

I hereby certify that the following agenda was posted at least 72 hours prior to the time of the meeting so noticed below at 24251 Los Alisos Boulevard, Lake Forest, California.



DENNIS P. CAFFERTY, Secretary  
of the El Toro Water District and  
the Board of Directors thereof



**AGENDA**  
**EL TORO WATER DISTRICT**  
**REGULAR MEETING OF THE BOARD OF DIRECTORS**  
**FINANCE AND INSURANCE COMMITTEE MEETING AND**  
**ENGINEERING COMMITTEE MEETING**

**April 21, 2025**

**7:30 a.m.**

**BOARDROOM, DISTRICT OFFICE**  
**24251 LOS ALISOS BLVD., LAKE FOREST, CA 92630**

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This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the virtual component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

Members of the public who wish to comment on any item within the jurisdiction of the District or on any item on the agenda, may attend the meeting in person at the District's office or may observe and address the Meeting by joining at this link:  
<https://us02web.zoom.us/j/83841239821> (Meeting ID: 838 4123 9821).

Members of the public who wish only to listen to the telephonic meeting may dial in at the following numbers (669) 900-6833 or (346) 248-7799 with the same Meeting ID noted above. Please be advised the Meeting is being recorded.

**CALL TO ORDER – President Gaskins**

**PLEDGE OF ALLEGIANCE – Vice President Freshley**

**ROLL CALL (Determination of a Quorum)**

**ORAL COMMUNICATIONS/PUBLIC COMMENTS**

Members of the public may address the Board at this time or they may reserve this opportunity with regard to an item on the agenda until said item is discussed by the Board. Comments on other items will be heard at the times set aside for “COMMENTS REGARDING NON-AGENDA ENGINEERING COMMITTEE ITEMS” or for “COMMENTS REGARDING NON-AGENDA FIC ITEMS.” The public may identify themselves when called on and limit their comments to three minutes.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

Determine need and take action to agendize item(s) which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present, or, if less than two-thirds of the Board members are present, a unanimous vote of those members present.)

1. **Consider Board Member’s Request for Remote Participation (AB 2449)**

2. **Presentation of Awards, Recognition, Certifications and Introductions**

a. Certificates

MWDOC’s Director Crane will present the Boy Scouts of America Partnership Certificate to the District.

**FINANCE AND INSURANCE COMMITTEE MEETING**

**CALL MEETING TO ORDER – Director Monin**

3. **Consent Calendar** (Reference Material Included)

(All matters under the Consent Calendar will be approved by one motion unless a Board member or a member of the public requests separate action or discussion on a specific item)

a. Consider approving the minutes of the March 24, 2025 Finance and Insurance Committee meeting (Minutes included).

**Recommended Action:** Staff recommend that the Board of Directors approve the above Consent Calendar.

## FINANCIAL INFORMATION ITEMS

4. **Government Finance Officers Association (GFOA) Certificate of Achievement** (Reference Material Included)

Staff will comment on the District's receipt of the Government Finance Officers Association Certificate of Achievement for Excellence in Financial Reporting for the District's annual comprehensive financial report for the fiscal year ended June 30, 2024.

5. **Financial Statements and Report** (Reference Material Included)

Staff will review and comment on the Financial Statements and Report for the month ending March 31, 2025.

6. **Fiscal Year 2025-26 Budget Process Update**

Staff will provide an update on the 2025-26 fiscal year budget schedule and process.

## FINANCIAL ACTION ITEMS

7. **Quarterly Insurance Report** (Reference Material Included)

Staff will review and comment on the Quarterly Insurance Report for the period January 1, 2025 through March 31, 2025.

**Recommended Action:** Staff recommend that the Board Receive and File the Quarterly Insurance Report for the period of January 1, 2025 through March 31, 2025.

8. **Financial Package - Authorization to Approve Payment of Bills for the Month Ending April 21, 2025**(Reference Material Included)

The Board will consider approving Bills for Consideration dated April 21, 2025

**Recommended Action:** Staff recommends that the Board approve, ratify and confirm payment of those bills as set forth in the Payment Summary for the month ending April 21, 2025.

## COMMENTS REGARDING NON-AGENDA FIC ITEMS

## CLOSE FINANCE AND INSURANCE COMMITTEE MEETING

## ENGINEERING COMMITTEE

### CALL MEETING TO ORDER – Vice President Freshley

#### 9. **Consent Calendar**

(All matters under the Consent Calendar will be approved by one motion unless a Board member or a member of the public requests separate action or discussion on a specific item)

- a. Consider approving the minutes of the March 24, 2025 Engineering Committee meeting. (Minutes Included).

**Recommended Action:** Staff recommends that the Board of Directors approve the above consent calendar.

### ENGINEERING ACTION ITEMS

#### 10. **Resolution No. 2025-4-2 2025 Orange County Water and Wastewater Multi-Jurisdiction Local Hazard Mitigation Plan (MJHMP) Update** (Reference Material Included)

Staff will review and comment on the 2025 Orange County Water and Wastewater Multi-Jurisdiction Local Hazard Mitigation Plan (MJHMP) Update.

**Recommended Action:** Staff recommends adopting Resolution No. 2025-4-2 which adopts the 2025 Orange County Water and Wastewater Multi-Jurisdiction Local Hazard Mitigation Plan (MJHMP) Update

RESOLUTION NO. 25-4-2  
RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE EL TORO WATER DISTRICT  
APPROVING AND ADOPTING THE 2025 ORANGE COUNTY WATER AND  
WASTEWATER MULTI-JURISIDICITIONAL HAZARD MITIGATION PLAN and EL  
TORO WATER DISTRICT'S ANNEX F

### ENGINEERING INFORMATION ITEMS

#### 11. **El Toro Water District Operations Report** (Reference Material Included)

Staff will review and comment on the El Toro Water District Operations Report.

#### 12. **El Toro Water District Capital Project Status Report** (Reference Material Included)

Staff will review and comment on the El Toro Water District Capital Project Status Report.



### **13. Engineering Items Discussed at Various Conferences and Meetings**

The Committee will discuss any pertinent Engineering items discussed at Conferences.

## **COMMENTS REGARDING NON-AGENDA ENGINEERING COMMITTEE ITEMS**

## **CLOSE ENGINEERING COMMITTEE MEETING**

## **ATTORNEY REPORT**

## **REGULAR SESSION REPORT**

## **ADJOURNMENT**

*The agenda material for this meeting is available to the public at the District's Administrative Office, which is located at 24251 Los Alisos Blvd., Lake Forest, Ca. 92630. If any additional material related to an open session agenda item is distributed to all or a majority of the board of directors after this agenda is posted, such material will be made available for immediate public inspection at the same location.*

### *Request for Disability-Related Modifications or Accommodations*

*If you require any disability-related accommodation, including auxiliary aids or services, in order to participate in this public meeting, please telephone the District's Recording Secretary, Marisol Melendez at (949) 837-7050, extension 225 at least forty-eight (48) hours prior to said meeting. If you prefer, your request may be submitted in writing to El Toro Water District, P.O. Box 4000, Laguna Hills, California 92654, Attention: Marisol Melendez.*

MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS  
AND THE  
FINANCE & INSURANCE COMMITTEE MEETING

March 24, 2025

At approximately 7:32 a.m. President Gaskins called the regular meeting to order.

Director McClean led the Pledge of Allegiance to the flag.

Committee Members MARK MONIN (Zoom), MIKE GASKINS, KAY HAVENS, KATHRYN FRESHLEY, and WYATT McCLEAN participated.

Also participating were DENNIS P. CAFFERTY, General Manager, GILBERT J. GRANITO, General Counsel, VISHAV SHARMA, CFO, HANNAH FORD, Director of Engineering, SCOTT HOPKINS, Operations Superintendent, MIKE MIAZGA, IT Manager (Zoom), SHERRI SEITZ, Public Affairs Manager (Zoom), VICKI TANIOUS, Senior Accountant (Zoom), VU CHU, Water Use Efficiency Analyst (Zoom), CAROL MOORE, Laguna Woods City Council Member (Zoom), JANET FORDUNSKI, City of Laguna Woods (Zoom), and MARISOL MELENDEZ, Recording Secretary.

Determination of a Quorum

Roll Call:

Director McClean	Present
Director Havens	Present
Director Monin	Present
Vice President Freshley	Present
President Gaskins	Present

Five Board members are present at the meeting and therefore a quorum has been determined.

### Oral Communications/Public Comment

Ms. Moore inquired about the monthly water sales. Mr. Cafferty stated an update would be provided later in the meeting.

### Items Too Late to be Agendized

President Gaskins asked if there were any items received too late to be agendized. Mr. Cafferty replied no.

### Finance and Insurance Committee Meeting

At approximately 7:34 a.m. Director Havens called the Finance and Insurance Committee meeting to order.

### Consent Calendar

Director Havens asked for a Motion.

Motion: President Gaskins made a motion, seconded by Vice President Freshley to approve the Consent Calendar.

### Roll Call Vote:

Director McClean	aye
Director Havens	aye
Director Monin	aye
Vice President Freshley	aye
President Gaskins	aye

### Financial Information Items

### Financial Statements and Report

Mr. Sharma noted that page 34 of the package includes the reverse cyclic program payment as a negative figure. Mr. Cafferty explained when the District receives the 1000-acre feet of water, its equivalent value will be transferred to reserves, turning the figure positive, and will be transferred to capital reserves afterwards.

Director Freshley requested that the totals under current assets be listed similar to current liabilities. Mr. Sharma confirmed the addition would be made in next month's report.

Mr. Sharma also provided an update on last month's data presented by Keith Stribling, noting that the GIC fund returned 0.78% for the quarter, with a 3.14% return for 2024, and 3.09% in 2023. He added that the available infrastructure funds include the Lazar Global Infrastructure Funds, and that Mr. Stribling is considering replacing the REIT fund with Cohen and Steers Institutional. Mr. Sharma lastly reported that staff is exploring the addition of an equal weight fund option for District employees.

#### Fiscal Year 2025-26 Budget Process Update

Mr. Cafferty reported that there will likely be a significant rate increase due to rising costs, infrastructure investments, and water costs. Additionally, Mr. Cafferty mentioned that he and Legal Counsel are discussing the process for establishing administrative remedy procedures, which will require individuals raising substantive objections to the rates do so during the rate setting process. A Board adopted ordinance will be necessary to outline the details.

Mr. Cafferty reviewed the current draft budget plan, stating that capital rates will follow the three-year Proposition 218 Notice set two years ago. Proposed increases to wastewater O&M charges remain within the limits of the Proposition 218. However, commodity rates for water and recycled water, as well as O&M charges for both, will exceed the amounts outlined in the original notice. A new Proposition 218 Notice will be required to cover these rates increases. Further discussion will occur at the next budget committee meeting, and any feedback will be incorporated for presentation at the Board Budget Workshop.

Vice President Freshley expressed concern that the proposed rate increases may be insufficient to build reserves for capital projects, given the aging infrastructure. Mr. Cafferty explained that the 2025-26 budget includes a 25% capital charge increase. Staff is working to balance the need for revenue to support system operations and investments while minimizing the impact on customer rates. He further noted that the 10-year plan accommodates necessary capital investments. Although it is too late to consider a rate higher than 25% for the 2025-26 budget, staff will reassess the rates for the following year's budget.

#### Financial Action Items

#### Financial Package - Authorization to Approve Payment of Bills for the Month Ending March 24, 2025

Director Havens asked for a Motion.

Motion: Director Monin made a motion, seconded by Vice President Freshley to approve, ratify and confirm payment of those bills as set forth in the Payment Summary for the month ending March 24, 2025.

#### Roll Call Vote:

Director McClean	aye
Director Havens	aye
Director Monin	aye
Vice President Freshley	aye
President Gaskins	aye

#### Comments Regarding Non-Agenda FIC Items

Mr. Cafferty reported that water sales and consumption in February were 26% higher compared to the same month last year. He added that, year-to-date, the District is approximately 12% higher in potable water sales and 25% higher in recycled water sales.

Adjournment

There being no further business the Finance and Insurance Committee meeting was closed at approximately 8:10 a.m.

Respectfully submitted

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MARISOL MELENDEZ  
Recording Secretary

APPROVED:

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MIKE GASKINS, President  
of the El Toro Water District and the  
Board of Directors thereof

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DENNIS P. CAFFERTY, Secretary  
of the El Toro Water District and the  
Board of Directors thereof



## STAFF REPORT

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**To:** Board of Directors **Meeting Date:** April 21, 2025

**From:** Vishav Sharma, Chief Financial Officer

**Subject:** Government Finance Officers Association Certificate of Achievement  
for Excellence in Financial Reporting

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The District recently received notice of receipt of the Government Finance Officers Association Certificate of Achievement for Excellence in Financial Reporting for the fiscal year ending June 30, 2024. The District has proudly earned this award for each of the last nine consecutive years.

The Government Finance Officers Association also awarded the District's Finance Department with an Award of Financial Reporting Achievement. A Certificate of Achievement is presented to those government units whose annual financial reports are judged to adhere to program standards and represents the highest award in government financial reporting



Government Finance Officers Association

Certificate of  
Achievement  
for Excellence  
in Financial  
Reporting

Presented to

**El Toro Water District  
California**

For its Annual Comprehensive  
Financial Report  
For the Fiscal Year Ended

June 30, 2024

*Christopher P. Morrell*

Executive Director/CEO





**The Government Finance Officers Association of  
the United States and Canada**

*presents this*

## **AWARD OF FINANCIAL REPORTING ACHIEVEMENT**

*to*

**Finance Department**  
El Toro Water District, California



*The Award of Financial Reporting Achievement is presented by the Government Finance Officers Association to the department or individual designated as instrumental in the government unit achieving a Certificate of Achievement for Excellence in Financial Reporting. A Certificate of Achievement is presented to those government units whose annual financial reports are judged to adhere to program standards and represents the highest award in government financial reporting.*

Executive Director

*Christopher P. Morrell*

Date: 4/11/2025



## STAFF REPORT

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**To: Board of Directors**

**Meeting Date: April 21, 2025**

**From: Vishav Sharma, Chief Financial Officer**

**Subject: March 2025 Financial Report and Analysis**

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Attached report provides an overview of the District's financial performance for the month of March 2025. It includes a comparison of Statement of Net Position, Statement of Revenues, Expenses, and Changes in Net Position and actual revenues and expenses analysis to the budgeted figures, as well as highlights key financial trends and variances to assist the Board in monitoring the District's financial health and performance.

### Assets

- **Current Assets:**

- The District's total Cash & Investment balance as of March 31<sup>st</sup>, 2025 is \$24,159,317. Out of this \$835 are restricted for certain debt payments. Cash & Investments decreased by \$19,749 from February to March 2025. This reflects a decrease in liquid assets available for operational needs.
- The District's current ratio for the month is 7.87. The current ratio compares all of the District's current assets to its current liabilities. This ratio measures the District's ability to pay short-term obligations or those due within one year
- Another important financial ratio or metric is Days Cash on Hand. This ratio measures the District's ability to continue to fund its operations using its available cash. As of current month, end the District has 304 days of cash in hand based on annual budged operating expenses.
- Accounts Receivable decreased by \$515,760, from \$4,741,624 in February to \$4,225,864 in March. This drop is primarily due to collections and reduced receivables.
- Water, Material and supplies inventory decreased by \$8,214 mainly due to the consumption of supplies inventories.
- Prepaid Expenses balance totaling \$247,053 saw a decrease of \$131,977. This reduction reflects adjustments in advance payments for insurance, services or goods.

The total Current Assets balance of \$30,582,755 reflect a reduction of \$675,700, it is a combined impact of the above changes.

**Non-Current Assets:**

- Construction in Progress increased by \$482,647, reflecting ongoing capital projects.
- Accumulated Depreciation expense for the month increased by \$410,111.

The Non-Current Assets category balance at the end of the month is \$110,253,702 reflecting a net increase of \$72,536 from depreciation and construction in progress.

**Liabilities****• Current Liabilities:**

- Accounts Payable & Accrued Expenses balance of \$1,024,225 increased by \$111,903. This reflects an increase in short-term obligations.
- Accrued Interest Payable saw an increase of \$173,958, reflecting monthly interest payments due on outstanding debt.

Overall, Current Liabilities increased by \$287,861, totaling \$3,884,288.

**• Non-Current Liabilities:**

- Loans Payable decreased slightly by \$44,379, bringing the total for long-term loans to \$50,441,019.

The Total Liabilities amounted to \$67,038,858, reflecting an increase of \$243,482 compared to prior month.

**Summary of Revenues**

For the month of March 2025, the District's total revenues were \$2,430,611, bringing the Year-to-Date (YTD) total to \$227,967,643. This represents 79.9% of the total budgeted revenue for the fiscal year.

**Key Revenues Categories:**

- **Commodity Supply Charges:**  
This month's revenue was \$540,358, with a YTD total of \$9,596,389 (77.8% of the budget). This category is performing slightly ahead of projections. Commodity supply charge includes recycled water revenues. This year recycled revenue has earned above 90% of the budget as of March 2025.
- **Service Charges:**  
This month's revenue was \$1,218,213, and the YTD total stands at \$111,264,636, which is 75% of the annual budget. This is in line with expectations.
- **Capital Facility Charges:**  
This month's revenue is \$413,955, bringing the YTD total to \$3,772,444 (75.3% of the budget). The District is on track with respect to capital charge collections.

- **Investment Income:**  
The District received \$99,659 this month in investment income, resulting in a YTD total of \$706,886, which is 128% of the budgeted amount. This reflects favorable market conditions.
- **Grants, Rebates, and Reimbursements:**  
This category exceeded expectations with a YTD total of \$1,384,779, which is way over the budget. This positive variance is due to over \$1 million receipt from MNWD for SOCWA plant and LRP subsidy from Metropolitan Water District for recycled water sales during the year.
- **Miscellaneous Revenue:**  
Miscellaneous revenue is \$29,418, bringing the YTD total to \$203,532, which is 56.9% of the budget. This category remains below projections, primarily due to timing.

## Summary of Expenses

Total expenses for March 2025 are \$3,276,516, bringing the Year-to-Date (YTD) total to \$24,922,320, which is 69.2% of the annual budget. There is \$11,088,822 in budgeted expenses remaining for the rest of the fiscal year.

## Key Expense Categories:

- **Salary Expenses:**  
Monthly salary-related expenses are \$562,108, resulting in a YTD total of \$5,604,880 (74.3% of the budget). Salary expenses are in line with expectations, although overtime expenses are slightly elevated. Staff is paying a close attention to the overtime cost and analyzing it every pay period.
  - **Benefit Expenses:**  
Benefit expenses for December totaled \$222,048, bringing the YTD total to \$2,215,264 (78.3% of budget). Retirement contribution and medical insurance expenses are the main drivers of this category.
  - **Water Purchased for Resale:**  
Water purchase expenses totaled \$1,204,260, with a YTD total of \$6,351,185 (64.4% of budget).
  - **Contracted/Purchased Services:**  
Total expenses for the month are \$553,479, with YTD expenses of \$4,346,063 (68.4% of budget). The District continues to manage contracts efficiently.
  - **Capital Improvement Expenses:**  
Capital improvement expenses below the capitalization policy are \$48,710, with a YTD total of \$236,453 (70.6% of budget). These expenses will level off in the future months.
  - **Other Expenses:**  
This category includes costs related to retiree health insurance, depreciation, and debt interest. YTD expenses total \$5,143,040 (69.2% of budget). Notably, depreciation is on track with expectations.
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## **Net Position**

The District's net position as of March 2025 is \$68,239,713. The change in net position this month is -\$846,646). However, the YTD change in net position is \$3,045,324, reflecting a positive financial position for the year-to-date period. The part of the positive change in Net Position this year is also contributed by approximately \$1 million the District received from MNWD for SOCWA plant capacity charge. The District is expecting similar two additional annual payments from MNWD.

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## **Conclusion**

The District's financial performance through March 2025 is generally on track. Revenues are performing as expected, with favorable variances in investment income and grants. Expenses are also in line with the budget, with salary, benefit, and commodity costs being the primary areas of focus for ongoing management. Overall, the District remains in a stable financial position, with a positive YTD change in net position.

