Miles

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Existing RW System and Potential Customers

FIGURE 3-7



HDR
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Expanded RW System and Customers

FIGL 267 8

4. RECOMMENDED FACILITIES PROJECT PLAN

Attention was directed to the present the largest feasible recycled water distribution system in the previous sections. This consisted of new facilities to *expand* the system (to connect new customers) and new facilities to *improve* the system carrying capacity. Using a phased expansion approach a detailed capital improvement plan (CIP) is developed in this section for the next five years (Phase 1). Following the detailed five year analysis, recommended improvements are grouped together into Phase 2. The Phase 2 improvements have not been assigned to specific years.

This CIP serves as a guide for CBMWD to construct its RW system over the next five years. However, due to a level of uncertainty with predicting demands, proposed facilities may need future modifications as more accurate data become available. Within pressure zone service areas, proposed pipeline route and size selections were made. Hydraulic analyses were performed on the distribution system as described in Chapter 3, and finally, cost opinions were prepared for proposed system improvements and expansion.

A. DESCRIPTION OF ALL PROPOSED FACILITIES AND BASIS FOR SELECTION

Proposed facilities in this RWFP are a combination of system *expansion* facilities (i.e., pipes to connect future customers) and system *improvement* facilities to augment the existing system carrying capacity. Chapter 3 of this report lists proposed facilities due to system improvements, and Chapter 4 lists the overall proposed facilities, which include facilities due to system expansion.

I. Distribution System Improvements

For this RWFP, distribution system improvements include recycled water pipelines of all sizes, an operational storage reservoir and pumping stations. Sizes of proposed pipelines were developed using the hydraulic model described in Chapter 3. Future facilities required for largest feasible service area development are shown on Figures 3-5 and 3-6. Proposed distribution facilities will convey approximately an additional 6,312 AFY of recycled water to users within CBMWD's service area.

II. Proposed Distribution Facilities

For convenience, distribution system improvements and system operational recommendations are described below. Proposed pumping stations, reservoirs, and pipelines are listed in Tables 4-1, 4-2, and 4-3, respectively, as developed and discussed in Chapter 3.

Table 4-1. Proposed Pumping Stations

Name[e]	Model Label	Flow Capacity		Total Dynamic Head, ft
		Average AFY	Peak[a] gpm	
Bonavista 1[b]	U7012	881	2,000	225
Cudahy 1[b]	U7014	1,723	1,500	100
Bonavista 2[b]	U7016	162	900	225
Cudahy 2[b]	U7018	1,886	1,200	100
Foster[c,d]	U7020	165	600	250
Telegraph[b]	U7022	321	1,000	250
Boyle[b]	U7023	2042	1,310	245
	Total	5,480		

a) Working capacity only, without standby, based on currently planned ultimate system.

b) Assumes full pumping station construction (lower cost).

c) Assumes package pumping station construction (upper cost).

d) The Foster PS operates as a booster to the Bonavista pumps. AFY demands were assigned for this Table based on location so that demands would not be counted twice within the Table.

e) This Table does not include all the new AFY demands since some demands do not require additional pumping.

Table 4-2. Proposed Reservoirs

Name	Model Label	Volume, MG	
		Existing	Proposed[a]
Whittier[a]	T5006	0	3

Table 4-3. Proposed Pipelines

Diameter (in)	Total Length (ft)	Material
30	5,791	Steel
18	6,695	Steel
18	14,470	DIP
16	64,620	DIP
12	8,220	DIP
12	29,907	PVC
10	3,508	PVC
8	42,551	PVC
6	52,248	PVC
Total	228,010	

B. COST OPINIONS BASED ON TIME OF CONSTRUCTION

I. Cost Index and Escalation Criteria

Construction costs typically undergo long-term changes corresponding with changes in the regional and national economies. A commonly accepted barometer of these changes has been the Engineering News Record Construction Cost Index (ENRCCI). Project and construction costs are based on an ENRCCI of 10,092 for the Los Angeles area in early 2012 (baseline year).

II. Facility Capital Costs

Project cost is defined as the total capital investment necessary to complete a project, including costs for land acquisition, construction, contingencies, necessary engineering services, and overhead items such as legal and other administrative services, and financing. Probable construction cost opinions developed in this report include an allowance of 20% for contractor administrative expense, general overhead and profit. Total project capital cost includes allowance for contingencies at 20%, and engineering and administration at 20%.

Land Acquisition

In most cases, construction of proposed recycled water distribution system improvements will not require purchases of privately owned land. Pipeline routes, as much as possible, follow existing or proposed public streets and roads. For this reason, no attempt is made to estimate the cost of land purchases in connection with pipeline improvements.

Where sites and rights-of-way for new storage and pumping facilities are required, the estimated cost of land acquisition ultimately should be ascertained by a competent local appraiser prior to design. For this study the cost of land acquisition for new facilities, where required, is assumed to range from 5% of the subtotal project cost for larger sites to 10% of the subtotal project cost for smaller sites, with some allowance for over-riding consideration for type of site.

Construction Costs

Probable construction cost opinions cover materials, shipping, taxes, labor, mobilization/demobilization, services necessary to build proposed facilities, and contractor administrative expense, general overhead and profit. These costs are intended to represent median prices anticipated for each type of work. Cost estimating guides, previous studies, cost curves, and recent contract bids are used to develop cost information.

In an evaluation such as this, cost opinions are considered as defined by the American Association of Cost Engineers for conceptual design. These are opinions made without detailed engineering data and have an expected accuracy range of plus 30% to minus 20%. Actual project costs depend on future labor and material costs, market conditions, project-specific details, and other variables. An allowance of 20% for contractor overhead and profit is assumed as part of the construction cost.

Construction Contingencies

A contingency allowance covers construction uncertainties associated with project design. Factors such as unusual pipe bedding conditions, special construction methods, variation in final lengths or average depths of pipeline, and construction adjacent to existing facilities are just a few of the many items that may increase construction costs, and for which an allowance is made in conceptual design cost opinions. The cost of these items can vary greatly depending on the type and magnitude of project. An allowance of 20% of total construction cost is assumed to cover such contingencies, the addition of which results in the subtotal project cost.

Engineering and Administration

The cost of engineering services for major construction projects includes some or all of the following: special investigations, surveys, locating interfering utilities, detailed design, preparing contract documents, construction inspection, office engineering, materials testing, final inspection, and start-up of the completed project. Depending on the size and complexity of the project, total engineering, legal and administrative costs may range from 7% to 40% of the construction cost. Administration charges are assumed to cover items such as legal fees, financing expenses, and other administrative costs. The average total cost of necessary engineering plus administrative services is assumed to be 20% of the subtotal project cost, the addition of which results in the total project or capital cost.

III. Facility Unit Construction Costs

In general for this study, construction costs are developed from unit costs. Unit costs are established for each facility type (e.g., reservoirs versus pumping stations) and may be tailored by other key cost-effecting variables (e.g., above-ground steel vessel versus below-ground concrete vessel). Unit costs are expressed for the above-listed ENRCCI of 10,092, and, where possible, unit costs are adjusted to current, local conditions by comparison among actual recently-bid construction projects.

Pipelines

Unit costs for recycled water distribution pipelines are given on Figure 4-1 and are based on PVC pipe material for pipelines 12 inches and smaller in diameter, and DIP and CML&C steel for larger pipelines. Costs include trenching, placing and jointing pipe, installing valves and fittings, placing imported initial backfill, placing native material for subsequent backfill, pavement replacement, and testing.

Basic costs are for construction in areas with typical pavement replacement, minimum pipe cover depth of 42 to 48 inches, and typical underground utilities. Allowance for special structures, if identified, is estimated separately on the basis of site-specific requirements.

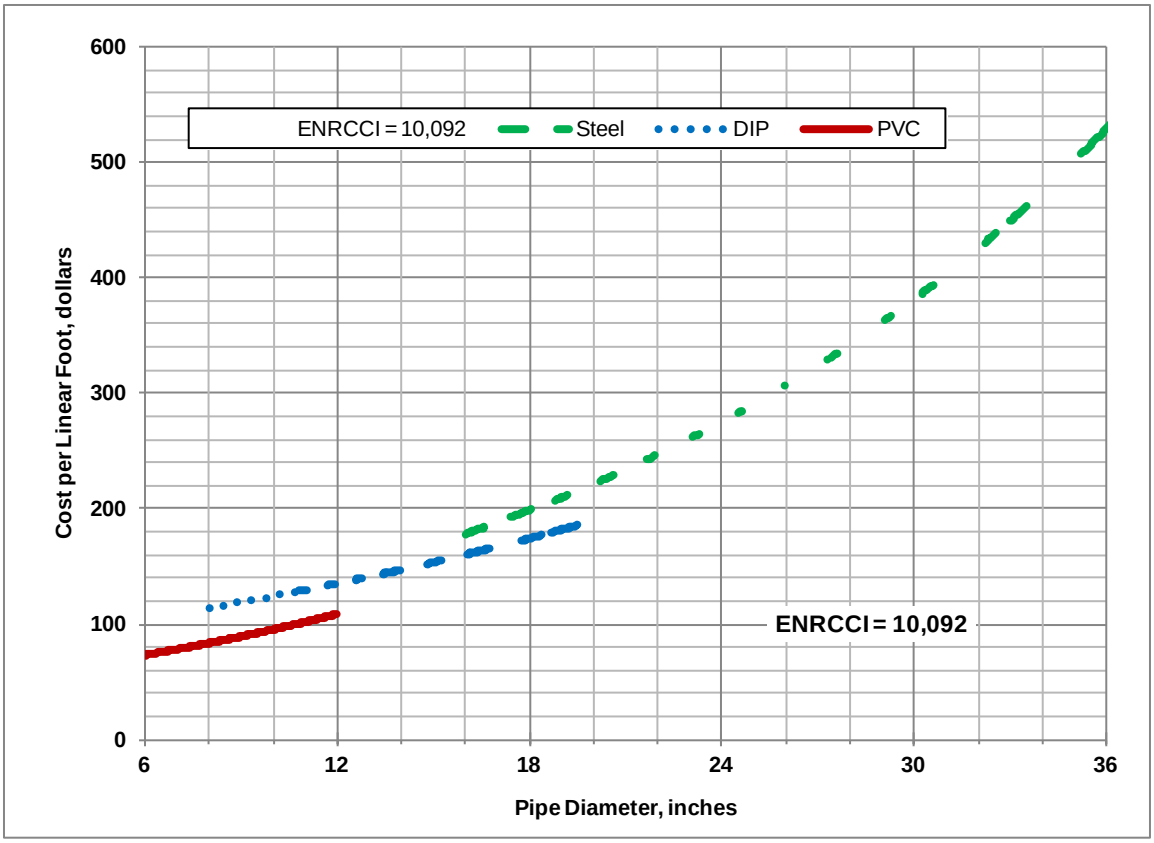


Figure 4-1. Pipeline Construction Cost Curves

Storage Reservoirs

Unit costs for several types of distribution storage reservoirs are shown on Figure 4-2. Curves are shown for ground-level steel tanks, pre-stressed concrete tanks, and buried concrete reservoirs. Curves are expressed for constructed capacities, which include a 20% volume increment added to calculated or modeled working volumes to account for dead storage and freeboard. Included are costs for foundations, minimum site preparation and grading, and reservoir overflow and drain lines. Buried reservoirs have costs for concrete load-bearing roofs and backfill included. Costs for inlet and outlet piping are site specific and are estimated separately from available data.

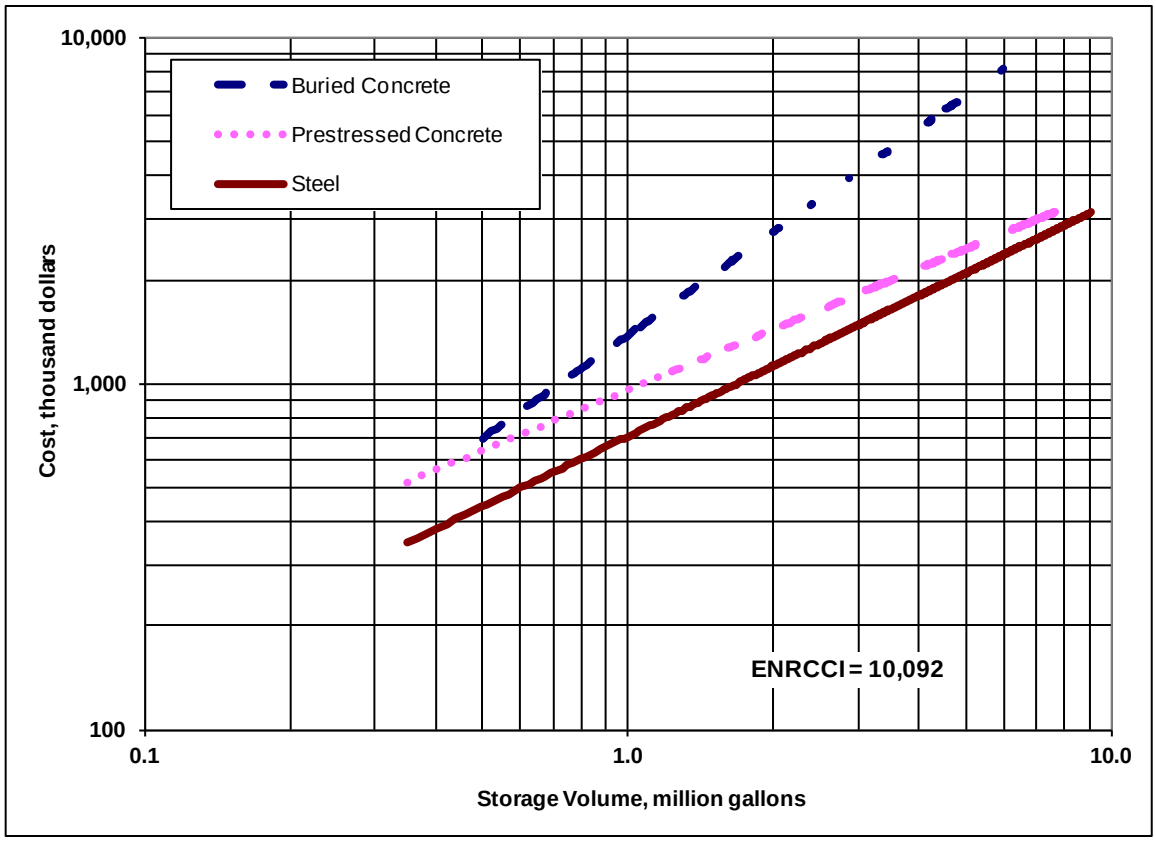


Figure 4-2. Reservoir Construction Cost Curves

Pumping Stations

Pumping station costs vary considerably, depending on such factors as enclosure type, pump type, driver type, pumping head, need for standby pumps, need for standby power, and station capacity. Unit costs are based on the cost curves on Figure 4-3, which include two types of stations full and package and two levels within each type (upper and lower cost). For full stations, costs are included for pumps, motors, minimal site piping and appurtenances, typical structural, architectural and landscaping treatment, instrumentation and electrical controls. Engine drivers or auxiliary engine-generator sets are considered separately if necessary.

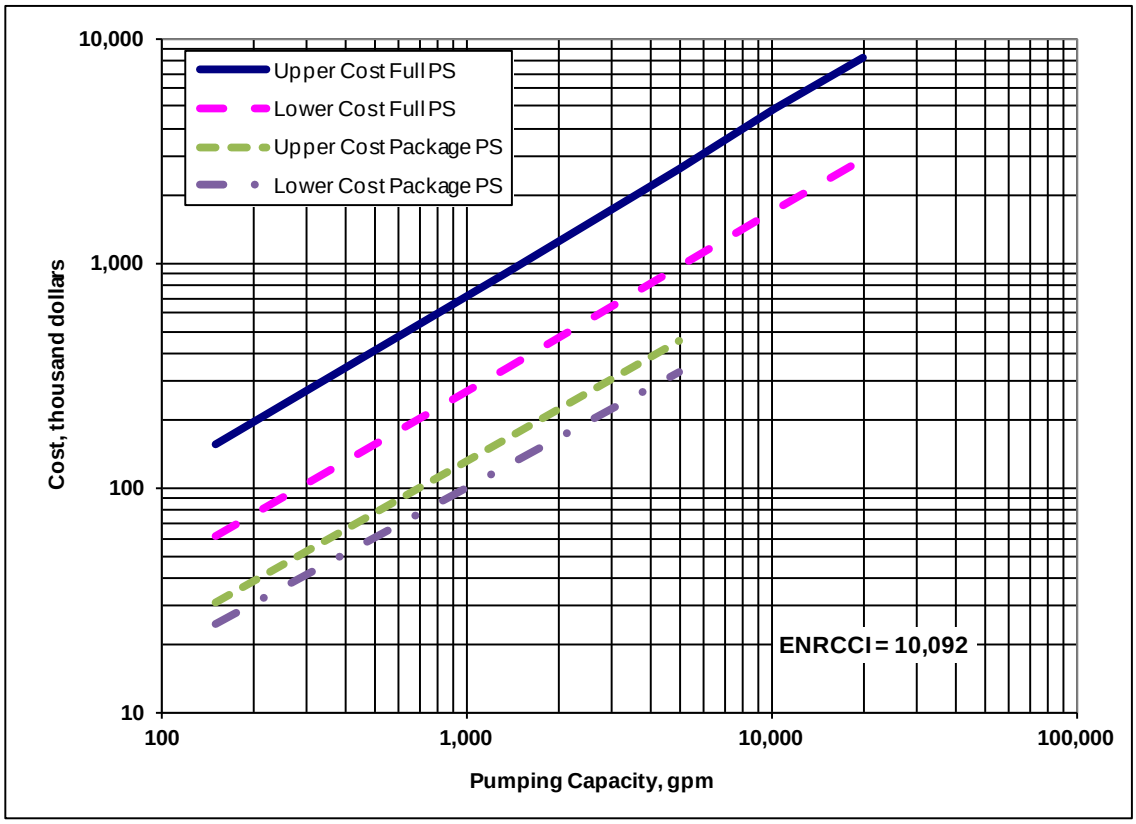


Figure 4-3. Pumping Station Construction Cost Curves

IV. Phasing Plan

Suggested phasing of proposed facilities is primarily in accordance with cost in an effort to spread facility costs over the planning horizon.

V. Project Costs

Off-site project capital costs, by anticipated construction year, are provided in Table 4-4a and Table 4-4b. Facilities are grouped by type in accordance with Tables 4-1 through 4-3, and listed by fiscal year. New service connections are listed at the end of the pipeline section as a single line item (see below for additional discussion).

Construction costs for Phase 1 and Phase 2 are calculated from listed quantities and unit costs, and expressed in baseline year 2012 dollars. Unescalated (baseline) capital costs are calculated by loading construction costs with allowances for contingencies and engineering/administration as noted. Project costs listed by fiscal year are escalated from 2012 dollars by 3% per year, beginning with 2013.

Phase 2 costs are estimated to fall within a five window period and are all estimated to be escalated at the value of the final year, 2022. The total CIP baseline year capital cost is approximately $37.9M; the total escalated capital cost is approximately $48.8M.

Construction cost for the East Los Angeles Expansion has been determined separately from the Phase 1 and Phase 2 costs. Construction costs for the East Los Angeles Expansion are calculated from listed quantities and unit costs, and expressed in baseline year 2014 dollars. Unescalated (baseline) capital costs are calculated by loading construction costs with allowances for contingencies and engineering/administration as noted. Project costs listed by fiscal year are escalated from 2014 dollars by 3% per year, beginning with 2015. Costs are estimated to fall within a five window period and are all estimated to be escalated at the value of the final year, 2022. The total CIP baseline year capital cost for the East Los Angeles Expansion is approximately $26.5M; the total escalated capital cost is approximately $31.4M.

Off-site CIP facilities are illustrated by construction year in Appendix 5. These are working, handwritten maps developed to gather and organize information about the proposed facilities and divided per year.

Pipeline Routes

As previously stated, pipeline routes shown in this RWFP are proposed alignments and not necessarily the exact routes to be used in final design of each project. In the case of presently developed areas, indicated routes are one possible alignment and are subject to some change as local conditions, e.g., utility interference, dictate actual design.

Pipeline sizes are based on the ultimate carrying capacity of each pipeline at the planning horizon with all proposed improvements in place. Therefore, as local improvement projects are planned,

some pipeline sizes may need to be increased to allow adequate distribution in partially or undeveloped areas not having the benefit of a complete recycled water distribution system network.

Capital Improvement Plan

Supply and distribution system projects described in this chapter are designed to meet expected requirements of CBMWD under planned development conditions through the year 2017. Even though the planned projects are designed to meet long-range needs, some proposed facilities might not be constructed immediately or in the near future.

Distribution system facilities are considered by year over the 5-year planning period. Phase 2 facilities will follow Phase 1 facilities but have no specific timetable. Similarly, the East Los Angeles Expansion will follow Phase 1 facilities but has no specific timetable. Recycled water will be supplied from the same existing sources.

Table 4-4a Capital Improvement Plan – Phase 1 and Phase 2

Items	Quantity	ENR 10,092 (Early 2012) dollars			Escalated Capital Cost, dollars						
					Phase 1					Phase 2	
		Unit Cost	Constr. Cost	Capital Cost[a]	2012/13	2013/14	2014/15	2015/16	2016/17	2017 - 2022	**Total**
Pipelines	ft										
6-inch	48,898	73	3,582,000	5,158,080	20,126	0	523,637	69,856	0	6,181,219	6,795,000
8-inch	42,551	84	3,558,300	5,123,952	0	0	680,302	1,571,541	909,643	3,118,492	6,280,000
10-inch	3,508	95	334,900	482,256	0	0	0	542,832	0	0	543,000
12-inch	29,907	109	3,259,200	4,693,248	0	0	0	0	324,591	9,570,046	9,895,000
16-inch	53,450	160	8,564,800	12,333,312	5,161,035	669,381	4,874,131	0	0	3,289,414	13,994,000
18-inch	6,695	198	1,328,900	1,913,616	0	1,263,606	0	0	837,570	0	2,101,000
30-inch	5,791	381	2,207,900	3,179,376	0	3,372,828	0	0	0	0	3,373,000
Subtotal	190,800		22,836,000	32,883,840	5,181,161	5,305,816	6,078,071	2,184,230	2,071,804	22,159,171	42,980,000
Service Connections	no.										
Service & meter install	56	4,600	257,600	370,944	26,812	13,808	64,001	36,623	30,177	279,870	456,000
Subtotal	56		257,600	370,944	26,812	13,808	64,001	36,623	30,177	279,870	456,000
Reservoirs	MG										
Whittier Tank	3.0	494,200	1,482,600	2,134,944	0	2,264,962	0	0	0	0	2,265,000
Subtotal	3.0		1,482,600	2,134,944	0	2,264,962	0	0	0	0	2,265,000
Pumping Stations	gpm										
U7012	2,000	235	469,300	675,792	696,066	0	0	0	0	0	696,000
U7014	1,500	249	373,800	538,272	0	0	0	0	624,005	0	624,000
U7016	900	277	249,500	359,280	0	0	0	0	0	482,842	483,000
U7018	1,200	261	313,300	451,152	0	0	0	0	0	606,311	606,000
U7020	600	150	90,100	129,744	0	0	0	0	0	174,365	174,000
U7022	1,000	271	271,200	390,528	0	0	0	0	0	524,837	525,000
Subtotal	7,200		1,767,200	2,544,768	696,066	0	0	0	624,005	1,788,355	3,108,000
Construction Total			26,343,000	37,934,000	5,904,000	7,585,000	6,142,000	2,221,000	2,726,000	24,227,000	48,805,000

a) Capital costs include 20% for contingency and 20% for engineering and administration.

Table 4-5b Capital Improvement Plan – East Los Angeles Expansion

	Quantity	ENR 10,092 (Early 2012) dollars			Escalated Capital Cost, dollars
		Unit Cost	Constr. Cost	Capital Cost[a]	2022
Mobilization, Demobilization, BMPs	1	$660,000	$660,000	$924,000	$1,090,320
Construct 18-inch DIP (Side by Side Construction)	8540	$320	$2,732,800	$3,825,920	$4,514,586
Construct 18-inch DIP (In-line Construction)	4580	$400	$1,832,000	$2,564,800	$3,026,464
Construct 16-inch DIP (Side by Side Construction)	10190	$300	$3,057,000	$4,279,800	$5,050,164
Construct 16-inch DIP (In-line Construction)	980	$380	$372,400	$521,360	$615,205
Construct 12-inch DIP (Side by Side Construction)	3420	$240	$820,800	$1,149,120	$1,355,962
Construct 12-inch DIP (In-line Construction)	3200	$330	$1,056,000	$1,478,400	$1,744,512
Construct 6-inch PVC C900 (Side by Side Construction)	2130	$145	$308,850	$432,390	$510,220
Construct 18-inch DIP at RR Crossing - Bore & Jack	350	$1,800	$630,000	$882,000	$1,040,760
Construct 18-inch DIP at LA River Overcrossing - MTBM	1000	$2,000	$2,000,000	$2,800,000	$3,304,000
Construct 18-inch DIP PVC at RR Undercrossing - Bore & Jack	500	$1,800	$900,000	$1,260,000	$1,486,800
Construct 12-inch DIP at I-5 Freeway Undercrossing - Bore & Jack	500	$1,200	$600,000	$840,000	$991,200
Construct 12-inch DIP at 60 Freeway Overcrossing - Bore & Jack	500	$1,200	$600,000	$840,000	$991,200
Construct 12-inch DIP at Metro Crossing - Bore & Jack	100	$1,200	$120,000	$168,000	$198,240
Construct 12-inch DIP at I-5 Fwy Overcrossing (at Downey) - Bore & Jack	500	$1,200	$600,000	$840,000	$991,200
Construct 6-inch DIP at Metro Crossing (at Eastern/3rd St) - Bore & Jack	100	$1,200	$120,000	$168,000	$198,240
Construct 12" DIP Lateral (Calvary Cemetery)	1	$80,000	$80,000	$112,000	$132,160
Construct 12" DIP Lateral (Evergreen Cemetery)	1	$40,000	$40,000	$56,000	$66,080
Construct 6" PVC C900 Lateral (Serbian Cemetery)	1	$80,000	$80,000	$112,000	$132,160
Construct 6" PVC C900 Lateral (Home of Peace Memorial Park)	1	$80,000	$80,000	$112,000	$132,160
Construct 6" PVC C900 Lateral (Salazar Park / Old Fellows Cemetery)	1120	$145	$162,400	$227,360	$268,285
Construct 6" PVC C900 Lateral (Ramona High School)	1	$80,000	$80,000	$112,000	$132,160
Construct 6" PVC C900 Lateral (Robert Louis Stevenson Middle School)	1	$80,000	$80,000	$112,000	$132,160
Construct Appurtenances	1	$990,000	$990,000	$1,386,000	$1,635,480
Connection to Existing 18-inch Recycled Watermain at Boyle Avenue	1	$10,000	$10,000	$14,000	$16,520
Hydrostatic Testing	1	$10,000	$10,000	$14,000	$16,520
Traffic Control	1	$660,000	$660,000	$924,000	$1,090,320
Furnish & Install Excavation Safety Measures, including sheeting, shoring & bracing	1	$337,750	$337,750	$472,850	$557,963
Mobilization, Demobilization, BMPs	1	$660,000	$660,000	$924,000	$1,090,320
Construction Total			$19,020,000	$26,628,000	$31,421,040

a) Capital costs include 20% for contingency and 20% for engineering and administration.