Attachment 1

Statement of Net Position for the period ended March 2025

**El Toro Water District**  
**Interim Statement of Net Position for the Month of March, 2025**

	6/30/2024	2/28/2025 Interim	3/31/2025 Interim	Change
<b>Assets</b>				
Current Assets				
Cash & Cash Equivalents	9,598,651	17,181,937	17,391,096	209,159
Investments	13,331,929	6,996,295	6,767,386	(228,909)
Accounts Receivable	5,358,280	4,741,624	4,225,864	(515,760)
Materials & Supply Inventory	694,365	1,958,735	1,950,521	(8,214)
Prepaid Expenses	272,893	379,030	247,053	(131,977)
Restricted - Cash & Investments	2,972	833	835	2
Current Assets - Sub-total	29,259,090	31,258,455	30,582,755	(675,700)
Non-Current Assets				
Lease Receivable	168,271	168,271	168,271	-
Land & Easements	7,451,585	7,451,585	7,451,585	-
Capacity Rights	342,382	228,255	228,255	-
Capital Assets				
Water System	61,492,512	61,492,512	61,492,512	-
Wastewater System	61,524,968	61,524,968	61,524,968	-
Recycled System	55,454,389	55,454,389	55,454,389	-
Combined Assets	15,905,406	15,905,406	15,905,406	-
Construction in Progress	4,916,960	7,845,888	8,328,535	482,647
Accumulated Depreciation	(96,723,816)	(99,890,107)	(100,300,218)	(410,111)
Non-Current Assets - Sub-total	110,532,657	110,181,166	110,253,702	72,536
<b>Total Assets</b>	<b>139,791,747</b>	<b>141,439,621</b>	<b>140,836,457</b>	<b>(603,164)</b>
<b>Deferred Outflows of Resources</b>				
OPEB Deferred Outflow of Resources	2,480,241	2,480,241	2,480,241	-
<b>Liabilities</b>				
Current Liabilities				
Accounts Payable & Accrued Expenses	2,920,705	760,995	876,730	115,736
Accrued Salaries & Related Payables	169,383	151,328	147,495	(3,833)
Customer Deposits	77,741	21,550	23,550	2,000
Accrued Interest Payable	156,971	501,867	675,825	173,958
Long Term Liabilities - Due in One Year				
Compensated Absences	236,316	236,316	236,316	-
Loans Payable	1,924,372	1,924,372	1,924,372	-
Current Liabilities - Sub-total	5,485,488	3,596,427	3,884,288	287,861
Non-Current Liabilities				
Compensated Absences	1,456,918	1,456,919	1,456,919	-
Other Post-Employment Benefits Liability	11,256,633	11,256,633	11,256,633	-
Loans Payable	50,840,433	50,485,398	50,441,019	(44,379)
Non-Current Liabilities - Sub-total	63,553,984	63,198,950	63,154,570	(44,379)
<b>Total Liabilities</b>	<b>69,039,472</b>	<b>66,795,376</b>	<b>67,038,858</b>	<b>243,482</b>
<b>Deferred Inflows of Resources</b>				
Deferred Amounts from Leases	336,495	336,495	336,495	-
Deferred Amounts from OPEB	7,701,632	7,701,632	7,701,632	-
Total Deferred Inflows of Resources	8,038,127	8,038,127	8,038,127	-
<b>Net Position</b>				
Net Investment in Capital Assets	57,425,866	57,771,396	57,888,312	116,915
Restricted - Capital Projects	2,895	2,895	2,895	-
Restricted - Debt Service	-	-	-	-
Unrestricted	7,765,628	11,312,068	10,348,507	(963,561)
<b>Total Net Position</b>	<b>65,194,389</b>	<b>69,086,359</b>	<b>68,239,713</b>	<b>(846,646)</b>

Attachment 2  
Statement of Revenues, Expenses, and Changes in Net Position  
for March, 2025



**Statement of Revenues, Expenses, and Changes in Net Position for the Month of March, 2025**

	District		Water System		Wastewater System		Recycled System		Capital Improvments	
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
<b>Operating Revenues</b>										
Commodity Supply Charges	\$ 12,336,195	\$ 9,596,389	\$ 10,710,144	\$ 7,982,958	\$ -	\$ -	\$ 1,626,051	\$ 1,613,431	\$ -	\$ -
Service Provision Charges	15,020,423	11,264,636	4,870,491	3,641,367	9,684,429	7,273,040	465,503	350,228	-	-
Capital Facilities Charge	5,009,153	3,772,444	-	-	-	-	-	-	5,009,153	3,772,444
Charges for Services	125,000	4,920	125,000	4,920	-	-	-	-	-	-
Miscellaneous Operating Income	45,900	8,709	31,000	52,129	14,900	(43,420)	-	-	-	-
Grants, Rebates, Reimbursements	281,125	1,384,779	-	19,294	5,300	33,569	275,825	334,459	-	997,457
Total Operating Revenues	32,817,795	26,031,876	15,736,635	11,700,667	9,704,629	7,263,189	2,367,379	2,298,119	5,009,153	4,769,901
<b>Operating Expenses</b>										
General & Administrative	5,806,654	4,007,930	2,370,820	1,787,287	2,977,629	1,924,006	458,205	296,636	-	-
Operations & Maintenance	22,916,785	15,771,350	13,849,372	9,333,554	7,170,785	5,052,987	1,561,603	1,148,356	335,026	236,453
Operating Capital Expenses	335,026	-	-	-	-	-	-	-	335,026	-
Other Operating Expenses	350,000	286,302	140,000	114,521	182,000	148,877	28,000	22,904	-	-
Depreciation & Amortization	4,906,900	3,690,527	-	-	-	-	-	-	4,906,900	3,690,527
Total Operating Expenses	34,315,365	23,756,109	16,360,192	11,235,363	10,330,414	7,125,870	2,047,808	1,467,896	5,576,952	3,926,980
Operating Income/(Loss)	(1,497,570)	2,275,767	(623,557)	465,305	(625,785)	137,319	319,571	830,222	(567,799)	842,921
<b>Non-operating Revenues</b>										
Property Taxes	1,320,800	990,600	528,320	396,240	686,816	515,112	105,664	79,248	-	-
Investment Earnings	550,000	706,886	275,000	312,427	275,000	391,877	-	1,824	-	758
Miscellaneous Revenue	306,400	194,823	296,000	192,402	10,400	2,304	-	118	-	-
Interest Expense	(2,107,805)	(1,166,210)	-	-	-	-	-	-	(2,107,805)	(1,166,210)
Net Non-Operating Revenues	69,395	726,099	1,099,320	901,069	972,216	909,293	105,664	81,189	(2,107,805)	(1,165,453)
Income/(Loss) before Contributions & Transfers	(1,428,175)	3,001,865	475,763	1,366,374	346,431	1,046,612	425,235	911,412	(2,675,604)	(322,532)
<b>Transfers</b>										
Transfers In	1,879,100	1,409,325	-	-	-	-	-	-	1,879,100	1,409,325
Transfers Out	(1,879,100)	(1,409,325)	(881,880)	(661,410)	-	-	(997,220)	(747,915)	-	-
Net Transfers	-	-	(881,880)	(661,410)	-	-	(997,220)	(747,915)	1,879,100	1,409,325
<b>Capital Contributions</b>										
Donations & Contributions	-	43,459	-	-	-	-	-	-	-	43,459
Total Capital Contributions	-	43,459	-	-	-	-	-	-	-	43,459
Change in Net Position	(1,428,175)	3,045,324	(406,117)	704,964	346,431	1,046,612	(571,985)	163,497	(796,504)	1,130,252
Beginning Net Position	65,194,389	65,194,389								
Ending Net Position	\$ 63,766,214	\$ 68,239,713								

Attachment 3

Summary of Revenues and Expenses for the period ended March 2025

Summary of Revenues and Expenses for the Month of March, 2025

Account - Description	Month Actual	YTD Actual	2024-2025 Budgeted	Budget Remaining	% of Budget Earned/Spent
Summary of Total District Revenues					
District Totals					
Commodity Supply Charges	540,358	9,596,389	12,336,195	2,739,806	77.8%
Service Charges	1,218,213	11,264,636	15,020,423	3,755,787	75.0%
Capital Facility Charges	413,955	3,772,444	5,009,153	1,236,710	75.3%
Charges for Services	-	4,920	125,000	120,080	3.9%
Miscellaneous Revenue	29,418	203,532	357,600	154,068	56.9%
Grants, Rebates, Reimbursements	18,942	1,384,779	275,825	(1,108,954)	502.0%
Property Taxes	110,067	990,600	1,320,800	330,200	75.0%
Investment Income	99,659	706,886	550,000	(156,886)	128.5%
Donations & Capital Contributions	-	43,459	-	(43,459)	N/A
Total Revenue	2,430,611	27,967,643	34,994,995	7,027,352	79.9%
Summary of Total District Expenses					
Salary Expenses					
Directors Fees	10,731	87,162	131,400	44,238	66.3%
Exempt Salaries	127,838	1,260,340	1,344,300	83,960	93.8%
Non-exempt Salaries	388,022	3,860,624	5,375,400	1,514,776	71.8%
Other Salary Payments	-	-	218,600	218,600	0.0%
Overtime	24,505	289,350	285,000	(4,350)	101.5%
Overtime - On-call	6,720	63,840	87,300	23,460	73.1%
Stipends/Allowances	4,292	41,164	104,297	63,133	39.5%
Employee Service Awards	-	2,400	700	(1,700)	342.9%
Salary Expenses Sub-total	562,108	5,604,880	7,546,997	1,942,117	74.3%
Benefit Expenses					
Medical Insurance	95,840	940,787	1,133,800	193,013	83.0%
HSA Contributions	-	28,050	19,400	(8,650)	144.6%
Dental Insurance	8,039	79,544	85,400	5,856	93.1%
Vision Insurance	1,101	10,825	12,600	1,775	85.9%
Life Insurance	3,376	33,105	39,500	6,395	83.8%
Disability Insurance	4,189	40,921	41,300	379	99.1%
Long-term Care Insurance	739	6,530	25,800	19,270	25.3%
Workers Compensation Insurance	11,763	110,720	162,198	51,478	68.3%
State Unemployment Insurance	-	-	3,000	3,000	0.0%
401k Retirement Contributions	49,513	494,512	645,600	151,088	76.6%
401k Matching Contributions	33,344	334,736	276,200	(58,536)	121.2%
457b Matching Contributions	6,097	54,578	263,300	208,722	20.7%
Medicare Insurance	7,730	77,072	110,200	33,128	69.9%
FICA	316	3,884	9,600	5,716	40.5%
Benefit Expenses Sub-total	222,048	2,215,264	2,827,898	612,634	78.3%
Commodity Purchased for Resale					
Water Purchases - MWDOC	478,971	1,401,807	4,503,475	3,101,668	31.1%
Water Purchases - MWDOC Fixed	79,504	574,982	940,169	365,186	61.2%
Water Purchases - AMP/SAC	2,561	20,339	33,725	13,386	60.3%
Regional Water Supply Expenses	509	4,581	8,000	3,419	57.3%
Water Purchases - Baker WTP	314,472	2,043,934	3,176,250	1,132,316	64.4%
Water Purchases - Baker O&M	288,574	522,544	1,054,350	531,806	49.6%
Water Purch - Other Agencies	27,975	1,689,443	-	(1,689,443)	N/A
MWDOC Service Connect Charge	11,694	93,554	140,500	46,946	66.6%
Commodity Purchased for Resale Sub-total	1,204,260	6,351,185	9,856,469	3,505,284	64.4%

Summary of Revenues and Expenses for the Month of March, 2025

Account - Description	Month Actual	YTD Actual	2024-2025 Budgeted	Budget Remaining	% of Budget Earned/Spent
Contracted/Purchased Services					
Consultants	13,453	119,531	116,939	(2,592)	102.2%
Engineering Services	430	173	40,000	39,827	0.4%
Audit & Accounting Services	-	33,603	49,300	15,698	68.2%
Technology Consultants	11,957	31,981	32,000	19	99.9%
SOCWA Contract	98,604	660,155	1,200,000	539,845	55.0%
Contractors	15,661	188,015	312,800	124,785	60.1%
Contracted Employees	-	-	9,000	9,000	0.0%
Legal Svcs - General Counsel	8,657	75,508	90,000	14,492	83.9%
Legal Svcs - Specialty Counsel	65	10,446	26,600	16,154	39.3%
Other Legal Services	61	1,305	-	(1,305)	N/A
Employee Recruitmnt/Compliance	675	3,868	3,000	(868)	128.9%
Employee Health & Wellness	100	9,182	-	(9,182)	N/A
Employee Relations Expenses	122	6,573	2,400	(4,173)	273.9%
Professional Services	-	-	-	-	N/A
Landscaping Services	14,431	122,892	145,946	23,054	84.2%
Janitorial Contracts	10,087	41,488	45,000	3,512	92.2%
Equipment Rental	671	29,712	15,000	(14,712)	198.1%
Uniform Rental	1,757	15,081	16,700	1,619	90.3%
Laboratory Services	755	20,201	23,400	3,199	86.3%
Disposal Services	9,559	77,407	59,000	(18,407)	131.2%
Security Services	-	10,624	80,431	69,806	13.2%
Insurance	38,700	306,740	441,722	134,982	69.4%
Financial Service Fees	9,124	72,657	33,500	(39,157)	216.9%
Printing & Reproduction	305	25,409	28,750	3,341	88.4%
Advertising & Publicity Svcs	1,367	3,383	8,800	5,417	38.4%
Postage	-	4	10,400	10,396	0.0%
Public Relations/Education	875	16,705	69,000	52,295	24.2%
Water Efficiency Services	115	24,188	72,000	47,812	33.6%
Licenses & Permits	9,780	217,169	245,660	28,491	88.4%
Software Maintenance/Licenses	54,106	141,605	322,125	180,520	44.0%
Electrical Power	120,055	1,453,561	2,022,580	569,019	71.9%
Natural Gas	768	2,724	4,500	1,776	60.5%
Cable Service	338	6,823	-	(6,823)	N/A
Telecommunications	2,798	21,141	10,000	(11,141)	211.4%
Mobile Telecommunications	3,523	27,026	48,000	20,974	56.3%
Data Access	5,991	48,923	60,000	11,077	81.5%
Equipment Maintenance & Repair	8,210	175,889	175,550	(339)	100.2%
Pump Maintenance & Repair	691	10,000	49,300	39,300	20.3%
Motor Maintenance & Repair	42,910	108,293	120,400	12,107	89.9%
Electrical Maintenance/Repair	8,826	69,683	110,000	40,317	63.3%
Meter Maintenance & Repair	18,769	26,331	39,600	13,269	66.5%
Structure Maintenance & Repair	9,462	29,438	34,300	4,862	85.8%
Asphalt Maintenance & Repair	29,723	100,630	176,400	75,770	57.0%
Contracted/Purchased Services Sub-total	553,479	4,346,063	6,350,103	2,004,040	68.4%
Commodities					
Repair Parts & Materials	18,270	228,256	466,400	238,144	48.9%
Tools & Small Equipment	11,278	39,614	89,145	49,531	44.4%
Safety Equipment	3,185	6,006	22,600	16,594	26.6%
Employee Tools/Safety Equip	965	21,141	23,200	2,059	91.1%
Laboratory Tools & Small Equip	-	1,389	20,000	18,611	6.9%
Technology Tools/Small Equip	455	22,916	8,000	(14,916)	286.4%
Chemicals	35,901	320,127	314,200	(5,927)	101.9%
Laboratory Chemicals	2,096	28,412	41,000	12,588	69.3%
Gasoline & Oil	16,452	92,633	140,000	47,367	66.2%
Operating Supplies/Accessories	1,613	23,183	73,450	50,268	31.6%
Office Supplies & Accessories	352	10,029	30,700	20,671	32.7%
Technology Supplies/Components	679	11,513	32,000	20,487	36.0%
Lab Supplies & Accessories	500	10,343	20,500	10,157	50.5%
Meeting/Event Supplies & Food	5,158	19,649	36,500	16,851	53.8%
Water Use Efficiency Supplies	-	6,796	15,000	8,204	45.3%
Commodities Sub-total	96,902	842,007	1,332,695	490,688	63.2%

Summary of Revenues and Expenses for the Month of March, 2025

Account - Description	Month Actual	YTD Actual	2024-2025 Budgeted	Budget Remaining	% of Budget Earned/Spent
Professional Development					
Education & Training	4,260	46,282	79,390	33,108	58.3%
Education/Training - Directors	-	178	-	(178)	N/A
Licenses & Certifications	-	459	3,560	3,102	12.9%
Dues & Memberships	7,508	72,680	125,650	52,970	57.8%
Dues & Memberships - Directors	-	-	-	-	N/A
Meetings & Conferences	-	8,648	27,900	19,252	31.0%
Meetings/Conferences-Directors	4,905	13,029	11,000	(2,029)	118.4%
Travel Reimbursement	884	12,645	39,400	26,755	32.1%
Travel Reimbursement-Directors	(219)	14,061	35,000	20,939	40.2%
Publications & Subscriptions	-	2,699	2,550	(149)	105.9%
Professional Development Sub-total	17,338	170,682	324,450	153,768	52.6%
Miscellaneous Expenses					
Employee Appreciation Expenses	-	-	500	500	0.0%
Internal/External Event Expenses	-	10,483	4,500	(5,983)	233.0%
Election Expense	-	-	40,000	40,000	0.0%
Reimbursable Repair Expense	-	-	-	-	N/A
Property Taxes	-	2,510	5,096	2,586	49.2%
Uncollectible Accounts	-	(247)	19,500	19,747	-1.3%
NSFs & Miscellaneous Fees	-	-	100	100	0.0%
Refund Overcharges	-	-	3,104	3,104	0.0%
Damage/Repair Reimbursements	-	-	-	-	N/A
Miscellaneous Sub-total	-	12,746	72,800	60,054	17.5%
Sub Total - General and O&M Expenses	2,656,135	19,542,827	28,311,411	8,768,584	69.0%
Capital Improvement Expenses					
Water System Projects					
Supply/Storage Projects	28,378	56,756	27,618	(29,138)	205.5%
Pumping Projects	-	-	-	-	N/A
Main/Service Line Projects	-	-	122,408	122,408	0.0%
Wastewater System Projects	-	-	-	-	N/A
Pumping Projects	-	-	10,000	10,000	0.0%
Wastewater Treatment Projects	-	6,383	15,000	8,617	42.6%
Main/Service Line Projects	-	-	-	-	N/A
Recycled System Projects	-	-	-	-	N/A
Pumping Projects	-	-	-	-	N/A
Tertiary Treatment Projects	-	-	-	-	N/A
Main/Service Line Projects	-	-	-	-	N/A
General Projects	-	-	-	-	N/A
Operating Equipment Purchases	-	-	-	-	N/A
Vehicle & Related Equipment Purchases	-	-	-	-	N/A
Technoloy Projects & Purchases	2,737	82,965	40,000	(42,965)	207.4%
Building & Structure Improvements	-	9,558	-	(9,558)	N/A
General Capital Projects	17,595	80,792	120,000	39,208	67.3%
Construction in Progress	-	-	-	-	N/A
Capital Improvement Expenses Sub-total	48,710	236,453	335,026	98,573	70.6%
Other Expenses					
Retiree Health Insurance	31,981	286,302	350,000	63,698	81.8%
Depreciation	410,111	3,690,527	4,906,900	1,216,373	75.2%
Debt Interest Expense	129,579	1,166,210	2,107,805	941,594	55.3%
Other Expenses Sub-total	571,671	5,143,040	7,364,705	2,221,665	69.8%
Total Expenses	3,276,516	24,922,320	36,011,142	11,088,822	69.2%
Change in Net Position	(845,905)	3,045,324	(1,016,147)		

Attachment 4  
Check Register March 2025

**El Toro Water District  
Check Register for the Month of March 2025**

<u>Check Number</u>	<u>Vendor</u>	<u>Date</u>	<u>Amount</u>
12675	Allied Network Solutions, Inc.	03/10/2025	7,098.20
12676	AMS.NET, Inc.	03/10/2025	8,755.24
12677	Angel Z Lopez	03/10/2025	5,003.56
12678	Badger Meter	03/10/2025	12,811.11
12679	Consolidated Electrical Distributors, Inc	03/10/2025	1,319.94
12680	Don Peterson Contracting, Inc.	03/10/2025	14,281.00
12681	Dumarc Corporation	03/10/2025	25,228.57
12682	Energy Management Electric Corporation	03/10/2025	525.00
12683	Federal Express Corporation	03/10/2025	60.71
12684	Ferguson US Holdings, Inc	03/10/2025	232.74
12685	Fernando Aguilar	03/10/2025	1,680.00
12686	Fisher Scientific Company, LLC	03/10/2025	221.89
12687	FleetCrew	03/10/2025	607.63
12688	GCI Construction Inc.	03/10/2025	1,825.00
12689	Hach Company	03/10/2025	500.18
12690	Hazen and Sawyer, DPC	03/10/2025	7,995.72
12691	HEBT West Los Angeles 1, LLC	03/10/2025	1,590.00
12692	PAUL HENISEY	03/10/2025	323.29
12693	Kingmen Construction, Inc.	03/10/2025	18,689.55
12694	Mingoia's Faxworld, Inc	03/10/2025	582.66
12695	Moulton Niguel Water District	03/10/2025	3,491.68
12696	Municipal Water District of Orange County	03/10/2025	585,583.93
12697	Nieves Landscape, Inc	03/10/2025	13,209.34
12698	Onesource Distributors, LLC.	03/10/2025	2,482.24
12699	Pacific Plumbing Company of Santa Ana	03/10/2025	2,316.00
12700	Paulus Engineering, Inc	03/10/2025	2,042.73
12701	Redwine and Sherrill, LLP	03/10/2025	8,656.79
12702	Rincon Truck Center, Inc	03/10/2025	741.18
12703	Rose Paving LLC	03/10/2025	13,999.86
12704	Sims-Orange Welding Supply, Inc	03/10/2025	263.38
12705	South Coast Family Medical Center, Inc	03/10/2025	345.00
12706	Southern California News Group	03/10/2025	304.81
12707	Southern Counties Lubricants, LLC.	03/10/2025	1,521.38
12708	Steve Hancock	03/10/2025	400.00
12709	Tripepi, Smith and Associates, Inc	03/10/2025	350.00
12710	Verizon Communications Inc.	03/10/2025	5,275.86
12711	Vestis Group, Inc.	03/10/2025	664.42
12712	Vigilant LLC	03/10/2025	1,897.00
12713	W.W. Grainger, Inc	03/10/2025	16.01
12714	West Coast Safety Supply, Inc	03/10/2025	1,906.32
12715	Yo Fire	03/10/2025	6,639.23
12716	First National Bank of Omaha	03/10/2025	2,279.96
12717	American Family Life Assurance Company of Columbus	03/14/2025	1,392.40
12718	Aquatic Informatics, Inc.	03/14/2025	2,886.02
12719	Arakelian Enterprises, Inc.	03/14/2025	3,871.40
12720	Aramark Services, Inc	03/14/2025	807.45
12721	Best Best & Krieger, LLP	03/14/2025	65.40
12722	Carollo Engineers, Inc	03/14/2025	176,275.50
12723	Construction Supply Holdings II, LLC	03/14/2025	1,387.99
12724	County of Orange - OC Waste & Recycling	03/14/2025	620.14
12725	Crane Safety Consultants LLC	03/14/2025	3,000.00
12726	Hach Company	03/14/2025	582.07
12727	Hill Brothers Chemical Co	03/14/2025	9,785.58

<b><u>Check Number</u></b>	<b><u>Vendor</u></b>	<b><u>Date</u></b>	<b><u>Amount</u></b>
12728	Irvine Ranch Water District	03/14/2025	84,040.47
12729	Kathryn Freshley	03/14/2025	27.88
12730	Life Insurance Company of North America	03/14/2025	166.65
12731	MCR Technologies, Inc	03/14/2025	4,703.29
12732	Michael Gaskins	03/14/2025	35.28
12733	Norman Industrial Materials, Inc.	03/14/2025	1,867.58
12734	Orange County Fire Authority	03/14/2025	1,280.00
12735	Plumbers Depot Inc	03/14/2025	2,681.31
12736	RapidScale, Inc	03/14/2025	2,017.62
12737	Reata Roofing Services	03/14/2025	1,545.00
12738	Richard Brady & Associates, Inc	03/14/2025	19,087.50
12739	Rod's Tree Service Inc	03/14/2025	900.00
12740	Santa Margarita Ford	03/14/2025	1,620.87
12741	Santiago Aqueduct Commission	03/14/2025	1,518.67
12742	SC Commercial LLC	03/14/2025	16,451.67
12743	South Coast Water District	03/14/2025	787.01
12744	Southern California News Group	03/14/2025	1,367.43
12745	TerraVerde Energy LLC	03/14/2025	12,755.25
12746	Underground Service Alert of SO CA	03/14/2025	145.05
12747	United Industries, LLC	03/14/2025	112.98
12748	UNUM Life Insurance - EAP	03/14/2025	100.06
12749	UNUM Life Insurance - LTC	03/14/2025	847.39
12750	Vestis Group, Inc.	03/14/2025	285.82
12751	W.W. Grainger, Inc	03/14/2025	90.76
12752	Waste Management, Inc of California	03/14/2025	4,456.72
12753	ACWA JPIA	03/18/2025	147,682.89
12754	Applied Industrial Technologies - CA, LLC	03/18/2025	279.88
12755	AT&T Corp	03/18/2025	251.45
12756	Automated Gate Services, Inc	03/18/2025	5,190.00
12757	Employee Relations, Inc	03/18/2025	77.77
12758	Ferguson US Holdings, Inc	03/18/2025	3,040.72
12759	Fisher Scientific Company, LLC	03/18/2025	934.98
12760	FleetCrew	03/18/2025	782.63
12761	Hach Company	03/18/2025	86.63
12762	Harrington Industrial Plastics, LLC	03/18/2025	663.63
12763	Hoffmeyer Company, Inc.	03/18/2025	209.89
12764	McMaster-Carr Supply Company	03/18/2025	116.75
12765	Norman Industrial Materials, Inc.	03/18/2025	286.78
12766	Onesource Distributors, LLC.	03/18/2025	558.12
12767	RockSpark Inc	03/18/2025	8,238.75
12768	Southern California Edison Company	03/18/2025	139,055.51
12769	USA Blue Book	03/18/2025	1,002.29
12770	Vestis Group, Inc.	03/18/2025	219.80
12771	Wienhoff & Associates, Inc	03/18/2025	10.00
12772	ACWA JPIA	03/20/2025	148,645.45
12773	AMS.NET, Inc.	03/20/2025	816.27
12774	Citibank N.A.	03/20/2025	5,523.51
12775	ClientFirst Consulting Group LLC	03/20/2025	647.50
12776	Cox Communications Inc	03/20/2025	1,710.86
12777	CR&R Incorporated	03/20/2025	611.15
12778	Crane Safety Consultants LLC	03/20/2025	420.00
12779	Delta Motor Co. Inc	03/20/2025	2,929.25
12780	DMJ and Associates	03/20/2025	180.24
12781	Eversoft Inc	03/20/2025	396.22
12782	Fisher Scientific Company, LLC	03/20/2025	124.63
12783	Infosend, Inc	03/20/2025	1,505.08