Economic Analysis - Phase 1 and Phase 2

This project used an economic benchmark tool, as previously discussed, to determine which facilities were economically attractive. This economic analysis is only provided as another gauge of project cost-effectiveness, in this case at the system level. The previously listed project costs for future facilities are annualized and unitized in Table 4-5. Since operational costs for service-area distribution would be comparable between potable and recycled water, they are not included in this analysis.

The resulting unit cost of $393/AF for the Phase 1 and Phase 2 improvements is a relatively low unit cost for typical RW expansion projects. Recently in Southern California, RW expansion unit cost is often compared against MWD-driven equivalent potable water rates, which for Tier 2 values can be approximately $900/AF. The CBMWD expansion unit cost is lower than comparable RW projects because of the facility-level economic benchmark used and also the quantity of required facilities. The facility-level economic benchmark was based on a payback period of 20 years, which is less than what is often used for similar projects, thus only the very economically attractive customers were connected.

Table 4-6a. Economic Analysis – Phase 1 and Phase 2 (to be updated)

Facilities	Construction Cost dollars	Capital Cost dollars	CRF	Annual Cost dollars
Pipelines	22,836,000	32,884,000	0.05478	1,801,269
Service Connections	262,000	378,000	0.08024	30,000
Reservoirs	1,482,600	2,135,000	0.05478	116,945
Pumping Stations	1,767,000	2,545,000	0.08024	204,000
		Total Annual Cost ($/yr)		2,153,000
		Yield (AF/yr)		5,480
		Unit Cost ($/AF)		393

Economic Analysis – East Los Angeles Expansion

This expansion project did not use the economic benchmark tool, as used for Phase 1 and Phase 2. Instead, this expansion alternative was analyzed by comparing the cost for continuing to serve the users with potable water (with no capital costs) and serving the users with recycled water (with significant capital cost). A payback period was calculated. This is the time it would take for the monthly savings from using the lower recycled water cost rate to equal the upfront capital cost of constructing the recycled water pipeline, including the cost of interest accrued each month for funding the recycled water capital improvement.

The following assumptions were used:

Financing Interest	3% Interest
Pumping Operation	100% of the Year
Energy	0.129/kWh
Existing Potable Water Rate	$900/AF with 5% escalation
Recycled Water Rate	$836/AF with 2% escalation

The recycled water rate was determined using a base number of $536 per acre-foot. Then, $140 per acre-foot was added for the energy costs of the proposed booster station and $160 per acre-foot for O&M costs, resulting in a rate of $836 per acre-foot. The return on investment analysis indicated that after 30 years, the recycled water costs would only be $14,000 per month more than the potable water (even though the potable water alternative assumed $0 in capital costs).

C. LIST OF ALL POTENTIAL USERS, ANNUAL AND PEAK DEMAND, AND COMMITMENTS OBTAINED

Efforts were made to contact customers identified in each region to obtain the level of interest, hours of operation, seasonality, and percentage of convertible consumptions data. The responses varied by area and helped to formulate customers' demands and water usage patterns.

As described in Chapter 2, section b), usage records were not readily provided by several agencies primarily in the designated Southeast and North Regions. As such, alternate ways to locate potential conversion customers were analyzed. Due to lack of usage information in the North Region, at the direction of CBMWD, all but one potential user, Resurrection Cemetery, was omitted from further assessment.

Because the majority of water consumption identified within the Southeast region included irrigation use for parks, city street medians, parkways, and schools, CBMWD staff met with the City of La Mirada to discuss their level of interest and commitment to future connection within this region. As a result, all identified potential users in the Southeast Region are included as highly feasible connections for further modeling assessment.

Although staff fielded numerous calls regarding questions and concerns from Recycled Service Questionnaires recipients, upon receiving limited responses (only 9 out of 230), staff had established contact, via telephone or in person, with specific potential customers in the West Region. During the course of assessment, this area showed the largest concentration of potable water consumption from industrial customers residing within the City of Vernon. As described in Chapter 2, section b), usage information for potential customers was compiled to further expand and consider type of business, existing water use, percentage of convertible water, hours of water service, seasonality, and level of interest. Approximately 36 companies were contacted in the West Region, which resulted in:

- 12 feasible customers
- 15 non-responses

- 9 non-feasible conversion candidates

Table 4-6 shows the potential RW customers' names, types of water usage and individual peak-hour demands per region. Appendix 6 includes miscellaneous documents used for contacting potential customers.

Table 4-7. Potential Recycle Water Customers

Region	No. of Customers	Customer ID	Peak-hour Flow, gpm	Type of Water Usage	Customer's Name
North	1	K3	550	IRRNIGHT	Resurrection Cemetery
	1	SE1	512	6AM_6PM	La Mirada Golf Course
	2	SE12	17.84	IRRNIGHT	La Mirada, City of / Neff Park (10 acres)
	3	SE13	9.62	IRRNIGHT	La Mirada Regional Park (La Mirada owned/maintained)
	4	SE14	92.78	IRRNIGHT	La Mirada, City of / Behringer Athletic Facility (9.5 acres)
	5	SE17	41.59	IRRNIGHT	City Hall - La Mirada, City of
	6	SE18	106.86	IRRNIGHT	La Mirada, City of
	7	SE19	42.29	IRRNIGHT	La Mirada, City of
	8	SE2	795.13	IRRNIGHT	Friendly Hills Country Club
	9	SE21	169.71	IRRNIGHT	Southern California University
	10	SE22	160.15	IRRNIGHT	La Mirada High School
	11	SE23	109.89	IRRNIGHT	Reginold Benton Middle School - Norwalk/La Mirada School Dis
	12		679	IRRNIGHT	Evergreen Cemetery
	13		8	IRRNIGHT	Ramona HS
	14		31	IRRNIGHT	Stevenson Middle School
	15		44	IRRNIGHT	Salazar Park
	16		199	IRRNIGHT	Old Fellows Cemetery
	17		50	IRRNIGHT	Ramon Garcia Recreation Cntr
	18		14	IRRNIGHT	Sunrise Elementary
	19		31	IRRNIGHT	Boyle Heights Sports Park
	20		15	IRRNIGHT	Hollenbeck Middle School
	21		57	IRRNIGHT	Boyle Heights High School
	22		40	IRRNIGHT	Evergreen Recreation Center

Region	No. of Customers	Customer ID	Peak-hour Flow, gpm	Type of Water Usage	Customer's Name
	23		22	IRRNIGHT	Lou Costello Jr Youth Center
	24		1315	IRRNIGHT	Calvary Catholic Cemetery
	25		287	IRRNIGHT	Home of Peace Cemetery
	26		56	IRRNIGHT	Serbian Cemetery
	27		66	INDDAY	Seoul Texprint
	28		92	INDDAY	E&C Fashion
	29		128	INDDAY	Other Industrial Customers
	30		394	INDDAY	Developer w/ Cooling Towers
Southeast	31	SE24	81.34	IRRNIGHT	Lowell Joint School District
	32	SE25	77.75	IRRNIGHT	Norwalk/La Mirada School District
	33	SE26	57.94	IRRNIGHT	Eastwood Elementary
	34	SE27	56.42	IRRNIGHT	Gardenhill School
	35	SE28	56.22	IRRNIGHT	El Camino School (Norwalk/La Mirada School District)
	36	SE3	31.99	IRRNIGHT	La Mirada, City of / Frontier Park (6 acres)
	37	SE30	52.73	IRRNIGHT	La Pluma School
	38	SE31	46.78	IRRNIGHT	Lowell Joint School District
	39	SE32	43.27	IRRNIGHT	Whittier Christian
	40	SE34	36.72	IRRNIGHT	Hutchinson School
	41	SE36	23.92	IRRNIGHT	El Camino High School
	42	SE37	428.69	IRRNIGHT	Biola University
	43	SE38	41.59	IRRNIGHT	Norwalk/La Mirada School District
	44	SE39	35.19	IRRNIGHT	Norwalk/La Mirada School District
	45	SE4	549.58	IRRNIGHT	La Mirada Regional Park (L.A. County - 100 acres)
	46	SE41	232.2	IRRNIGHT	California H.S. (Whittier Union High School District)

Region	No. of Customers	Customer ID	Peak-hour Flow, gpm	Type of Water Usage	Customer's Name
	47	SE42	378.43	IRRNIGHT	Whittier College
	48	SE44	56.08	IRRNIGHT	Longfellow Elementary School
	49	SE5	90.63	IRRNIGHT	La Mirada, City of / Los Coyotes Athletic Facility (10 acres
	50	SE50	107.4	IRRNIGHT	Whittier H.S. (Whittier Union High School District)
	51	SE52	147.16	IRRNIGHT	Park Development, Inc.
	52	SE53	271.74	IRRNIGHT	LA County Mech (La Mirada Regional Park - ?)
	53	SE6	82.64	IRRNIGHT	La Mirada, City of
	54	SE7	51.83	IRRNIGHT	Olive Lawn Memorial Park
	55	SE8	44.34	IRRNIGHT	La Mirada, City of / Kling Center Athletic Fields (leased fr
	56	SE9	38.99	IRRNIGHT	La Mirada, City of / Gardenhill Park (6 acres)
	57	W11	153.61	24HR	Clougherty Packing Co., LLC
	58	W13	388.98	IND_DAY	A's Match Dyeing Co. Inc.
	59	W14	428.19	IND_DAY	Unipolo Fabric Corp
	60	W17	175.04	24HR	Wimatex, Inc.
	61	W18	34.97	IND_DAY	Overhill Farms, Inc. (Main Site)
	62	W20	29.65	IND_DAY	FJ Food Service Inc
	63	W22	89.1	IND_DAY	Pabco Paper Products Co.
West	64	W24	22.9	IND_DAY	United Food Group
	65	W25	22.7	IND_DAY	Camino Real Foods
	66	W26	109.33	IND_DAY	Versacold MS #12
	67	W28	20.86	IND_DAY	Service Packing
	68	W29	93.13	IND_DAY	Royal Printex Inc
	69	W30	155.5	IND_DAY	Complete Garment, Inc
	70	W31	86.04	IND_DAY	Packaging Adv Corp

Region	No. of Customers	Customer ID	Peak-hour Flow, gpm	Type of Water Usage	Customer's Name
	71	W35	11.66	IND_DAY	Red Chamber Co
	72	W36	87.42	IND_DAY	Conceptual Textile Printing
	73	W38	8.49	IND_DAY	Packers Investments
	74	W8	92.07	24HR	Matheson Tri-Gas
Totals	74		11,267		

D. IMPLEMENTATION PLAN

Several factors are key to implementing the five-year CIP. Existing partnerships with neighboring agencies have resulted in projects that expand the CBMWD system and sales beyond the service area limits. The cooperative effort in developing the Central Basin Recycled Water Project also included regulatory oversight from the Los Angeles County Department of Public Health (LACDPH) and the Regional Board as well as funding from MWD and the United States Bureau of Reclamation. Cities within CBMWD's service area also provided support that was critical to the project.

When developing the existing Recycled Water Project and in an effort to efficiently use local resources and keep overhead costs low, Central Basin elected not to hire field operations staff. Instead, CBMWD entered into agreements with other water companies and agencies to operate the facilities in or near their current service area. In addition to its partnership with the Sanitation Districts, CBMWD coordinated its operations and maintenance needs with California Water Service Company, and Park Water Company.

I. Agreements and Ordinances

CBMWD currently has established procedures for securing recycled water service for irrigation use (Reference Appendix 7, Central Basin Municipal Water District Recycled Water Program Recycled Water Procedures for Irrigation Use). These procedures include detailed site assessment evaluations, obtaining "Letter of Intent" and "Conditions for the Introduction and Use of Recycled Water," preparation of DDW and LACDPH Engineering Reports (or Industrial Engineering Reports), construction schematics, "Retrofit Financing Agreements," construction oversight requirements, cross-connection testing, and post-connection program.

When establishing RW service with future customers, CBMWD may prepare a Water Service Agreement and Construction and Operations License Agreement. The Water Service Agreement is developed to address various items including issues of RW quality and quantity, the payback period for necessary constructed improvements, and customer's obligation to pay for any of the associated costs. The Construction and Operations License Agreement addresses issues relating to CBMWD's construction and operating improvements on a specific facility, including ownership and access rights, responsibility for operations, and mutual indemnification. Board approval is required for all proposed agreements between CBMWD and individual customers. Additionally, any amendments to such agreements must also be presented to the Board for review and approval.

II. Ability and Timing of Users to Join System and Make On-Site Investments

CBMWD does not currently mandate or have any such requirement.

III. Regional Board and CSDLAC Requirements

In addition to established ordinances adopted by DDW pertaining to strict public health and safety requirements and guidelines, which include Title 17 and Title 22 requirements of the California Code

of Regulations, recycled water is also regulated by the SWRCB. The SWRCB oversees the production, conveyance, and use of recycled water through its nine Regional Boards. The Los Angeles Regional Board issues permits to the CSDLAC for the use of recycled water in the Joint Outfall System, which includes the San Jose Creek and Los Coyotes Water Reclamation Plants. CSDLAC has adopted ordinances and requirements for recycled water users. Anyone who obtains and/or uses recycled water will need to make sure that the water use meets all regulations and also complies with the conditions in the recycled water permits issued to CSDLAC by the Regional Board and the ordinances adopted by the districts. The "Requirements for Recycled Water Users Handbook" (dated July 1, 2008) contains rules on what can and cannot be done with recycled water, how to obtain permission to use recycled water, how to operate and manage reuse sites, information onsite inspections and site access, corrective actions, notification and reporting, and record keeping. Reference Appendix 8, County Sanitation Districts' "Process to Obtain Permission to Use Recycled Water."

IV. Water Rights Impacts

Per CBMWD, there are no additional water rights impacts.

5. Construction Financing Plan and Revenue Program

CBMWD develops its budgets based on the priorities and goals established by the Board of Directors. These priorities and goals are communicated to the General Manager who then works with the staff to ensure the budget includes the monetary requirements necessary to achieve these goals.

Each month, staff receives a budget-to-actual report for review, which assists them in monitoring costs. In the event that a need arises to reallocate or increase funds, the General Manager and/or the Board of Directors may do so any time throughout the fiscal year. CBMWD's budget process for the following fiscal year normally begins around January.

Step 1: Each department head reviews the department's personnel needs for the next fiscal year. He or she will allocate each employee's time to CBMWD's programs and prepare a preliminary budget for his/her area of responsibility. Department heads meet individually with the General Manager and a consultant and/or his/her representative to review both the labor needs and preliminary budgets. The General Manager will make changes to the preliminary budget as needed.

Step 2: Water sales projections and water rate assumptions are discussed. Department heads meet with the General Manager to discuss revised program budgets. Department heads discuss the department's goals and objectives and provide explanations for major variances from the prior year budget.

Step 3: Department heads provide their projections for the budget and provide any revisions needed to reflect changes requested by the General Manager.

Step 4: A preliminary budget is presented to the Board of Directors. The Chief Financial Officer and/or his/her representative discuss the budget assumptions, labor needs, revenue requirements and debt coverage. Each department head makes a detailed presentation regarding his/her budget. At this time, Board members may give direction or request changes to the proposed draft budget.

Step 5: Any changes requested by the Board of Directors and/or the General Manager are incorporated into the draft budget. The draft budget is then distributed to the Board of Directors prior to another Board budget workshop.

Step 6: Board of Directors adopts the operating and capital budget for the next fiscal year beginning July 1.

A. Sources and Timing of Funds

Capital costs for CBMWD projects may be covered by various sources, as available. One such source includes the Metropolitan Water District (MWD) Local Resources Program incentive. To qualify, proposed RW projects by member agencies must cost more than projected MWD treated non-interruptible water rates and reduce potable water needs. CBMWD has remained affiliated as a member agency and is therefore considered for rebates of up to $250/AF offered under the program.

CBMWD continuously applies for Federal and State grant funding for RW projects as they become available. In 2005, Central Basin was awarded a $3.5 million grant for the SWRP through the Greater Los Angeles Integrated Regional Water Management Plan. Additionally, in 2009, CBMWD was awarded a $5.6 million grant from the American Reinvestment and Recovery Act (ARRA), in addition to other grants received.

B. PRELIMINARY FINANCIAL ANALYSIS AND PRICING POLICY

A preliminary financial analysis was performed for the recommended project to determine the financial feasibility of implementing the proposed CIP. The analysis is based on operating and non-operating costs and revenues, and is represented by a cash-flow spreadsheet as shown in Table 5-1. The cash-flow spreadsheet is primarily an illustration to provide initial order-of-magnitude considerations, among other possible illustrations. Capital costs are based on the foregoing CIP; other costs are based on a range of estimations derived from available CBMWD data or from comparable systems of other agencies. The major sections of the table are referenced below along with associated assumptions.

C. ANNUAL PROJECTIONS

I. Operating Costs

Operating costs include project capital, operation and maintenance, purchased RW supply, and general and administrative (G&A). The dominant costs are the project capital cost, which is taken from the foregoing CIP, and operation and maintenance costs, which are based on estimates of system power, labor and non-labor. Purchased RW supply is the cost of acquiring the water for distribution from the two WRPs.

- Escalation of operation and maintenance costs generally followed the 3% per year inflation noted earlier in the CIP, with the exception that power costs were escalated at 4% per year
- Purchased RW supply cost was assumed to be based on current CSDLAC agreements, which would start at $53.91 per acre-foot and would be escalated over time using the treatment escalation factors. The volume of supply was assumed to equal the sum of irrigation demands
- G&A costs cover an assumed fraction of non-O&M staff costs and are estimated at 10% of RW sales

II. Operating Revenue

Operating revenue consists of RW sales, potable water surcharge, and MWD's Local Resources Program rebates (MWD-LRP).

- RW demands are based on use and site phasing associated with the detailed pipe costs in the foregoing CIP. RW sales revenue was calculated based on the CBMWD's current RW of $536/AF. RW rates were escalated at 2% per year

- Potable water surcharge is based on $20 per acre-foot of potable water sales and is prorated for the expansion based on RW expansion sales as a fraction of expansion plus existing sales.
- MWD-LRP incentives are based on the current maximum rate of $250 per acre-foot

III. Non-Operating Costs

Non-operating costs include costs associated with debt from borrowing. Local funds are assumed to contribute 0% of the total project capital. Local funds are not considered as debt free capital because they should be paid back with interest. Grants and a capital reserve funds are debt free monies and are only shown for completeness. The total loan percentage was assumed to be 100% of the total project capital and the loan type, a State Revolving Fund, or equivalent low-interest loan. Grants were assumed to be 0% of the total project capital, as a worst-case assumption. Bonds were also assumed to be 0% of the total project capital.

- Local funds debt service assumes an effective interest rate of 4.5% per year
- Loan debt service assumes a term of 20 years with interest at 2.5% per year
- Bond debt service assumes a term of 30 years with interest at 5.0% per year

IV. Non-Operating Revenue

The four sources of non-operating revenue considered were local funds, loans, grants, and bonds, and a line item for a balancing fund. Local funds are assumed to be held by the cities. There is no penalty for using these funds but it should be considered whether these monies could be replaced when the program becomes more profitable. Loan revenue is available capital that results from interest and loan repayments. Grants provide a source of revenue that is debt free. Federal grants for this type of program are typically limited to 25% of the total capital cost. Bonds are mathematically similar to loans. The balancing fund is a tool used as a way to get the net change in capital in the bottom section of the spreadsheet to equal to zero for each year. In reality this could be melded with consideration for local fund borrowing and repayment.

On the spreadsheet's bottom line, the net change in capital was forced to be zero by assuming specific trends for the RW rate and MWD LRP rebates, and then adjusting the balancing fund over time. With current values used, the balancing fund shows there is approximately $25M needed over the 20 years for additional revenue, beyond the above-noted assumptions, to balance the budget. While considerable details would need to be developed and iterative optimizations performed, the project's CIP appears financially feasible.

Table 5-1. Preliminary Financial Analysis

CBMWD DRAFT CASH-FLOW ANALYSIS
Recycled Water Program @ 5,481 AFY
(escalated $ x 1000, Phase 1 and 2 costs)

	Phase 1 + East Los Angeles Expansion					Phase 2															
ITEM	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	Total
OPERATING COSTS																					
CAPITAL ELIGIBLE	5,904	7,585	6,142	2,221	2,726	4,845	4,845	4,845	4,845	4,845	0	0	0	0	0	0	0	0	0	0	48,803
OPERATION & MAINTENANCE	123	234	502	630	1,564	1,890	2,236	2,601	2,987	3,394	3,501	3,610	3,723	3,840	3,961	4,085	4,213	4,345	4,482	4,623	56,544
PURCHASED RW SUPPLY	15	28	60	76	190	231	274	322	371	423	439	455	472	490	508	526	546	566	587	609	7,189
GENERAL & ADMINISTRATION	14	27	57	71	174	208	244	281	319	358	365	373	380	388	395	403	411	420	428	437	5,753
TOTAL OPERATING COST	6,056	7,874	6,761	2,998	4,655	7,174	7,599	8,048	8,522	9,021	4,305	4,438	4,575	4,717	4,864	5,015	5,170	5,331	5,497	5,668	118,288
OPERATING REVENUE																					
RECYCLED WATER SALES	143	270	572	710	1,743	2,084	2,438	2,805	3,186	3,581	3,653	3,726	3,800	3,876	3,954	4,033	4,114	4,196	4,280	4,365	57,531
POTABLE WATER SURCHARGE	74	130	244	284	519	568	610	648	682	712	712	712	712	712	712	712	712	712	712	712	11,588
MWD-LRP INCENTIVE	66	121	252	306	737	863	990	1,117	1,288	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	20,812
TOTAL OPERATING REVENUE	283	521	1,067	1,300	2,999	3,515	4,039	4,570	5,156	5,663	5,735	5,808	5,882	5,958	6,036	6,115	6,196	6,278	6,362	6,447	89,930
NET OPER. PROFIT	(5,773)	(7,353)	(5,694)	(1,698)	(1,656)	(3,659)	(3,560)	(3,478)	(3,366)	(3,358)	1,430	1,370	1,307	1,241	1,172	1,100	1,026	947	865	779	(26,358)
NON-OPERATING COSTS																					
LOCAL FUNDS DEBT SERVICE[b]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOAN DEBT SERVICE[a]	0	379	866	1,260	1,402	1,577	1,888	2,199	2,510	2,821	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	46,222
GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPITAL RESERVE FUND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOND DEBT SERVICE[c]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NON-OPER. COST	0	379	866	1,260	1,402	1,577	1,888	2,199	2,510	2,821	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	46,222
NON-OPER. REVENUE																					
BALANCING FUNDS	(131)	147	418	737	332	391	603	832	1,031	1,334	1,702	1,762	1,825	1,891	1,960	2,032	2,106	2,185	2,267	2,353	25,777
LOCAL FUNDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOAN	5,904	7,585	6,142	2,221	2,725	4,845	4,845	4,845	4,845	4,845	0	0	0	0	0	0	0	0	0	0	48,803
GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NON-OPER. REVENUE	5,773	7,732	6,560	2,958	3,058	5,236	5,448	5,677	5,876	6,179	1,702	1,762	1,825	1,891	1,960	2,032	2,106	2,185	2,267	2,353	74,580
NET NON-OPER. PROFIT	5,773	7,353	5,694	1,698	1,656	3,659	3,560	3,478	3,366	3,358	(1,430)	(1,370)	(1,307)	(1,241)	(1,172)	(1,100)	(1,026)	(947)	(865)	(779)	28,358
NET PROFIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BEGINNING BALANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NET CHANGE IN CAPITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENDING BALANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

a) The loan debt service assumes a loan over 20 years with interest at 2.5%/year, as if taken annually.
b) The local fund debt service assumes an effective interest rate of 4.5%/year, as if borrowed annually.
c) The bond debt service assumes a bond over 30 years with interest at 5%/year, as if taken annually.

Appendix 1. Customer's Existing Monthly Usage

Central Basin MWD

Recycled Water - Acre Feet Produced

Fiscal Year 2010 - 2011

Sites	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Bellflower Municipal Water Systems													
Bellflower Medians	.29	.29	.26	.28	.33	.14		.19		.24	.29	.26	2.57
Foster / Coldbrook Median	.03	.04		.06	.03	.03	.04	.02	.02	.03	.03	.03	.36
Zinn Park	.65	.77	.55	.43	.25			.07			.06	.87	3.65
Total	.97	1.10	.81	.77	.61	.17	.04	.28	.02	.27	.38	1.16	6.58
Bellflower-Somerset Mutual Water Co													
Alondra Median @ San Gabriel River		.03	.03	.05	.06	.03							.20
Bellflower High School	8.79	11.38	10.62	5.97	4.20	2.72	1.06	2.51	2.09	3.60	6.93	10.52	70.39
City of Bellflower	.13	.18	.21	.17	.13	.06	.01	.01	.05	.06	.08	.10	1.19
Clark Center Ent													
Ernie Pyle High School	1.85	2.21	1.80	1.49	.51	.62	.28	.44	.53	.99	.83	1.62	13.17
Simms Park	2.05	2.08	1.80	1.22	1.07	.03	.51	.64	.43	1.47	1.76	2.17	15.23
Woodruff & Maple	.01	.01	.01	.01	.01							.01	.06
Total	12.83	15.89	14.47	8.91	5.98	3.46	1.86	3.60	3.10	6.12	9.60	14.42	100.24
City of Cudahy													
Lugo Park	.93	.98	.73	.23	.31			.08	.32	.27	.81	.66	5.32
Total	.93	.98	.73	.23	.31			.08	.32	.27	.81	.66	5.32
City of Downey													
8740 Firestone S/W Corner of F.S & Nash	.03	.04	.03	.04	.04	.03		.04	.04	.05	.03	.03	.40
8764 Firestone S/S Firestone, W/O Drive	.03	.04	.03	.08	.07	.06	.02	.09	.06	.09	.08	.07	.72
9020 Firestone, Lakewood side	.28	.37	.28	.36	.29	.24	.13	.91	.07	.17	.31	.32	3.73
Caltrans (I-105/Bellflower)	1.87	2.38	1.53	1.25	1.26	1.17	.68	.25					10.39
Caltrans (I-105/Lakewood)	.32	1.69	.43	.36	.25	.14	.06	.06	.08	.08	.03	.06	3.56
Carpenter Elementary School	.55	.98	1.25	1.38	.85					.46	1.01	.95	7.43
Columbus School (baseball field)	2.79	3.24	2.32	2.24	.82	.26		.38	.24	1.02	2.22	1.50	17.03
Cornerstone Commerce Center #49	.83	.50	.53	.60	.56	.15	.18	.77	.59	.65	.61	.63	6.60
County #23	.01	.37	.05	.04	.03					.06	.01	.07	.64
Crawford Park	.98	1.39	1.05	.91	.45	.08		.30	.20		1.03	.63	7.02
Downey Cemetery	2.78	5.66	3.94	5.41	2.46	.39	.67	1.47	1.61	1.95	1.29	1.99	29.62
Downey Studios	.58	1.04	.63	.37	.01	.03	.06	.32	.07	.21	.73	.79	4.84
E/O Lakerwood @ 9002 Imperial	.06	.04			.01				.02	.03	.02	.02	.20
E/S Lakewood @ Alameda													
E/S Lakewood @ S/O Rose	.37	.58	.52	.63	.29	.38	.48	.50	.34	.42	.29	.27	5.07
E/S Lakewood across #122098/15	.11	.59	.35	.14	.06	.06	.02	.03	.03	.03	.03	.03	1.48
E/S Lakewood Between 3rd & 5th	.05	.08	.05										.18
E/S Lakewood btwn 2/s entrance	.34	.65	.07	.40	.22	.24	.06	.28	.21	.29	.21	.20	3.17
E/S Lakewood N/O Alameda / Median	.53	.55	.32	.22	.13	.16	.12	.21	.14	.27	.27	.38	3.30
E/S Lakewood N/O Rose / Median / Tragle Park	.11	.13	.10	.09	.06	.06	.03	.07	.06	.08	.06	.10	.95
E/S of Lakewood next to cemetary	.03	.22	.18	.17	.05	.11	.01	1.77	.05	.07	.06	.05	2.77
East Middle School	.32	.78	2.04	2.85	2.70	.76		.01	.67	1.41	4.05	3.34	18.93
Foster Rd. @ Premier Ave	.05	.08	.08	.07	.06	.10	.05	.08	.07	.01			.65
Gauldin Elementary School	.21	.61	3.57	(1.34)	.87						.70	.64	5.26
Humedo Nursery	.69	1.04	.67	.60	.33	.10	.15	.27	.25	.69	.60	.60	5.99
Independence Park	2.09	2.45	.93	1.19	.85	.33	.23	.64	.52	.87	1.13	1.42	12.65
Kaiser Admin Bldg	.26	.64	.84	.77	.31	.41	.24	.29		.43	.69	.73	5.61

Sites	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Lewis School	.45	.76	1.00	1.11	1.00	.07	.01	.06	.03	.32	.65	.60	6.06
N SH Pkwy at @ 2nd Kaiser Dr frm East	.83	1.26	1.02	1.39	1.05	1.46	.36	.01	.01	.11	.70	.40	8.60
Palm Growers Nursery													
Rio Hondo Flood Control Channel													
Rio Hondo Golf Course	27.77	44.53	24.17	10.89	8.78	2.82	3.16	5.58	7.01	20.51	28.83	31.73	215.78
Rio San Gabriel Park	4.73	6.52	3.25	4.18	2.90	.77	1.00	3.72	1.06	1.63	2.56	3.47	35.79
Rio San Gabriel School	1.57	2.45	2.37	2.16	2.15					.59	1.63	3.10	16.02
S. SH Pkwy W/O Driveway		.34	.42	.47	.36	.62	.28	.40	.41	.39	.31	.06	4.06
S. SH Pkwy W/O E Kaiser Driveway	1.77	2.73	1.99	1.98	1.01	.64	.53	.57	.14	.98	2.27	1.66	16.27
S/E corner of Lakewood & Hall Rd	.43	.75	.39	.52	.28		.31	.60	.47	.65	.51	.45	5.36
S/S @ S&G Eclipse Landscaping	.55	1.07	.86	.30	.25	.09	.11	.41	.31	.53	.57	.42	5.47
S/S 5th @ Lakewood													
S/S S&G Pky Lakewood to Bellflower	.05	.14	.11	.14	.11	.13	.08	.14	.09	.07	.06	.06	1.18
S/S St. Horn Wy E/O Bellflower	.16	.14	.06	.04				.01	.01	.03	.25	.04	.74
South Middle School	.37	1.32	1.37	1.71	1.52					.30	.83	.28	7.70
Space Learning Center	5.07	4.49	3.65	2.99	1.54	.15	.18	1.02	.73	1.55	3.23	2.40	27.00
SW Corner of Lakewood/Imperial	.05	1.69	(1.57)	.05	.02	.03	.01	.03	.02	.15	.06	.07	.61
Temple Park	.16	.23	.14	.23	.09	.03		.07	.05	.12	.10	.10	1.32
W/S Bellflower @ entrance to retail ctr	.53	.51	.52	.56	.17	.28	.13	.28	.13	.35	.26	.27	3.99
W/S Bellflower N/O Steve Horn Wav	1.02	1.47	1.02	1.17	.54	.68	.11	.62	.29	.27	.51	.52	8.22
W/S Bellflower S/O Stewart & Grav Rd	.22	.34	.29	.31	.19	.25	.13	.51	.53	.66	.35	.23	4.01
W/S Lakewood N/O Hall Rd / Median	.33	.46	.31	.36	.11	.14	.02	.16	.12	.14	.12	.17	2.44
W/S Lakewood S/O 11215 Lakewood Pky	.10	.12	.09	.10	.05	.01	.02	.07	.06	.07	.06	.06	.81
W/S Lakewood S/O Bellflower	.87	1.10	.80	1.15	.15	1.71			.43	.66	.87	.89	8.63
West Middle School	1.78	2.43	1.92	2.86	2.53	.55	.16	.32	.25	1.11	1.66	1.77	17.34
Wilderness Park	11.94	17.26	7.98	15.76	6.35	5.03	3.41	4.63	5.27	7.36	8.02	9.80	102.81
Total	77.02	118.25	73.95	69.26	44.18	20.72	13.20	27.95	22.74	47.89	69.87	73.37	658.40
City of Huntington Park													
Salt Lake Municipal Park	7.70	4.67	5.38	1.78	1.22	.26	2.28	1.27	1.85	5.53	7.27	6.10	45.31
Total	7.70	4.67	5.38	1.78	1.22	.26	2.28	1.27	1.85	5.53	7.27	6.10	45.31
City of Lynwood													
Caltrans (I-105/I-710 @ Fernwood & Wright)	.19		.02		.04		.29	.11	.10	.02	.06	.14	.97
Caltrans (I-710/Martin L. King)													
Imperial/Wright Median	.08	.09	.04	.04	.04	.04	.06	.04	.27	.01			.71
Total	.27	.09	.06	.04	.08	.04	.35	.15	.37	.03	.06	.14	1.68
City of Norwalk													
Corvallis Middle School	4.89	3.47	7.43	4.97	3.22	.45	.09	1.03	.46	1.10	1.94	4.94	33.99
D.D. Johnston Elementary School	1.24	1.65	1.10	.09	.21	.18		.25	.16	.29	.52	1.09	6.78
Morrison Elementary School		.04	.67							.13	1.48	1.43	3.75
Norwalk High School	6.48	5.82	6.80	1.23	1.71	.89	1.15	.76	.98	1.74	2.54	14.05	44.15
Ramona Park	.63	.61	.64	.27	.29	.22	.06	.16	.16	.41	.51	.39	4.35
Total	13.24	11.59	16.64	6.56	5.43	1.74	1.30	2.20	1.76	3.67	6.99	21.90	93.02
City of Paramount													
ABC Nursery													
Alondra Jr. High School	2.16	3.01	1.39	1.19	1.05	.20	.24		125.18	(122.75)	.69	1.31	13.67
Alondra Median	.43	.59	.47	.46	.39	.18	.14	.16	.16	.24	.21	.28	3.71
Alondra Medians	.47	.62	.75	.39	.29	.12	.22	.16	.22	.36	.39	.50	4.49
Alta Produce	.14	.27	.26	.12	.08	.06	.10	.06	.06	.16	.14	.29	1.74
Belloso Farm Nursery			.72	.03	.34	.03	.25	.14	.14	.26	.13		2.04
Billy Lee Nursery	1.33	1.56	1.00	.43	.48	.11	.39	.20	.34	.90	.84	1.23	8.81

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Sites	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Caltrans (I-105/I-710 @ Edison)									25.31				25.31
Clearwater Jr High School (Para Jr. H.S.)	4.77	6.79		7.55	1.80	.99	2.49		.38	1.54	3.57	4.74	34.62
Compton Golf Course	3.20	6.38	2.65	1.12	.64	.12	.04	.14	.05	.57	4.29	4.49	23.69
Dills Park San Luis /Dillis Park	4.89	6.44	3.76	1.89	2.49	.96	1.90	.56	.77	2.70	3.27	4.04	33.67
Downey & Contreras Median	.06	.02	.03	.01			.01	.01	.02	.05	.06	.07	.34
End of San Luis LA County Flood Control	.36	.22	.06							.22	.46	.09	1.41
Garfield Medians	.16	.17	.20	.19	.19	.03	.05	.02	.05	.13	.12	.15	1.46
Jaugregui Nursery	.78	1.02							1.56	1.27	1.17		5.80
Jefferson School -P.U.S.D	.28	.58	.47	.23	.19	.20	.20	.25	.16	.17	.17	.21	3.11
Keppel Elementary School	.57	.76	.53	.50	.01		.01	.04	.05	.08	.06	.06	2.67
Lakewood Medians	.31	.29	.20	.17	.09		.07		.03	.34	.06	.20	1.76
Los Cerritos Elementary School	1.26	1.89	1.73	.77	.84	.43	.75	.69	.77	1.07	.97	1.07	12.24
Los Cerritos Elementary School-SEP	.25	.25	.18	.06	.07	.03	.04	.04	.04	.08	.10	.17	1.31
Mokler E.S.	1.50	1.61	1.24	.75	.84	.40	.39	.39	.46	.77	.96	1.20	10.51
Orange & Cortland Parkway	.22	.23	.28	.26	.24	.27		.17	.19	.20	.23	.31	2.60
Orange Avenue Median	.45	.37	.50	.27	.16	.11	.01	.20	.20	.39	.28	.45	3.39
Paramount High School	2.26	4.97	3.35	1.07	1.16	.86	.89	.59	.62	1.49	2.39	3.49	23.14
Paramount Medians	.33	.45	.37	.44	.33	.20	.23	.20	.17	.37	.41	.58	4.08
Paramount Park	2.75	3.98	2.70	2.14	1.81	.79	1.02	.55	.87	1.68	2.52	3.52	24.33
Paramount Petroleum Corp.													
Progress Park	1.74	2.33	1.59	1.31	.59	.29	.15	.60	.60	1.03	1.58	2.16	13.97
Robertson's Redi-Mix	.68	.79	.78	.55	.93	.37	.63	.36	.52	.81	.69	.98	8.09
Rosecrans Median	.63	.88	.72	.66	.66	.17	.33	.16	.06	4.90			9.17
Rosecrans/Paramount Median 7903 Rosecrans A	5.57	(5.12)	.28	.20	.20	.16	.24	.11	.17	.18	.11	.14	2.24
Somerset Median	.15	.19	.16	.15	.17	.02	.06	.03	.06	.09	.09	.11	1.28
Somerset Median Setback	.45	.47	.66	.48	.50	.29	.25	.08	.20	.28	.26	.32	4.24
Spane Park	1.07	1.68	1.22	.78	.58	.38	.33	.35	.62	.53	.72	1.20	9.46
Tavs Cool Fuel	.17	.28	.73	.34	.26		.18		.12	.25	.93		3.26
Texaco/Somerset City Lot	.15	.19	.16	.17	.16	.04	.04	.03	.06	.07	.12	.05	1.24
Wirtz Elementary School	1.42	1.99	1.70	.82	.67	.62	.46	.47	.60	.83	1.13	1.42	12.13
Total	40.96	46.15	30.84	25.50	18.21	8.43	12.11	6.76	160.81	(98.74)	29.12	34.83	314.98
City of Pico Rivera													
River Ridge Golf Course	3.77	4.73	1.99	1.29	2.05	.39	.46	.46	.93	1.75	2.23	3.99	24.04
Total	3.77	4.73	1.99	1.29	2.05	.39	.46	.46	.93	1.75	2.23	3.99	24.04
City of Santa Fe Springs													
Aquatic Center	.43	.46	.42	.26	.86	.25	.19	.07	.13	.17	.45	.72	4.41
Caltrans (I-5/1-605)				.23									.23
Carmenita Road	1.26	1.79	1.28	.43	.85	.33	.59	.54	.51	.54	1.17	1.32	10.61
CDM	.21	.26	.22	.18	.22	.14	.22	.20	.20	.15	.24	.21	2.45
Clark Estates	.83	.87	.78	.45	.42	.52	.14	.15	.21	.20	.45	.48	5.50
Clarkman Walkway	.01	.03	.06	.06	.04	.02	.01		.01	.02	.02	.02	.30
Dollison & Quinn Medians													
EO NOR/TEL	1.70	2.00	1.29	1.61	1.36	.48	.25	.63	.37	.31	2.36	1.43	13.79
Field (S/W Norwalk/ Telegraph)	1.55	1.58	1.70	.52	.45	.21	.15	.22	.42	.17	1.66	2.36	10.99
Florence Avenue			2.70	.25	.24	.13	.09	.07	.06	.02	.32	.42	4.30
Florence Median @ Maidstone	.26	.26	.29	.14	.17	.04	.03	.04	.08	.03	.14	.23	1.71
Foster Rd @ R	.48	.99	1.08	.46	.40	.09	.20	.09	.11	.15	.67	.58	5.30
Foster Rd @ S	.63	.72	.67	.36	.29	.11	.19	.14	.20	.26	.83	.88	5.28
Foster Road on Orden	.42	.45	.36	.23	.19	.11	.17	.22	.22	.22	.42	.53	3.54
Golden Springs	4.54	4.96	4.17	2.42	1.98	.47	1.42	1.10	1.27	1.54	4.08	4.55	32.50
Greenstone Warehouse	.23	.25	.25	.15	.20	.06	.04	.12	.09	.08	.24	.20	1.91

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Sites	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Heritage Corporate Center	3.50	3.59	3.75	2.55	2.28	1.57	1.19	1.92	1.75	1.71	3.61	2.84	30.26
Heritage Park	1.48	1.34	1.59	.56	.60	.38	.80	.35	.31	.26	.98	1.11	9.76
Imperial Highway	.15	.16	.16	.13	.02	.04	.02	.08	.05	.02	.15	.14	1.12
Imperial Hwy	.39	.54	.42	.21	.20	.10	.13	.09	.13	.21	.50	.43	3.35
Jersey Ave. School & Athletic Field	.98	.98	1.01	.96	.28	.06	.13				.24	.38	5.02
La County Vector Control Bldg	.48	.54	.47	.19	.20	.06	.09	.14	.14	.14	.48	.60	3.53
Lake Center Park	2.77	3.90	3.06	1.41	1.91	.51	.61	.48	.39	.29	1.47	2.85	19.65
Lake Center School	3.15	3.46	2.50	.97	1.05	.46	.50	.45	.32	.22	1.89	2.83	17.80
Lakeview Childcare Center	.20	.16	.22	.16	.16	.08	.04	.13	.06	.06	.17	.12	1.56
Lakeview Park	1.60	2.06	2.24	.74	.28	.85	.31	.22	.53	.20	.95	2.31	12.29
Leffingwell Rd	.66	.76	.66	.44	.53	.05	.25	.25	.31	.33	.69	.76	5.69
Little Lake Park	5.67	5.57	5.86	1.90	1.88	2.50	1.30	1.43	.49	.54	3.86	5.45	36.45
Los Nietos Park	3.11	3.04	4.61	.26	1.07	.02	.20	.13	.07	.09	.28	2.28	15.16
Marquardt Ave	.78	.92	.91	.46	.38	.13	.29	.38	.41	.38	.73	.65	6.42
Maruichi American	.12	.12	.06	.03	.03	.02	.03	.02	.02	.03	.17	.16	.81
MC & C Development	1.03	1.16	.88	.58	.70	.20	.23	.37	.21	.31	.99	.72	7.38
Mora Drive	.74	.72	.73	.28	.33	.09	.25	.16	.16	.14	.56	.76	4.92
Norwalk Blvd	1.42	1.54	1.66	1.07	.89	.43	.46	.60	.54	.56	1.39	1.20	11.76
Norwalk Parking/Geary Street (71K Facility)	.14	.30	.21	.12	.15	.11	.05	.05	.07	.12	.29	.26	1.87
Norwalk Walkway (71K Facility)	.17	.27	.19	.12	.19	.13	.06	.05	.07	.11	.28	.26	1.90
Norwalk/Median	.02	.02	.02	.02	.02	.01	.03	.02	.02	.02	.03	.02	.25
Orden Drive	1.00	1.00	.84	.51	.44	.30	.60	.46	.41	.46	.80	.82	7.64
Orden Drive G	1.04	1.23	.97	.58	.41	.17	.30	.30	.30	.34	.85	1.05	7.54
Orden Drive J	.95	.99	.89	.60	.42	.21	.41	.25	.23	.28	.66	.87	6.76
Orden Drive N	.65	.84	.64	.27	.22	.10	.18	.19	.16	.14	.56	.83	4.78
Orr & Day Median	.01		.01		.01								.03
Pioneer Blvd	4.39	4.89	4.39	1.33	3.74	1.37	.65	1.63	1.41	2.22	2.38	3.35	31.75
Pioneer Medians	.37	.38	.37	.17	.14	.03	.09	.10	.06	.04	.26	.31	2.32
Powerine / Cenco													
Robertson's Ready-Mix	.67	.65	.59	.46	.35	.25	.27	.31	.34	.45	.64	.46	5.44
Santa Fe High School	3.75	5.10	4.36	2.09	1.68	.58	1.12	.48	.70	.87	1.76	2.89	25.38
Santa Fe Springs Police Station	.12	.13	.13	.13	.18	.04	.04	.10	.11	.10	.20	.10	1.38
Santa Fe Springs Promenade	.17	.18	.18	.10	.05		.05	.07	.05	.03	.14	.16	1.18
Sculpture Garden													
Shoemaker Ave	.50	.63	.69	.30	.20	.03		.11	.14	.16	.43	.44	3.63
Shoemaker C	1.40	1.06	1.01	.50	.39	.13	.25	.28	.30	.36	.67	.76	7.11
Simon Trucking	.10	.10	.08	.08	.05	.02	.05	.05	.01	.02	.09	.10	.75
Soco-lynch	.18	.25	.22	.31	.31	.08	.19	.24	.22	.10	.28	.22	2.60
Telegraph Median	.47	.38	.38	.26	.34	.20	.19	.17	.11	.04	.23	.41	3.18
Town Center Green	1.24	1.33	1.15	.43	.31	.34	.21	.26	.13	.08	.49	.66	6.63
Towncenter Walkway	.02	.02	.03	.05	.04		.01	.02	.02	.01	.03	.03	.28
Tuftex Industries	5.62	6.36	6.41	7.28	8.91	6.21	6.19	6.90	6.33	5.75	12.06	6.67	84.69
Total	63.76	71.29	69.82	36.36	39.01	20.82	21.46	22.83	20.96	21.05	55.29	60.19	502.84
City of South Gate													
5900 Firestone Blvd	1.72	1.63	1.23	1.19	1.78	1.80	.17	1.21	1.47	1.68	1.84	2.08	17.80
Atlantic Median/Atlantic Ave.									.75	.03	.06	.07	.91
Atlantic Median/Southern Ln.									1.31	.06	.11	.13	1.61
Atlantic Median/Wright Rd.									1.34	.06	.12	.14	1.66
B&B Pallet Co.													
Belloso Nursery		.64	.29	.14	.20	.02		.10	.02	.06	.02		1.49
Circle Park	2.10	2.55	2.21	1.22	.40	.53	.21	.32	.86	1.26	1.43	1.69	14.78

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Sites	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Hollydale Park	15.89	22.73	11.93	5.14	7.16	1.20	5.84	5.38	1.38	13.36	68.72	14.89	173.62
Imperial Equestrian Center	.58	.76	.47	.14	.12	.19	.02	.12	.12	.39	.40	.64	3.95
L.A. River Landscape	.16	.10	.19							.12		.04	.61
Triangle Park	.36	.42	.33	.02	.08	.02		.03	.03	.10	.49	.47	2.35
Total	20.81	28.83	16.65	7.85	9.74	3.76	6.24	7.16	7.28	17.12	73.19	20.15	218.78
City of Vernon													
2715 East 50th Street	51.89	67.28	92.68	76.06	80.50	62.80	45.19	66.97	66.01	22.47	16.58	20.19	668.62
Total	51.89	67.28	92.68	76.06	80.50	62.80	45.19	66.97	66.01	22.47	16.58	20.19	668.62
City of Whittier													
Caltrans (I-605/Beverly)		15.66	12.78	3.03	2.36	1.58	3.68	2.38	1.47	2.01	2.15	2.59	49.69
Founder's Memorial Park (East)	1.32		2.06	.31	.17	.01	.07	.11	.03	.27	.37	.53	5.25
Founder's Memorial Park (West)	.82		1.23	.09	.16	.01	.08	.11	.04	.31	.27	.53	3.65
Longfellow Elementary School	.40	.56	.76		.69	.67	.15			.41	.43	.58	4.65
Orange Grove Elementary School	.86	1.45	.34		.26					.31		1.70	4.92
Palm Park (West Side)	1.40	1.46	1.39	.40	.43		.18	.36	.15	.58	.72	1.35	8.42
Walter Dexter Middle School	1.48	1.26	1.43	.80	.40	.24				.06	.98	1.67	8.32
Total	6.28	20.39	19.99	4.63	4.47	2.51	4.16	2.96	1.69	3.95	4.92	8.95	84.90
County of Los Angeles - Parks & Recreation													
Los Amigos Golf Course		.10	36.34	5.52	6.15	2.10	.86	5.08	4.13	9.59	21.83	28.62	120.32
Total		.10	36.34	5.52	6.15	2.10	.86	5.08	4.13	9.59	21.83	28.62	120.32
Golden State Water Company													
Artesia High School	5.57	6.43	1.66		.40	.20	7.69	1.30	1.70	2.58	3.44	5.64	36.61
Bell Gardens - Rio Hondo Channel	.34	.35	.39	.37	.51	.22	.26	.22	.22	.26	.26		3.40
Bell Gardens Soccer Field	.85	.95	.78	.42	.45	.39	.03	.21	.07	.18	.44		4.77
John Ford Park	10.74	10.81	11.01	6.58	3.51	2.65	.77	2.28	2.07	4.01	5.67		60.10
L.A. County Library	.80	.60	.67	.61	.42	.36	.20	.32	.34	.36	.53	.51	5.72
L.A. County Recorders Office	2.62	2.30	1.44	1.74	.55	.27	.20	.78	.85	.66	2.07	1.68	15.16
Metro State Hospital / Wheelabrator	46.37	23.19	27.88	22.79	19.96	16.07	15.99	9.80	10.91	16.68	42.58	25.67	277.89
Moffit School	.83	.99	1.02	.40	.01	.10	.03	.14	.21	.23	.76	.73	5.45
Palms Elementary School	2.05	2.57	1.93	.77	.41	.18	.08	.24	.39	.71	1.45	2.23	13.01
Palms Park - Lakewood	.68	.35	.31	.27	.20	.05	.05	.11	.12	.38	.43	.51	3.46
Paramount School District	.16	.16	.17	.10	.07	.07	.01	.05	.05	.05	.11		1.00
Pro Growers Nursery	7.32	6.62	7.57	4.41	2.81	1.39	1.21	2.66	1.64	3.13	5.90		44.66
Total	78.33	55.32	54.83	38.46	29.30	21.95	26.52	18.11	18.57	29.23	63.64	36.97	471.23
Park Water Company													
Andy's Nursery													
Caltrans (I-5 @ Firestone & Shoemaker)	.89	.67	.66	.64	.18				.21	.23	.20	.24	3.92
Caltrans (I-605/I-105 @ Foster/Behrans)													
Caltrans (I-605/I-105 @ Foster/Flatbush)												.10	.10
Caltrans (I-710/Rosecrans)	2.48	3.06	1.91	.13			.02						7.60
CT Realty Corp	.37	.08	.08	.11	.16	.16	.16	.15	.17	.16	.15	.17	1.92
Flatbush & Foster	.35	.57	.62	.22						.02	.04	.38	2.20
Foster Medians	.16	.19	.18	.13	.23	.13		.08	.08	.24	.24	.24	1.90
Garcia's Nursery													
Gerdes Park	2.22	2.02	2.28	1.69	1.67	.38	.31	.82	.45	1.28	1.90	2.14	17.16
Hanwell & Foster Road	.06	.07	.06	.06	.07	.03		.06	.05	.05	.05	.08	.64
Hargitt Middle School	2.12	3.23	2.77	1.39	2.31	1.81	1.68	1.56	2.32	2.38	3.09	3.30	27.96
Hollywood Sports Center	.53	.27	.15	.07	.06	.21	.02				.03	.34	1.68
John Glenn High School	7.58	9.01	5.55	6.69	.32	.98	.22	1.21	1.24	1.48	3.26	6.23	43.77
Lampton Middle School	2.11	.85	1.34	.99	.68	.79		.21	.34	.42	.68	1.83	10.24