<u>Check Number</u>	<u>Vendor</u>	<u>Date</u>	<u>Amount</u>
12784	Jeff Webster	03/20/2025	132.80
12785	YIYING LI	03/20/2025	204.41
12786	Moulton Niguel Water District	03/20/2025	22,482.40
12787	Raftelis Financial Consultants, Inc	03/20/2025	5,033.75
12788	Sidepath, Inc	03/20/2025	14,693.76
12789	Sierra Analytical Labs, Inc	03/20/2025	755.00
12790	Sims-Orange Welding Supply, Inc	03/20/2025	84.24
12791	Southern California Gas Company	03/20/2025	767.60
12792	TerraVerde Energy LLC	03/20/2025	3,945.64
12793	The Lincoln National Life Insurance Company	03/20/2025	7,564.98
12794	Wand Newco 3, Inc	03/20/2025	4,160.12
12795	Western A/V	03/20/2025	2,089.18
12530	U.S. Bank National Association	03/25/2025	12,624.47
12796	Angel Z Lopez	03/26/2025	5,003.56
12797	ATS Communications	03/26/2025	4,508.75
12798	Carollo Engineers, Inc	03/26/2025	6,782.87
12799	CC Property Investments, LLC	03/26/2025	1,008.87
12800	Cox Communications Inc	03/26/2025	1,022.75
12801	CWE	03/26/2025	10,948.00
12802	Ignatius Holdings, Inc	03/26/2025	239.18
12803	Irvine Ranch Water District	03/26/2025	316,951.86
12804	Kingmen Construction, Inc.	03/26/2025	8,546.20
12805	Miles Chemicals Company, Inc.	03/26/2025	10,875.60
12806	Moulton Niguel Water District	03/26/2025	79.65
12807	Rincon Consultants, Inc.	03/26/2025	3,915.50
12808	Steve Wingen	03/26/2025	60.00
12809	United Industries, LLC	03/26/2025	331.54
12810	Vestis Group, Inc.	03/26/2025	379.32
12531	Brax Company, Inc	03/27/2025	161,371.67
12532	DG Investment Intermediate Holdings 2 Inc	03/27/2025	30,756.19
12533	Nobel Systems, Inc.	03/27/2025	50,920.00
12534	Tetra Tech, Inc	03/27/2025	6,127.03

Total Checks issued from Genral and Payroll Accounts:

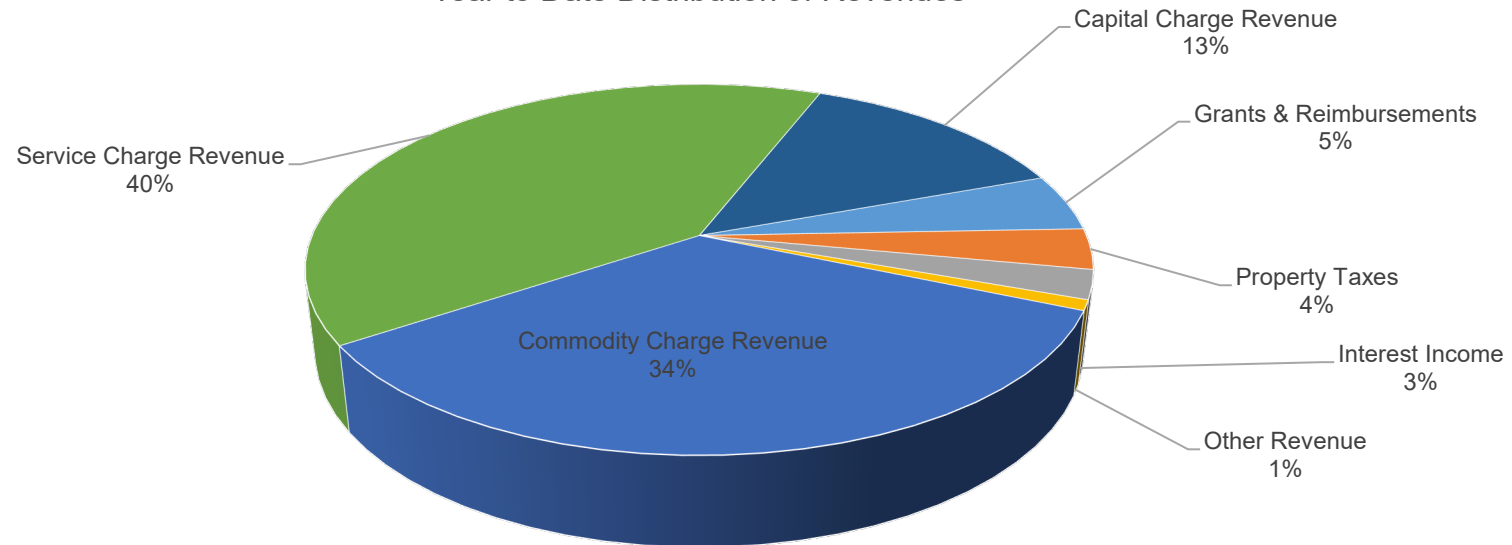
2,289,850.84

Attachment 5

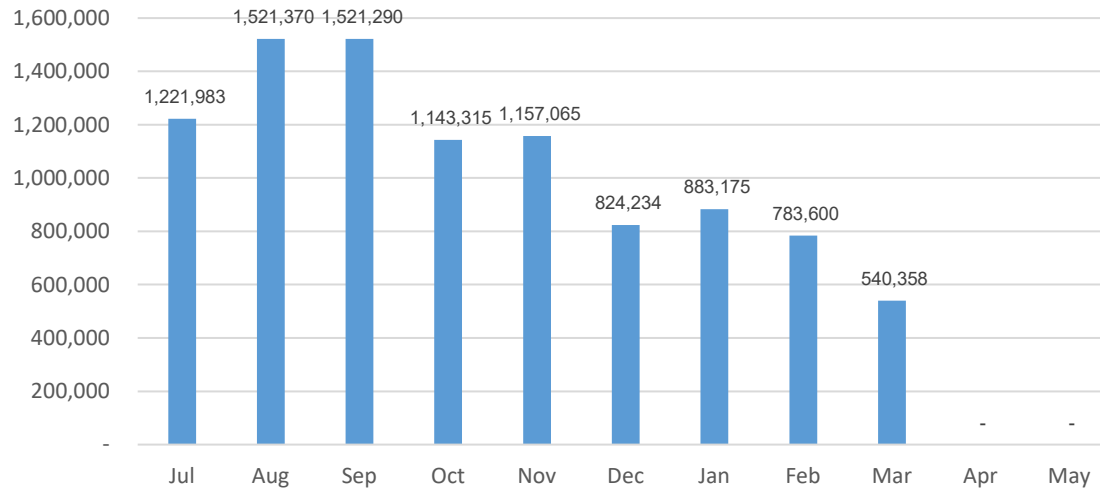
Revenue and Expense Charts for March 2025

## Revenue Charts - March Financial Report

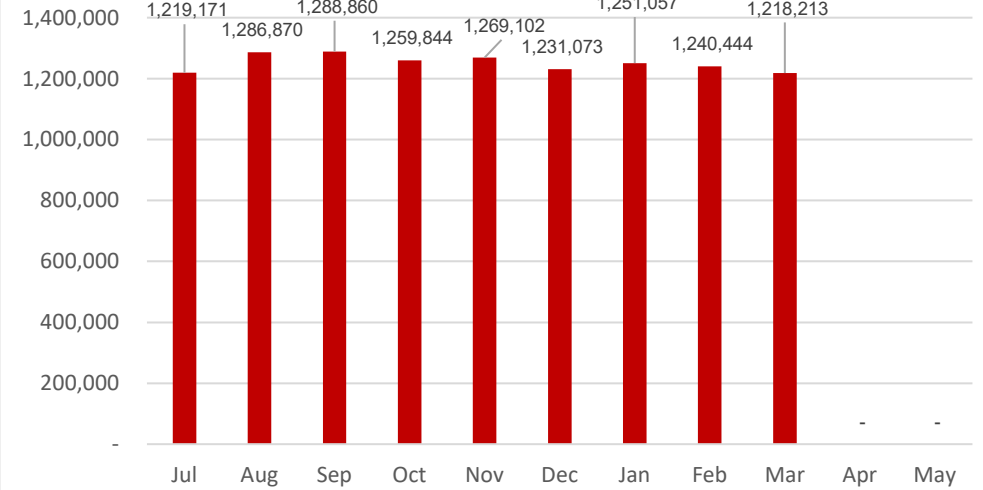
### Year to Date Distribution of Revenues



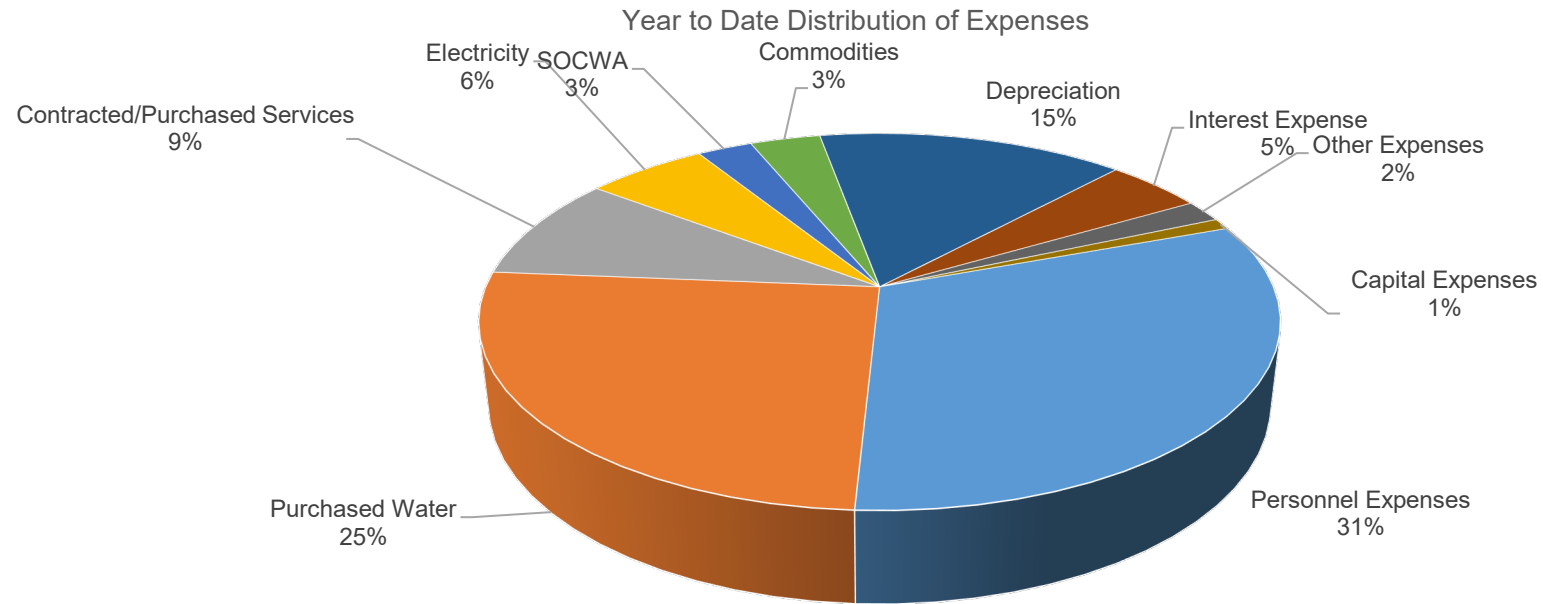
### Commodity Charge Revenue by Month



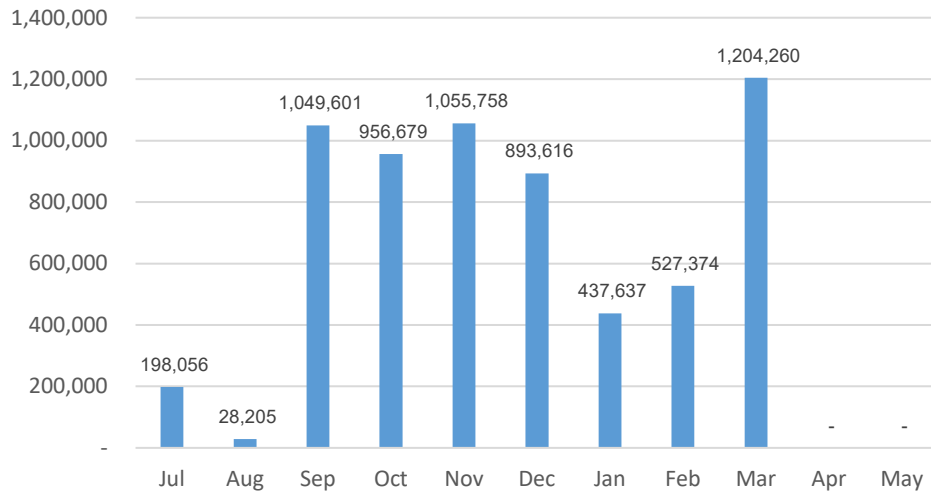
### Service Charge Revenue by Month



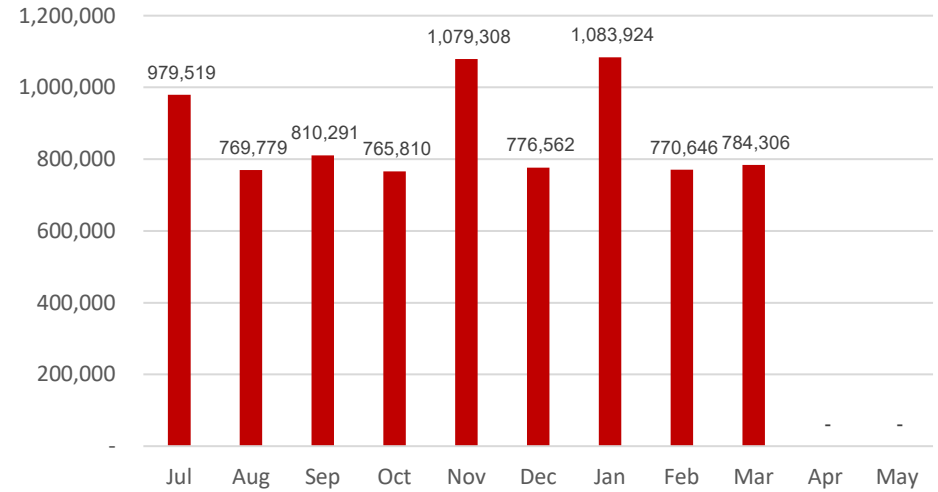
## Expense Chart -March Financial Report



### Purchased Water Expenses by Month



### Personnel Costs by Month



Attachment 6

Summary of Cash & Investments at the end of March 2025

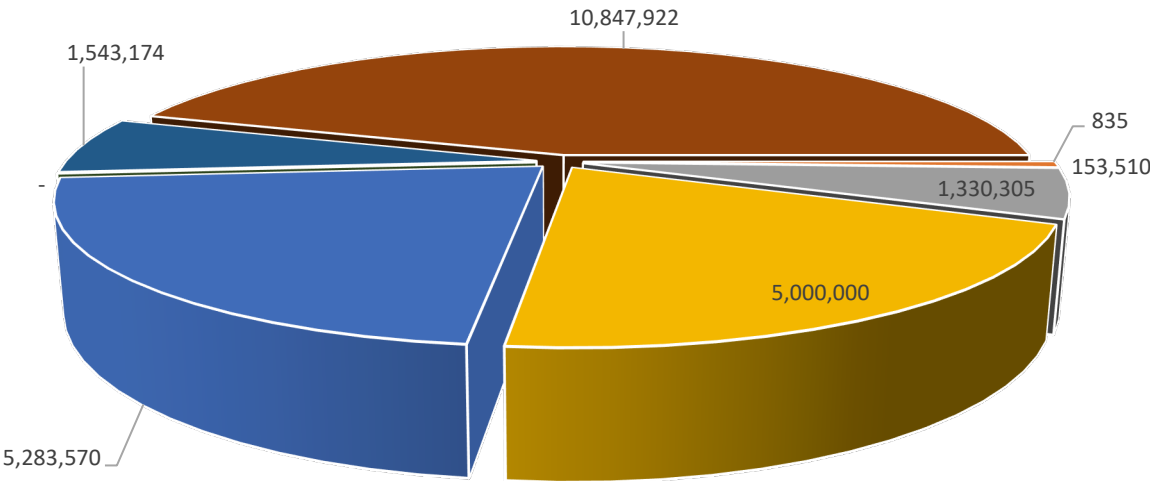
Summary of Cash & Investments

as of March 31, 2025

Summary of Cash & Investments

Cash & Equivalents	
Unrestricted - Cash & Equivalents	10,847,922
Unrestricted - Cash & Equivalents USB	1,543,174
Restricted - Cash & Equivalents	-
Investments	
Government Securities	5,283,570
Certificates of Deposit	5,000,000
Corporates Bonds/Notes	1,330,305
Asset Backed Securities	153,510
2022 Bond Money Market	835
Total Cash & Investments	24,159,317
Operating Cash & Investments	24,158,482
2022 Bond Proceeds Cash & Investments	835
Restricted - Cash & Equivalents	-

Summary of Cash & Investments



Cash & Equivalents

	Account Balance	Current Yield
Cash & Equivalents		
Demand Deposit Accounts		
US Bank - Checking Account	1,543,174	
US - Capital Facilities Checking	-	
US Bank - 2022 Bond Proceeds/Interest/Principal	835	
Petty Cash	700	
Money Market Accounts		
US Bank - Money Market Account		
CAMP Money Market	5,930,973	
LAIF Money Market	4,916,249	
Total Cash & Equivalents	12,391,931	

Investments

	Purchase Cost	Par Amount	Premium/ (Discount)	Market Value	Unrealized Gain/(Loss)	Coupon Rate	Yield to Maturity	Purchase Date	Maturity Date
Governmental Securities									
United States Treasury Bond									
US Treasury N/B - AA+	149,566	150,000	(434)	149,719	152	2.750%	2.85%	6/1/2022	5/15/2025
US Treasury N/B - AA+	1,045,201	1,050,000	(4,799)	1,055,250	10,049	4.625%	4.90%	6/12/2024	3/15/2026
US Treasury N/B - AA+	1,026,744	1,050,000	(23,256)	1,045,202	18,457	3.625%	4.84%	6/12/2024	5/15/2026
US Treasury N/B - AA+	466,543	500,000	(33,457)	489,219	22,676	2.125%	4.20%	11/30/2022	5/31/2026
US Treasury N/B - AA+	464,531	500,000	(35,469)	484,844	20,313	2.250%	4.10%	11/30/2022	2/15/2027
US Treasury N/B - AA+	480,273	500,000	(19,727)	493,028	12,754	3.250%	4.25%	2/22/2023	6/30/2027
US Treasury N/B - AA+	502,500	500,000	2,500	502,617	117	4.125%	4.01%	11/30/2022	9/30/2027
US Treasury N/B - AA+	497,930	500,000	(2,070)	502,617	4,687	4.125%	4.22%	2/22/2023	9/30/2027
US Treasury N/B - AA+	485,332	500,000	(14,668)	494,434	9,101	3.500%	4.16%	2/22/2023	1/31/2028
United States Treasury Bond - Totals	5,118,621	5,250,000	(131,379)	5,216,928	98,307				

Investments (Continue)									
	Purchase Cost	Par Amount	Premium/ (Discount)	Market Value	Unrealized Gain/(Loss)	Coupon Rate	Yield to Maturity	Purchase Date	Maturity Date
Supra-National Agency Bond / Note									
Supra-National Agency Bond / Note Totals	-	-	-	-	-				
Municipal Bond / Note									
Municipal Bond / Note Totals	-	-	-	-	-				
Federal Agency Commercial Mortgage-Backed Security									
FHMS K047 - AA+	67,280	66,852	428	66,642	(638)	3.329%	3.11%	5/19/2022	5/1/2025
Federal Mortgage-Backed Security Totals	67,280	66,852	428	66,642	(638)				
Governmental Securities - Total Balances	5,185,902	5,316,852	(130,951)	5,283,570	97,669				
Corporate Notes									
Burlington North Santa Fe Corp Note Call	21,533	20,000	1,533	20,000	(1,533)	3.000%	1.07%	3/5/2021	4/1/2025
Amazon.com Inc Corp Notes	74,881	75,000	(119)	74,960	80	3.000%	3.06%	4/11/2022	4/13/2025
Home Depot Inc Corp Note	4,991	5,000	(9)	4,996	5	2.700%	2.76%	3/24/2022	4/15/2025
Target Corp Note	30,015	30,000	15	29,969	(45)	2.250%	2.23%	3/8/2022	4/15/2025
Bank of NY Mellon Corp Note	46,148	45,000	1,148	44,915	(1,233)	1.600%	0.97%	3/10/2021	4/24/2025
Bank of NY Mellon Corp Note	19,997	20,000	(3)	19,978	(19)	3.350%	3.36%	4/19/2022	4/25/2025
Pepsico Inc Corp Note Call	21,400	20,000	1,400	19,971	(1,429)	2.750%	1.02%	3/5/2021	4/30/2025
Truist Financial Corp Call	36,373	35,000	1,373	34,979	(1,394)	4.000%	2.69%	3/8/2022	5/1/2025
Charles Schwab Corp Note	40,616	40,000	616	39,957	(659)	3.850%	3.30%	6/1/2022	5/21/2025
Honeywell Intl Corp Note	20,360	20,000	360	19,884	(476)	1.350%	0.91%	3/5/2021	6/1/2025
National Rural Util Coop Corp Note	9,997	10,000	(3)	9,973	(24)	3.450%	3.46%	5/4/2022	6/15/2025
Intel Corp Notes	35,821	35,000	821	34,858	(963)	3.700%	2.95%	4/4/2022	7/29/2025
Morgan Stanley Corp Notes	126,939	130,000	(3,062)	129,326	2,388	3.875%	5.41%	6/12/2024	1/27/2026
Goldman Sachs Group Inc Corp Note Call	126,585	130,000	(3,415)	129,240	2,655	3.750%	5.38%	6/12/2024	2/25/2026
Caterpillar Finl Service Corp Notes	99,911	100,000	(89)	100,585	674	5.050%	5.11%	6/11/2024	2/27/2026
United Healthcare Group Inc Corp Notes	125,597	130,000	(4,403)	128,491	2,894	3.100%	5.14%	6/12/2024	3/15/2026
JPMorgan Chase & Co (Callable)	145,148	150,000	(4,853)	148,394	3,246	3.300%	5.20%	6/12/2024	4/1/2026
Bank of America Corp Notes	125,806	130,000	(4,194)	128,741	2,934	3.500%	5.35%	6/12/2024	4/19/2026
JPMorgan Chase & Co (Callable)	80,000	80,000	-	79,936	(64)	4.080%	4.08%	4/19/2022	4/26/2026
Toyota Motor Credit Corp Notes	130,074	130,000	74	131,150	1,076	5.200%	5.17%	6/12/2024	5/15/2026
Corporate Bonds - Total Balances	1,322,191	1,335,000	(12,809)	1,330,305	8,115				

Investments (continued)									
	Purchase Cost	Par Amount	Premium/ (Discount)	Market Value	Unrealized Gain/(Loss)	Coupon Rate	Yield to Maturity	Purchase Date	Maturity Date
Asset Backed Securities									
Harot 2021 - Aaa	1,279	1,279	(0)	1,275	(4)	0.880%	0.89%	11/16/2021	1/21/2026
TAOT 2021 - AAA	1,721	1,721	(0)	1,716	(5)	0.710%	0.71%	11/9/2021	4/15/2026
Harot 2022 - AAA	8,263	8,264	(1)	8,220	(43)	1.880%	1.88%	2/15/2022	5/15/2026
FordO 2022 - AAA	2,305	2,305	(0)	2,297	(7)	1.290%	1.29%	1/19/2022	6/15/2026
BMWOT 2021 - AAA	5,015	5,015	(0)	4,999	(16)	3.210%	3.21%	5/10/2022	8/25/2026
COPAR 2021 - AAA	2,669	2,669	(0)	2,655	(15)	0.770%	0.77%	10/19/2021	9/15/2026
FordO 2022 - Aaa	5,537	5,537	(0)	5,529	(9)	3.740%	3.74%	6/22/2022	9/15/2026
TAOT 2022 - AAA	8,154	8,154	(0)	8,118	(36)	2.930%	2.93%	4/7/2022	9/15/2026
GMCar 2021 - AAA	2,578	2,578	(0)	2,564	(13)	0.680%	0.68%	10/13/2021	9/16/2026
Hart 2022 - AAA	10,527	10,528	(0)	10,482	(46)	2.220%	2.22%	3/9/2022	10/15/2026
Allya 2022 - AAA	12,989	12,992	(3)	12,951	(38)	3.310%	3.31%	5/10/2022	11/15/2026
GMCar 2022 - AAA	2,938	2,938	(0)	2,922	(15)	1.260%	1.26%	1/11/2022	11/16/2026
HDMOT 2022 - AAA	6,505	6,506	(1)	6,482	(23)	3.060%	3.06%	4/12/2022	2/15/2027
GMCar 2022 - AAA	8,215	8,216	(2)	8,174	(41)	3.100%	3.10%	4/5/2022	2/16/2027
Carmx 2022 - AAA	10,247	10,249	(2)	10,212	(35)	3.490%	3.49%	4/21/2028	2/16/2027
Comet 2022 - AAA	64,990	65,000	(10)	64,914	(76)	3.490%	3.49%	6/6/2022	5/15/2027
Corporate Bonds - Total Balances	153,932	153,952	(21)	153,510	(421)				



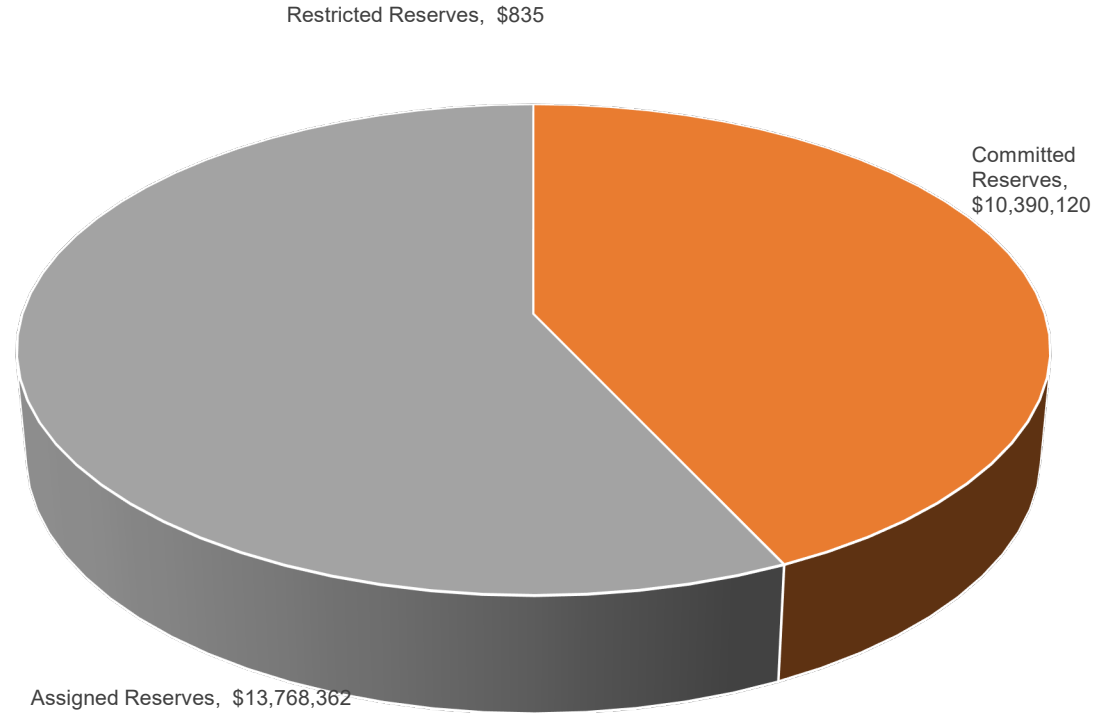
Attachment 7

Cash Reserve Balances for March 2025

**El Toro Water District  
Preliminary Cash Reserve Status Report  
as of March 31, 2025**

	Cash Reserve Balances	Reserve Targets
<b>Reconciled Cash Balance</b>	<b>\$ 24,159,317</b>	
<b>Restricted Reserves</b>		
2022 Revenue Bonds Fund	835	-
Capital Facilities Charge Reserve	-	-
<b>Sub Total Restricted Reserve</b>	<b>835</b>	<b>-</b>
<b>Committed Reserves</b>		
Capital Construction Reserve	3,000,000	3,000,000
Rate Stabilization Reserve	2,100,000	2,100,000
Operational Continuity Reserve	2,100,000	2,100,000
Working Capital Reserve (1)	3,190,120	2,100,000
<b>Sub Total Committed Reserves</b>	<b>10,390,120</b>	<b>9,300,000</b>
<b>Assigned Reserves</b>		
<b>CIP Reserves</b>		
Capital Carryover	3,358,966	-
Accumulated Capital Reserve	1,046,914	-
CIP - Revenue Bond Unrestricted Reserve	6,337,354	-
SOCWA Capital Projects	3,627,694	-
Recycled Water Capital / Debt Service	164,666	-
Capital Plan Working Capital Reserve	1,867,995	-
<b>Sub Total CIP Reserves</b>	<b>16,403,589</b>	<b>-</b>
<b>Water Supply Program Reserves</b>		
Tiered Conservation Fund	(1,807,962)	-
<b>Reverse Cyclic Water Purchase Program</b>	<b>(1,256,000)</b>	
<b>Debt Service Reserves</b>		
Baker Debt Service	428,735	-
<b>Sub Total Assigned Reserves</b>	<b>13,768,362</b>	
<b>Total Cash Reserves</b>	<b>24,159,317</b>	
<b>Adjusted Cash Reserves<sup>(2)</sup></b>	<b>24,158,482</b>	<b>9,300,000</b>

Distribution of Reserve Balances



(1) Working Capital reserve amount is net of outstanding checks

(2) The Adjusted Cash Reserves excludes Capital Facilities Charge Reserve and 2022 Revenue Bond fund which are obligated to the projects identified in the 2022 Bond Official Statement and are therefore not available for Operations & Maintenance activities or the annual Capital Improvement Program.

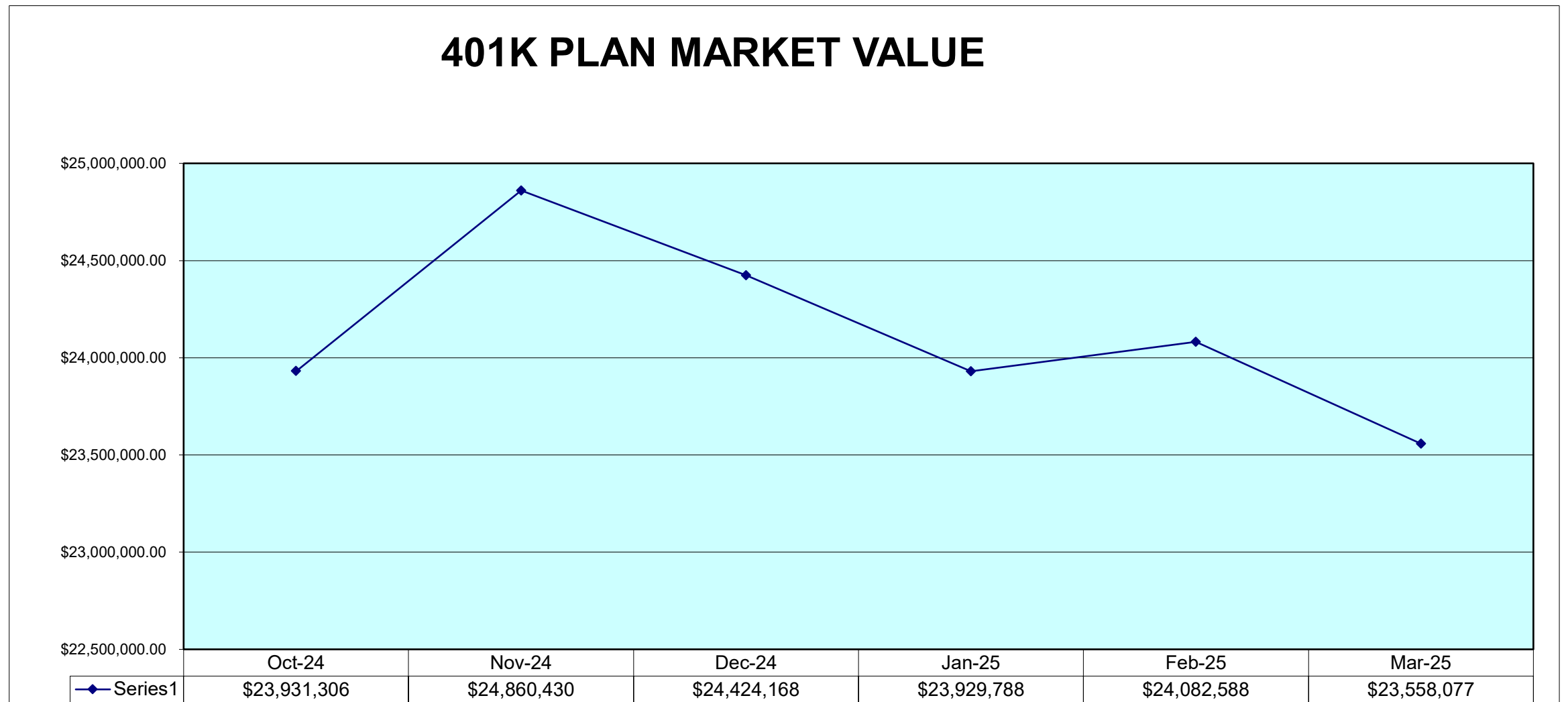
Attachment 8

Capital Project Expense Report through March 2025

2024-2025 Capital Program Budget Information																		
					2024 - 2025 Expenses													
PM Task Code	Project Description	Funding Source	Account	Total Budget	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD Total	
CAP-0024	P-4 Pump Replacement	Carryover	40-000-15010	59,000.00		36,544.73		36,229.86								-	72,774.59	
CAP-0050	Water PLC Upgrade	Carryover	40-000-15040	25,000.00													-	
CAP-0051	Sewer PLC Upgrade	Carryover	40-000-15040	25,000.00													-	
CAP-0052	Water Station HMI Rplmnt	FY 24/25 CIP	40-720-66120	10,000.00													-	
CAP-0053	Sewer Station HMI Rplmn	FY 24/25 CIP	40-750-66230	10,000.00													-	
CAP-0065	R-6 Outlet flow meter backu	FY 24/25 CIP	40-720-66120	9,000.00													-	
CAP-0066	New Handheld Meter Reader	FY 24/25	40-720-66120	14,500.00													-	
CAP-0067	Influent Pump Station Isolation Gate Actuator Replacement	FY 24/25 CIP	40-750-66230	15,000.00													-	
CAP-0068	System-Wide Security Access Panel Replacement	FY 24/25 CIP	40-000-15040	49,000.00							7,205.37						7,205.37	
CAP-0069	Remittance Processing Equipment Updat	FY 24/25 CIP	40-000-15040	20,000.00													-	
CAP-0070	Documentum Replacement / Corporate Intranet Developme	FY 24/25 CIP	40-000-15040	61,000.00													-	
CAP-0071	Water Distribution and Sewer Collection System SCADA Up	FY 24/25 CIP	40-000-15040	20,000.00													-	
CAP-0072	WRP Historian Configuration to Hach WIMS	FY 24/25 CIP	40-750-66230	30,000.00													-	
CAP-0073	Warehouse Office HVAC	FY 24/25 CIP	40-830-66120	-			9,558.00										9,558.00	
GEN-0112	New Warehouse	Revenue Bond	40-000-15040	-		3,486.38		35,151.53		270,499.15	(32,001.94)	28,148.08	57,312.58				362,595.78	
GEN-0119	Main Office Warehouse Improvement	Revenue Bond	40-000-15040	-		43,225.18	14,918.79			8,140.79	54,903.76		19,087.50				92,197.83	
GEN-0514	CalTrans I-5 Widening	Accumulated Capita	40-000-15040	-													7,355.73	
RCE-0010	JRWSS Capital Budget	FY 24/25 CIP	40-000-15010	18,618.00													952.47	
RCE-0011	Baker WTP Replacement Func	FY 23/24 CIP	40-000-15010	56,200.00	(14,040.25)			14,040.25					169.53				56,756.26	
RCE-0015	SOCWA Capital Expenses	FY 24/25 CIP	40-000-15020	269,944.00		72,680.00				16,615.84							89,295.84	
RES-0015	R-4 Exterior Recoating	FY 23/24 CIP	40-000-15010	-													-	
RES-0016	Moulton/EI Toro Cathodic Protection Repa	FY 24/25, Carryover	40-000-15010	177,465.00			11,960.00	6,440.00	1,000.00		14,785.00						34,185.00	
RES-0017	SRV-2 Lid Repair	Carryover	40-000-15010	33,000.00						7,569.00	28,931.00						36,500.00	
RES-0018	R-6 Security Improvements	Carryover	40-000-15010	10,048.76						49,044.44	22,015.81						71,060.25	
RES-0019	R-4 Reservoir RMS Mixer Replacemen	FY 24/25 CIP	40-000-15010	70,000.00													-	
RES-0020	R-6 Reservoir SCE Meter Box Replacement at Seepage an	Accumulated Capita	40-000-15010	-													-	
RES-0021	R-6 Reservoir Southern Slope Stabilizatio	Accumulated Capita	40-000-15010	-													-	
RES-0047	R-6 Reservoir Cover (CIP23)	Revenue Bond	40-000-15040/CIP23	-		11,537.00											11,537.00	
SLS-0115	Aliso Creek Pump Rehab 932-11f	Carryover	40-000-15020	600,000.00		866.25				68,765.25	183,287.63	35,651.72	11,806.90	10,837.53			311,215.28	
SLS-0119	Northline Coating Impr Projec	Carryover	40-000-15020	35,547.41				33,345.64									33,345.64	
SLS-0120	Freeway Electrical Equip Rep	FY 24/25, Carryover, Accum Cap	40-000-15020	263,362.00													-	
SLS-0121	Westline Main Switchboard Replacement	FY 24/25 CIP	40-000-15020	37,250.00													-	
SLS-0122	Westline Generator Unit 213 Replacement	FY 24/25 CIP	40-000-15020	267,000.00													-	
SPS-0050	Asset Management Study 31-05f	FY 24/25 CIP and Accumulated Capita	40-840-55110	100,000.00					21,429.24	162.14							21,591.38	
SPS-0051	IT Master Plan	Carryover	40-820-55100	58,937.80			13,748.75		5,185.00	2,817.50	4,047.50	1,508.75	647.50				72,955.00	
SPS-0053	System Arc Flash Coord Study	Accumulated and Carryover	40-840-55110	45,537.42			15,010.00	12,085.00	14,510.00	5,291.70							46,896.70	
SPS-0054	Lead Copper Rule Revisor	FY 24/25 CIP	40-000-15010	97,908.00		64,595.50				21,633.50							86,229.00	
SPS-0055	Orange County Cross Connection Policy Handboo	FY 24/25 CIP	40-710-55100	20,000.00													-	
SPS-0056	Website Redesign, Hosting, and Maintenance Service	Accumulated Capita	40-820-55100	-								14,400.00					14,400.00	
SPS-0057	South Orange county Turnout projec	FY 24/25 CIP	40-000-15010	75,000.00													-	
SPS-0060	Energy Consulting Services	Accumulated Capita	40-840-55110	-								894.38	16,700.89				17,595.27	
TBD	Regional Potable reuse facility stud	Grant	40-710-55100	454,000.00													-	
TBD	Contingency	FY 24/25 CIP	TBD	122,092.00													-	
TCP-0006	23-24 Security System Imprmnts	Carryover	40-000-15040	50,000.00					39,920.75								39,920.75	
TCP-0008	EOC Technology Upgrade	Carryover	40-820-66120	66,000.00			10,165.75			8,368.00		3,490.16					22,023.91	
VEH-0010	Vehicle Purchases	FY 24/25, Carryover	40-000-15040	195,462.80													-	
VEH-0012	Hydro Excavator Rehabilitation	FY 24/25 CIP	40-000-15040	40,000.00													-	
VEH-0013	F-550 with Valve Maintenance Skic	FY 24/25 CIP	40-000-15040	206,000.00							91,694.62		95,247.09				186,941.71	
WPS-0095	P-3 Pump Station Rehat	Grant	40-000-15010	-													-	
WPS-0098	Cherry Booster Station Pump & Motor Replacemer	FY 24/25 CIP	40-000-15010	167,000.00												161,371.67	161,371.67	
WPS-0099	P-1 Battery Project	Accumulated Capita	40-000-15010	-													-	
WRP-0131	Grit Chamber Rehab 933-13f	Accumulated Capita	40-000-15020	1,046,502.36		14,376.28	182,712.51	424,209.64	97,073.65	117,097.26	19,881.15	2,202.11	35,452.08				893,004.68	
WRP-0135	WRP Main Electrical Power Breaker Upgrade	Carryover	40-000-15020	-				77,107.80									77,107.80	
WRP-0137	Tertiary Disinfection Optimization Stud	Recycle Capital Projects	40-000-15030	132,000.00			2,952.50	85.00									3,037.50	
WRP-0138	Ammonia Analyzer	Accumulated Capita	40-000-15020	-									1,319.94				1,319.94	
WRP-0142	Headworks and Secondary Clarifier No. 1 Rehabilitatio	Revenue Bond	40-000-15020	1,974,000.00			90,044.64	59,090.11	5,566.00	27,024.75	195,180.02		175,300.50				552,206.02	
WRP-0143	New Turbo Blower	FY 24/25 CIP	40-000-15020	631,000.00						18,430.01							18,430.01	
WRP-0144	OOPS MCC and Valve Rehabilitation Project	FY 24/25 CIP	40-000-15020	191,000.00						7,725.68		1,619.40					9,345.08	
WRP-0145	Additional Tertiary Filter Disk	Recycle Capital Projects	40-000-15030	92,000.00													-	
WRP-0146	WRP Unit 290 Radiator Replacement	FY 24/25 CIP	40-000-15020	150,000.00				139,487.15									139,487.15	
WRP-0147	DAF No 1 MCC Replacement	CIP and Accumulated Capita	40-000-15020	149,000.00													-	
WRP-0148	WRP Zoom Room	Accumulated Capita	40-820-66120	-			8,410.50			8,086.00					2,089.18		18,585.68	
WRP-0149	ETM Trail Bridge Mitigation Projec	Grant	40-000-15020	-											7,995.72		7,995.72	
WRP-0150	IPS Check Valve Replacement	Accumulated Capita	40-000-15020	-													-	
WRP-0151	Secondary Clarifier No. 3 and 4 Drive Replacement	Accumulated Capita	40-000-15020	-									14,281.00				14,281.00	
WRP-0152	OOPS Motor Rehabilitation	Accumulated Capita	40-000-15020	-													-	
WRP-0153	RAS Pump and Motor Replacement	FY 24/25 CIP	40-000-15020	24,800.00													-	
WRP-0154	OOPS Battery Project	Accumulated Capita	40-000-15020	-													-	
Gross project cost				8,249,375.55	(14,040.25)	247,311.32	406,867.33	789,886.09	405,365.21	728,637.37	301,271.98	157,867.00	533,094.96	0.00	0.00	0.00	3,556,261.01	
Bond CIP Unrestricted Funds				2,392,543.36	-	145,304.84	287,675.94	518,451.28	71,177.30	422,761.95	237,962.99	30,350.19	287,152.66	-	-	-	2,000,837.15	
2023-24 CIP Budget				2,560,799.00	(14,040.25)	64,595.50	26,000.25	145,927.15	151,449.47	76,008.78	23,609.77	95,416.62	190,027.81	-	-	-	758,995.10	
SOCWA				-														
Carryover Project Fund				1,214,928.55	-	37,410.98	72,270.14	125,422.66	177,425.44	221,780.64	39,699.22	16,805.81	11,485.03	-	-	-	702,299.92	
Accumulated Capital Funds				1,394,904.64	-	-	17,968.50	-	5,313.00	8,086.00	-	15,294.38	36,433.74	-	-	-	83,095.62	
Accumulated Capital/Grants				454,000.00	-	-	-	-	-	-	-	-	7,995.72	-	-	-	7,995.72	
Recycle Capital Projects				224,000.00	-	-	2,952.50	85.00	-	-	-	-	-	-	-	-	3,037.50	
				8,241,175.55	(14,040.25)	247,311.32	406,867.33	789,886.09	405,365.21	728,637.37	301,271.98	157,867.00	533,094.96	-	-	-	3,556,261.01	

Attachment 9  
Interim Report on 401k Plan Holdings  
As of March 2025

Page 8  
**EL TORO WATER DISTRICT**  
 401K PLAN SUMMARY



MARKET VALUE SUMMARY							
	Under 41 yrs. Old	41 to 48 yrs. Old	49 to 55 yrs. Old	56 to 58 yrs. Old	59 to 62 yrs. Old	63 to 65 yrs. Old	Over 65 yrs. Old
Balance at June 30, 2024	\$2,035,902.59	\$3,194,841.09	\$3,978,641.85	\$2,669,523.86	\$6,131,527.99	\$2,755,944.40	\$2,779,433.18
	Under 41 yrs. Old	41 to 48 yrs. Old	49 to 55 yrs. Old	56 to 58 yrs. Old	59 to 62 yrs. Old	63 to 65 yrs. Old	Over 65 yrs. Old
Balance at March 31, 2025	\$2,444,487.95	\$3,317,957.12	\$4,097,490.81	\$2,852,444.66	\$4,987,688.65	\$1,476,944.17	\$4,381,063.78

District Staff is working with Highmark and Empower to design a new 401k report. Once the data for the portfolios is being generated by Empower, the District portfolio information by age group will be updated.