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Sites	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
McNabb Landscapes	.04	.09	.06	.04	.05	.02		.03	.01	.03	.04	.05	.46
New River Elementary School	1.57	1.67	1.56	1.16	.42	.20	.01	.19	.28	.29	.49	1.35	9.19
Norwalk Adult School	4.65	5.91	5.24	2.57	1.17	1.36				.98	2.99	3.95	28.82
Norwalk Golf Course	4.38	3.70	3.23	1.37	1.88	.57	.46	.65	.60	1.53	2.65	3.92	24.94
Nuffer Elementary School	1.24	1.32	1.24	.99	.41	.26	.03	.20	.17	.44	.82	1.26	8.38
Romona Elementary School	.76	.80	.77	.61	.22	.30		.20		.17	.15	.28	4.26
Thompson Park	2.40	2.45	1.97	.99	.72	.24	.52	.76	.10	.83	1.44	3.32	15.74
Vista Verde Park	2.09	2.22	2.20	1.37	1.49		.35	.58	.46	1.03	1.57	.24	13.60
Woodruff Medians	.58		1.18	.56	.55	.46	.01	.66			.63	.56	5.19
Zimmerman Park	2.74	2.22	2.31	1.57	2.55	.17	.24	.49	.48	.56	.73	2.73	16.79
Total	39.32	40.40	35.36	23.35	15.14	8.07	4.03	7.85	6.96	12.12	21.15	32.71	246.46
San Gabriel Valley Water Co													
Katherine Edwards School	4.78	3.98	3.43	2.04	1.76					1.49	3.21	3.75	24.44
Sorensen Park	2.62	2.96	2.68	1.37	.94	.85	.03	.81	.53	.92	1.74	2.19	17.64
Sorensen School	1.09	.94	1.01	.53	.58	.44	.03	.03	.03	.39	.63	1.12	6.82
Washington Elementary School	1.19	1.29	1.33	.40	.53	.32				.32	.78	1.69	7.85
Total	9.68	9.17	8.45	4.34	3.81	1.61	.06	.84	.56	3.12	6.36	8.75	56.75
Upper San Gabriel Valley MWD													
Gateway Pointe	3.06	2.45	2.25	1.21	1.05	.46	.54	.96	.45	1.23	1.76	2.68	18.10
Mills Elementary School	1.80	1.51	1.64	1.03	.97	.15				.43	.82	.80	9.15
Rio Hondo College	4.10	4.08	3.21	1.30	3.12	1.82	.87	.74	.52	.79	2.61	2.47	25.63
Rose Hills Memorial Park	98.67	83.31	78.56	39.95	21.57	7.13	1.90	11.60	9.04	21.49	46.29	71.74	491.25
Total	107.63	91.35	85.66	43.49	26.71	9.56	3.31	13.30	10.01	23.94	51.48	77.69	544.13

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Sites	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Grand Total	535.39	587.58	564.65	354.40	292.90	168.39	143.43	187.85	328.07	109.38	440.77	450.79	4,163.60

RW Delivered by FY

FY 1991 - 1992	24.85
FY 1992 - 1993	317.73
FY 1993 - 1994	1,420.10
FY 1994 - 1995	2,309.01
FY 1995 - 1996	2,902.16
FY 1996 - 1997	3,481.16
FY 1997 - 1998	2,945.36
FY 1998 - 1999	3,093.09
FY 1999 - 2000	3,682.98
FY 2000 - 2001	3,407.98
FY 2001 - 2002	3,746.81
FY 2002 - 2003	3,606.28
FY 2003 - 2004	3,821.55
FY 2004 - 2005	3,188.98
FY 2005 - 2006	3,936.22
FY 2006 - 2007	5,311.15
FY 2007 - 2008	5,072.92
FY 2008 - 2009	4,716.49
FY 2009 - 2010	4,317.18
FY 2010 - 2011	4,163.60
FY 2011 - 2012	2,521.12
Total	67,986.72

Sites added by Fiscal Year

FY 1991 - 1992	10
FY 1992 - 1993	25
FY 1993 - 1994	37
FY 1994 - 1995	18
FY 1995 - 1996	30
FY 1996 - 1997	16
FY 1997 - 1998	5
FY 1998 - 1999	10
FY 1999 - 2000	8
FY 2000 - 2001	8
FY 2001 - 2002	6
FY 2002 - 2003	11
FY 2003 - 2004	4
FY 2004 - 2005	3
FY 2005 - 2006	35
FY 2006 - 2007	4
FY 2007 - 2008	9
FY 2008 - 2009	14
FY 2009 - 2010	12
FY 2010 - 2011	6
FY 2011 - 2012	6
FY 2012 - 2013	2
Total	279

Sales by Category - AF

Cak Trans Freeway	
Cemeteries	97.37
City Landscapting	326.39
co-generation plant	277.89
concrete mixing	13.53
Golf Courses	1,236.93
Industrial Use	864.53
multi-use	668.62
Nurseries	334.79
nursery	25.87
Parks	29.62
Schools	101.77
Street Medians	186.29
Total	4,163.60

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Central Basin MWD

Recycled Water - Acre Feet Produced

Fiscal Year 2010 - 2011

Sites	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Bellflower Municipal Water Systems													
Bellflower Medians	.29	.29	.26	.28	.33	.14		.19		.24			2.02
Foster / Coldbrook Median	.03	.04		.06	.03	.03	.04	.02	.02	.03			.30
Zinn Park	.65	.77	.55	.43	.25			.07					2.72
Total	.97	1.10	.81	.77	.61	.17	.04	.28	.02	.27			5.04
Bellflower-Somerset Mutual Water Co													
Alondra Median @ San Gabriel River		.03	.03	.05	.06	.03							.20
Bellflower High School	8.79	11.38	10.62	5.97	4.20	2.72	1.06	2.51	2.09	3.60			52.94
City of Bellflower	.13	.18	.21	.17	.13	.06	.01	.01	.05	.06			1.01
Clark Center Ent													
Ernie Pyle High School	1.85	2.21	1.80	1.49	.51	.62	.28	.44	.53	.99			10.72
Simms Park	2.05	2.08	1.80	1.22	1.07	.03	.51	.64	.43	1.47			11.30
Woodruff & Maple	.01	.01	.01	.01	.01								.05
Total	12.83	15.89	14.47	8.91	5.98	3.46	1.86	3.60	3.10	6.12			76.22
City of Cudahy													
Lugo Park	.93	.98	.73	.23	.31			.08	.32	.27			3.85
Total	.93	.98	.73	.23	.31			.08	.32	.27			3.85
City of Downey													
8740 Firestone S/W Corner of F.S & Nash	.03	.04	.03	.04	.04	.03		.04	.04	.05			.34
8764 Firestone S/S Firestone. W/O Drive	.03	.04	.03	.08	.07	.06	.02	.09	.06	.09			.57
9020 Firestone. Lakewood side	.28	.37	.28	.36	.29	.24	.13	.91	.07	.17			3.10
Caltrans (I-105/Bellflower)	1.87	2.38	1.53	1.25	1.26	1.17	.68	.25					10.39
Caltrans (I-105/Lakewood)	.32	1.69	.43	.36	.25	.14	.06	.06	.08	.08			3.47
Carpenter Elementary School	.55	.98	1.25	1.38	.85					.46			5.47
Columbus School (baseball field)	2.79	3.24	2.32	2.24	.82	.26		.38	.24	1.02			13.31
Cornerstone Commerce Center #49	.83	.50	.53	.60	.56	.15	.18	.77	.59	.65			5.36
County #23	.01	.37	.05	.04	.03					.06			.56
Crawford Park	.98	1.39	1.05	.91	.45	.08		.30	.20				5.36
Downey Cemetery	2.78	5.66	3.94	5.41	2.46	.39	.67	1.47	1.61	1.95			26.34
Downey Studios	.58	1.04	.63	.37	.01	.03	.06	.32	.07	.21			3.32
E/O Lakerwood @ 9002 Imperial	.06	.04			.01				.02	.03			.16
E/S Lakewood @ Alameda													
E/S Lakewood @ S/O Rose	.37	.58	.52	.63	.29	.38	.48	.50	.34	.42			4.51
E/S Lakewood across #122098/15	.11	.59	.35	.14	.06	.06	.02	.03	.03	.03			1.42
E/S Lakewood Between 3rd & 5th	.05	.08	.05										.18
E/S Lakewood btwn 2/s entrance	.34	.65	.07	.40	.22	.24	.06	.28	.21	.29			2.76
E/S Lakewood N/O Alameda / Median	.53	.55	.32	.22	.13	.16	.12	.21	.14	.27			2.65
E/S Lakewood N/O Rose / Median / Tragle Park	.11	.13	.10	.09	.06	.06	.03	.07	.06	.08			.79
E/S of Lakewood next to cemetary	.03	.22	.18	.17	.05	.11	.01	1.77	.05	.07			2.66
East Middle School	.32	.78	2.04	2.85	2.70	.76		.01	.67	1.41			11.54
Foster Rd. @ Premier Ave	.05	.08	.08	.07	.06	.10	.05	.08	.07	.01			.65
Gauldin Elementary School	.21	.61	3.57	(1.34)	.87								3.92
Humedo Nursery	.69	1.04	.67	.60	.33	.10	.15	.27	.25	.69			4.79
Independence Park	2.09	2.45	.93	1.19	.85	.33	.23	.64	.52	.87			10.10
Kaiser Admin Bldg	.26	.64	.84	.77	.31	.41	.24	.29		.43			4.19

Monday, June 06, 2011 *Page 1 of 7*

Sites	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Grand Total	535.39	587.58	564.65	354.40	292.90	168.39	143.43	187.85	328.07	109.38			3,272.04

RW Delivered by FY

FY 1991 - 1992	24.85
FY 1992 - 1993	317.73
FY 1993 - 1994	1,420.10
FY 1994 - 1995	2,309.01
FY 1995 - 1996	2,902.16
FY 1996 - 1997	3,481.16
FY 1997 - 1998	2,945.36
FY 1998 - 1999	3,093.09
FY 1999 - 2000	3,682.98
FY 2000 - 2001	3,407.98
FY 2001 - 2002	3,746.81
FY 2002 - 2003	3,606.28
FY 2003 - 2004	3,821.55
FY 2004 - 2005	3,188.98
FY 2005 - 2006	3,936.22
FY 2006 - 2007	5,311.15
FY 2007 - 2008	5,072.92
FY 2008 - 2009	4,716.49
FY 2009 - 2010	4,317.18
FY 2010 - 2011	3,272.04
Total	64,574.04

Sites added by Fiscal Year

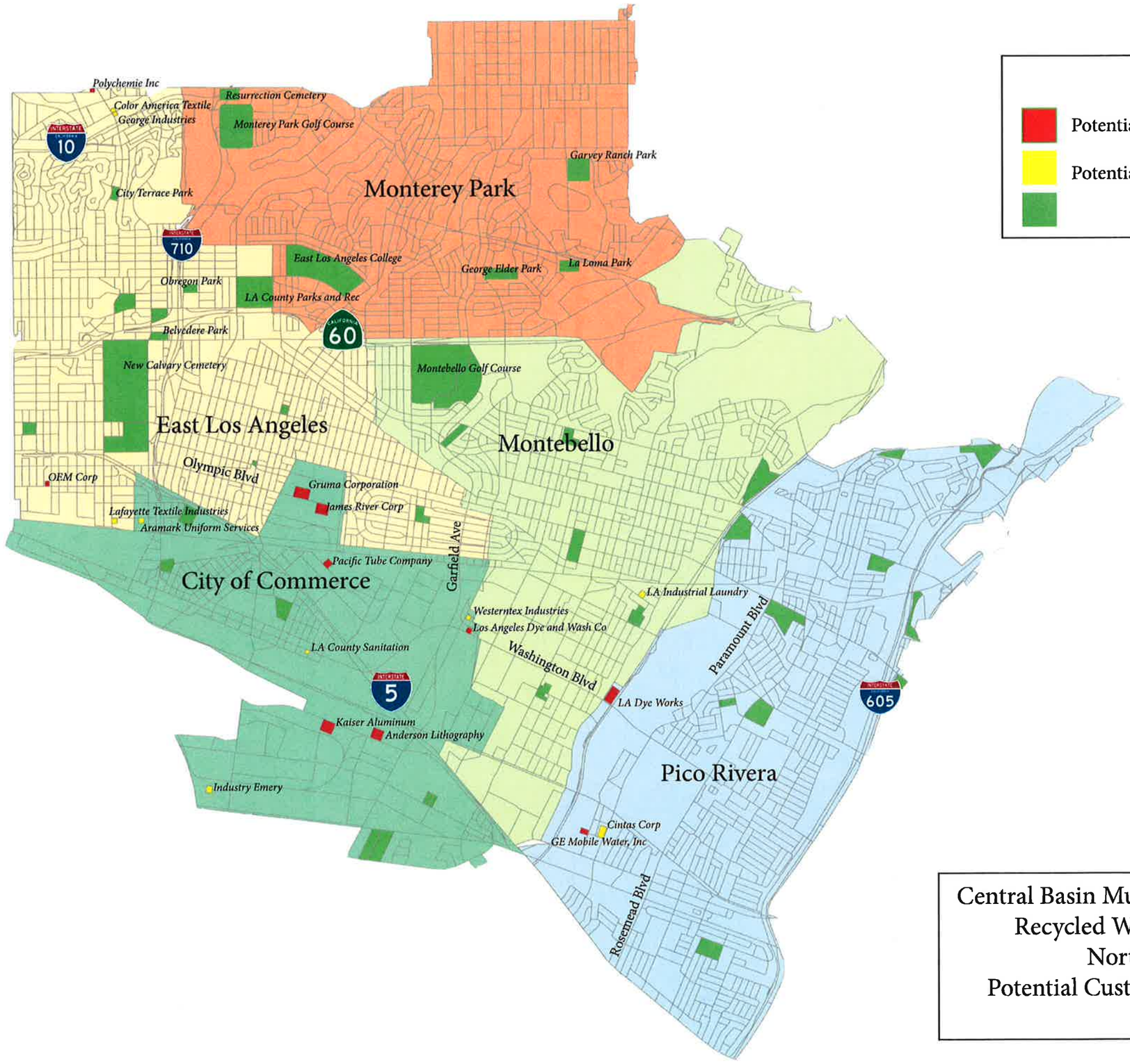
FY 1991 - 1992	10
FY 1992 - 1993	25
FY 1993 - 1994	37
FY 1994 - 1995	18
FY 1995 - 1996	30
FY 1996 - 1997	16
FY 1997 - 1998	5
FY 1998 - 1999	10
FY 1999 - 2000	8
FY 2000 - 2001	8
FY 2001 - 2002	6
FY 2002 - 2003	11
FY 2003 - 2004	4
FY 2004 - 2005	3
FY 2005 - 2006	35
FY 2006 - 2007	4
FY 2007 - 2008	9
FY 2008 - 2009	14
FY 2009 - 2010	12
FY 2010 - 2011	6
Total	271

Sales by Category - AF

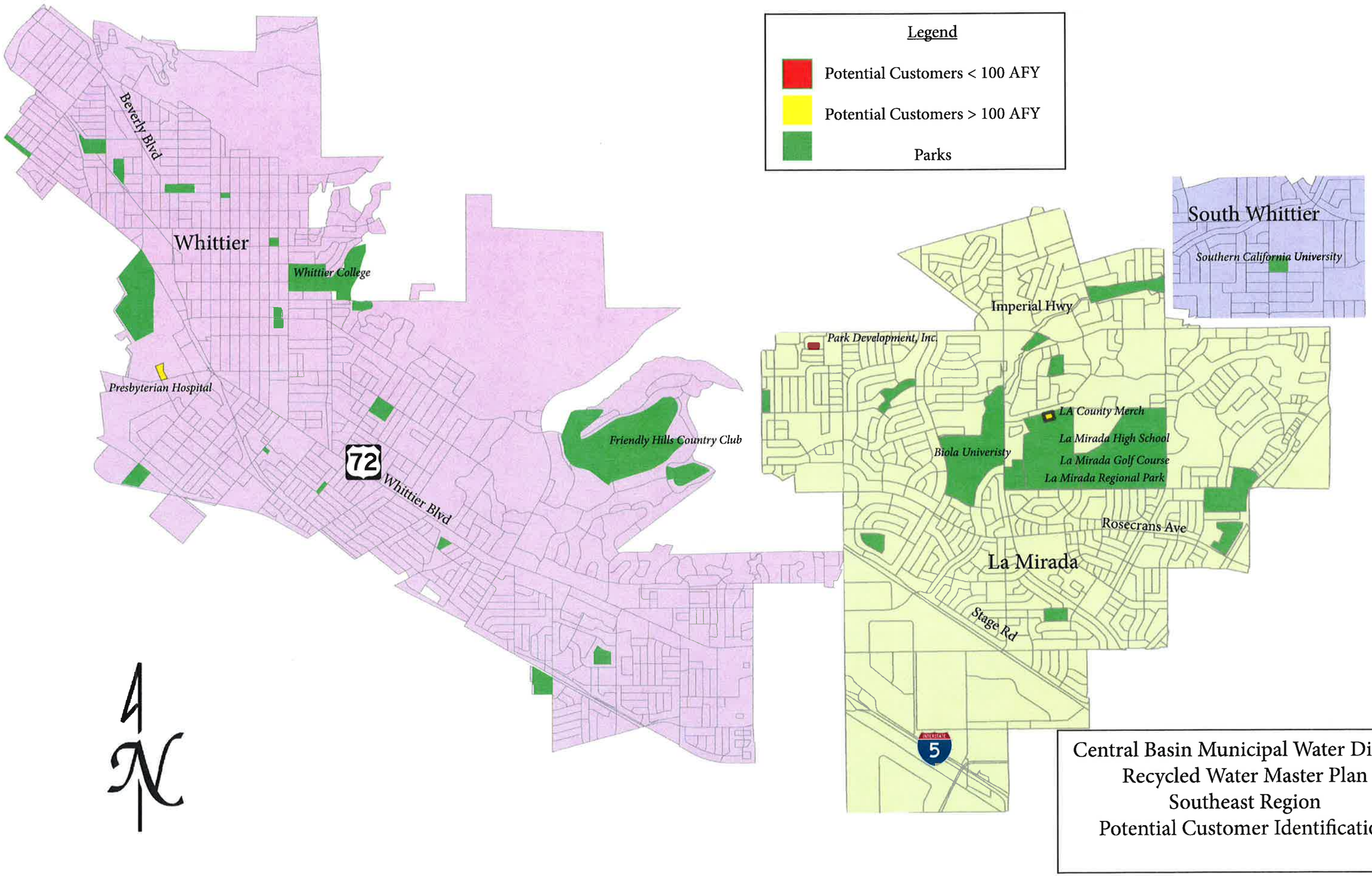
Cak Trans Freeway	
Cemeteries	75.99
City Landscapting	250.51
co-generation plant	209.64
concrete mixing	10.76
Golf Courses	937.31
Industrial Use	611.48
multi-use	631.85
Nurseries	246.39
nursery	20.85
Parks	26.34
Schools	96.20
Street Medians	154.72
Total	3,272.04

Monday, June 06, 2011 *Page 7 of 7*

Appendix 2. Preliminary Potential RW Customers Maps



Central Basin Municipal Water District
Recycled Water Master Plan
North Region
Potential Customer Identification



Central Basin Municipal Water District
Recycled Water Master Plan
Southeast Region
Potential Customer Identification

DWP (3,000 AFY)

Legend

Potential Customers < 100 AFY

Potential Customers > 100 AFY

Parks

Vernon

Alameda St

Soto St

Downey Rd

Bandini Blvd

Atlantic Blvd

710

7-Up Bottling Company

Square-H Brands Inc

Cargill-Continentl

Complete Garment, Inc

A's Match Dyeing Co

Clougherty Packing Co

Overhill Farms,

United Food Group

Kal Kan Foods Inc

Camino Real Foods

Red Chamber Co

Royal Printex Inc

Pabco Paper Products

Union Ice Company

Packaging Adv Corp

Versacold

Denim Tech

Unipolo Fabric

Moonstar MFG

Owens Illinois

JDS Finishing

JDS Finishing

FJ Food Service Inc

RBR Meat Co

Bicent

Conceptual Textile Printing

Wimatex, Inc

Ameripride

Exide Technologies

Exide Technologies

US Namsung Textile, Inc

On Target Laundry

The Clorox Co

Matheson Tri-Gas

Packers Investments

N

Central Basin Municipal Water District
Recycled Water Master Plan
West Region
Potential Customer Identification

Appendix 3. Benchmark Spreadsheet Tool (sample)

BENCHMARK TOOL

Financial Feasibility Test for RW Service Connections to Distribution Pipeline
(using financial payback term)

Southeast	= Project No.	DIP	= Pipe Material
1	= Trial No.		= Trial Pipe Location
	= Nearest Pipe Location	Trial	= Trial Pipe Status (Existing, Planned, or Trial)
Existing	= Nearest Pipe Status (Existing, Planned, or Trial)	8	= Trial Pipe Diameter (in)
	= Nearest Pipe Diameter (in)		

Order of Node to Nearest Pipe	Trial Node No.	Demand Avg. Ann. AF/yr	Demand Pk. Hr. gpm	Distance to Nearest Pipe ft	Off-site Cap. Cost $ [a]	Service Conn. Cap. Cost $ [b]	On-site Cap. Cost $ [c]	Total Cap. Cost $	Payback Rate $/yr [d]	Payback Term yr [e]
Farthest		28.9	92.1	14,888	2,426,790			2,426,790	13,026	186
^		134.6	428.2	10,202	1,662,958			1,662,958	60,581	27
^		34.4	109.3	4,473	729,113			729,113	15,468	47
^		27.1	86.0	3,835	625,117			625,117	12,173	51
^		2.7	8.5	3,644	593,983			593,983	1,201	494
^		7.2	22.9	1,314	214,186			214,186	3,240	66
^		6.6	20.9	662	107,908			107,908	2,951	37
^		0.0			0			0	0	#DIV/0!
^		0.0			0			0	0	#DIV/0!
Closest		0.0			0			0	0	#DIV/0!
Cluster Values:		**241.4**	**767.9**	**14,888**	**2,426,790**	**0.0**	**0.0**	**2,426,790**	**108,642**	**22**
	Maximum Flow @ 5 fps =		**783.4**					**Financial Benchmark =**		**10**

a) All pipeline and appurtenances in street.
b) Includes service meter.
c) All facilities downstream of service meter.
d) Based on product of average-annual demand and net purchase/sale savings.
e) Based on division of total capital cost and payback rate.