Investments	Beginning Balance	Contributions	Withdrawals	Interest, Dividends and Appreciation	Ending Balance
				Net of Fees & Charges	
American Beacon AHL Mgd Futs Strat A	610,942.28	3,048.71	0.00	4,277.03	618,268.02
Cohen & Steers Instl Realty Shares	751,003.86	4,099.77	0.00	(8,973.03)	746,130.60
Columbia Contrarian Core Instl 3	2,142,743.90	13,303.65	0.00	(152,888.36)	2,003,159.19
DFA Large Cap International I	1,420,371.31	8,612.80	0.00	(28,843.80)	1,400,140.31
Dodge & Cox Income - I	2,634,367.34	12,600.89	0.00	83,591.58	2,730,559.81
Dodge & Cox International Stock - I	371,900.51	2,089.74	0.00	(20,522.61)	353,467.64
Dodge & Cox Stock - I	1,192,686.73	7,108.69	0.00	(66,703.73)	1,133,091.69
DoubleLine Core Fixed Income R6	2,520,340.44	12,129.41	0.00	95,137.89	2,627,607.74
Emerald Growth Institutional	483,734.37	3,595.11	0.00	(40,333.62)	446,995.86
Guaranteed Income Fund	690,303.90	3,242.91	0.00	12,220.35	705,767.16
Harbor Capital Appreciation Retirement	1,016,672.78	6,842.18	0.00	(105,774.11)	917,740.85
Lazard Global Listed Infrast Port Inst	479,714.07	2,646.77	0.00	4,303.84	486,664.68
Macquarie Small Cap Core R6	718,529.99	4,196.06	0.00	(52,762.90)	669,963.15
MFS International Growth R6	364,851.94	2,168.44	0.00	(25,892.70)	341,127.68
PGIM Total Return Bond R6	2,071,760.16	9,836.34	0.00	(19,016.99)	2,062,579.51
PIMCO Income Instl	297,794.40	1,604.07	0.00	7,212.48	306,610.95
PIMCO RAE US Instl	1,168,478.44	7,108.69	0.00	(68,265.96)	1,107,321.17
Undiscovered Mgrs Behavioral Value R6	503,558.97	3,437.71	0.00	(20,827.03)	486,169.65
Vanguard Emerging Mkts Stock Idx Adm	627,743.81	3,979.98	0.00	(17,686.58)	614,037.21
Vanguard Growth & Income Adm	2,180,531.53	13,487.32	0.00	(157,044.15)	2,036,974.70
Vanguard Growth Index Adm	865,829.15	5,977.52	0.00	(73,826.01)	797,980.66
Vanguard Long-Term Investment-Grade Adm	733,656.09	3,403.30	0.00	(188.62)	736,870.77
Vanguard Mid Cap Index Fund - Admiral	235,071.58	1,480.75	0.00	(7,704.19)	228,848.14
<b>Grand Total</b>	<b>24,082,587.55</b>	<b>136,000.81</b>	<b>0.00</b>	<b>(660,511.22)</b>	<b>23,558,077.14</b>



## STAFF REPORT

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**To: Board of Directors**

**Meeting Date: April 21, 2025**

**From: Judy Cimorell, Director of Human Resources  
Oscar Hernandez, Accounting Technician**

**Subject: Quarterly Insurance Report**

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The Quarterly Insurance Report for the period January 1, 2025 through March 31, 2025 is attached.

**Recommended Action:**

Staff recommends that the Board Receive and File the Quarterly Insurance Report for the period January 1, 2025 through March 31, 2025.

# **EL TORO WATER DISTRICT INSURANCE UPDATE**

**APRIL 2025**

## **Liability Program**

There is nothing new to report this quarter.

## **Property Insurance**

There is nothing new to report this quarter.

## **Excess Public Employee Fidelity Program**

There is nothing new to report this quarter.

## **Cyber Security Insurance**

There is nothing new to report this quarter.

## **Underground Storage Tank Pollution Liability**

There is nothing new to report this quarter.

## **Dam Failure Liability**

There is nothing new to report this quarter.

## **Fiduciary Liability Policy**

There is nothing new to report this quarter.

## **Liability & Property Claims**

There is nothing new to report this quarter.



### **Workers' Compensation Policy**

The Workers' Compensation Policy renewed on July 1, 2024, and runs through June 30, 2025.

### **Workers' Compensation Claims**

There were three Workers' Compensation injuries this quarter. Two were ergonomic injuries with no restrictive duties or loss work. The third was a strain injury with minimal restrictive duties.

### **Medical Insurance**

The District offers five medical plans as follows:

Kaiser Health - \$10 office co-pay with no annual deductibles.

Anthem Blue Cross – HMO; Offers a \$10 copay with no annual deductibles.

Anthem Blue Cross – PPO; this plan offers benefits within the physician network and outside of the network. In network, there is a co-pay of \$15.00 with an annual deductible of \$200 per person and \$600 per family. Out of the network, benefits are offered at 20% cost to the employee for all covered services with the same annual deductibles.

Kaiser Consumer Driven Health Plan along with an HSA – A high deductible tax advantaged health plan that provides for current medical and pharmacy expenses and allows saving for future health care expenses. \$1,500 individual / \$3,000 family deductible

Anthem Consumer Driven Health Plan along with a Health Savings Account - A high deductible tax advantaged plan that provides for current medical and pharmacy expenses and allows saving for future health care expenses. \$1,500 individual / \$3,000 family deductible.

The average cost per month per employee for the third quarter is \$1617.31.

### **Vision Insurance**

VSP provides vision coverage to our employees, Directors and dependents. It provides an annual eye exam and discounted rates for frames, lenses and contacts.

The cost per month per employee for the third quarter is \$17.21.

### **Dental Insurance**

The District provides dental coverage with Delta Dental. Our dental insurance pays up to \$1,500 for the upcoming year for covered services. All preventative services are offered every six months with the copay waived. Effective February 1, 2024 the dental insurance will increase to \$3,000 per year for covered services.

The average cost per month per employee for the third quarter is \$131.07.

### **Long and Short Term Disability Insurance**

The District offers Long and Short Term Disability Program through Lincoln National Life Insurance Company. The Long Term Disability program provides a maximum monthly benefit of \$10,000. The Short Term Disability program provides a maximum weekly benefit of \$ 1,500.

Both Short and Long Term Disability Programs are paid by the District and provides disability payments up to two thirds of an employee's weekly or monthly salary if the claim is approved.

Average cost per month per employee for the third quarter is \$73.77.

### **Long Term Care Insurance**

Long Term care is a program that provides a monthly benefit of \$2,500 to be applied to home health care or an assisted living facility.

Average cost per month per employee for the third quarter is \$12.91.

### **Life Insurance Coverage**

The District offers Life Insurance coverage through Lincoln National Life Insurance Company at twice the employee's annual salary up to a maximum of \$300,000.

Lincoln National Life Insurance Company also provides life insurance coverage for the Directors.

Premium rates are based on the age and salary of insured employees. The premium is adjusted on the employee's birthday every fifth year.

The average cost per month per employee for the third quarter is \$58.62.

### **Employee Assistance Program (EAP) Coverage**

UNUM is the District's carrier for the Employee Assistance Program. This program offers assistance in many areas such as childcare, eldercare, legal consultations, and health information, personal relationship issues, financial planning assistance, stress management, and career development. This benefit also comes with a \$5,000 portable term life insurance benefit.

The cost per month per employee for the third quarter is \$1.75.

**An insurance report of Budget vs. Actual Costs for the fiscal year 2024/2025 is attached for the Board's review as well as a summary of currently held District insurance policies.**

Submitted by:  
Judy Cimorell  
Oscar Hernandez

**Budget vs. Actual - Q3 2024/2025  
4/1/2025**

	<b>Budget</b>	<b>Actual Paid to Date</b>	<b>Remaining</b>	
<b>Insurance Coverage</b>				
Liability	\$220,522	\$229,104	(\$8,582)	
Property	\$148,100	\$153,499	(\$5,399)	
Fiduciary Liability	\$11,700	\$11,543	\$157	
Cyber Liability	\$8,900	\$9,570	(\$670)	
Dam Insurance (Includes Excess)	\$48,000	\$46,565	\$1,435	
Less: SMWD - 50% R-6 Cost Share		(\$23,283)		
MNWD - 5% R-6 Cost Share		(\$2,328)		
Dam Insurance (Rossmoor)	\$4,500	\$2,313	\$2,187	
Underground Storage Tank		\$2,639		
Excess Crime		\$1,912		
<b>Total Insurance</b>		<b>\$431,535</b>		
	<b>Annual Budget</b>	<b>Q3 Budget</b>	<b>Accumulative Q3 Actual</b>	<b>Budget Remaining</b>
<b>Benefits - Directors</b>				
Medical Employer Paid	\$25,000	\$18,750	\$17,242	\$7,758
Health Savings Account	\$3,400	\$2,550	\$1,650	\$1,750
Dental	\$3,574	\$2,681	\$2,857	\$717
Vision	\$1,043	\$782	\$792	\$251
Life	\$150	\$113	\$83	\$67
<b>Total Benefits Directors</b>	<b>\$33,167</b>	<b>\$24,875</b>	<b>\$22,624</b>	<b>\$10,543</b>
<b>Retiree Benefits</b>				
Medical Employer Paid	\$312,000	\$234,000	\$254,321	\$57,679
<b>Total retiree benefits</b>	<b>\$312,000</b>	<b>\$234,000</b>	<b>\$254,321</b>	<b>\$57,679</b>
<b>Employee Benefits</b>				
Emp.Assistance Program	\$1,276	\$957	\$922	\$354
Medical Employer Paid	\$1,149,297	\$861,973	\$827,916	\$321,381
Health Savings Account	\$16,000	\$12,000	\$26,400	(\$10,400)
Life/AD&D	\$41,151	\$30,863	\$29,646	\$11,505
Dental	\$89,334	\$67,001	\$68,648	\$20,686
Vision	\$12,098	\$9,074	\$8,932	\$3,166
LTD/STD	\$52,730	\$39,548	\$36,732	\$15,998
LTC Employer Paid	\$8,960	\$6,720	\$6,540	\$2,420
Workers comp.	\$167,772	\$125,829	\$101,641	\$66,131
<b>Total Employee Benefits</b>	<b>\$1,538,618</b>	<b>\$1,153,964</b>	<b>\$1,107,377</b>	<b>\$431,241</b>

## SUMMARY OF COVERAGE

Page 5

Type of Coverage	<b><u>GENERAL LIABILITY</u></b>	Coverage Term: 10/24-10/25
Coverage Includes	1. Commercial General Liability 2. Contractual Liability 3. Products/Completed Operations 4. Personal Injury	Premium - \$229,104.09
Coverage Limits	Insurance Carrier	Policy Number
	Pooled Self-insured	MOLC - 100110

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Type of Coverage	<b><u>AUTO LIABILITY</u></b>	Coverage Term: 10/24-10/25
Coverage Includes	1. Owned Automobiles/Trucks 2. Non-owned Automobiles/Trucks 3. Hired Automobiles/Trucks	Premium - Included
Coverage Limits	Insurance Carrier	Policy Number
	Pooled Self-insured	MOLC - 100110

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Type of Coverage	<b><u>PUBLIC OFFICIALS LIABILITY</u></b>	Coverage Term: 10/24-10/25
Coverage Includes	1. Errors & Omissions	Premium - Included
Coverage Limits	Insurance Carrier	Policy Number
	Pooled Self-insured	MOLC - 100110

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Type of Coverage	<b><u>PROPERTY</u></b>	Coverage Term: 7/24 - 7/25
Coverage Includes	1. Basic Property Values- Building, Fixed Equipment, Personal Property 2. Mobile Equipment Value 3. Licensed Vehicle - Comprehensive & Collision - Private Passenger, Light Truck, Sport Utility, Other Vehicles	Premium - \$153,498.88
Automobile Physical Damage Comprehensive - 83 Vehicles Collision - 83 Vehicles		
Coverage Limits	Insurance Carrier	Policy Number
	Pooled Self-insured	MOLC - 100110

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<b>Type of Coverage</b>	<b><u>EXCESS CRIME PROGRAM</u></b>	<b>Coverage Term: 7/24 - 6/25</b>
<b>Coverage Includes</b>	1. Public Employee Dishonesty 2. Forgery or Alteration 3. Computer Fraud 4. Faithful Performance of Duty 5. Treasurer/Tax Collector/Board Members (included)	<b>Premium - \$1,912</b>
<b>Coverage Limits</b>	<b>Insurance Carrier</b>	<b>Policy Number</b>
	Pooled Self-insured	MOLC - 100110
<b>Type of Coverage</b>	<b><u>UNDERGROUND STORAGE TANK POLLUTION LIABILITY</u></b>	<b>Coverage Term: 7/24 - 06/25</b>
<b>Coverage Includes</b>	1. Claims-Made 2. Environmental Incident	<b>Premium - \$2,639</b>
<b>Covers 1 Tank Located at:            23542 Moulton Parkway            Laguna Woods, CA 92637</b>		
<b>Coverage Limits</b>	<b>Insurance Carrier</b>	<b>Policy Number</b>
	Pooled Self-insured	MOLC - 100110
<b>Type of Coverage</b>	<b><u>DAM FAILURE LIABILITY</u></b>	<b>Coverage Term: 10/24-10/25</b>
<b>Coverage (Includes Excess Ins. for El Toro Reservoir)</b>	\$10,000,000.00	<b>Premium - \$46,565.40</b>
<b>Covers: El Toro Reservoir Rossmoor Dam</b>	\$5,000,000.00	<b>Premium - \$2,313.30</b>
<b>Coverage Limits</b>	<b>Insurance Carrier</b>	<b>Policy Number</b>
		MOLC - 100110
<b>Type of Coverage</b>	<b><u>FIDUCIARY LIABILITY</u></b>	<b>Coverage Term: 9/24-9/25</b>
<b>Coverage Includes</b>	1. Executive Protection Policy	<b>Premium - \$11,543</b>
<b>Parent Organization: ETWD Retirement Savings Plan &amp;</b>	<b>Trust Agreement</b>	
<b>Coverage Limits</b>	<b>Insurance Carrier</b>	<b>Policy Number</b>
	Hudson Insurance Company	SFD31211603
<b>Type of Coverage</b>	<b><u>CYBER SECURITY</u></b>	<b>Coverage Term: 7/24-7/25</b>
<b>First Year</b>		<b>Premium - \$9,570.43</b>

Type of Coverage	<b><u>WORKERS' COMPENSATION</u></b>	Coverage Term: 7/24 - 6/25
Coverage Includes	1. Coverage A - Workers' Compensation 2. Coverage B - Employer's Liability	3rd Quarter Premium \$33,881
Coverage Limits Coverage A \$0 - \$2 Million \$2 Million to Statutory	Insurance Carrier  Pooled Self-insured	Policy Number  MOLC - 100110
Coverage Limits Coverage B \$0 - \$2 Million \$2 Million excess of \$2 Million SIR	Insurance Carrier  Pooled Self-insured	Policy Number  MOLC - 100110

Type of Coverage	<b><u>LIFE &amp; ACCIDENT</u></b>	3rd Quarter Premium \$10,219
Coverage Includes	Coverage - 2 X Annual Income (Max. of \$300,000)	
Insurance Carrier	Lincoln National Life Insurance Co.	Policy # 10218807
Eligibility Period	2 Months After Hire	
Plan Wait or Deductible	60 Days	

Type of Coverage	<b><u>LONG / SHORT TERM DISABILITY</u></b>	3rd Quarter Premium \$12,837
Coverage Includes	Two Thirds of Insured Earnings Max. of \$10,000	
Insurance Carrier	Lincoln National Life Insurance Co.	Policy # 10218808
Eligibility Period	1 Year After Hire	
Plan Wait or Deductible	30 Days STD 90 Days or 9 Weeks LTD	

Type of Coverage	<b><u>LONG TERM CARE</u></b>	3rd Quarter Premium \$2,247
Coverage Includes	\$2,500/Month \$150,000 Total Benefit	
Insurance Carrier	UNUM	Policy # 220384
Eligibility Period	1 Year After Hire	
Plan Wait or Deductible	365 Days	

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Type of Coverage	<u>MEDICAL</u>	3rd Quarter Premium \$408,871
Coverage Includes	HMO, PPO, HDP by Employee Choice	
Insurance Carrier	Anthem Blue Cross / Kaiser Insurance thru ACWA/JPIA	Policy #229CA
Eligibility Period	1 Month After Hire	
Plan Wait or Deductible	30 Days * Premium includes Employees, Retirees & Directors	

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Type of Coverage	<u>DENTAL</u>	3rd Quarter Premium \$23,875
Coverage Includes	\$25.00 or \$50.00/Family	
Insurance Carrier	Delta Dental Plan of California	Policy #399-1012
Eligibility Period	2 Months After Hire	
Plan Wait or Deductible	60 Days	

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Type of Coverage	<u>VISION</u>	3rd Quarter Premium \$3,270
Coverage Includes	Annual Exam/Frame Every 2 Years	
Insurance Carrier	Vision Service Plan thru ACWA	Policy #399-1012
Eligibility Period	2 Months After Hire	
Plan Wait or Deductible	60 Days	

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Type of Coverage	<u>PERSONAL ACCIDENT INSURANCE</u>	3rd Quarter Premium Employee Paid
Coverage Includes	\$50,000 or \$100,000	
Insurance Carrier	CIGNA	Policy # OKH-1253-56
Eligibility Period	Optional	
Plan Wait or Deductible	None	

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Type of Coverage	<u>Supplemental Financial Insurance Program</u>	3rd Quarter Premium Employee Paid
Coverage Includes	Voluntary - Life, Accident / Injury, Hospital, Critical Care, Short-term Disability, Dental	
Insurance Carrier	AFLAC	Policy # E3B26
Eligibility Period	Optional	
Plan Wait or Deductible	None	

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## STAFF REPORT

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**To: Board of Directors**

**Meeting Date: April 21, 2025**

**From: Vishav Sharma, Chief Financial Officer**

**Subject: March 2025 bills for Approval**

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Attached for Board approval is the payment summary report for the month of March, 2025 which presents checks that were paid during the month that exceeded \$75,000 in value.

Presented below for your consideration are the payments of bills for the months of March 2025:

1. The total disbursement including payroll expense for the month of March 2025 is \$2,940,091.39
2. These disbursements include eight checks greater than \$75,000, with the total equal to \$1,759,607.28. Staff recommends the Board approve these checks.
3. Payroll expenses of \$637,539.28 occurred during the month. This cost includes the cost of employee and Director's payroll, pension and benefits.
4. District employees were reimbursed \$592.80 for travel, education, meals, supplies and certification related expenses; and Directors were reimbursed \$63.16 for travel expenses.

Recommended Action: Staff recommend that the Board approve, ratify and confirm payment of those bills as set forth in the Payment Summary for the month ending March, 2025



**EL TORO WATER DISTRICT**  
**Payment Summary**  
**For the month ending March 31, 2025**

CHECK NUMBER	PAYMENT DATE	VENDOR NAME	PAYMENT AMOUNT
12696	03/10/2025	Municipal Water District of Orange County	585,583.93
12803	03/26/2025	Irvine Ranch Water District	316,951.86
12722	03/14/2025	Carollo Engineers, Inc	176,275.50
12531	03/27/2025	Brax Company, Inc	161,371.67
12772	03/20/2025	ACWA JPIA	148,645.45
12753	03/18/2025	ACWA JPIA	147,682.89
12768	03/18/2025	Southern California Edison Company	139,055.51
12728	03/14/2025	Irvine Ranch Water District	84,040.47

CHECKS OVER \$75,000	\$	1,759,607.28
CHECKS UNDER \$75,000	\$	530,243.56

TOTAL CHECKS PAID	\$	2,289,850.84
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**REIMBURSEMENTS TO ETWD EMPLOYEES**

CHECK NUMBER	PAYMENT DATE	PAYEE (DESCRIPTION)	PAYMENT AMOUNT
12708	03/10/2025	Steve Hancock (Work Boots)	400.00
12784	03/20/2025	Jeff Webster (Safety Glasses)	132.80
12808	03/26/2025	Steve Wingen (Certification)	60.00

TOTAL CHECKS TO EMPLOYEES	\$	592.80
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**REINBURSEMENTS TO ETWD DIRECTORS**

CHECK NUMBER	PAYMENT DATE	PAYEE (DESCRIPTION)	PAYMENT AMOUNT
12732	03/14/2025	Michael Gaskins (Travel Expense)	35.28
12729	03/14/2025	Kathryn Freshley (Travel Expense)	27.88

TOTAL CHECKS TO DIRECTORS	\$	63.16
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**DEBIT TRANSFERS**

03/07/2025	PAYROLL DIRECT DEPOSIT	171,474.27
03/07/2025	FEDERAL DEPOSIT LIABILITY	34,394.15
03/07/2025	SDI & STATE TAX	15,581.28
03/07/2025	WAGE GARNISHMENTS	190.00
03/07/2025	EMPOWER (401K)	68,342.74
03/07/2025	EMPOWER (457)	22,858.63
03/07/2025	HEALTH SAVINGS ACCOUNT	207.70
03/07/2025	MEDICAL FLEXIBLE SPENDING ACCOUNT	830.82
03/07/2025	DEPENDANT CARE FLEXIBLE SPENDING ACCOUNT	384.31
03/14/2025	PAYROLL BOARD OF DIRECTOR	6,969.68
03/14/2025	SS, MEDICARE, SDI & STATE TAX	1,169.21
03/14/2025	EMPOWER (457)	2,448.28
03/14/2025	HEALTH SAVINGS ACCOUNT	400.00
03/14/2025	MEDICAL FLEXIBLE SPENDING ACCOUNT	125.00
03/21/2025	PAYROLL DIRECT DEPOSIT	170,216.31
03/21/2025	FEDERAL DEPOSIT LIABILITY	34,759.61
03/21/2025	SDI & STATE TAX	15,425.35
03/21/2025	WAGE GARNISHMENTS	190.00
03/21/2025	EMPOWER (401K)	67,658.07
03/21/2025	EMPOWER (457)	22,875.35
03/21/2025	HEALTH SAVINGS ACCOUNT	207.70
03/21/2025	MEDICAL FLEXIBLE SPENDING ACCOUNT	830.82
03/21/2025	DEPENDANT CARE FLEXIBLE SPENDING ACCOUNT	384.31
	Total Payroll Expense	637,539.28
03/31/2025	BANK FEES	12,316.96

TOTAL INTERBANK WIRES / DEBIT TRANSFERS	\$	650,240.55
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TOTAL DISBURSEMENTS	\$	2,940,091.39
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MINUTES OF THE REGULAR MEETING  
& OF THE  
ENGINEERING COMMITTEE MEETING

March 24, 2025

At approximately 8:10 a.m. Vice President Freshley called the Engineering Committee meeting to order.