450 = net purchase/sale savings

1.71 x 3.00 = 5.13 = (pk. mo.) x (pk. hr.) factor (no units)

163.0 = unit capital cost for installed trial-diameter pipe ($/ft)

0.0548 = capital recovery factor for 50 yr @ 5% (1/yr) - used for off-site & service connection costs

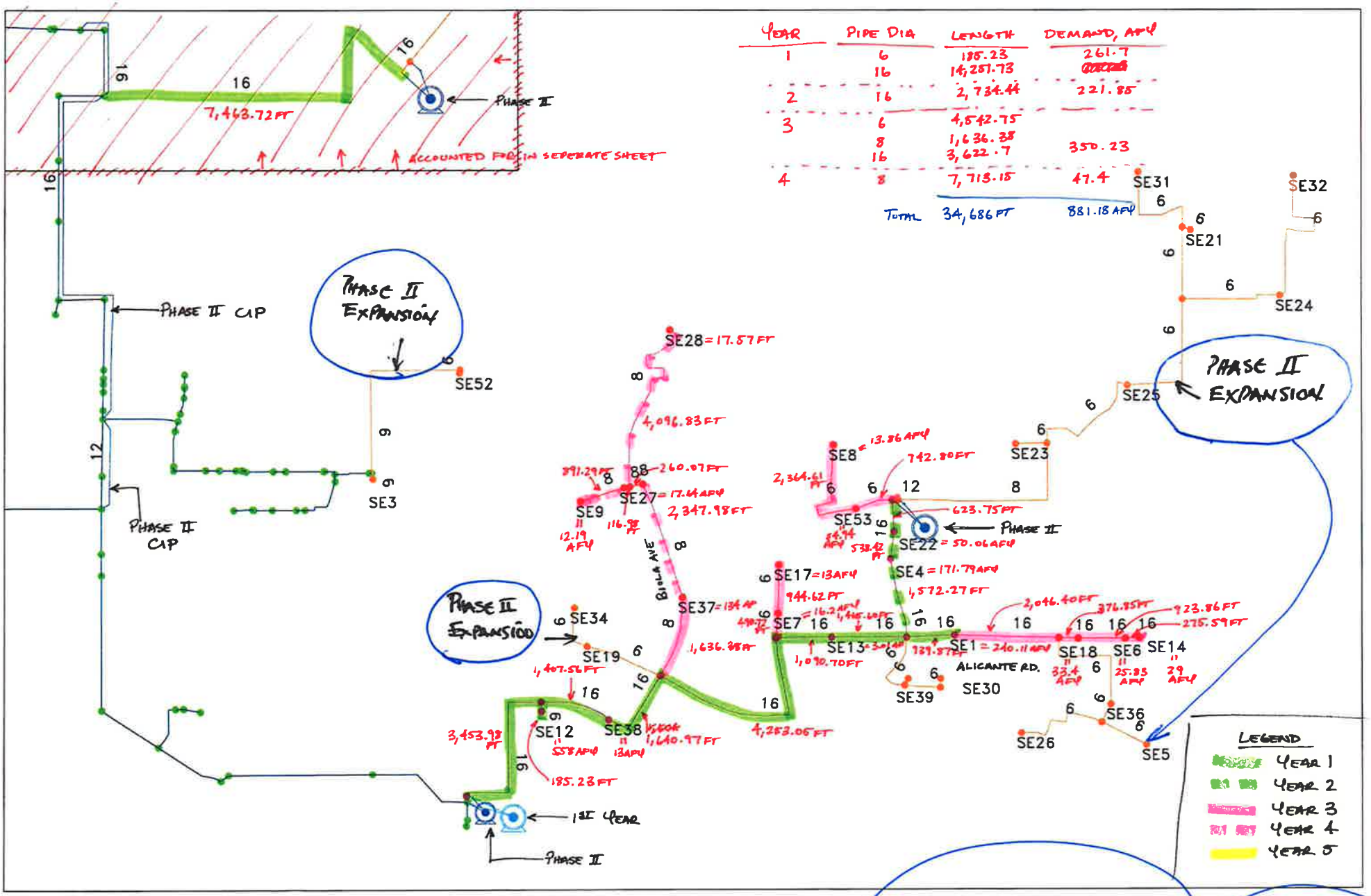
0.0963 = capital recovery factor for 15 yr @ 5% (1/yr) - used for on-site costs

Appendix 4. Proposed Pipelines RW Customers and Demands per Region

Proposed RW Customers

Pipe Reach used with Benchmark Tool	Pipe ID used with Hydraulic Model	Customers Connected	Demand (AFY)	Model Peak Demand (gpm)	Phase
TM2	FUTURE_SE_1				1
	FUTURE_SE_2	SE12	5.58	17.84	1
	FUTURE_SE_3	SE38	13	41.59	1
	FUTURE_SE_36				1
	FUTURE_SE_4				1
	FUTURE_SE_13	SE13	3.01	9.62	1
	FUTURE_SE_5				1
	FUTURE_SE_7	SE4	171.79	549.58	1
	FUTURE_SE_8	SE22	50.06	160.15	1
	FUTURE_SE_9				1
TM1	FUTURE_SE_6	SE1	240.11	512	1
	FUTURE_SE_10				1
	FUTURE_SE_21	SE18	33.4	106.86	1
	FUTURE_SE_11	SE6	25.83	82.64	1
	FUTURE_SE_12	SE14	29	92.78	1
SE10	FUTURE_SE_37	SE37	134	428.69	1
	FUTURE_SE_38				1
	FUTURE_SE_41				1
	FUTURE_SE_40	SE27	17.64	56.42	1
	FUTURE_SE_39	SE9	12.19	38.99	1
	FUTURE_SE_42	SE28	17.57	56.22	1
SE2	FUTURE_SE_14	SE7	16.2	51.83	1
	FUTURE_SE_15	SE17	13	41.59	1
SE8	FUTURE_SE_34	SE53	84.94	271.74	1
	FUTURE_SE_35	SE8	13.86	44.34	1
SE4	FUTURE_SE_17				2
	FUTURE_SE_20	SE39	11	35.19	2
	FUTURE_SE_18				2
	FUTURE_SE_19	SE30	16.48	52.73	2
SE5	FUTURE_SE_22	SE36	7.48	23.92	2
	FUTURE_SE_24				2
	FUTURE_SE_23	SE5	28.33	90.63	2
SE6	FUTURE_SE_25	SE26	18.11	57.94	2
SE3	FUTURE_SE_16-2				2
	FUTURE_SE_16				2
	FUTURE_SE_26	SE23	34.35	109.89	2
SE7	FUTURE_SE_27	SE25	24.3	77.75	2
	FUTURE_SE_28				2
	FUTURE_SE_31				2
	FUTURE_SE_29	SE21	53.05	169.71	2
	FUTURE_SE_30	SE31	14.62	46.78	2
SE9	FUTURE_SE_32	SE24	25.43	81.34	2
	FUTURE_SE_33	SE32	13.53	43.27	2
SE11	FUTURE_SE_43	SE19	13.22	42.29	2
	FUTURE_SE_44	SE34	11.48	36.72	2
SE12	FUTURE_SE_45	SE3	10	31.99	2
	FUTURE_SE_46				2
	FUTURE_SE_47	SE52	46	147.16	2
W3	FUTURE_W_3				1
	FUTURE_W_7	W11	990.6	153.61	1
	FUTURE_W_16				1
	FUTURE_W_4	W20	145.3	29.65	1
	FUTURE_W_5	W13	499	388.98	1
	FUTURE_W_6	W30	88	155.5	1
W2	FUTURE_W_8	W28	101.7	20.86	2
	FUTURE_W_9	W24	112.4	22.9	2
	FUTURE_W_10				2
	FUTURE_W_12	W38	47.5	8.49	2
	FUTURE_W_11	W31	85.3	86.04	2
	FUTURE_W_13	W26	107.5	109.33	2
	FUTURE_W_14	W14	422.7	428.19	2
	FUTURE_W_15	W8	150	92.07	2
W4	FUTURE_W_17	W18	170.5	34.97	2
	FUTURE_W_18	W25	110.5	22.7	2
	FUTURE_W_19				2
	FUTURE_W_20	W22	121.8	89.1	2
	FUTURE_W_21				2
	FUTURE_W_22	W29	91.6	93.13	2
	FUTURE_W_23	W35	56.5	11.66	2
W1	FUTURE_W_1	W17	254.1	175.04	2
	FUTURE_W_2	W36	54	87.42	2
SE15	FUTURE_SE_53	SE44	17.53	56.08	1
SE16	FUTURE_SE_54	SE50	33.57	107.4	1
	FUTURE_SE_55	SE42	118.29	378.43	1
TM3	FUTURE_SE_49	10107		477	FUTURE_NT
SE13	FUTURE_SE_49				2
	FUTURE_SE_50	SE41	72.58	232.2	2
	FUTURE_SE_51	SE2	248.54	795.13	2
	FUTURE_N_1	K3	172	550	1
	Total	56	5480.07	8216.07	

Appendix 5. Working Map of CIP Facilities

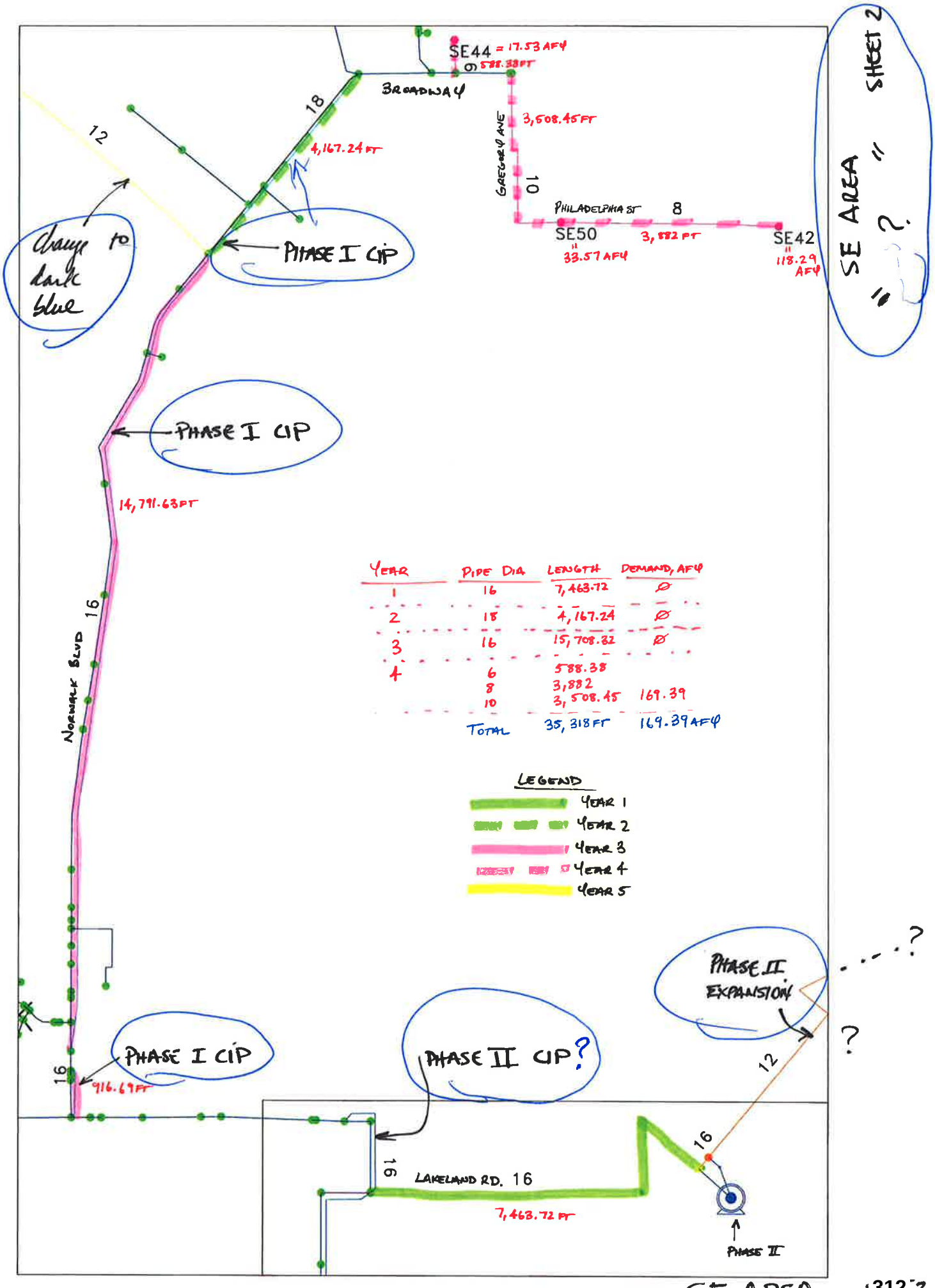


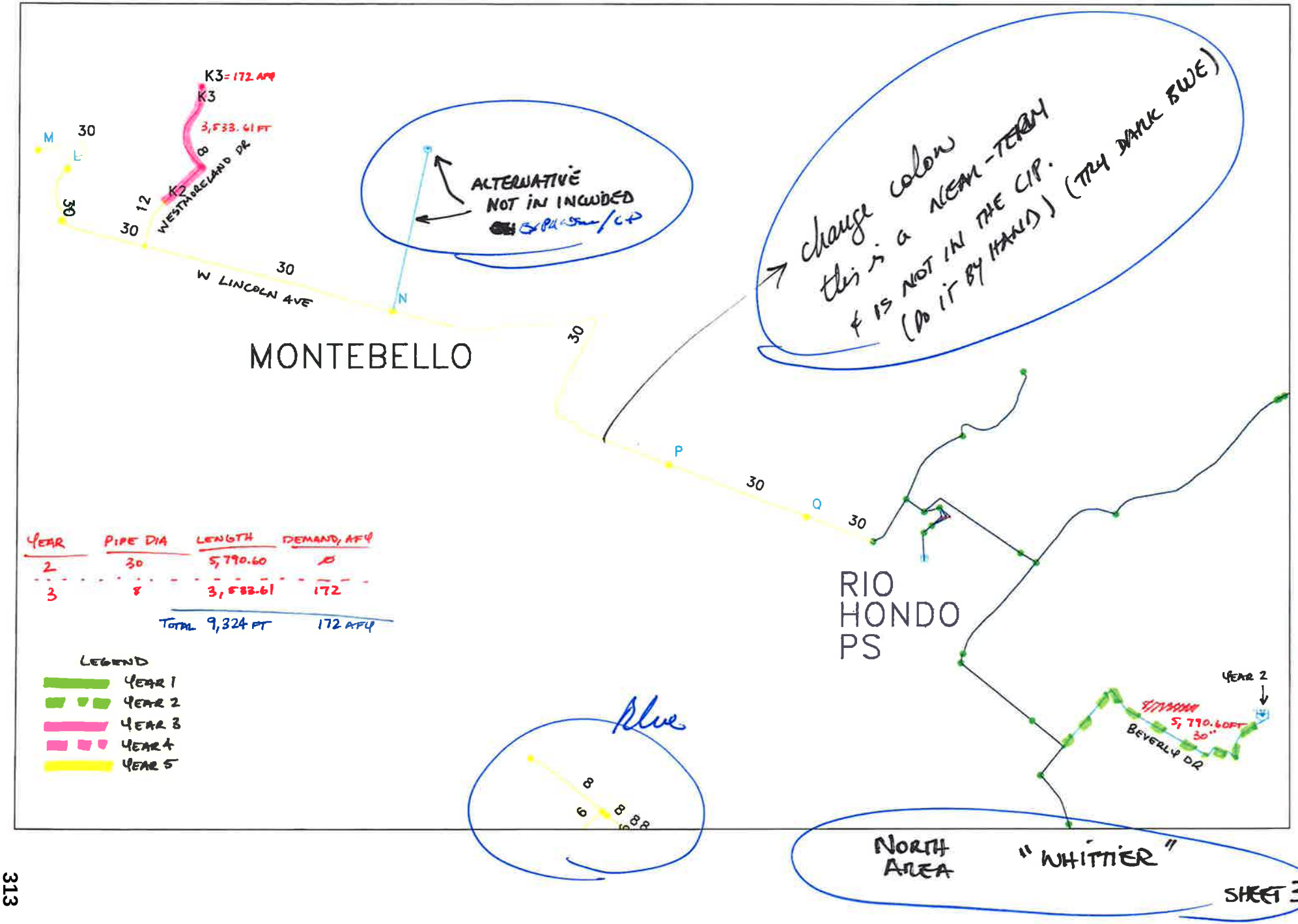
YEAR	PIPE DIA	LENGTH	DEMAND, AFY
1	6	185.23	261.7
	16	14,251.73	
2	16	2,734.44	221.85
3	6	4,542.75	
	8	1,636.38	
	16	3,622.7	350.23
4	8	7,715.15	47.4
TOTAL		34,686 FT	881.18 AFY

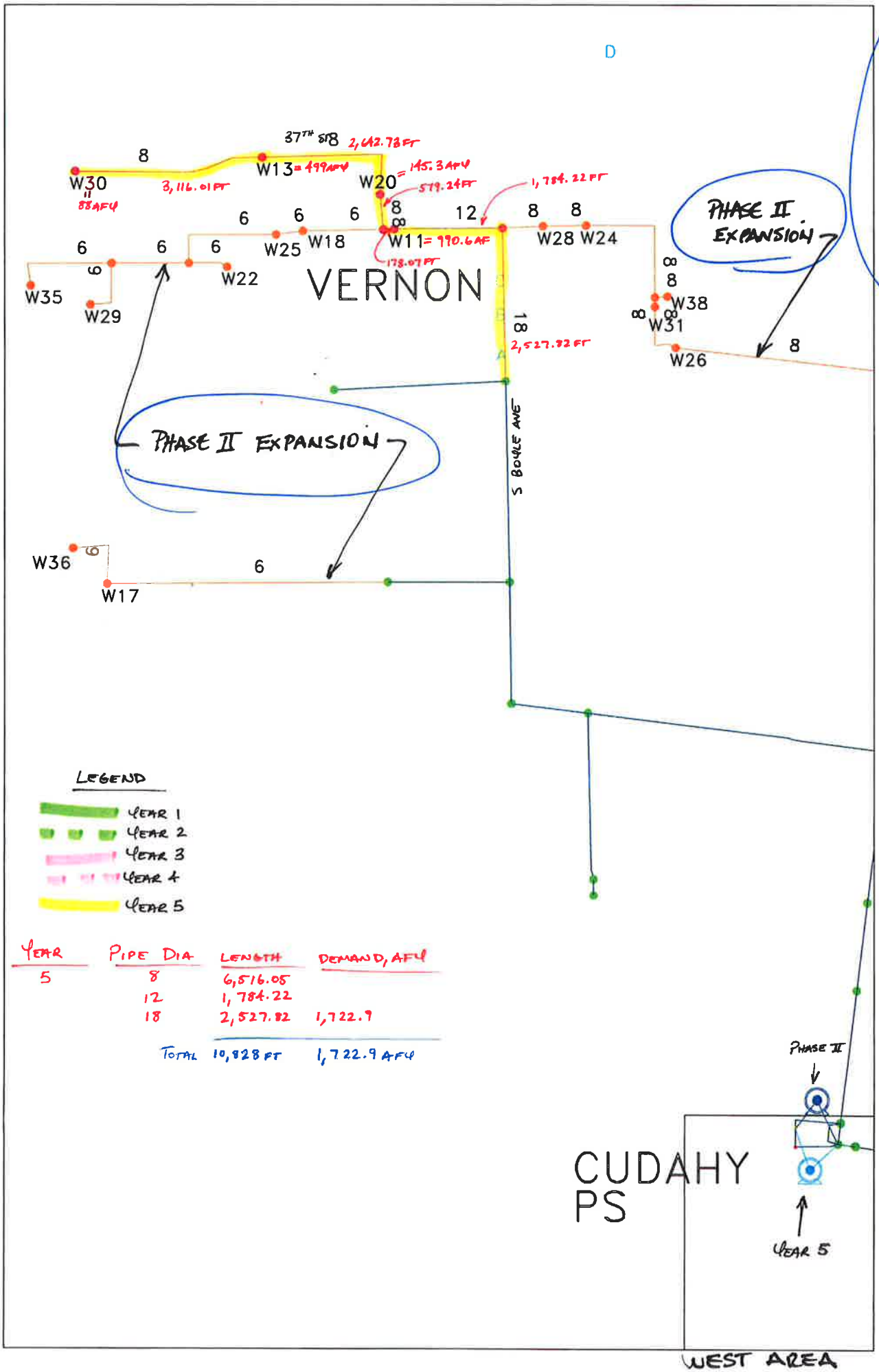
LEGEND
- YEAR 1
- YEAR 2
- YEAR 3
- YEAR 4
- YEAR 5

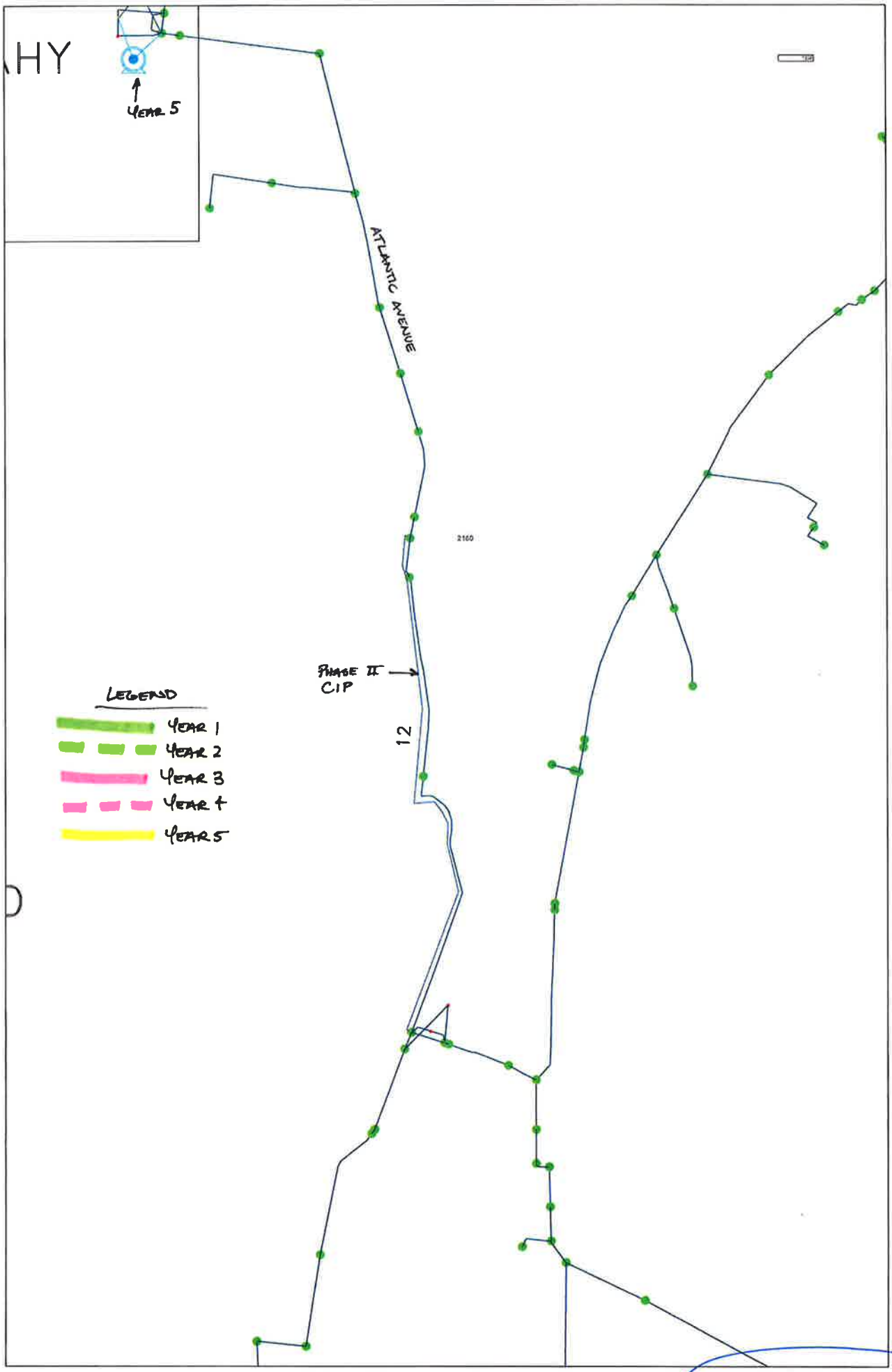
SE AREA "LA MIRADA"

SHEET 1


SE44 = 17.53 AFY
588.38 FT
BROADWAY
18
4,167.24 FT
12
3,508.45 FT
GREGORY AVE
10
PHILADELPHIA ST
8
SE50
"
33.57 AFY
3,882 FT
SE42
"
118.29 AFY
SHEET 2
SE AREA
"
?
"
draw to dark blue
PHASE I CIP
PHASE I CIP
14,791.63 FT
NORWALK BLVD
16
YEAR | PIPE DIA | LENGTH | DEMAND, AFY
1 | 16 | 7,463.72 | Ø
2 | 18 | 4,167.24 | Ø
3 | 16 | 15,708.32 | Ø
4 | 6 | 588.38 |
8 | 3,882 |
10 | 3,508.45 | 169.39
TOTAL | 35,318 FT | 169.39 AFY
LEGEND
YEAR 1
YEAR 2
YEAR 3
YEAR 4
YEAR 5
PHASE II EXPANSION
. . . . ?
?
PHASE I CIP
916.69 FT
PHASE II CIP?
16
12
16
16
LAKELAND RD. 16
7,463.72 FT
PHASE II
" SE AREA "
?
:312 2


K3= 172 AFY
K3
3,533.61 FT
WESTMORELAND DR
M
L
K2
30
12
30
30
30
W LINCOLN AVE
N
MONTEBELLO
ALTERNATIVE NOT IN INCLUDED
change color this is a NEAR-TERM ₵ IS NOT IN THE CIP. (DO IT BY HAND) (TRY DARK BLUE)
P
30
Q
30
RIO HONDO PS
YEAR 2
5,790.60FT
30"
BEVERLY DR
YEAR | PIPE DIA | LENGTH | DEMAND, AFY
2 | 30 | 5,790.60 | ∅
3 | 8 | 3,533.61 | 172
TOTAL 9,324 FT 172 AFY
LEGEND
YEAR 1
YEAR 2
YEAR 3
YEAR 4
YEAR 5
Blue
8
6
8
8
8
NORTH AREA "WHITTIER"
SHEET 3


WEST AREA " VERNON " SHEET 4
D
37TH ST 2,642.78 FT
8
W30
3,116.01 FT
88 AFY
W13 = 499 AFY
W20
145.3 AFY
579.24 FT
1,784.22 FT
6 6 6
8
12
8 8
W25 W18
W11 = 990.6 AF
178.07 FT
W28 W24
PHASE II EXPANSION
6 6 6
W35
W29
W22
VERNON
18
2,527.82 FT
8
8
W38
W31
W26
8
S BOGLE AVE
PHASE II EXPANSION
W36
6
W17
LEGEND
YEAR 1
YEAR 2
YEAR 3
YEAR 4
YEAR 5
YEAR | PIPE DIA | LENGTH | DEMAND, AFY
5 | 8 | 6,516.05 |
12 | 1,784.22 |
18 | 2,527.82 | 1,722.9
TOTAL 10,828 FT 1,722.9 AFY
PHASE II
CUDAHY PS
YEAR 5



SHEET 5

"ZONE 2 "CUDAHAY" (SP.?)