Committee Members MARK MONIN (Zoom), MIKE GASKINS, KAY HAVENS, KATHRYN FRESHLEY, and WYATT McCLEAN participated.

Also participating were DENNIS P. CAFFERTY, General Manager, VISHAV SHARMA, CFO, HANNAH FORD, Director of Engineering, SCOTT HOPKINS, Operations Superintendent, GILBERT J. GRANITO, General Counsel, MIKE MIAZGA, IT Manager (Zoom), SHERRI SEITZ, Public Affairs Manager (Zoom), RORY HARNISCH, Senior Engineer (8:21 a.m.), VICKI TANIOUS, Senior Accountant (Zoom), VU CHU, Water Use Efficiency Analyst (Zoom), CAROL MOORE, Laguna Woods City Council Member (Zoom), JANET FORDUNSKI, City of Laguna Woods, and MARISOL MELENDEZ, Recording Secretary.

Consent Calendar

Vice President Freshley asked for a Motion.

Motion: Director Havens made a Motion, seconded by Director McClean to approve the Consent Calendar.

Roll Call:

Director McClean	aye
Director Havens	aye
Director Monin	aye
Vice President Freshley	aye
President Gaskins	aye

## Engineering Action Items

### Secondary Clarifier No. 4 Drive Replacement

Ms. Ford reported that staff is currently working on Secondary Clarifier No. 3. During the repairs, it was discovered that the platform around the drive needs replacement, and the walkway is corroded but can be repaired by District staff. The anchor bolts securing the walkway to the platform are also corroded and need attention. The platform repairs for Clarifier No. 3 will need to be contracted out. Clarifiers No. 3 and No. 4 are part of the capital improvement program for full mechanism replacements, with Clarifier No. 1 being prioritized for replacement due to its age. It is important to ensure Clarifiers No. 3 and No. 4 are in good working condition while Clarifier No. 1 is offline for 6 months. During the repair of Clarifier No. 4, staff will inspect whether additional repairs are required for its platform and rake arms. The Board previously approved the purchase and installation of the drive for Secondary Clarifier No. 3. This action item covers the drive and its associated installation for Secondary Clarifier No. 4 and repair of the drive access platform for Secondary Clarifier No. 3.

Vice President Freshley asked for a Motion.

Motion: President Gaskins made a Motion, seconded by Director Havens to authorize the District's General Manager to (1) issue a purchase order to Ovivo USA, LLC in the amount of \$63,872.05 for a new secondary clarifier drive for Clarifier No. 4, (2) to amend the contract with Don Peterson Contracting, Inc. in the amount of \$56,342.00 to install the Clarifier No. 4 drive and repair the access platform around Clarifier No. 3, and (3) to authorize the General Manager to fund the project costs from the District's Capital Reserves as recommended by staff in accordance with the District's adopted Capital Reserve Policy.

### Roll Call:

Director McClean	aye
Director Havens	aye
Director Monin	aye
Vice President Freshley	aye
President Gaskins	aye

### Engineering Information Items

#### El Toro Water District Operations Report

Director Havens inquired about the high R-17 nitrite reading on page 62. Mr. Cafferty explained that the levels are due to the water age issues, which are worsened by the low irrigation demand in the area since it was converted to recycled water. He assured that from a water quality standpoint, significant improvements have been made, and the situation is always closely monitored.

Director Havens inquired about the two hydrant options and the possibility of proactively replacing hydrants in high risk zones. Mr. Cafferty responded that staff will quantify the matter and will provide a report on how it will be addressed.

Ms. Seitz left the meeting at approximately 8:53 a.m.

Vice President Freshley commented on the WRP Battery Storage System. Mr. Cafferty reported that the trending data has shown improvements each year and if these trends continue through the remainder of the period, it will be the highest productive savings year on record.

Vice President Freshley inquired about the differences in SCE's rate structure. Ms. Ford mentioned that she has had initial discussions with an SCE representative and will provide an update once more information becomes available.

## El Toro Water District Capital Project Status Report

### Grit Chamber Rehabilitation

Ms. Ford reported that the Notice of Completion has been issued to the contractor. The Project completed within budget.

### New Warehouse Project and Asphalt Improvements Projects

Mr. Harnisch stated AQMD has received approval from the City and will begin their work, which will be immediately followed by the asphalt project. Once the asphalt work is complete, the District will be able to move into the new warehouse.

### Main office Warehouse Drainage Improvement Project

Mr. Harnisch reported that the Notice of Award has been issued to GCI, and staff is currently working on the submittal phase. Construction is expected to begin around May, with a rough completion date set for July.

### R-6 Reservoir Southern Slope Stabilization Project

Ms. Ford reported that this is an unforeseen project involving a slope located at the R-6 site, near a church and preschool. The slope and the asphalt at the top of the site have been damaged by erosion, with recent rainfall worsening the issue. Staff has implemented temporary measures to stabilize the slope but a more permanent solution is needed, including drainage repair and slope reconstruction. Ms. Ford stated that staff has contacted Dudek for design services who estimates the project cost to be approximately \$0.5 million.

### Headworks and Secondary Clarifier No. 1 Rehabilitation Project

Ms. Ford reported that staff put this project out to bid last Thursday and the project is estimated to cost around \$10 million. The mandatory pre-bid meeting is scheduled for Thursday, with 7-8 interested contractors expected to attend. The project is expected to take approximately 3 years to complete. Prior to putting out the project to

bid, the District was awarded a \$300,000 federal grant for the energy efficiency improvements included in this project. Ms. Ford added that an additional grant from a different funding source will be awarded after project completion, with just under \$400,000 in grant funding expected to help offset the total project costs.

#### Aliso Creek Lift Station Rehabilitation Project

Ms. Ford stated that 60% design is complete, meeting the milestone required to pursue federal funding. CalOES, the state subsidiary of FEMA, is expected to issue a notice of funding opportunity in early April. Staff has developed most of the sub-application and will now focus on the benefit-cost analysis to complete and submit the application. The design process will continue, and the environmental work is nearing completion. The Initial Study Mitigated Negative Declaration was posted for public review and will be brought to the Board for approval.

Mr. Cafferty added that this project is budgeted in the 10-year plan without relying on any grant funding. If grant funding is successfully awarded, it will help offset the costs and allow the project to take place sooner, but the project is fully funded with existing resources.

#### Additional Tertiary Filter Disks

Ms. Ford reported that the additional disks have been installed and now one filter train can meet peak demands.

#### Tertiary Disinfection Optimization Project

Ms. Ford reported that the District has received conditional approval from DDW, and staff is currently reviewing all of their stipulations. If District staff determine DDW's required operational parameters are feasible, staff will be installing additional free chlorine analyzers and a chlorine dosing system at the recycled water storage tank.

### New Turbo Blower

Ms. Ford reported that the turbo blower has been delivered, and the contractor is set to install the equipment within the next 90 days.

### Electrical Projects (4)

Ms. Ford reported that the following electrical projects either will have all equipment in hand or will have the equipment by the end of April and staff is working with the team to schedule the installation: Ocean Outfall Pump Station (OOPS) Motor Control Center (MCC) and Valve Rehabilitation Project, Freeway Electrical Equipment Replacement, DAF No.1 MCC Replacement, and Westline Lift Station Main Switchboard Replacement Project.

### System Wide Arc Flash and Coordination Study

Ms. Ford stated that staff is in the process of placing the labels, and additional recommendations have been made, such as replacing breakers or upsizing cables. As staff works on capital projects, these recommendations will be addressed.

### Asset Management Program

Ms. Ford stated that staff is working on integrating the results into the CMMS.

### Energy Efficiency Analysis

Ms. Ford stated that while there is a significant need for capital investment, there is also considerable potential for funding many of the solutions. She also provided updates on the current additional energy efficiency opportunities.

### Engineering Items Discussed at Various Conferences and Meetings

There were no comments.

### Comments Regarding Non-Agenda Engineering Committee Items

President Gaskins commented on the MET presentation at the Water Policy Forum.

### Adjournment

There being no further business, the Engineering Committee meeting was adjourned at approximately 9:15 a.m.

### Regular Session

### Attorney Report

Mr. Granito reported that there is no need for closed session today.

### Adjournment

There being no further business to come before the Board, the meeting was adjourned at 9:16 a.m.

Respectfully submitted,

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MARISOL MELENDEZ  
Recording Secretary

APPROVED:

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MIKE GASKINS, President  
of the El Toro Water District and the  
Board of Directors thereof

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DENNIS P. CAFFERTY, Secretary  
of the El Toro Water District and the  
Board of Directors thereof





## STAFF REPORT

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**To:** Board of Directors **Meeting Date:** April 21, 2025

**From:** Sherri Seitz, Public Affairs Manager

**Subject:** Adoption of the 2025 Orange County Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan and El Toro Water District's Annex F

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### Summary

#### **Background on Hazard Mitigation**

The Disaster Mitigation Act of 2000 amended the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act) to establish a framework for state, local, tribal, and territorial governments to engage in hazard mitigation planning as a prerequisite for receiving certain types of non-emergency disaster funding assistance. The requirements and procedures for implementing hazard mitigation planning provisions are outlined in Title 44, Chapter 1, Part 201 (44 CFR Part 201) of the Code of Federal Regulations.

Hazard mitigation plans form the foundation for a community's long-term strategy to identify vulnerability to natural man-made hazards. The plans aim to reduce disaster losses by breaking the cycle of disaster damage, reconstruction, and repetitive damage. Since the passage of the Disaster Mitigation Act of 2000, additional legislation has further shaped hazard mitigation policy, including:

- The Sandy Recovery Improvement Act (SRIA) of 2013
- The National Flood Insurance Act of 1968
- The Water Infrastructure Improvements for the Nation (WIIN) Act of 2016

To be eligible for certain federal grant programs, an approved and adopted Hazard Mitigation Plan is required to be updated every 5 years. These grant programs include:

- Hazard Mitigation Grant Program (HMGP)
- Public Assistance Grant Program (PA)
- Building Resilient Infrastructure and Communities (BRIC)
- Safeguarding Tomorrow Revolving Loan Fund Program
- Fire Management Assistance Grant Program (FMAG)
- Rehabilitation of High Hazard Potential Dam Grant Program (HHPD)

## **2025 Orange County Water and Wastewater Multi-Jurisdiction Local Hazard Mitigation Plan (MJHMP) Update**

In January 2024, WEROC initiated the update of the Orange County Water and Wastewater Multi-Jurisdiction Local Hazard Mitigation Plan (MJHMP) to ensure continued eligibility for Federal Emergency Management Agency (FEMA) hazard mitigation funding. water and wastewater agencies are required to maintain a current and approved Hazard Mitigation Plan (HMP). The existing Orange County Water and Wastewater MJHMP remained valid through March 9, 2025.

El Toro Water District in coordination with WEROC, worked with a consultant to lead the process to update the MJHMP and ensure compliance with FEMA's 2023 Hazard Mitigation Requirements. The plan is structured to have a base plan that reflects information that is generic to all participating jurisdictions, such as the planning process, overall strategy, public outreach efforts, key descriptions and plan maintenance. In addition, there are Annexes that are specific to each agency, including a description of physical infrastructure assets, potential disaster impacts, and the mitigation goals and actions for each participating agency. A key change in the 2023 guidelines emphasized public outreach, participation, and engagement as essential components for plan approval. To facilitate comprehensive community input, WEROC incorporated regular feedback from key stakeholders throughout the member service area including ETWD's Community Advisory Group Meeting and promotion for public feedback on the MJHMP.

### **Participating Agencies in the 2025 MJHMP**

The 2025 MJHMP includes the following agencies:

- Costa Mesa Sanitary District
- El Toro Water District
- Irvine Ranch Water District
- Laguna Beach County Water District
- Mesa Water
- Moulton Niguel Water District
- Municipal Water District of Orange County
- Orange County Sanitation District
- Orange County Water District
- Santa Margarita Water District
- Serrano Water District
- South Coast Water District
- South Orange County Wastewater Authority
- Trabuco Canyon Water District
- Yorba Linda Water District

## **Plan Submission, Approval and Adoption Process**

WEROC submitted the MJHMP to the California Office of Emergency Services (CalOES) on December 3, 2024, in accordance with the project milestones. The submission included all necessary documentation for compliance.

CalOES completed its review on January 16, 2025, and provided revision requests for every agency annex. In response, WEROC collaborated with the project contractor to implement the required changes and resubmit the plan for final CalOES approval.

On February 14, 2025, CalOES approved the required changes and transmitted the plan to FEMA for final review.

On March 29, 2025, WEROC received information that FEMA has stopped reviewing all Hazard Mitigation Plans and were unable to issue any correspondence related to LHMPs at that time.

On April 14, 2025, WEROC received a letter confirming that FEMA had completed their review of the Hazard Mitigation Plan and determined that it is eligible for final approval pending its formal adoption by resolution from MWDOC and all participating jurisdictions. Once approved by the all the participating jurisdictions, MWDOC will resubmit to FEMA for final approval.

## **Ongoing Mitigation Planning**

The Hazard Mitigation Plan is a living document that will evolve alongside the needs of participating agencies and communities. ETWD may identify new priorities or shift their goals based on emerging risks, updated data, or evolving circumstances.

To accommodate these changes:

- Adjustments will be documented throughout the plan implementation process.
- Formal plan updates will be conducted every five years, as required by FEMA.

By maintaining an active and adaptive approach to hazard mitigation planning, ETWD can effectively reduce risks, enhance resilience, and ensure compliance with federal and state mitigation policies.

The Orange County Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan and El Toro Water District's Annex F can be found at the following link.

 [ETWD Board Meeting Sharepoint Folder 4 15 2025](#)

**Recommended Action:**

Staff recommends adopting Resolution No. 2025-4-2 which adopts the 2025 Orange County Water and Wastewater Multi-Jurisdiction Local Hazard Mitigation Plan (MJHMP) Update.

RESOLUTION NO. 25-4-2

RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE EL TORO WATER DISTRICT  
APPROVING AND ADOPTING THE 2025 ORANGE COUNTY WATER AND  
WASTEWATER MULTI-JURISIDICITIONAL HAZARD MITIGATION PLAN and EL  
TORO WATER DISTRICT'S ANNEX F

## **RESOLUTION NO. 25-4-2**

### **RESOLUTION OF THE BOARD OF DIRECTORS OF THE EL TORO WATER DISTRICT APPROVING AND ADOPTING THE 2025 ORANGE COUNTY WATER AND WASTEWATER MULTI-JURISIDICITIONAL HAZARD MITIGATION PLAN and EL TORO WATER DISTRICT'S ANNEX F**

**WHEREAS**, the El Toro Water District recognizes that the threat from natural hazards poses a risk to water and wastewater utilities and the individuals they serve, and impacts can result in regional economic and public health consequences; and

**WHEREAS**, the United States Congress passed the Disaster Mitigation Act of 2000 emphasizing the need for pre-disaster mitigation of potential hazards; and

**WHEREAS**, the Disaster Mitigation Act of 2000 requires all cities, counties and special districts to develop and adopt a Hazard Mitigation Plan (HMP) to be eligible to receive federal grants pertaining to disaster preparedness; and

**WHEREAS**, El Toro Water District and 14 other agencies participated in the development of the Orange County Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan (MJHMP) in accordance with federal laws, including the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as amended; the National Flood Insurance Act of 1968, as amended; and the National Dam Safety Program Act, as amended; and

**WHEREAS**, the Orange County Water and Wastewater MJHMP identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Orange County from the impacts of future hazards and disasters; and

**WHEREAS**, the resources and information within the HMP will allow El Toro Water District to identify and prioritize future mitigation projects, meet the requirements of federal assistance programs and grant applications, and encourage coordination and collaboration in meeting mitigation goals; and

**WHEREAS**, a Planning Team was formed to participate in the FEMA-prescribed mitigation planning process to prepare the HMP; and

**WHEREAS**, a public outreach strategy to include whole community planning was implemented by including posting information on member agency websites, email and social media distribution, community survey, and presentations at the community meetings for inclusion and opportunity to participate in the planning process by community members, community-based organizations and people with access and functional needs; and

**WHEREAS**, the HMP was made available for public review from July 19, 2024 to November 26, 2024, and

**WHEREAS**, on December 3, 2024, the MJHMP was provided to the California Office of Emergency Services (CalOES) Hazard Mitigation Division for review; and

**WHEREAS**, the MJHMP was revised based on CalOES requirements relating to the new Federal Hazard Mitigation Standards released in 2023 by the Federal Emergency Management Agency (FEMA); and

**WHEREAS**, El Toro Water District with the consultant made all required changes, and the plan was approved by CalOES and submitted to FEMA for review on February 14, 2025; and

**WHEREAS**, the HMP received FEMA approval subject to the Municipal Water District of Orange County and all participating jurisdictions approving and adopting the HMP; and

**WHEREAS**, the ETWD Board of Directors has reviewed the HMP; and

**WHEREAS**, the HMP identifies and assesses hazards most likely to affect El Toro Water District and provides actions to mitigate them.

**WHEREAS**, adoption by the El Toro Water District Board of Directors demonstrates its commitment to hazard mitigation and achieving the goals outlined in the Orange County Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan.

**NOW, THEREFORE BE IT RESOLVED** that the Board of Directors of the El Toro Water District does hereby approve and adopt the Orange County Regional Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan (2025) inclusive of Annex F.

**NOW, THEREFORE, BE IT FURTHER RESOLVED**, while content related may require revisions to meet the plan approval requirements, changes occurring after adoption will not require El Toro Water District to re-adopt any further iterations of the plan. Subsequent plan updates following the approval period for this plan will require separate adoption resolutions.

ADOPTED, SIGNED AND APPROVED this 21<sup>st</sup> day of April 2025.

AYES:

NAYES:

ABSTAIN:

ABSENT:

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Mike Gaskins, President  
El Toro Water District and the  
Board of Directors thereof

ATTEST:

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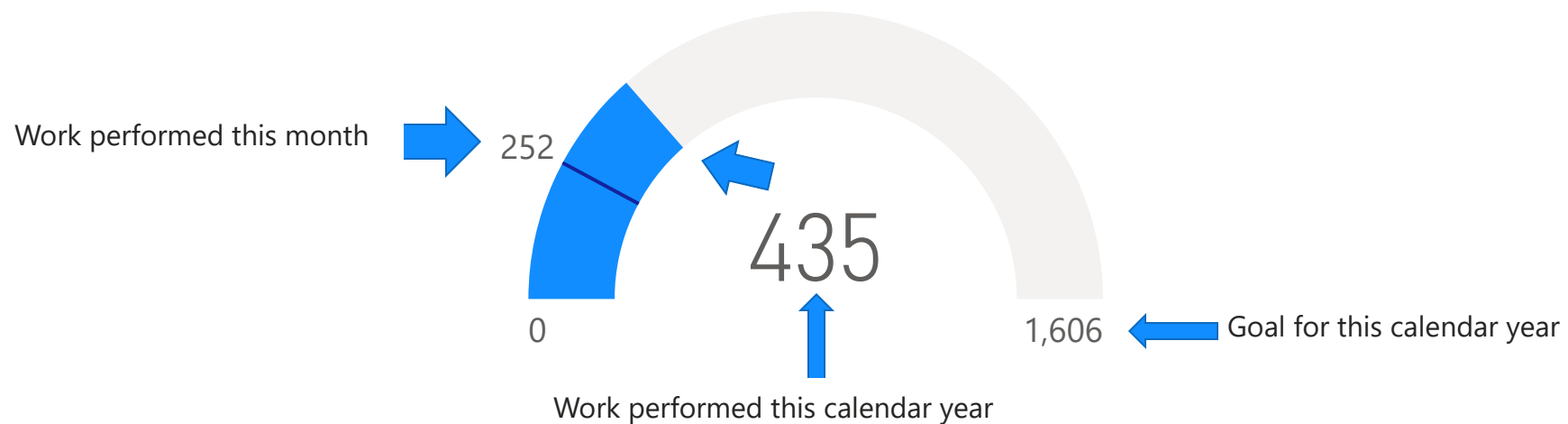
DENNIS P. CAFFERTY, Secretary  
El Toro Water District and the  
Board of Directors thereof



# Operations Report

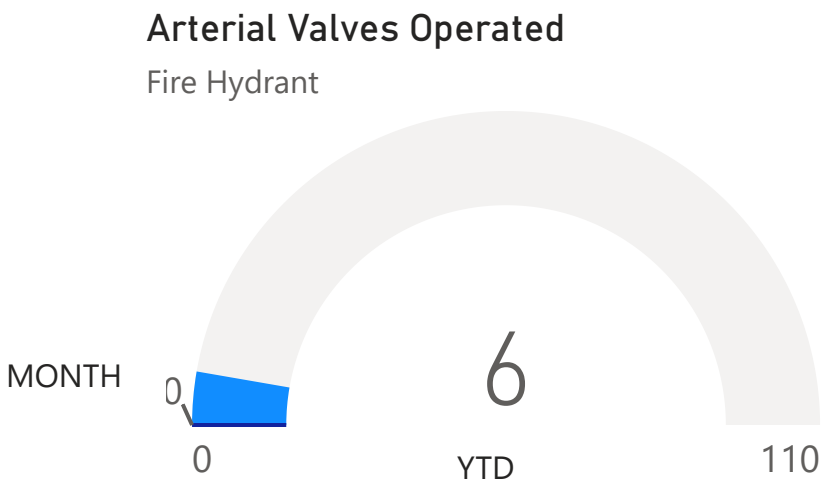
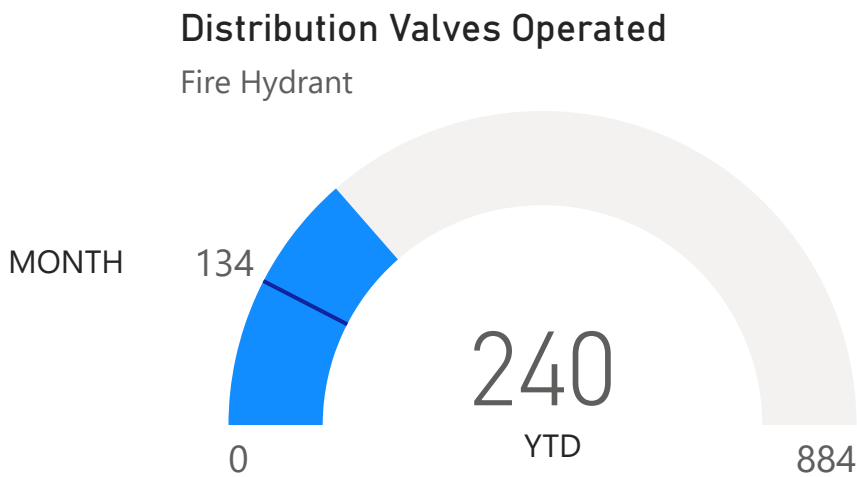
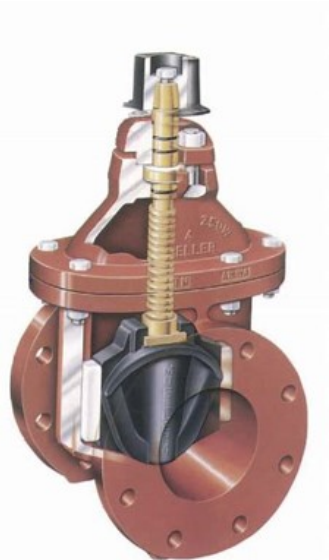
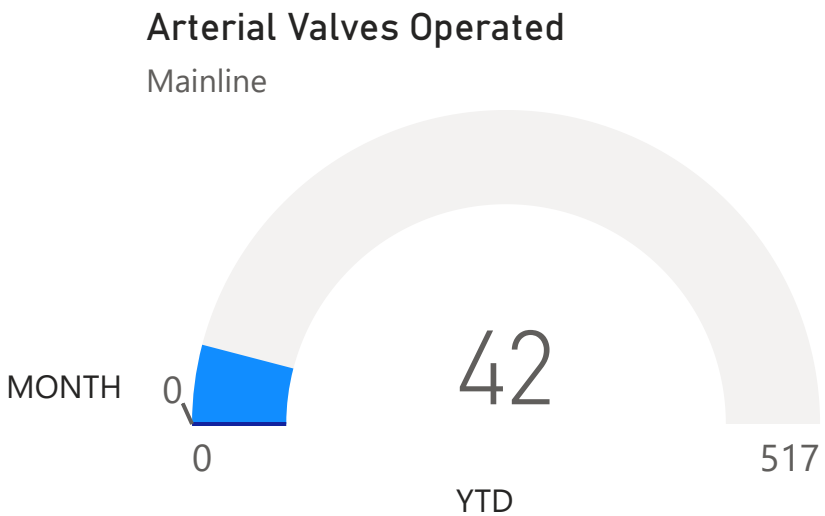
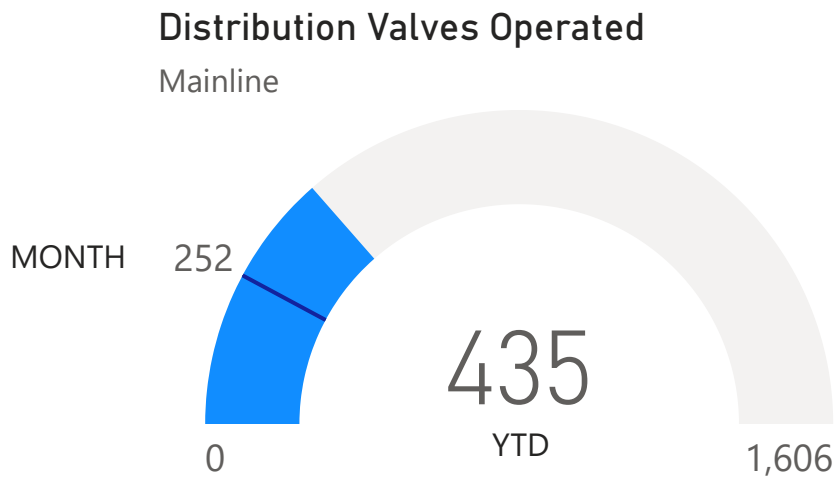
March 2025

How to read the graphics in this report:





# Valves

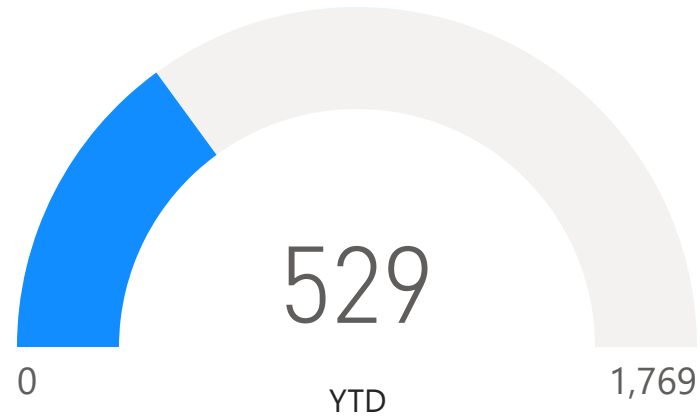


Asset	Month	YTD
Potable Valves Repaired	0	3
Potable Valves Replaced	1	7
Valve Cans Adjusted/Replaced	4	4
Valve Cans Cleaned	386	386
<b>Total</b>	<b>391</b>	<b>400</b>

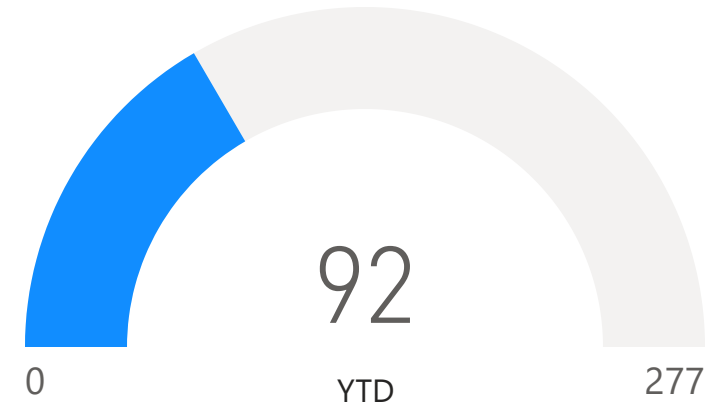
- Note:
- 1. The distribution valve operation program strives to operate all distribution valves (mainline and fire) every two years. Goals shown on this page represent that for the calendar year (i.e., total number of distribution valves divided by two).
  - 2. The arterial valve operation program strives to operate all arterial valves (mainline and fire) every year.

# Cross Connection Program

Backflow Assemblies Tested

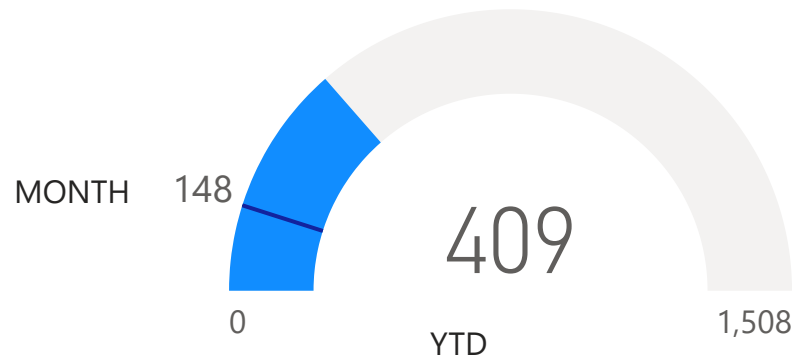


Recycled Water Inspections



# Other Facility Maintenance

Generator Inspections



Underground Service Alerts Marked

168  
Month

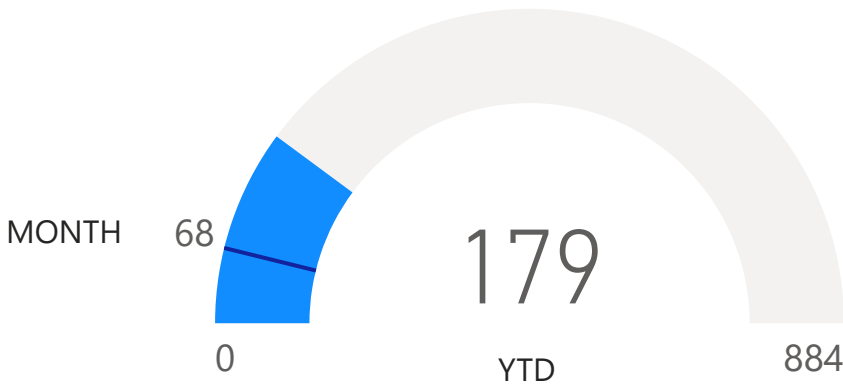
Underground Service Alerts Marked

574  
YTD

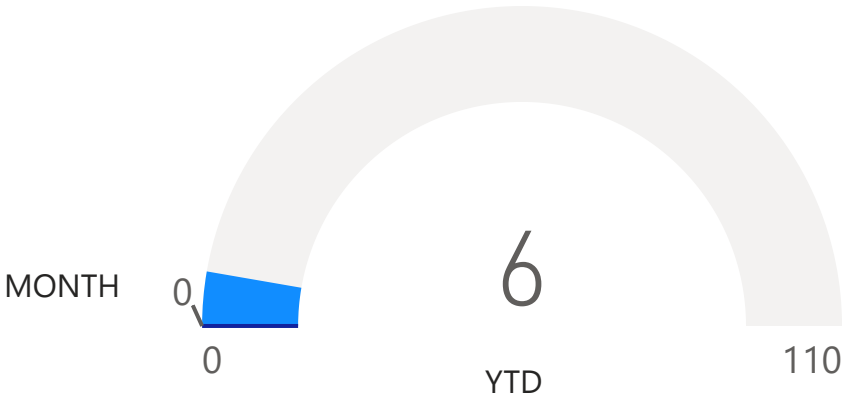
# Fire Hydrants



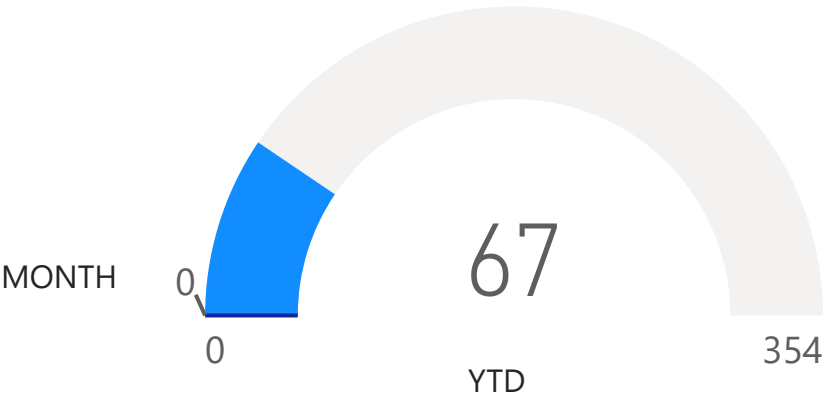
Distribution Hydrants Maintained



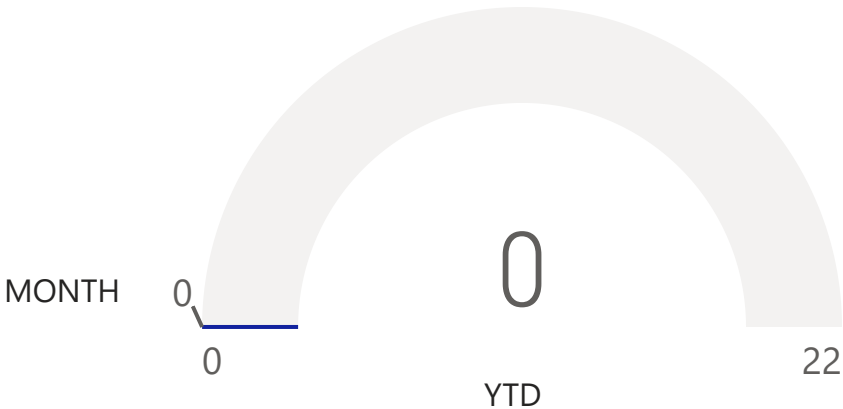
Arterial Hydrants Maintained



Distribution Hydrants Painted



Arterial Hydrants Painted



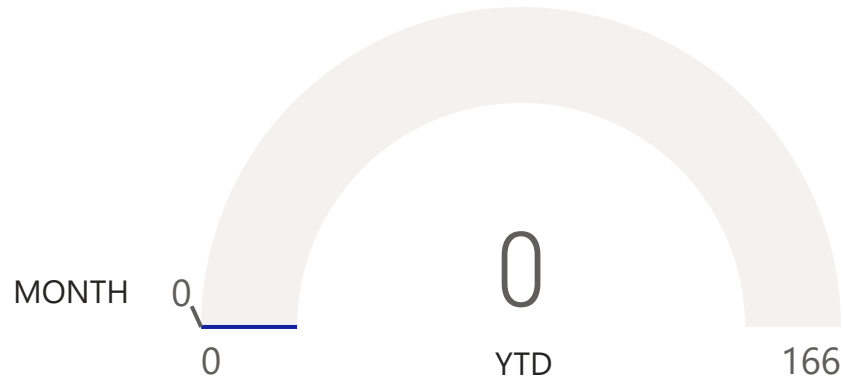
Asset	Month	YTD
Hydrants Repaired	0	3
Hydrants Replaced	1	6
<b>Total</b>	<b>1</b>	<b>9</b>

Note:

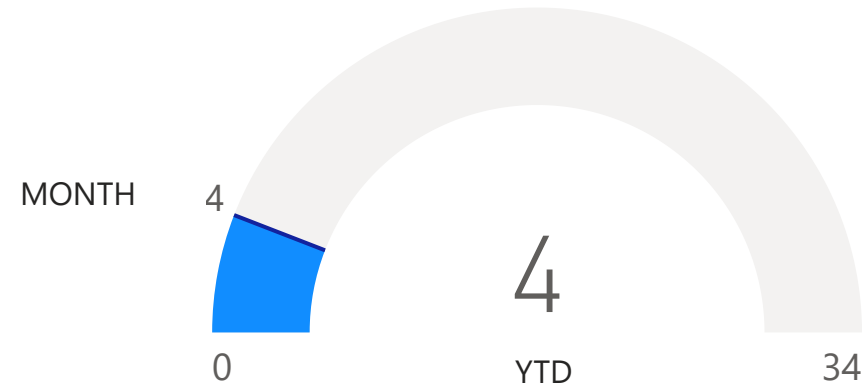
- 1. The hydrant program strives to maintain all distribution hydrants every two years and arterial hydrants every year. Goals shown on this page represent that for the calendar year (i.e., total number of distribution hydrants divided by two).
- 2. The hydrant program strives to paint all hydrants every five years. Goals shown on this page represent that for the calendar year (i.e., total number of hydrants divided by five).

# Water Appurtenances

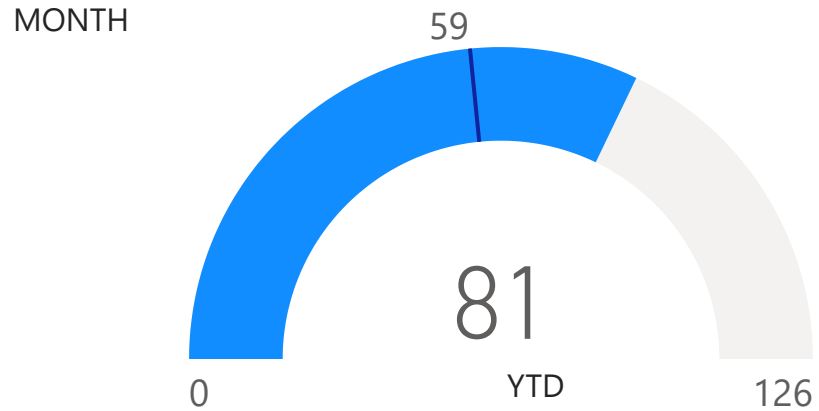
Air Vacs Maintained



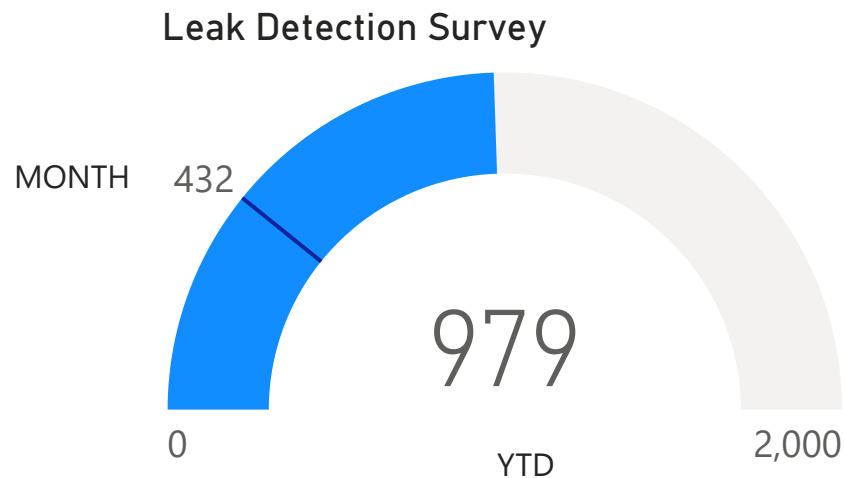
PRVs Maintained



Blow Offs Flushed



# Water Distribution System



Asset	Month	YTD
Main Line Repairs	1	2
Service Line Repairs	0	5
Service Line Replacement	3	10
Water Pump Motor Services	1	4
Water Pump Services	1	4
Water Reservoir and Pump Station Inspections	113	349



System Flushing  
gallons

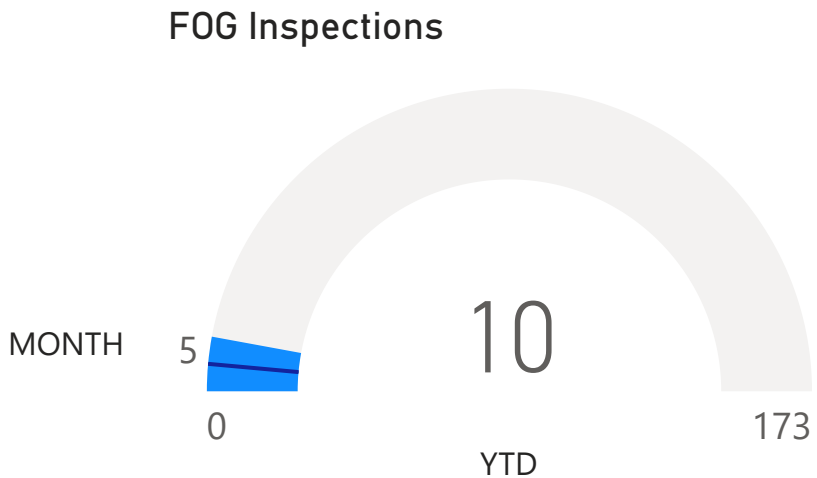
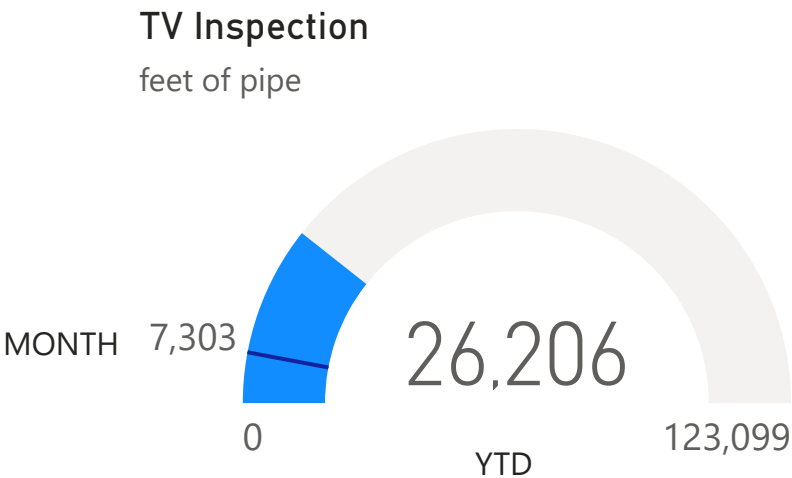
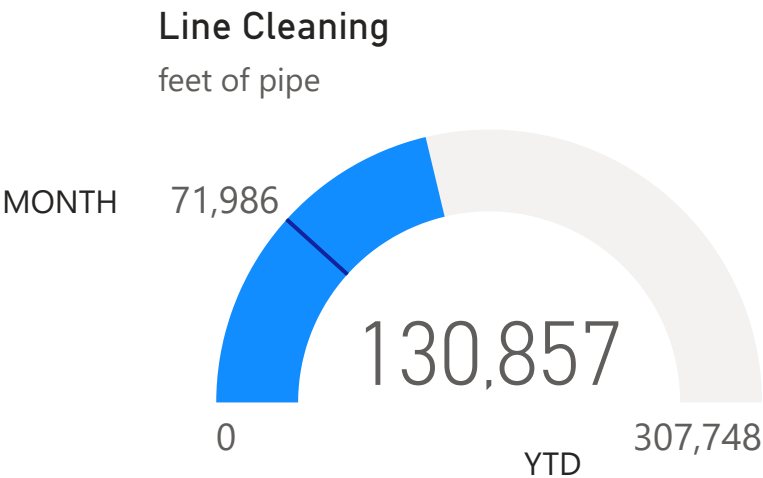
6,732  
Month



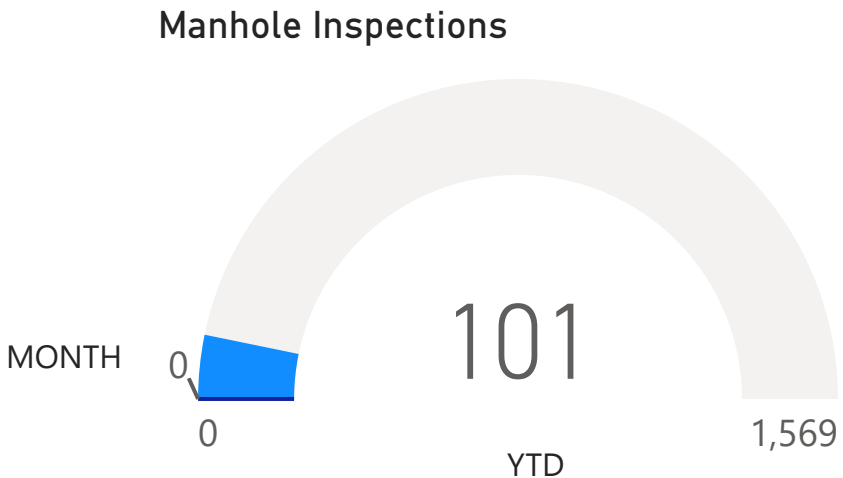
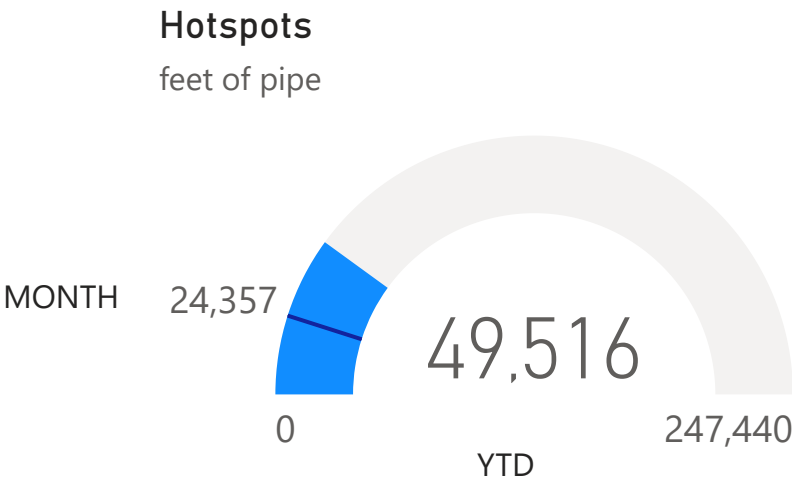
System Flushing  
gallons

45K  
YTD

# Collection System



Asset	Month	YTD
Industrial Waste Inspections	2	4
Lift Station Inspections	91	281
Manhole Repairs	2	5
Odor Complaints	0	0
Root Cutting, feet of pipe	0	47
Root Foaming, feet of pipe	0	0
Sewer Mainline Repairs	0	0
Sewer Pump/Motor Maintenance	2	17
Sewer Service Line Repairs	0	1
Wet Well Cleaning	3	10



Note:

1. The line cleaning objective is a two year cycle to clean the entire system. The current cycle began on 7/1/2024.
2. The TV inspection objective is a five year cycle to inspect the entire system. The current cycle began on 1/25/2021.