CBMWD Proposed Pipes

Pipe Diameter (in)	Total Length (ft)					
	Phase 1					Phase 2
	2012/13	2013/14	2014/15	2015/16	2016/17	2017 - 2022
6	185	0	4,543	588	0	43,602
8	0	0	5,170	11,595	6,516	19,270
10	0	0	0	3,508	0	0
12	0	0	0	0	1,784	45,377
16	21,715	2,734	19,331	0	0	10,608
18	0	4,167	0	0	2,528	0
30	0	5,791	0	0	0	0
Totals	***21,901***	***12,692***	***29,044***	***15,692***	***10,828***	***118,856***

Pipe Diameter (in)	Escalated Capital Costs					
	Phase 1					Phase 2
	2012/13	2013/14	2014/15	2015/16	2016/17	2017 - 2022
6	$20,126	$0	$523,637	$69,856	$0	$6,181,219
8	$0	$0	$680,302	$1,571,541	$909,643	$3,118,492
10	$0	$0	$0	$542,832	$0	$0
12	$0	$0	$0	$0	$324,591	$9,570,046
16	$5,161,035	$669,381	$4,874,131	$0	$0	$3,289,414
18	$0	$1,263,606	$0	$0	$837,570	$0
30	$0	$3,372,828	$0	$0	$0	$0
Totals	***$5,181,161***	***$5,305,816***	***$6,078,071***	***$2,184,230***	***$2,071,804***	***$22,159,171***

Pipe ID's								
Phase 1					Phase 2			
2012/13	2013/14	2014/15	2015/16	2016/17	2017 - 2022			
FUTURE_SE_1-2	FUTURE_SE_7	FUTURE_SE_37	FUTURE_SE_38	FUTURE_W_3	FUTURE_W_1	FUTURE_W_12	FUTURE_SE_44	FUTURE_SE_27
FUTURE_SE_1	FUTURE_SE_8	FUTURE_SE_14	FUTURE_SE_41	FUTURE_W_7	FUTURE_W_2	FUTURE_W_11	FUTURE_SE_17	FUTURE_SE_28
FUTURE_SE_2	FUTURE_SE_9	FUTURE_SE_15	FUTURE_SE_40	FUTURE_W_16	FUTURE_W_23	FUTURE_W_13	FUTURE_SE_20	FUTURE_SE_31
FUTURE_SE_3	CIP_P7	FUTURE_SE_34	FUTURE_SE_39	FUTURE_W_4	FUTURE_W_22	FUTURE_W_14	FUTURE_SE_18	FUTURE_SE_29
FUTURE_SE_36	CIP_P2	FUTURE_SE_35	FUTURE_SE_42	FUTURE_W_5	FUTURE_W_21	FUTURE_W_15	FUTURE_SE_19	FUTURE_SE_30
FUTURE_SE_4		FUTURE_SE_10	FUTURE_SE_53	FUTURE_W_6	FUTURE_W_20	FUTURE_SE_50-2	FUTURE_SE_22	FUTURE_SE_32
FUTURE_SE_13		FUTURE_SE_21	FUTURE_SE_54		FUTURE_W_19	FUTURE_SE_50	FUTURE_SE_24	FUTURE_SE_33
FUTURE_SE_5		FUTURE_SE_11	FUTURE_SE_55		FUTURE_W_18	FUTURE_SE_51	FUTURE_SE_23	CIP_P1
FUTURE_SE_6		FUTURE_SE_12			FUTURE_W_17	FUTURE_SE_45	FUTURE_SE_25	CIP_P4
FUTURE_SE_49		FUTURE_N_1			FUTURE_W_8	FUTURE_SE_46	FUTURE_SE_16-2	CIP_P4A
		CIP_P2A			FUTURE_W_9	FUTURE_SE_47	FUTURE_SE_16	CIP_P5
		CIP_P3			FUTURE_W_10	FUTURE_SE_43	FUTURE_SE_26	

Appendix 6. Miscellaneous Customer's Contact Documentation

June 17, 2011

Name
Attention
Address
City, State

Subject: Recycled Water New Customer Survey

Central Basin Municipal Water District (Central Basin) has identified you as a potential recycled water user who would benefit from our recycled water program. The benefits of converting to recycled water could save you up to 40% on your water charges. Recycled water is a more reliable local water supply that helps the environment by reducing the energy required for importing water to the basin.

Examples of recycled water use include:

- Landscape irrigation (e.g., public parks, cemeteries, golf courses);
- Industrial processes (e.g., paper manufacturing, carpet and textile dyeing, boiler feed);
- Commercial uses (e.g., cooling towers, toilet flushing, laundries, car washes);
- Construction activities (e.g., dust control, soil compaction, pipeline backfill consolidation, concrete mixing);
- Environmental uses (e.g., man-made lakes, wetlands).

Please complete the enclosed form and return it to Central Basin no later than July 1, 2011, in the enclosed stamped self-addressed envelope.

If you have any questions regarding the program please contact our consultants from Pacifica Services, Inc., Michelle Marquez-Riley or Gwenn Godek at 626.405.0131. We thank you in advance for your cooperation and efforts to conserve our water resources.

Sincerely,

Art Aguilar
General Manager

Enclosures

cc Ana Ananda, Central Basin

2011 Recycled Water Master Plan
Customer Questionnaire Tabulation

USERNAME	ADDRESS	CITY	STATE	ZIP	ATTENTION	PHONE	Ques. Ret.
Marietta Corp/Packaging Adv Corp	4633 Downey Rd.	Vernon	CA	90058	Bobby Canales	323.319.9906	
7-up Bottling Company	3220 E. 26th Street	Vernon	CA	90058	Maintenance Manager	323.268.7779	
Alhambra Unified School District	1515 W. Mission Road	Alhambra	CA	91803	Keith Matsuo, Director of Construction	626.943.3000	
Ameripride Uniform Services	5950 Alcoa Avenue	Vernon	CA	90058	Dave Hardy	(323) 587-3941	
Anderson Lithograph	3217 Garfield Ave.	Commerce	CA	90040	Operations & Maintenance Manager	323.727.7767	
Aramark Uniform Services	4422 Dunham St.	Los Angeles	CA	90023	Operations & Maintenance Manager	323.266.0555	
A's Match Dyeing Co. Inc.	2522 E 37th Street	Vernon	CA	90058	Operations & Maintenance Manager	323.277.0470	
ASA Foods	3425 E Vernon Avenue	Vernon	CA	90058	Operations & Maintenance Manager	(323) 588-5286	
Biola University	13800 Biola Avenue	La Mirada	CA	90639	Facilities & Maintenance Manager	562.903.6000	
California Dairies Inc.	11709 Artesia Blvd.	Artesia	CA	90701	Operations & Maintenance Manager	559.625.2200	
Caltrans, District 7	100 S. Main Street	Los Angeles	CA	90012	Michael Miles, District Director	213.897.3656	Received
Calvary Cemetery & Mausoleum	4201 Whittier Blvd.	Los Angeles	CA	90023	Facilities & Maintenance Manager	323.261.3106	
Camino Real Foods	2638 Vernon	Vernon	CA	90058	Operations & Maintenance Manager	(323) 585-6599	
Cargill Dressings Sauces & Oil	2750 Jewel Avenue	Vernon	CA	90058	Claudia Gonzalez	(323) 588-2274	
Cintas Corp	7735 Paramount Blvd.	Pico Rivera	CA	90660	Operations & Maintenance Manager	562.368.3200	
City of Commerce Parks & Recreation	2535 Commerce Way	Commerce	CA	90040	Jim Jimenez	323.887.4464	
City of La Mirada Parks & Rec.	13700 La Mirada Blvd.	La Mirada	CA	90638	Manager	562.943.2534	
City of Montebello	1700 W. Victoria Ave.	Montebello	CA	90640	Operations & Maintenance Manager	323.887.4540	
City of Pico Rivera Parks & Rec	6767 Passons Blvd.	Pico Rivera	CA	90660	Operations & Maintenance Manager	562.806.0660	
Clougherty Packing Co., LLC	3049 E. Vernon Avenue	Vernon	CA	90058	Operations & Maintenance Manager	323.583.4621	Received
Color America Textile	4131 Whiteside St.	Los Angeles	CA	90063	Operations & Maintenance Manager	800.423.0317	
Complete Garment, Inc.	2101 E 38th Street	Vernon	CA	90058	Joe Torres	(323) 846-3731	
Conceptual Textile Printing	5700 1st Street	Vernon	CA	90058	Operations & Maintenance Manager	TEL. 310-346-3788	
Denim House Group	2713 S Bonnie Beach Place	Vernon	CA	90058	Operations Manager	323.796.0900	
Denim-Tech LLC	2300 E. 52nd Street	Vernon	CA	90058	Jose Guadalupe	323.277.8998-401	
Dyesoft, Inc.	5801 S. 2nd Street	Vernon	CA	90058	Maintenance Manager	(323) 627.5107	Received
East Los Angeles College	1301 Avenida Cesar Chavez	Monterey Park	CA	91754	Operations & Maintenance Manager	213.891.2119	
El Rancho Unified School District	9333 Loch Lomond Drive	Pico Rivera	CA	90660	Carlos Jimenez, Director	866.801.5274	
Exide Technologies	2714 S Indiana Street	Vernon	CA	90058	Cory Vodvarka, Plant Manager	323.262.1101 x275	
Fantasy Dyeing & Finishing Inc.	5383 Alcoa Avenue	Vernon	CA	90058	Operations & Maintenance Manager	323.983.9988	
FJ Food Service Inc.	3049 S. Soto	Vernon	CA	90058	Al Lieberum	(323) 583-4621	
Friendly Hills Country Club	8500 S Villaverde Dr	Whittier	CA	90602	General Manager	(562) 698 -0331	
GE Mobile Water, Inc.	7777 Industry Avenue	Pico Rivera	CA	90660	Operations & Maintenance Manager	562.942.2200	
George Industries	4116 Whiteside St.	Los Angeles	CA	90063	Operations & Maintenance Manager	323.264.6660	
Hayes Wheel Corp.	14500 Firestone Blvd.	La Mirada	CA	90638	Operations & Maintenance Manager		Not Delivered
Home of Peace Cemetery	4334 Whittier Blvd.	Los Angeles	CA	90023	Facilities & Maintenance Manager	323.261.6135	Received
Industry Emery	5568 61st St., Ate #7	Commerce	CA	90040	Operations & Maintenance Manager		Not Delivered
JDS Finishing, Inc (Cotton World)	5389 Alcoa Avenue	Vernon	CA	90058	Operations & Maintenance Manager	323.584.8500	
Kaiser Aluminum	6250 E Bandini Blvd.	Commerce	CA	90040-3168	Operations & Maintenance Manager	323.722.7151	
Keshbaff Knitting, Inc.	3014 E. 11th Street	Los Angeles	CA	90021	Operations & Maintenance Manager		Not Delivered
L.A. County Parks and Rec	4100 S. La Cienega Blvd.	Los Angeles	CA	90056	Operations & Maintenance Manager	323.298.3660	
L.A. County Sanitation(Commerce Refuse)	5926 Sheila St.	Commerce	CA	90040	Operations & Maintenance Manager	323.721.1278	Received
L.A. Dye Works	6849 E. Washington Blvd.	Los Angeles	CA	90040	Operations & Maintenance Manager	323.724.7878	
L.A. Unified School District	333 S. Beaudry Ave.	Los Angeles	CA	90017	Neil Gamble, Director	213.241.0352	
La Mirada Golf Course	15501 E Alicante Rd	La Mirada	CA	90637	General Manager	(562) 943-7123	

Marietta Corp/Packaging Adv Corp	4633 Downey Rd.	Vernon	CA	90058	Bobby Canales	323.319.9906	
La Mirada Heights Christian School	12200 Oxford Drive	La Mirada	CA	90638	Facilities & Maintenance Manager	562.902.1779	
La Mirada Public Works Department	15515 Phoebe Avenue	La Mirada	CA	90638	Marlin Munoz, Admin Analyst #2	562.902.2385	
Lafayette Textile Industries, LLC	4500 Dunham St.	Commerce	CA	90040	Operations & Maintenance Manager	323.264.2212	
Lafayette Textiles	4500 Dunham St.	Commerce	CA	90040	Operations & Maintenance Manager	323.264.2212	
Lake Park La Mirada	13990 E. Imperial Hwy.	La Mirada	CA	90638	Facilities & Maintenance Manager	562.921.5700	
Los Angeles Dye & Wash Co.	6849 E. Washington Blvd.	Commerce	CA	90040	Facilities & Maintenance Manager	323.724.7878	
Lowell Joint School District	11019 Valley Home Avenue	Whittier	CA	90603	Facilities & Maintenance Manager	562.943.0211	
Magic Laundry Services	412 W. Roosevelt Ave.	Montebello	CA	90640	Operations & Maintenance Manager	323.726.4061	Received
Malburg Generating Station	4963 Soto	Vernon	CA	90058	Operations & Maintenance Manager	(323) 476-3612 & 40	
Masterfoods USA	3250 East 44th Street	Vernon	CA	90058	Operations & Maintenance Manager	(323) 587-2727	Not Delivered
Matheson Tri-Gas	5555 District Blvd.	Vernon	CA	90058	Robin Reynolds	(323) 773-2777	Received
Mission Foods	5505 East Olympic Blvd.	Commerce	CA	90040	Facilities & Maintenance Manager	323.803.1400	
Montebello Unified School District	123 S. Montebello Blvd.	Montebello	CA	90640	Tony Gutierrez, Operations Manager	323.887.7900	
Monterey Park City Hall	320 West Newmark Avenue	Monterey Park	CA	91754	Operations & Maintenance Manager	626.307.1358	
Moonstar MFG.	5075 Pacific Blvd.	Vernon	CA	90058	Michael Solano	(323) 581-1656	
Mt. Carmel Cemetery c/o Chevra Kadisha Mc	7832 Santa Monica Blvd.	Los Angeles	CA	90046	Attention Josepah	323.653.8886	Called Resent 07
Norwalk-LaMirada Unified School District	12820 Pioneer Blvd.	Norwalk	CA	90650	Rick Galloway Director, Maintenance & (	562.868.0431 x2181	
OEM Corp.	4053 Union Pacific Ave.	Commerce	CA	90023	Operations & Maintenance Manager	323.261.2116	
Overhill Farms, Inc.	2727 East Vernon	Vernon	CA	90058	Operations & Maintenance Manager	(323) 582-9977	
Owens Illinois, Inc.	2923 Fruitland Avenue	Vernon	CA	90058	Operations & Maintenance Manager	323-582-1594	
Pabco Paper Products Co.	4460 Pacific Blvd.	Vernon	CA	90058	Bill Fraser	(323) 581-6113	
Pacific Tube Co.	5710 Smithway St.	Commerce	CA	90040	Facilities & Maintenance Manager	323.728.2611	Not Delivered
Packers Investments	4215 Exchange Avenue	Vernon	CA	90058	Andy Lofquift, Plant Manager	323.582.7401	
Park Lawn Cemetery	6555 E. Gage	Commerce	CA	90040	Operations & Maintenance Manager	562.806.0660	
Polychemie Inc.	4690 Worth St.	Los Angeles	CA	90063	Operations & Maintenance Manager	323.266.4435	
Presbyterian Hospital	12401 Washington Blvd.	Whittier	CA	90602	Christopher Fuentes, Development Associate		
Red Chamber Co.	4510 Alameda	Vernon	CA	90058	Operations & Maintenance Manager		
Ressurrection Catholic Cemetery	966 Potrero Grande Dr.	Monterey Park	CA	91755	Facilities & Maintenance Manager	323.887.2024	
Royal Printex Inc.	1946 E 46th Street	Vernon	CA	90058	Brian Huh	323.234.0899	
Russian Molokan Cemetery Assn.	7201 E. Slauson Ave.	Los Angeles	CA	90040	Facilities & Maintenance Manager	323.724.3984	
Serb Untd Benv Socty	213 S. Humphreys Ave	East Los Angeles	CA	90022	Facilities & Maintenance Manager		Not Delivered
Southern California University	16200 Amber Valley Drive	Whittier	CA	90604	Facilities Managaer	562.947.8755	
Square-H Brands Inc.	2731 S. Soto Street	Vernon	CA	90058	General Manager	323.588.5286	
St. Stephen Martyr School	119 S. Ramona Ave.	Monterey Park	CA	91754	Operations & Maintenance Manager	626.573.1716	
Stylex Textiles	2932 E 11th Street	Los Angeles	CA	90023	Plant Manager		
The Clorox Co.	4333 Bandini Blvd.	Vernon	CA	90058	Todd Shamito, Processing Manager	323.525.5900	
The Union Ice Company	2970 East 50th Street	Vernon	CA	90058	Pete Grandis	323.277.1000 & 1005	
Unipolo Fabric Corp.	5000 District Boulevard	Vernon	CA	90058	Operations & Maintenance Manager	(323) 588-4600	
United Food Group	3501 East Vernon Avenue	Vernon	CA	90058	Operations & Maintenance Manager	(323) 588-5286	
US Namsung Textile, Inc.	3113 E. 11th St.	Los Angeles	CA	90021	Jacob Lee	(323) 266-3111	
Versacold MS #12	4224 District	Vernon	CA	90058	Operations & Maintenance Manager	323-277-2910	
Westerntex Industries	6913 E. Acco St.	Commerce	CA	90040	Operations & Maintenance Manager		
Whittier Christian School	6548 S. Newlin	Whittier	CA	90601	Facilities & Maintenance Manager	562.698.0527	
Whittier College	13406 Philadelphia Street	Whittier	CA	90601	Facilities & Maintenance Manager	562.696.3321	Received
Whittier Union High School District	9401 S Painter Avenue	Whittier	CA	90602	Bob Whittenbert, Director of Maintenanc	562.698.8121 x1502	

Central Basin Municipal Water District

Recycled Water Service Questionnaire

Interest in Conversion to Recycled Water: Yes X No ___

Name of Business: CALTRANS Dist 7

Street Address:

City and Zip Code:

Contact Person/Title:

Phone No.:

Type of Business: Freeway irrigation

Type of Water Use: (Irrigation, processing, etc.)

Hours of Water Service Use/Operation: ____ Water Service Provider: ____

Average water usage per month: ____ Units AFY (Circle one) Percentage of water use that could be converted to recycled water: (*) ____

Number and size of Water Service Meter(s): (*) ____ Location of Water Service Meters: ____

Plans to increase use of water? Yes ___ No ___ Plans to decrease use of water? Yes ___ No ___

Additional Comments: Caltrans will convert to recycled water if the main is extended to any existing water meter. Current use may not make this economically viable.

By: Toby MacElroy
CT Water Manager

Date: June 22, 2011

(*) If Known

Central Basin Municipal Water District

Recycled Water Service Questionnaire

Interest in Conversion to Recycled Water: Yes X No ___

Name of Business: Claxgherty Packing Company
Street Address: 3049 E. Vernon Ave.
City and Zip Code: Vernon, CA 90058

Contact Person/Title: Hector Garcia, Env. Engineer
Phone No.: 323-583-9621 x467

Type of Business: Food Processor

Type of Water Use: (Irrigation, processing, etc.) Boiler, Cooling tower, Cleaning, etc.

Hours of Water Service Use/Operation: 24hrs

Water Service Provider: City of Vernon

Average water usage per month: 32,532 ~~HCF~~ KGAL Units AFY (Circle one)

Percentage of water use that could be converted to recycled water: (*)

Number and size of Water Service Meter(s): (*) ? (2)

Location of Water Service Meters: main plt, FJFS + thin Plant

Plans to increase use of water? Yes ___ No ___

Plans to decrease use of water? Yes X No ___

Additional Comments:
(1) Please find attached Sustainability efforts on water reduction
(2) ~~Is recycled water do you have water test Please provide water analytical test.~~
Please provide water analytical testing

By: Hector Garcia Date: 6/21/11

(*) If Known

ON LIST AS
L.A. County Sanitation

Central Basin Municipal Water District

Recycled Water Service Questi

Interest in Conversion to Recycled Water: Yes ✓ No ___

Name of Business: Commerce Refuse-to-Energy Authority
Street Address: 5926 Sheila St
City and Zip Code: Commerce, 90040

Contact Person/Title: Jonathan Iorga / Plant Engineer
Phone No.: 323·721·1278 x4002

Type of Business: Waste disposal/electricity generation

Type of Water Use: (Irrigation, processing, etc.) Irrigation, various industrial processes

Hours of Water Service Use/Operation: continuous usage

Water Service Provider: CA Water Service

Average water usage per month: 1,160,000 CF Units AFY (Circle one)

Percentage of water use that could be converted to recycled water: (*) 80%

Number and size of Water Service Meter(s): (*) 10" 6"

Location of Water Service Meters: Sheila St. curb next to driveway

Plans to increase use of water? Yes ___ No ✓

Plans to decrease use of water? Yes ___ No ✓

Additional Comments: Conversion of 80% of plant water usage to reclaimed water is a very rough estimate since individual plant systems do not have flow meters for water usage tracking.

Average plant water usage calculated from calendar year 2010 statements.

By: Jonathan Iorga Date: 06/28/2011

(*) If Known

ON LIST PREVIOUSLY AS Wilma TEX

Central Basin Municipal Water District

Recycled Water Service Ques

Interest in Conversion to Recycled Water: Yes ✓ No ___

Name of Business: DYESOFT, INC.
Street Address: 5801 S. 2ND STREET
City and Zip Code: VERNON, CA 90058

Contact Person/Title: DEEPAK PARASHAR
Phone No.: 323 627 - 5707

Type of Business: TEXTILE DYEING AND FINISHING

Type of Water Use: (Irrigation, processing, etc.) PROCESSING

Hours of Water Service Use/Operation: 24 HRS / 6 DAYS/WK

Water Service Provider: CITY OF VERNON

Average water usage per month: 95.00 Units AFY (Circle one)

Percentage of water use that could be converted to recycled water: (*) 90 - 100 %

Number and size of Water Service Meter(s): (*) 2 / 6 INCHES

Location of Water Service Meters: CORNER OF 2ND STREET AND 57th STREET

Plans to increase use of water? Yes ___ No X

Plans to decrease use of water? Yes ___ No X

Additional Comments:

By: Deepak Parashar Date: 6/21/11

(*) If Known

Central Basin Municipal Water District

Recycled Water Service Questionnaire

Interest in Conversion to Recycled Water: Yes X No ___

Name of Business: HOME OF PEACE MEMORIAL PARK
Street Address: 4334 WHITTIER BLVD.
City and Zip Code: LOS ANGELES, CA 90023

Contact Person/Title: RICHARD GEORGE/executive director
Phone No.: 323 261-6135

Type of Business: CEMETERY

Type of Water Use: (Irrigation, processing, etc.) IRRIGATION

Hours of Water Service Use/Operation: REGULAR BUSINESS HOURS

Water Service Provider: CALIFORNIA WATER SERVICE

Average water usage per month: 665 CCF Units AFY (Circle one)

Percentage of water use that could be converted to recycled water: (*) ALL IRRIGATION

Number and size of Water Service Meter(s): (*)
4 METERS
2 1" SERVICE
2 2" SERVICE

Location of Water Service Meters: WITHIN ADMINISTRATION OFFICE & CEMETERY

Plans to increase use of water? Yes ___ No X

Plans to decrease use of water? Yes X No ___

Additional Comments: WE AS A CEMETERY ARE IN DESPERATE NEED TO ESTABLISH OUR NEED FOR RECYCLED WATER. WE ARE HOPEFUL THAT THE MUNICIPAL WATER DISTRICT CAN PROVIDE US WITH THIS CHANGE AS SOON AS POSSIBLE.

By: [signature] Date: 06/27/2011

(*) If Known

Central Basin Municipal Water District

Recycled Water Service Questionnaire

Interest in Conversion to Recycled Water: Yes ✓ No ___

Name of Business: MAGIC LAUNDRY SERVICES INC.
Street Address: 412 ROOSEVELT AVE.
City and Zip Code: MONTEBELLO CA. 90640

Contact Person/Title: HARRY KERTENIAN V.P.
Phone No.: 326 726-4061

Type of Business: LAUNDRY SERVICES

Type of Water Use: (Irrigation, processing, etc.) PROCESSING LAUNDRY HOTELS

Hours of Water Service Use/Operation: 16 HOURS A DAY

Water Service Provider: MONTEBELLO LAND & WATER.

Average water usage per month: ____ Units AFY (Circle one) 120,000 GALLONS A DAY

Percentage of water use that could be converted to recycled water: (*) 100%

Number and size of Water Service Meter(s): (*) 4 INCH

Location of Water Service Meters: FRONT PARKING LOT

Plans to increase use of water? Yes ✓ No ___

Plans to decrease use of water? Yes ___ No X

Additional Comments: PLEASE CALL TO DISCUSS
VERY INTERESTED!

By: _____ Date: _____

(*) If Known

Central Basin Municipal Water District

Recycled Water Service Questionnaire

Interest in Conversion to Recycled Water: Yes ✓ No ___

Name of Business: MATHESON TRI-GAS
Street Address: 5555 DISTRICT BLVD.
City and Zip Code: VERNON, CA. 90058

Contact Person/Title: BILL TOLEN / FERMIN REYES
Phone No.: 626-780-8404 / 323-560-0209

Type of Business: INDUSTRIAL/MEDICAL GASES

Type of Water Use: (Irrigation, processing, etc.) Cooling

Hours of Water Service Use/Operation: 24 hours

Water Service Provider: MAYWOOD WATER DISTRICT #3

Average water usage per month: 4.5 million GALS Units AFY (Circle one)

Percentage of water use that could be converted to recycled water: (*)

Number and size of Water Service Meter(s): (*)

Location of Water Service Meters: 4855 E 52nd Place Vernon, CA.

Plans to increase use of water? Yes ___ No X

Plans to decrease use of water? Yes ___ No X

Additional Comments:

By: [signature] Date: 6/22/11

(*) If Known

Central Basin Municipal Water District

Recycled Water Service Questionnaire

Interest in Conversion to Recycled Water: Yes X No ___

Name of Business: WHITTIER COLLEGE
Street Address: 13729 EARLHAM DRIVE
City and Zip Code: WHITTIER 90602

Contact Person/Title: YAS OSAKO / GROUNDS MANAGER
Phone No.: 562-464-4527

Type of Business: COLLEGE CAMPUS

Type of Water Use: (Irrigation, processing, etc.) IRRIGATION

Hours of Water Service Use/Operation: 24/7

Water Service Provider: CITY OF WHITTIER

Average water usage per month: WINTER CUMULATIVE ± 6000 Units (Circle one) AFY

Percentage of water use that could be converted to recycled water: (*) unknown - 30% ±

Number and size of Water Service Meter(s): (*) 40 METERS

Location of Water Service Meters: various locations on college campus

Plans to increase use of water? Yes ___ No X

Plans to decrease use of water? Yes X No ___

Date: 6.30.2011

PAUL MORRISSEY
Construction Project Manager

WHITTIER 1887 COLLEGE

13729 Earlham Drive
P.O. Box 634
Whittier, CA 90608

TEL (562) 907-5036
FAX (562) 907-4891
CELL (562) 201-7083
pmorrissey@whittier.edu
www.whittier.edu

received 7/15/11 (gp)

Central Basin Municipal Water District

Recycled Water Service Questionnaire

Interest in Conversion to Recycled Water: Yes ✓ No ___

Name of Business: La Mirada Heights Christian School
Street Address: 12200 Oxford Drive
City and Zip Code: La Mirada, CA 90638

Contact Person/Title: Glenn Carvin Senior Vice President Family Resource Ministries
Phone No.: 714-921-9070

Type of Business: Private Christian Preschool and Elementary School

Type of Water Use: (Irrigation, processing, etc.) Irrigation of fields, bathrooms & kitchen use

Hours of Water Service Use/Operation: 6:00am-6:30pm

Water Service Provider: Suburban Water

Average water usage per month: 569 Units AFY (in 100 cubic ft; Circle one)

Percentage of water use that could be converted to recycled water: (*) 70%

Number and size of Water Service Meter(s): (*) meter 1 4" meter 2 1"

Location of Water Service Meters: Near monument sign North of Preschool Bldg. 50 ft from street-corner

Plans to increase use of water? Yes ___ No ✓

Plans to decrease use of water? Yes ___ No ✓

Additional Comments: We have approximately 5-6 acres of grassy fields that are watered regularly.

By: Glenn Carvin Date: 7/12/11

(*) If Known

Appendix 7. Recycled Water Procedures for Irrigation Use

CENTRAL BASIN MUNICIPAL WATER DISTRICT
RECYCLED WATER PROGRAM

Recycled Water Procedures for Irrigation Use

Step 1 – The District's shall perform a field evaluation of each potential site to confirm and obtain the following information: site location, site boundaries, location(s) of existing meter(s), location(s) and type(s) of existing backflow prevention device(s) and any other information pertinent to securing the customer and/or constructing the pipeline to serving them.

Step 2 – The District's shall contact customer representative(s) to discuss the possible use of recycled water at the site as well as site-specific issues including estimated cost savings and physical site characteristics that have bearing on the use of recycled water. In addition, the District will obtain existing water/irrigation system information and drawings, confirm estimated recycled water demand, perform field reconnaissance and interview knowledgeable personnel to determine the work necessary to separate the potable and recycled water systems. This shall also include pressure, peak flow rate, pump, water quality, backflow protection, irrigation issues, on-site field notations, take photographs as records of the field conditions, water impoundments and the development of construction cost estimates using up-to-date unit price information.

Step 3 – Site Assessment(s) Summary: The District's shall execute an assessment summary for the sites identified that includes the following:

- Site name;
- Address;
- Contact name and phone number;
- Purveyor;
- Estimated recycled water demand;
- Preliminary schematic on-site retrofit information;
- Estimated on-site retrofit costs;
- Probability for a successful hook-up;
- Schedule; and
- Financing needs (if applicable).

Based on the information provided in this summary, the District's shall assess which sites are to be pursued.

Step 4 – The District's shall Obtain "Letter of Intent" and "Conditions for the Introduction and Use of Recycled Water": Meet with the potential customer to review the possibility of serving recycled water culminating in a "Letter of Intent." This step maybe waived by the District's if the document already exists or is deemed unnecessary. In addition, the customer is required to sign a "Conditions for the Introduction and Use of Recycled Water" agreement to insure compliance with applicable recycled water regulations by the State and the County of Los Angeles.

Step 5 – Obtain Regulatory Approval: The District's shall prepare State of CSDHS and CLADHS required Engineering Report or Industrial Engineering Report (when applicable) and irrigation schematics as needed to obtain DHS approvals. In addition, the District's provides customer with a copy of the latest version of the "Recycled Water (Irrigation or Industrial) User's Manual," complete the preliminary and final cross-connection tests, and prepare exhibit(s) and applications to obtain State and County DHS approvals. The District's shall pay fees related to this step.

Step 6 – The District's with the assistance of contract field operators, shall obtain construction schematics for on-site retrofits and/or service laterals from three qualified contractors unless District or customer accepts fewer estimates. In addition, the District's confirm economic viability of the project. Customer and/or District's shall select a contractor to construct the on-site retrofit improvements and service laterals.

Step 7–Complete "Retrofit Financing Agreement" (if applicable): The District's shall prepare and circulate "Retrofit Financing Agreement" between the District's, customer and purveyor and submit the agreement for signature by the customer and purveyor.

Step 8 – Construction Oversight: The District's, purveyors, County of Los Angeles Department of Heath Services Cross Connection and District field contracted personnel (Consultants, Contracted Field Operators) shall oversee construction work by retrofit contractor. The District's and all responsible parties will maintain appropriate field notes and take photographs to document work.

Step 9 – Final Cross-Connection Test: The District's in cooperation with CSDHS and CLADHS representatives, purveyors, customer representatives and District field operators and/or consultants shall conduct a final cross connection

test of the facility to protect the potable water system against cross-connections and backflow.

Step 10 – On-Site Supervisor: The District's, purveyor and customer upon approval of the site for recycled water use by the CLADHS shall designate an onsite facility "Recycled Water User Supervisor." The Onsite recycled water Supervisor is required to abide by applicable CSDHS and CLADHS recycled water regulation and is responsible for operation, and maintenance of the facility's recycled and potable water systems. In addition, the District's prepares and distributes "as-built" exhibits to all responsible parties (customer, State and County Department of Health Services Cross-Connection, purveyors, and District's recycled water system operators).

Post-Connection Program – The District's have established an ongoing "Recycled Water Customer "Operations and Maintenance Program" (customer development, operations and engineering) to insure accordance with CSDHS and CLADHS regulation. The following is an overview of the Districts' recycled water customer operations and maintenance program:

- **District – Purveyor Agreement:** Guidelines for monitoring of approved recycled water use sites for CSDHS and CLADHS recycled water regulation compliance.

- **Annual Visual Inspections:** Applicable 1 year subsequent to site connection date and conducted by CLADHS, District representatives, purveyors and municipalities to insure regulatory compliance.

- **Periodic Cross-Connection Testing:** Applicable 4 years subsequent to site connection date and conducted by CLADHS, District representative's purveyors and municipalities to insure regulatory compliance.

- **Non-Compliance:** If at any time during the operation of a recycled water system, the customer fails to abide by CSDHS and CLADHS regulation (non-compliance) the District's, in association with purveyors and CSDHS/CLADHS shall terminate the facility's recycled water

Appendix 8. Process to Obtain Permission to Use Recycled Water

Tab 3
Process to Obtain Permission to Use Recycled Water

A. How to Obtain Recycled Water Directly From the Districts (Steps for Direct Users or Purveyors)

Process	Applicable Recycled Water Program Document *or Actions Required*	Responsible Entity
Step 1 – Consult with Districts and review Recycled Water Users Handbook	Districts' Recycled Water Users Handbook	Direct User or Purveyor
Step 2 – Identify your local health department	Contact Los Angeles County Department of Public Health (LACDPH); or for Cities of Vernon, Pasadena, Long Beach, contact the local health department.	Direct User or Purveyor
Step 3 - Prepare draft plans and specifications	California Department of Public Health (CDPH) requirements in California Code of Regulations (CCR) Title 17 and 22[1], Los Angeles County Department of Public Health (LACDPH) Guidelines or local health department requirements	Direct User or Purveyor
Step 4 - Draft User Agreement or Amendment (if site is not covered under existing agreement)	Districts' User Agreement	Districts / Direct User or Purveyor
Step 5 - Approve User Agreement or Amendment	Present Agreement or Amendment to Districts' Board and governing body of Direct User or Purveyor for approval.	Districts / Direct User or Purveyor
Step 6 - Submit Application for recycled water use	Districts' User Application Form	Direct User or Purveyor
Step 7 - Identify distribution issues, verify allowed uses, estimate quantity of water and delivery schedule	Verification of information provided in the Application Form. Send conditional approval in writing with caveat that project commencement is contingent upon Direct User or Purveyor receiving all regulatory approvals.	Districts
Step 8 – Complete California Environmental Quality Act (CEQA) Process	Make sure you have proper CEQA documentation for the site.	Direct User or Purveyor
Step 9 – Consult with health agencies *(recommended)*	Describe project and show draft plans to CDPH and LACDPH or local health department.	Direct User or Purveyor

[1] Links to adoped regulations and be found at:
http://www.cdph.ca.gov/healthinfo/environhealth/water/Pages/Waterrecycling.aspx

Process	Applicable Recycled Water Program Document *or Actions Required*	Responsible Entity
Step 10 – Finalize and submit plans and specifications	Plans and specifications submitted to LACDPH or local health department; LACDPH Cross-Connection Plan Approval Application and fee or applications/fees required by local health department.	Direct User or Purveyor
Step 11 - Provide materials and/or training to User on proper operation of a recycled water system	Districts' Recycled Water Users Handbook to be provided by Districts; training to be provided by Districts and/or Purveyor (or another equivalent program can be substituted).	Districts or Purveyor
Step 12 – Final plans and specifications	Obtain approval of final plans and specifications from LACDPH or local health department.	Direct User or Purveyor
Step 13 – Prepare/Amend Engineering Report	CDPH *Guidelines for Preparation of an Engineering Report for the Production, Distribution and Use of Recycled Water*[2]; Direct User or Purveyor completes the Engineering Report; the Districts provide information related to treatment facilities; the report must be prepared and stamped by a professional engineer registered in California.	Direct User or Purveyor, and Districts
Step 14 – Submit Engineering Report (including as-built drawings of the recycled water distribution system) to CDPH and Los Angeles Regional Water Quality Control Board (LARWQCB), with copy to Districts	Completed Engineering Report and copies of as-built drawings of recycled water distribution system.	Direct User or Purveyor
Step 15 – If applicable, submit revised Engineering Report, with copy to Districts	Revisions/additional information may be requested by CDPH and/or LARWQCB.	Direct User or Purveyor
Step 16 – Authorization of project under existing or new LARWQCB permit	Letter or permit	LARWQCB; possibly CDPH, LACDPH, and/or local health department

[2] http://www.cdph.ca.gov/certlic/drinkingwater/Documents/Recharge/ERGUIDE2001.PDF

Process	Applicable Recycled Water Program Document *or Actions Required*	Responsible Entity
Step 17 – Notify Districts of Final Regulatory Approvals	Direct User or Purveyor sends copy of LARWQCB letter or permit to Districts and any other applicable CDPH, LACDPH or local health department documents.	Direct User or Purveyor
Step 18 – Pre- and post-construction inspections	Contact LACDPH or local health department prior to construction to arrange for site inspections, initial cross-connection and backflow prevention device testing; LACDPH Guidelines and Recycled Water System Inspection Report or report required by local health department.	Direct User or Purveyor
Step 19 – Approval of final construction	By LACDPH or local health department	Direct User or Purveyor
Step 20 – Begin project implementation		Direct User or Purveyor
Step 21 – Submit revised as-built drawings of recycled water distribution system if necessary	Must be provided to LACDPH or local health department and Districts if any modifications have been made to original drawings.	Direct User or Purveyor

B. How to Obtain Recycled Water From Your Water Purveyors (Steps for Users and Purveyors)

Process	Applicable Recycled Water Program Document *or Actions Required*	Responsible Entity
Step 1 – Consult with Purveyor and review Recycled Water Users Handbook	Districts' Recycled Water Users Handbook	User and Purveyor
Step 2 – Identify your local health department	Contact Los Angeles County Department of Public Health (LACDPH); or for Cities of Vernon, Pasadena, Long Beach, contact the local health department.	User and Purveyor
Step 3 – Prepare draft plans and specifications	California Department of Public Health (CDPH) requirements in California Code of Regulations (CCR) Title 17 and 22[3], Los Angeles County Department of Public Health (LACDPH) Guidelines or local health department requirements.	User or Purveyor
Step 4 – Request for recycled water service	Use recycled water Purveyor's application process.	User
Step 5 – Draft User Agreement or amendment (if site is not covered under existing agreement)	Districts' User Agreement or Amendment	Districts / Purveyor
Step 6 – Approve User Agreement or Amendment	Present Agreement or Amendment to Districts' Board and governing body of Purveyor for approval.	Districts / Purveyor
Step 7 – Submit Application for recycled water use to Districts	Districts' User Application Form	Purveyor
Step 8 – Identify distribution issues, verify allowed uses, estimate quantity of water and delivery schedule	Verification of information provided in the Districts' User Application Form. Send conditional approval in writing with caveat that project commencement is contingent upon Purveyor receiving all regulatory approvals.	Districts
Step 9 – Draft contract or amendment or other legal control mechanism (if site is not covered under existing contract or control mechanism)	Contract, contract amendment, or control mechanism between Purveyor and User.	Purveyor and User

[3] Links to adoped regulations and be found at:
http://www.cdph.ca.gov/healthinfo/environhealth/water/Pages/Waterrecycling.aspx

Process	Applicable Recycled Water Program Document *or Actions Required*	Responsible Entity
Step 10 – Approve contract or amendment or other legal control mechanism (if site is not covered under existing contract or control mechanism)	Purveyor and User authorize contract, contract amendment, or control mechanism.	Purveyor and User
Step 11 – Complete California Environmental Quality Act (CEQA) process	Make sure you have proper CEQA documentation for the site.	Purveyor
Step 12 – Consult with health agencies *(recommended)*	Describe project and show draft plans to CDPH and LACDPH or local health department.	Purveyor
Step 13 – Finalize and submit plans and specifications	Plans and specifications submitted to LACDPH or local health department; LACDPH Cross-Connection Plan Approval Application and fee or applications/fees required by local health department.	Purveyor
Step 14 - Provide materials and/or training to User on proper operation of a recycled water system	Districts' Recycled Water Users Handbook and training to be provided by Purveyor (the Districts' training program or another equivalent program can be substituted).	Purveyor
Step 15 – Final plans and specifications	Obtain approval of final plans and specifications from LACDPH or local health department.	Purveyor
Step 16 – Prepare/Amend Engineering Report	CDPH *Guidelines for Preparation of an Engineering Report for the Production, Distribution and Use of Recycled Water*[4]; Purveyor completes the Engineering Report; the Districts provide information related to treatment facilities; the report must be prepared and stamped by a professional engineer registered in California.	Purveyor and Districts
Step 17 – Submit Engineering Report (including as-built drawings of the recycled water distribution system) to CDPH and Los Angeles Regional Water Quality Control Board (LARWQCB), with copy to the Districts	Completed Engineering Report and copies of as-built drawings of recycled water distribution system.	Purveyor

[4] http://www.cdph.ca.gov/certlic/drinkingwater/Documents/Recharge/ERGUIDE2001.PDF

Process	Applicable Recycled Water Program Document *or Actions Required*	Responsible Entity
Step 18 – If applicable, submit revised Engineering Report, with copy to Districts	Revisions/additional information may be requested by CDPH and/or LARWQCB.	Purveyor
Step 19 – Authorization of project under existing or new LARWQCB permit	Letter or permit	LARWQCB; possibly CDPH, LACDPH, and/or local health department
Step 20 – Notify Districts of Final Regulatory Approvals	Purveyor sends copy of LARWQCB letter or permit to Districts and any other applicable CDPH, LACDPH or local health department documents.	Purveyor
Step 21 – Pre- and post-construction inspections	Contact LACDPH or local health department prior to construction to arrange for site inspections, initial cross-connection and backflow prevention device testing; LACDPH Guidelines and Recycled Water System Inspection Report or report required by local health department.	Purveyor
Step 22 – Approval of final construction	By LACDPH or local health department	Purveyor
Step 23 – Begin project implementation		Purveyor and User
Step 24 – Submit revised as-built drawings of recycled water distribution system if necessary	Must be provided to LACDPH or local health department and Districts if any modifications have been made to original drawings.	Purveyor

Appendix 9. Recycled Water Demand and Hydraulic Calculations

Central Basin Municipal Water District
East Los Angeles Recycled Water Expansion Project

	Customer	Address/Location	Approximate Elevation (ft)	Alignment Served by	Serves	Scaled Irrigated Area (Acres)	Calculated Irrigation Demand by Area (AFY)	Master Plan Demand (AFY)[6]	Last 2-years Average Demand (AFY)	Average Day Demand (ADD) (gpm)[1]	Peaking Factor	Master Plan (gpm)	Peak Period Demand (gpm)[2]
	(Park, Schools, Cemetary Customers)												
A	Evergreen Cemetery	204 N. Evergreen Ave, LA 90033	300-340	1,2,3,4	Irrigation	68.0	**204.0**	220.0		126.5	4.98	679.2	**630**
B	Ramona HS	231 S Alma Ave, LA 90063	323	3,4	Irrigation	0.85	**2.6**	20.0		1.6	4.98	7.9	**8**
C	Stevenson Middle School	725 S Indiana St, LA 90023	265-285	3,4	Irrigation	3.3	**9.9**	20.0		6.1	4.98	30.6	**31**
D	Salazar Park	3864 Whittier Blvd, LA 90023	209-223	3,4	Irrigation	4.7	**14.1**	16.0		8.7	4.98	43.5	**44**
E	Old Fellows Cemetery	3640 Whittier Blvd, LA	200-250	3,4	Irrigation	21.5	**64.5**	-		40.0	4.98	199.12	**199**
F	Ramon Garcia Recreation Cntr	1016 S. Fresno St., LA 90023	245-275	1,2	Irrigation	5.4	**16.2**	-		10.0	4.98	50.01	**50**
G	Sunrise Elementary	2821 E. Seventh St., LA 90023	318	1	Irrigation	1.5	**4.5**	-		2.8	4.98	13.9	**14**
H	Boyle Heights Sports Park	933 S. Mott St., LA 90023	250-280	1	Irrigation	3.30	**9.9**	-		6.1	4.98	30.6	**31**
I	Hollenbeck Middle School	2510 East Sixth Street, LA 90023	267-272	1	Irrigation	1.6	**4.8**	-		3.0	4.98	14.8	**15**
J	Boyle Heights High School	544 South Mathews Street, LA 90033	290-325	1	Irrigation	6.2	**18.6**	-		11.5	4.98	57.4	**57**
K	Evergreen Recreation Center	2844 East 2nd St., LA 90033	295-300	1	Irrigation	4.3	**12.9**	-		8.0	4.98	39.8	**40**
L	Lou Costello Jr Youth Center	3141 E. Olympic Blvd., LA 90023	225-230	1,2	Irrigation	2.4	**7.2**	-		4.5	4.98	22.2	**22**
M	Christoper Dena Elementary	1314 S Dacotah St, LA 90023	228	1,2	Irrigation	0.0	**0.0**	-		0.0	4.98	0.0	**0.0**
N	Bishop Mora Salesian HS	960 South Soto Street, LA 90023	270-290	1	Irrigation	0.0	**0.0**	-		0.0	4.98	0.0	**0.0**
	Calvary Catholic Cemetery[8]	4201 Whittier Blvd, LA 90023	200-310	4	Irrigation	142.0	**426.0**	300.00		264.1	4.98	1315.1	**1315.1**
	Home of Peace Cemetery[8]	4334 Whittier Blvd, LA 90023	185-210	4	Irrigation	31.0	93.0	27.00		57.7	4.98	287.1	**287.1**
	Serbian Cemetery[8]	4355 E. 2nd Street, LA 90023	295-310	4	Irrigation	6.0	18.0	7.00		11.2	4.98	55.6	**55.6**
	(Industrial Customers)												
1	Seoul Texprint	3125 E. 12th St, LA 90023	220	1,2,3,4	Industrial			64.0		39.7	1.65	65.5	65
2	E & C Fashion	3600 E. Olympic Blvd, LA 90023	196	2,3,4	Industrial			90.0		55.8	1.65	92.1	92
3	Other Customers	Boyle Heights Area	195-220	1,2,3,4	Industrial			125.0		77.5	1.65	127.9	128
4	Developer w/ Cooling Towers[7]	5001 Soto Street, Vernon	188	1,2,3,4	Industrial			385.0		238.7	1.65	393.8	394

Total Estimated Demand

Align 1	**852**	**AFY**	
Align 2	**891.4**	**AFY**	
Align 3	**959.1**	**AFY**	
Align 4	**1496.1**	**AFY**	

Irrigation Demand Summary

Align 1	**908**	**859**	**gpm**
Align 2	**751.4**	**702.0**	**gpm**
Align 3	**960.3**	**910.9**	**gpm**
Align 4	**2618.1**	**2568.7**	**gpm**

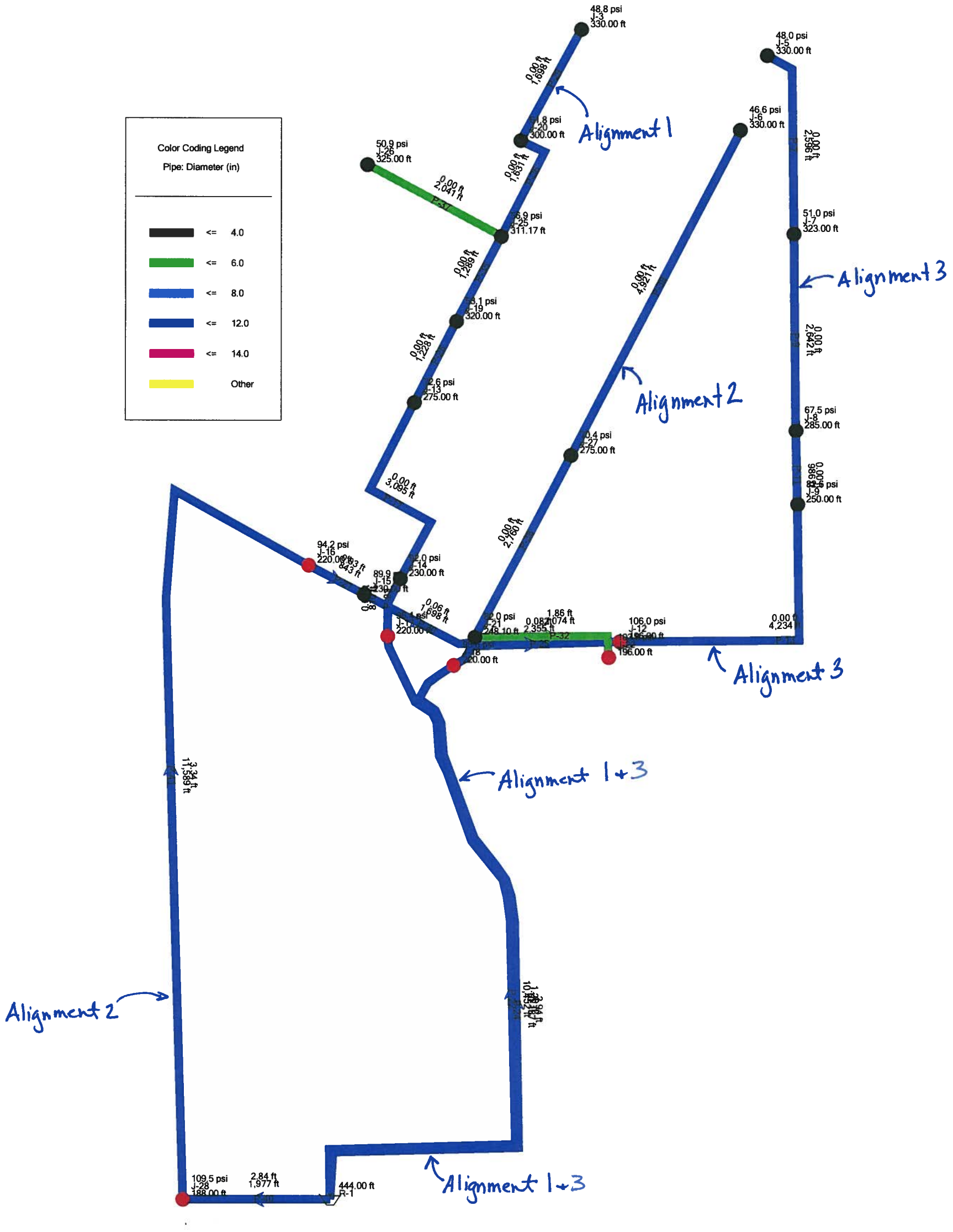
Industrial Demand Summary

Align 1	**587.1**	**gpm**
Align 2	**679.2**	**gpm**
Align 3	**679.2**	**gpm**
Align 4	**679.2**	**gpm**

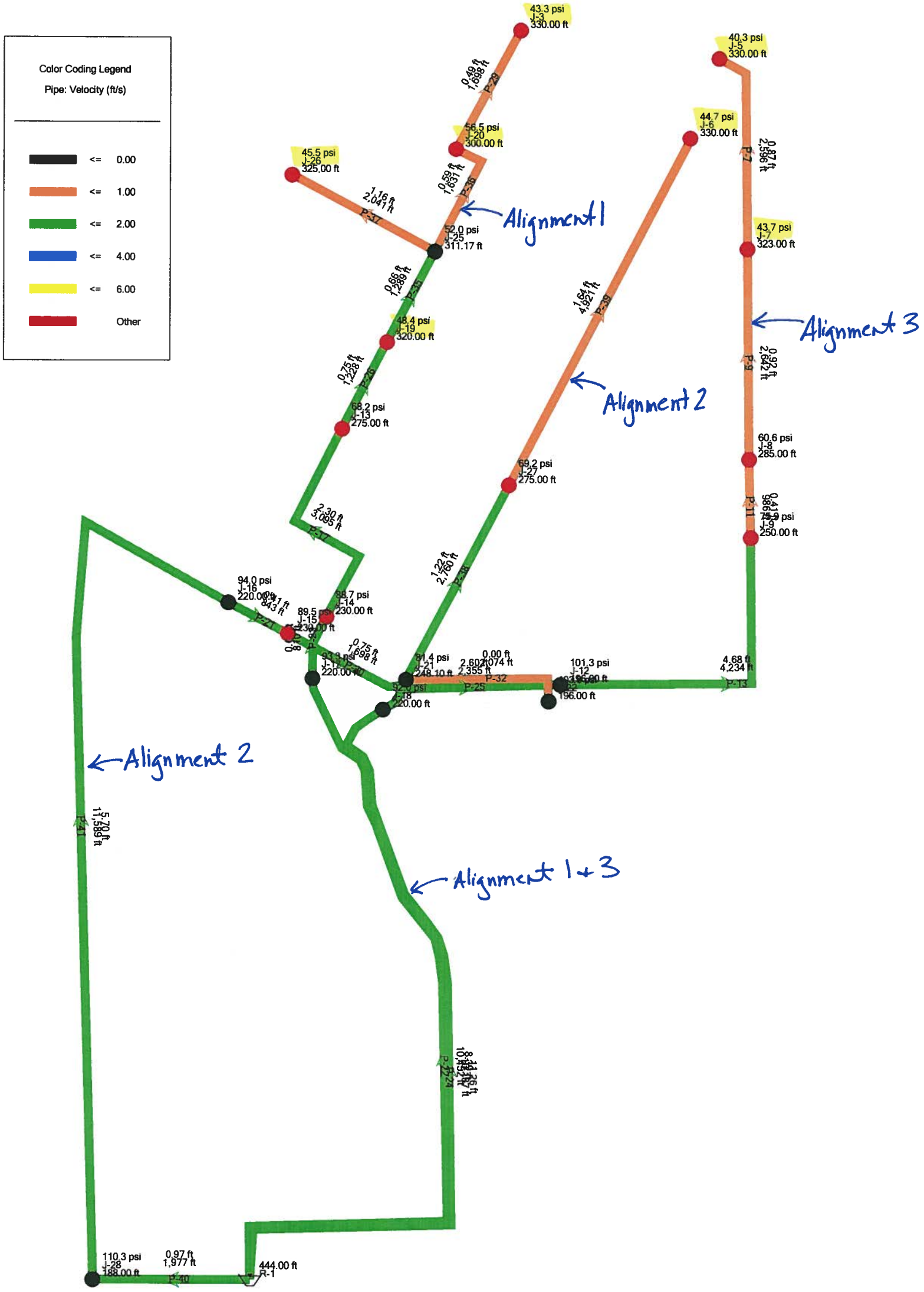
Assumptions:
Assume Average Day Demand (ADD)
Assume irrigation times spread over 9-hour period

Notes:
1. ADD = Calc. of ADD GPM from AFY is based on (43560 ft^3/acre) x (7.48 gal/ft^3) / (365 days/year) / (24 hours/day) / (60 min/hour)
2. Assumed Irrigation peaking factor of 4.98 x Average Day Demand (ADD) = (2.075 peaking factor x 24hrs / 10hrs = 4.98 x ADD)
3. Actual Demand for irrigation cannot be determine for Dual Use meters. Refer to Estimated Demand for estimated usage based on irrigated area.
4. Assumed Industrial peaking factor of 1.65 x Average Day Demand (ADD)
5. Calculated irrigation Annual Demand based on 3.0 ft of water per acre per year
6. The Master plan demands for the Irrigation users was obtained from the 2012 CBMWD Master Plan; the master plan demands for the industrial users was obtained from the 2012 City of LA RW Master Plan.
7. The information for the potential Developer with Cooling Towers was received in an email from CBMWD on September 22, 2014.
8. The approximate site acreage was taken from an LA DWP document drafted on October 2, 2014.

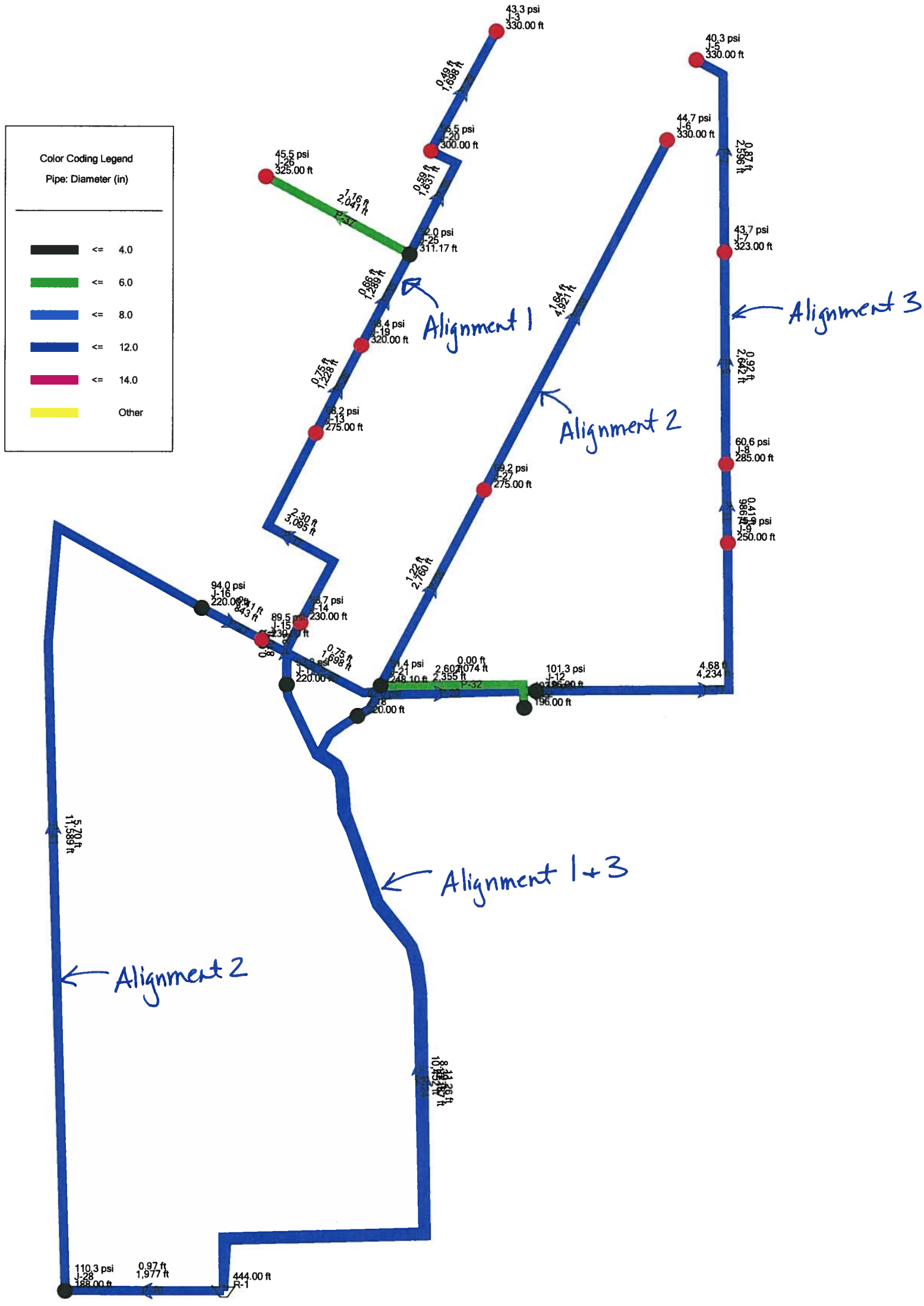
Scenario: Industrial
Active Scenario: Industrial



Scenario: 100 AFY
Active Scenario: 100 AFY

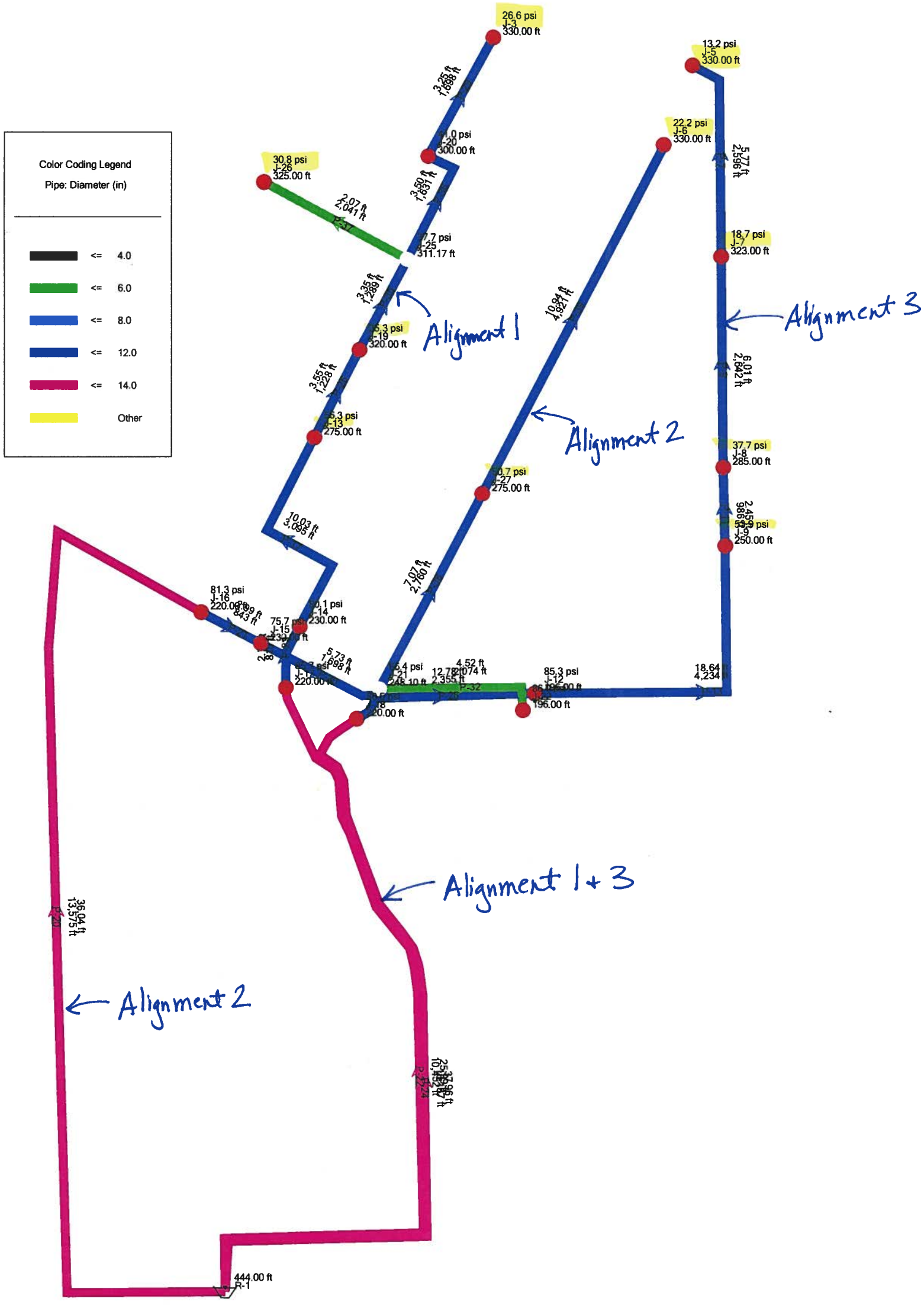


Scenario: 100 AFY
Active Scenario: 100 AFY



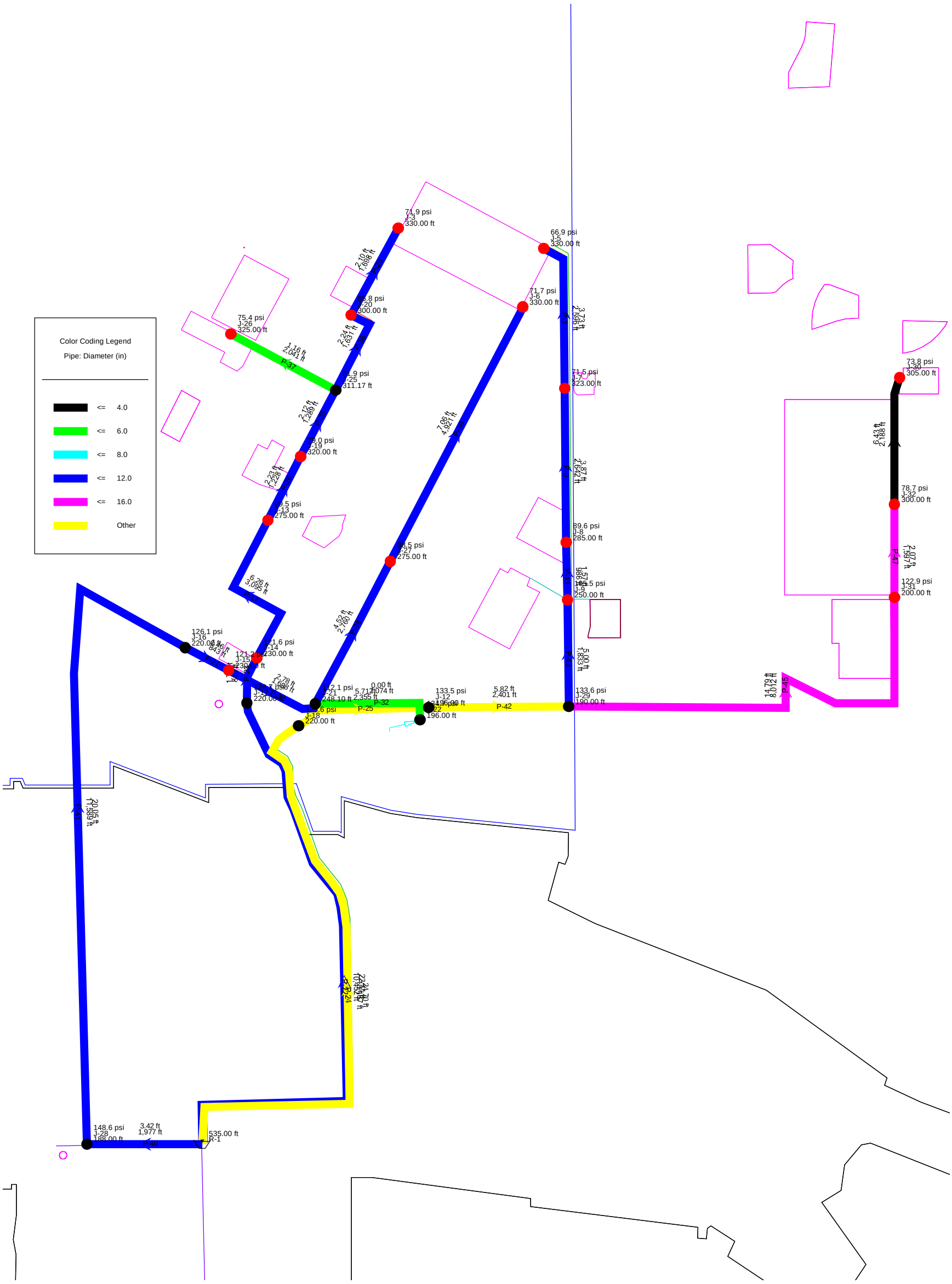
Scenario: ~~Base~~ 200 AFY

Active Scenario: Base

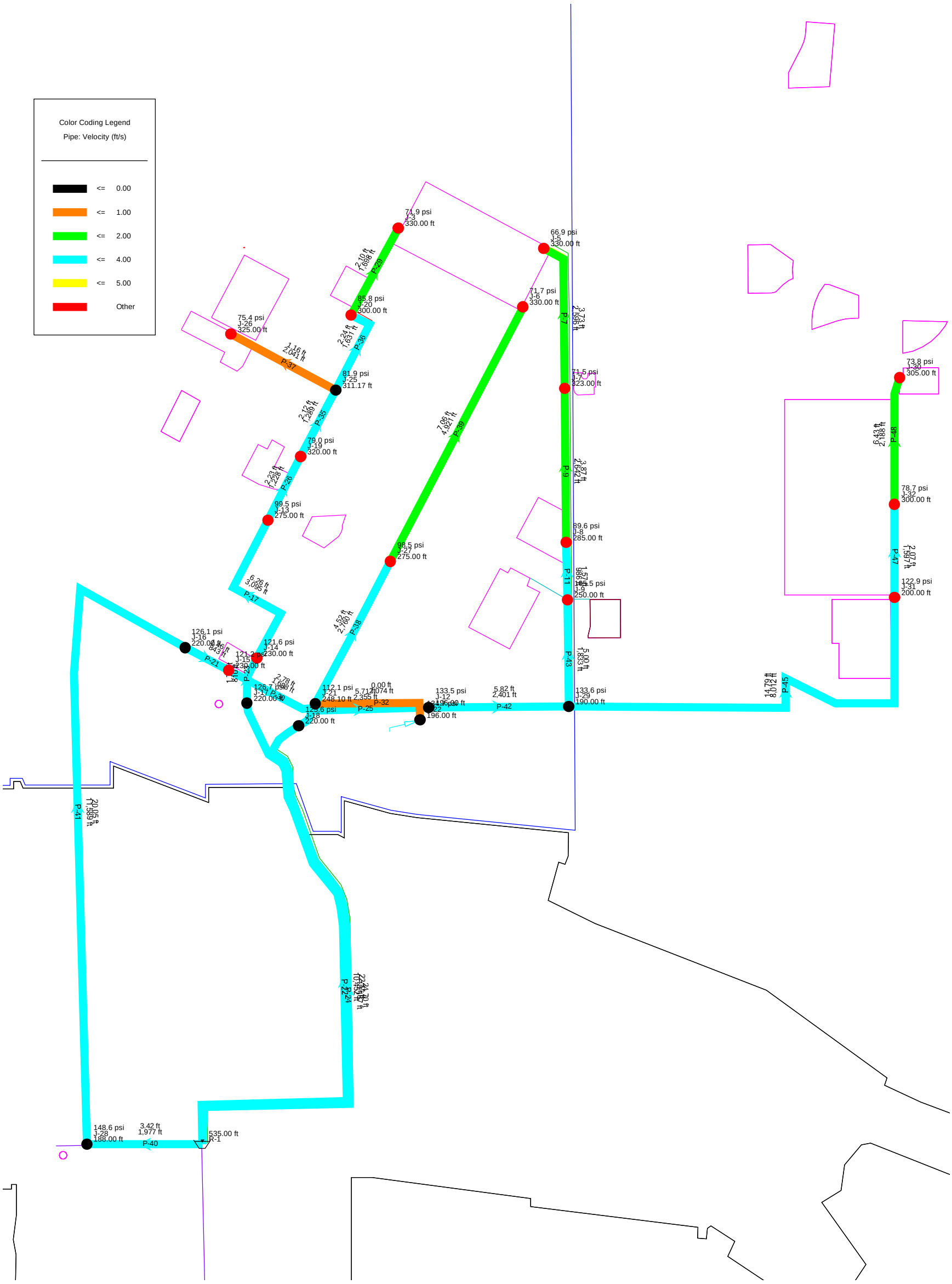


Scenario: 200 AFY + Align 4 Users

Active Scenario: 200 AFY + Align 4 Users

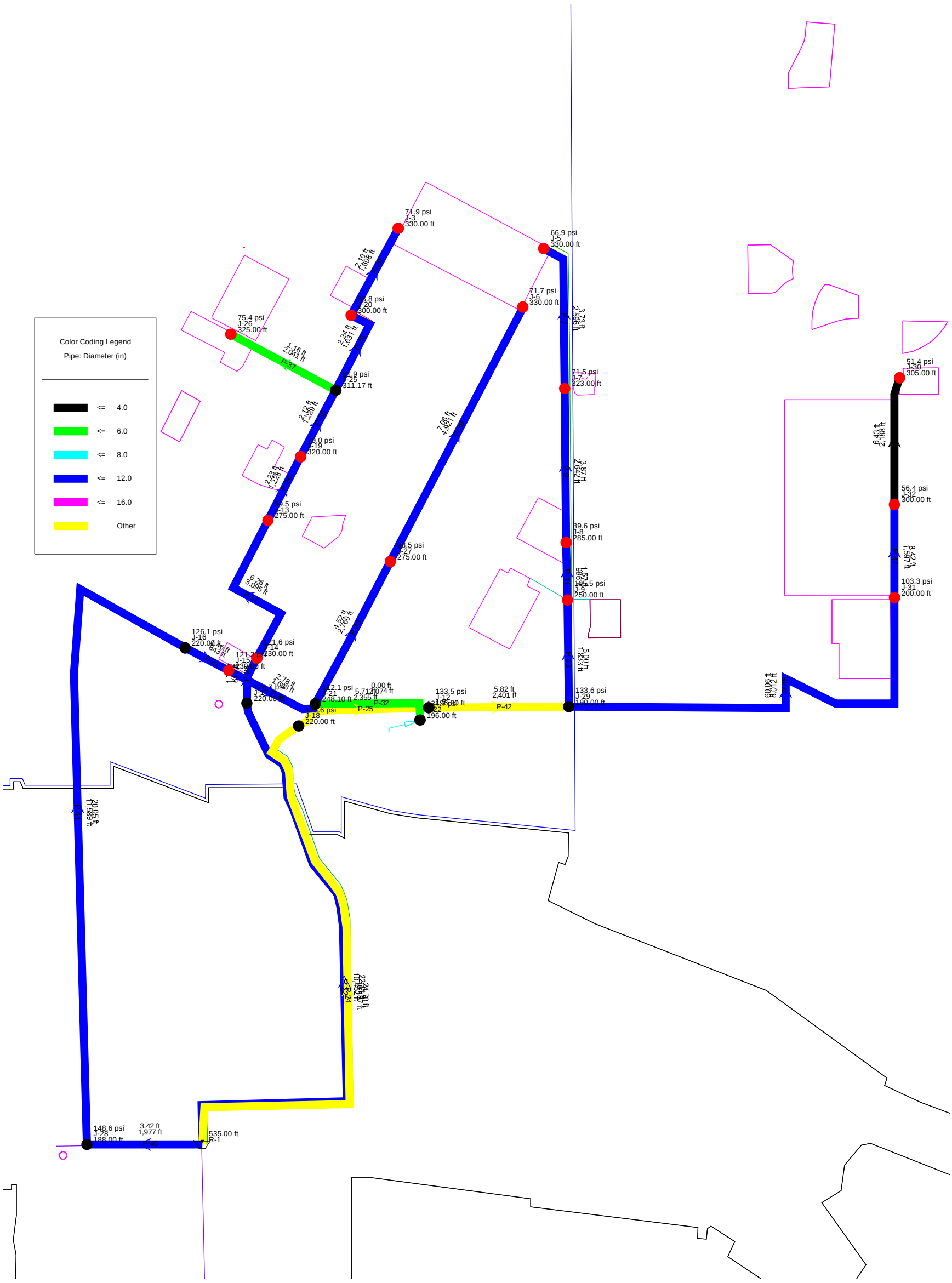


Scenario: 200 AFY + Align 4 Users
Active Scenario: 200 AFY + Align 4 Users



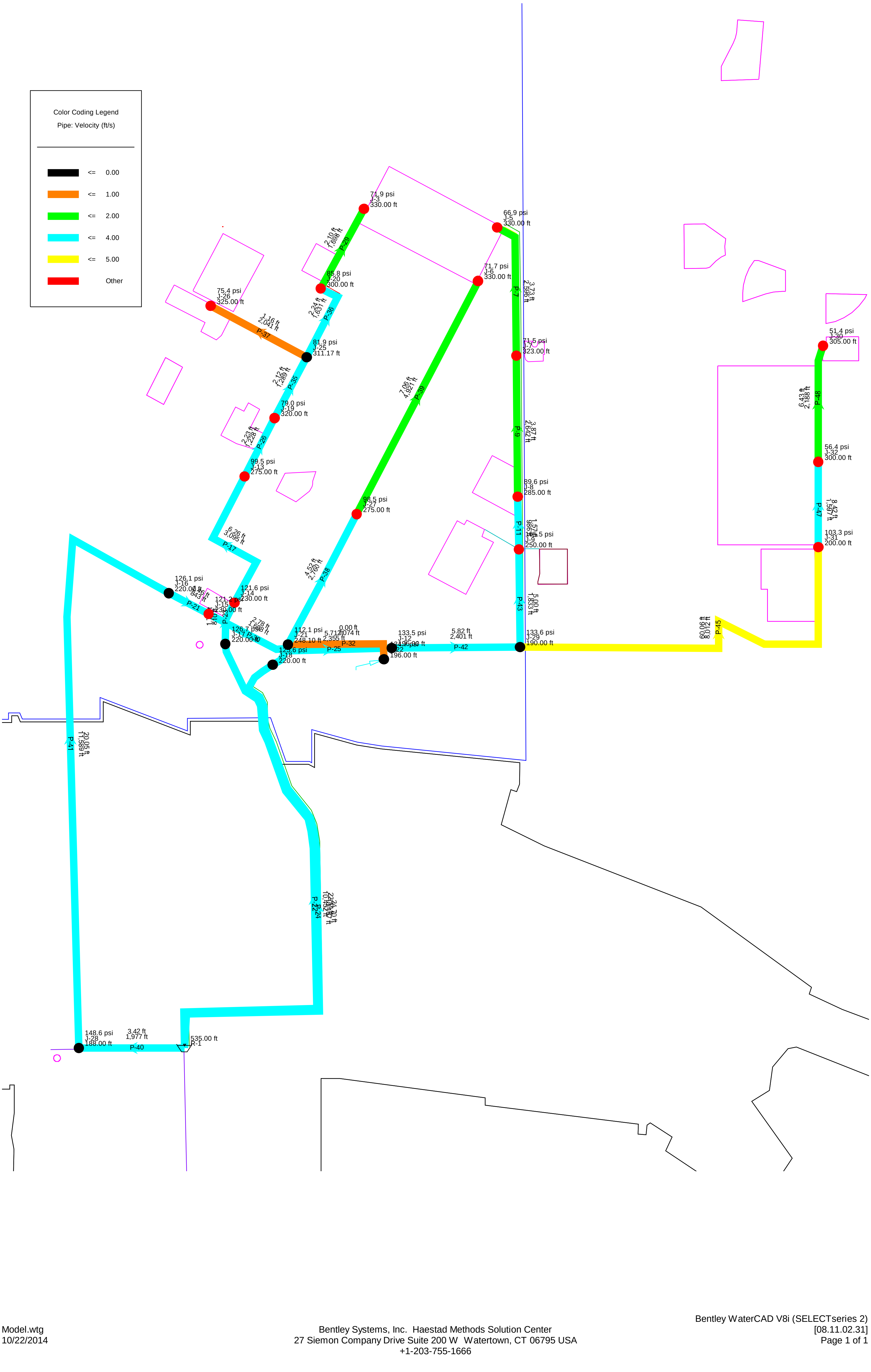
Scenario: 200 AFY + Align 4 Users

Active Scenario: 200 AFY + Align 4 Users



Scenario: 200 AFY + Align 4 Users

Active Scenario: 200 AFY + Align 4 Users



Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Submitted By: Victor Ponto
Approved By: Elaine Jeng

CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL
EXISTING LITIGATION
LETICIA VASQUEZ WILSON v. CENTRAL BASIN MUNICIPAL WATER DISTRICT, ET. AL
(CASE NO. 22STCV19770)
CALIFORNIA GOVERNMENT CODE SECTION 54956.9(d)

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Submitted By: Victor Ponto
Approved By: Elaine Jeng

CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL
ANTICIPATED LITIGATION
CALIFORNIA GOVERNMENT CODE 54956.9(b) - ONE MATTER

Central Basin Municipal Water District

FEBRUARY 24, 2025 - Board of Directors
Submitted By: Victor Ponto
Approved By: Elaine Jeng

CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL
ANTICIPATED LITIGATION
CALIFORNIA GOVERNMENT CODE 54956.9(d)(2) - FIVE MATTERS