**EL TORO WATER DISTRICT  
UNAUTHORIZED DISCHARGE SUMMARY  
YEAR OF 2025**

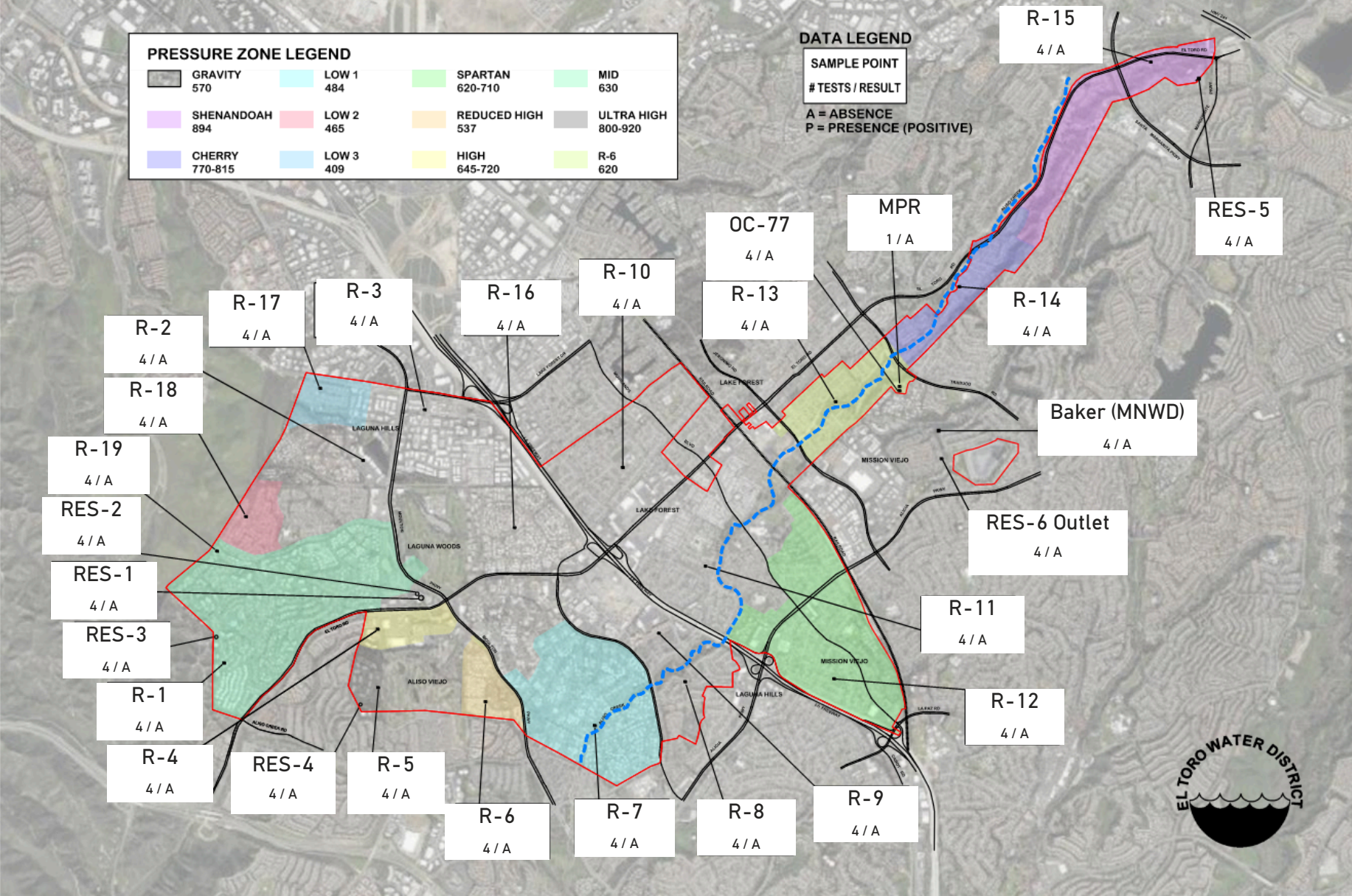
DATE	PUBLIC / PRIVATE	SPILL TYPE	LOCATION	REASON	IMMEDIATE CORRECTIVE MEASURES	POST-INCIDENT PREVENTIVE MEASURES	RWQCB	DISCHARGED TO	SPILL VOLUME (PUBLIC) Gallons		SPILL VOLUME (PRIVATE) Gallons		REGULATORY NOTIFICATION AND RESPONSE
									CONTAINED	SPILLED	CONTAINED	SPILLED	
January	No Spill												
February	No Spill												
March	No Spill												
April													
May													
June													
July													
August													
September													
October													
November													
December													
LEGEND									0	0	0	0	
S.D.C. = San Diego Creek		RES. = Residential		R.S. = Rocks									
S.D. = Storm Drain		C. = Commercial		C.W.D. = Calcium Water Deposits									
A.C. = Aliso Creek		S.B. = Siphon		B.P. = Broken Pipe									
G.B. = Grease Blockage		P.F. = Power Failure		U.W. = Untreated Water									
S. = Sticks		P. = Paper		R. = Roots									



# MICROBIOLOGICAL MONITORING

PRESSURE ZONE LEGEND			
GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

DATA LEGEND	
SAMPLE POINT	
# TESTS / RESULT	
A = ABSENCE	
P = PRESENCE (POSITIVE)	

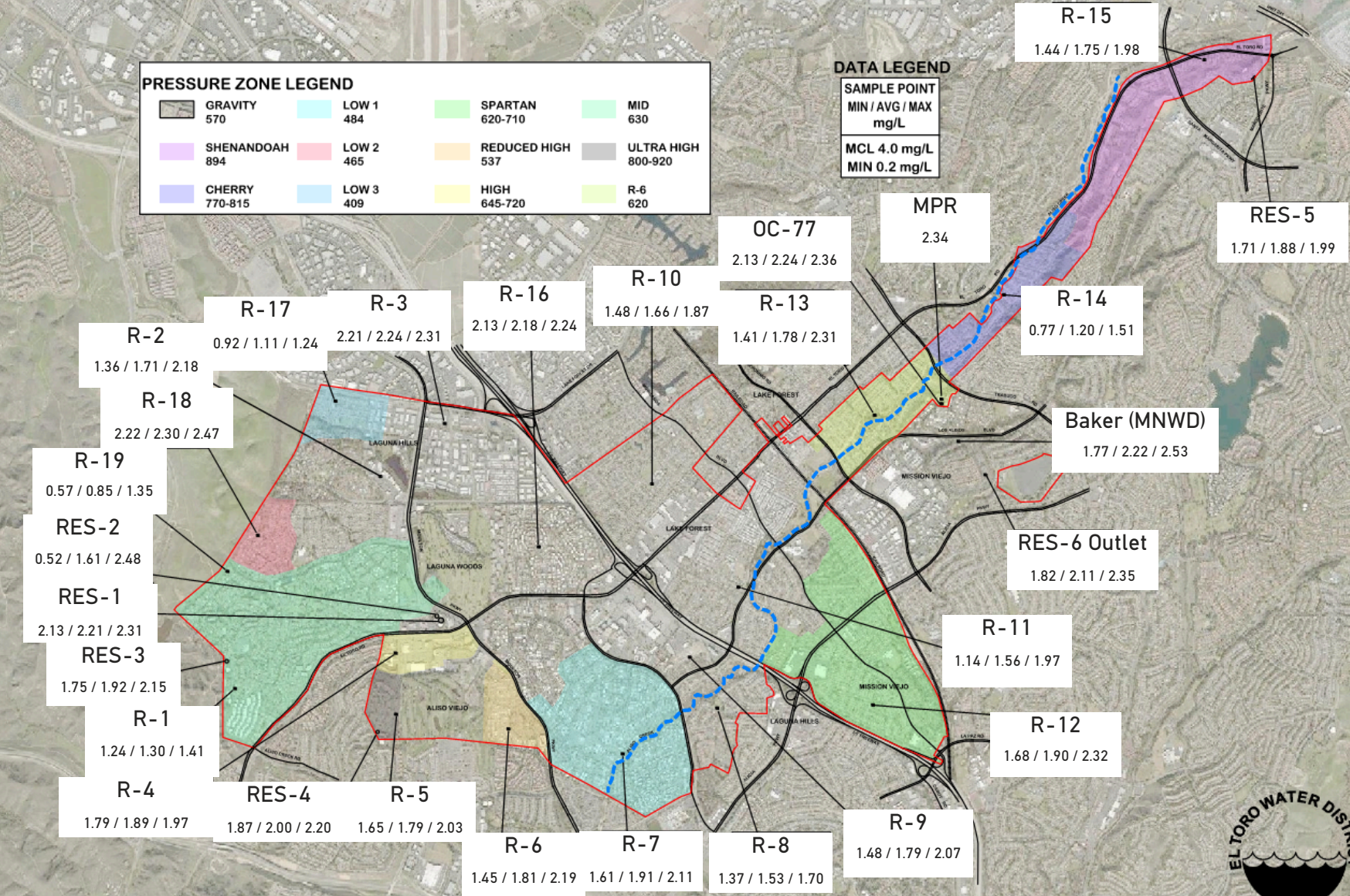




# CHLORINE RESIDUAL MONITORING

PRESSURE ZONE LEGEND			
GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

DATA LEGEND	
SAMPLE POINT	MIN / AVG / MAX mg/L
MCL	4.0 mg/L
MIN	0.2 mg/L

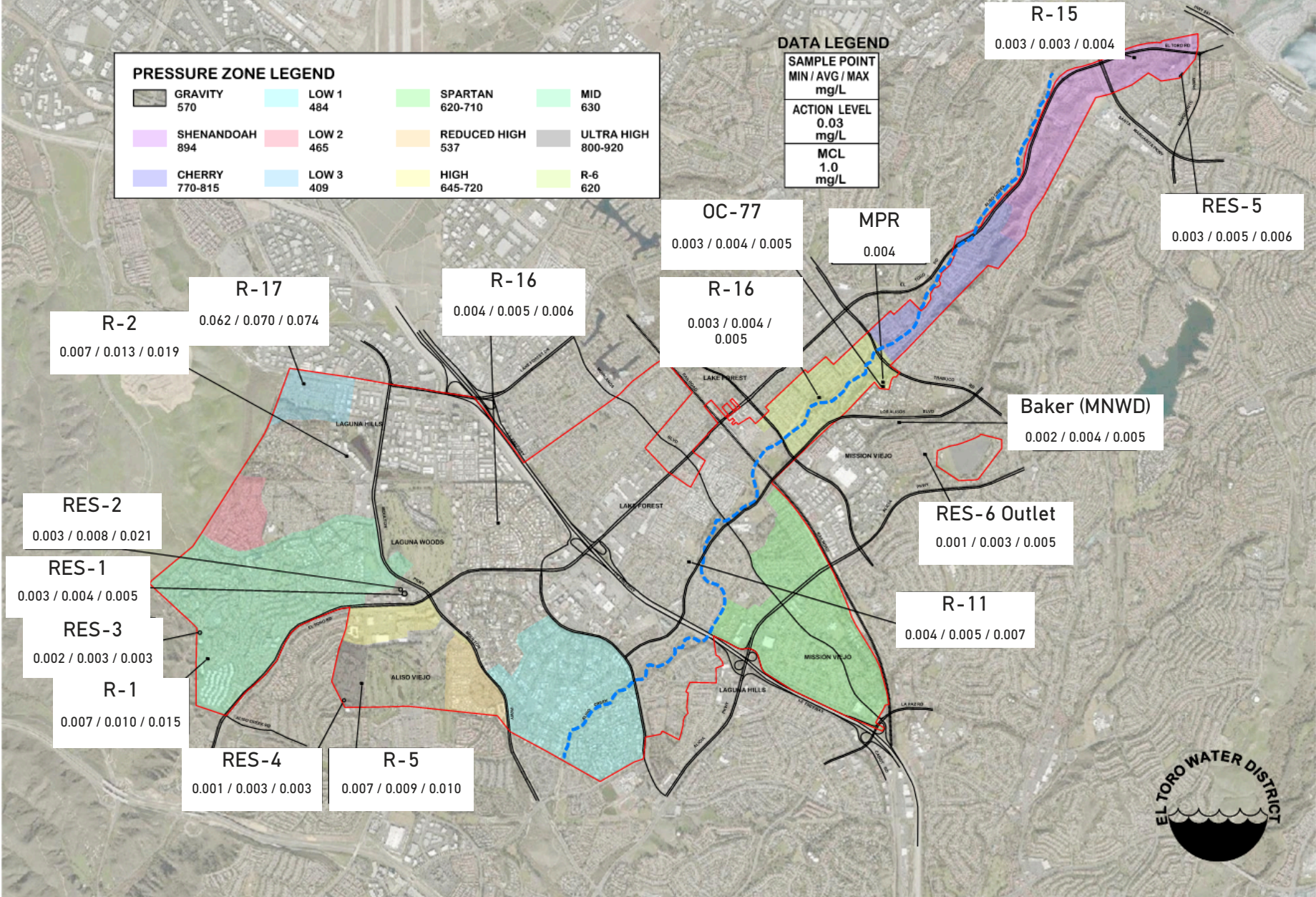




# NITRITE MONITORING

PRESSURE ZONE LEGEND			
GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

DATA LEGEND	
SAMPLE POINT MIN / AVG / MAX mg/L	
ACTION LEVEL 0.03 mg/L	
MCL 1.0 mg/L	



**EL TORO WATER DISTRICT  
MONTHLY POTABLE WATER QUALITY REPORT**

The quality and safety of drinking water in the U.S. is regulated by the federal government through the U.S. Environmental Protection agency (USEPA). In California, those standards are enforced by the California Department of Public Health (CDPH). Water Quality parameters must meet both primary and secondary water quality standards as established by the CDPH.

**PRIMARY STANDARDS** - are intended to protect public health against substances in the water that may be harmful to humans if consumed for long periods of time.

**SECONDARY STANDARDS** - are to ensure esthetic qualities of water such as taste, odor or clarity. Rather than its healthfulness, these standards govern substances that may influence consumer acceptance of water.

Given that 100% of ETWD's potable water resource is fully treated and delivered by Metropolitan Water District of southern California (MWDSC) through an enclosed and protected conveyance system, the majority of the State and federal primary and secondary source water quality monitoring requirements are performed by MWDSC. The District's physical responsibility for water quality monitoring is associated with the distribution system. To monitor the distribution system water quality the District utilizes both in house and outside lab services. Routine distribution analysis conforming to CDPH requirements is conducted for the following constituents:

- 1) **Microbiological** - The number of microbiological samples and the frequency of analysis during the month is based on the population and/or service connections served. Utilizing a population of 50,000, the CDPH requires that 20 "representative" samples be collected and analyzed for coliform bacteria. The objective is to maintain water quality that is absent of coliform bacteria which is a general indicator for the existence of fecal coliform.
- 2) **Chlorine Residual** - The chlorine residual monitoring is performed in conjunction with the microbiological monitoring. The CDPH requirement for treated surface water mandates that the distribution system maintain a "detectable" residual. The number of and frequency of sampling is determined utilizing the same formula applied to microbiological requirements. At a minimum, we are obligated to collect and analyze for chlorine residual each time we collect the representative microbiological samples. Per EPA Disinfectants & Disinfection Byproduct Rule (D/DBP), which was effective January 2002, requires quarterly reporting for all sampling.
- 3) **TTHM & HAA5 Stage 2 DBPR Compliance** The U.S. Environmental Protection Agency (EPA) published the Stage 2 Disinfectants and Disinfection Byproducts Rule (Stage 2 DBPR) on January 4, 2006. The Stage 2 DBPR builds on existing regulations by requiring water systems to meet disinfection byproduct (DBP)\* maximum contaminant levels (MCLs) at each monitoring site in the distribution system to better protect public health. The Stage 2 DBP rule is intended to reduce potential cancer and reproductive and developmental health risks from disinfection byproducts (DBPs) in drinking water, which form when disinfectants are used to control microbial pathogens. This final rule strengthens public health protection for customers of systems that deliver disinfected water by requiring such systems to meet maximum contaminant levels as an average at each compliance monitoring location (instead of as a system-wide average as in previous rules) for two groups of DBPs, trihalomethanes (TTHM) and five haloacetic acids (HAA5). The rule targets systems with the greatest risk and builds incrementally on existing rules. This regulation will reduce DBP exposure and related potential health risks and provide more equitable public health protection. The Stage 2 DBPR is being released simultaneously with the Long Term 2 Enhanced Surface Water Treatment Rule to address concerns about risk tradeoffs between pathogens and DBPs.



The mandatory requirement under the Stage 2 DBP rule, known as an Initial Distribution System Evaluation (IDSE) was completed by ETWD in 2008 and a Stage 2 monitoring plan has been approved by CDPH. Full Stage 2 compliance begins in 2012. The IDSE identified the locations with high disinfection byproduct concentrations. These locations will then be used by the District as the 8 sampling sites for Stage 2 DBP rule compliance monitoring. Compliance with the maximum contaminant levels for two groups of disinfection byproducts (TTHM and HAA5) will be calculated for each monitoring location in the distribution system. This approach, referred to as the locational running annual average (LRAA), differs from current requirements, which determine compliance by calculating the running annual average of samples from all monitoring locations across the system. The Stage 2 DBP rule also requires each system to determine if they have exceeded an operational evaluation level, which is identified using their compliance monitoring results. The operational evaluation level provides an early warning of possible future MCL violations, which allows the system to take proactive steps to remain in compliance. A system that exceeds an operational evaluation level is required to review their operational practices and submit a report to the state that identifies actions that may be taken to mitigate future high DBP levels, particularly those that may jeopardize their compliance with the DBP MCLs.

- 4) **Physical Quality** - Physical Quality analysis is associated with the esthetic qualities of the finished water. Primarily, we are performing analysis for taste, odor and Turbidity (Clarity). In accordance with CDPH requirements, the District collects a minimum of 15 samples per month.
- 5) **Nitrites** - Although the chloramine disinfection process has been effective in controlling TTHM levels, it requires increased monitoring and adjustment as a result of its susceptibility to the Nitrification process. Nitrification is a biological process caused by naturally occurring ammonia oxidizing bacteria. Nitrification in chloraminated drinking water can have various adverse impacts on water quality, the most serious of which is the loss of total chlorine residual which is required by the CDPH and the subsequent potential to increase bacteria-logical activity within the finished or treated water system. MWD has developed an effective nitrification monitoring and prevention program which ETWD staff have adopted and incorporated into the District's daily water quality monitoring and action plan. The number and frequency of this type of monitoring is not currently regulated by CDPH. Staff monitor the level of nitrites in source water, reservoirs and the distribution system daily and weekly in conjunction with the microbiological and chlorine sampling program. A nitrite level of between 0.015 and 0.030 would signal an alert. > 0.030 would require action such as the addition of chlorine to produce a chloramine residual.

EL TORO WATER DISTRICT MONTHLY POTABLE WATER QUALITY ANALYSIS					
MONTH:		March		YEAR : 2025	
CONSTITUENT ANALYSIS		INSIDE LAB		OUTSIDE LAB	
	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	118	Absence		Average
2 Chlorine (ppm) In Field	Detectable Resid	140	*Average = 1.71 ppm		
3 TTHM (ppb) (Stage 2)	80 ppb			8	25.8 ppm
3 HAA5 (ppb) (Stage 2)	60 ppb			8	16.8 ppm
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.01 to 0.08 Res.		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	60°F To 66°F		
5 Nitrite (Alert/Action level) ppm	0.015 to 0.030 ppm	129	0.000 to 0.074		

To ensure water quality compliance, the District annually performs approximately 8,750 water quality analytical evaluations of the samples collected from the distribution system.

**Abbreviations:**

<b>*Average</b>	<b>Monthly sample point CL2 average (R1-R19 &amp; MPR)</b>
<b>RES</b>	<b>Indicates that the nitrification was isolated to a reservoir and treated</b>
<b>ND</b>	<b>None detected</b>
<b>Pres/Absence</b>	<b>Presence (P) or Absence (A) related to a positive or negative bacteriological result</b>
<b>MCL</b>	<b>Maximum Contaminant Level</b>
<b>NTU</b>	<b>Nephelometric Turbidity Units, a measure of the suspended material in the water</b>
<b>ppm</b>	<b>Parts per million</b>
<b>ppb</b>	<b>Parts per billion</b>
<b>Total Coliform</b>	<b>No more than 5% of the monthly samples may be total coliform-positive</b>
<b>N/A</b>	<b>Not available</b>

## 1st/2nd Quarter 2025 Compliance Reports

### March Monthly Reports

<b>2024 Annual Drinking Water Flushing Report</b>	Due March 1st Submitted January 9th	Sent to dmr@waterboards.ca.gov, Dennis Cafferty and Scott Hopkins
<b>HazMat Annual Update</b>	Due March 1st Submitted January 22nd	Submitted Electronically on CERS Website
<b>DOORS Annual Report</b>	Due March 1st Submitted January 30th	Submitted Electronically on DOORS Website
<b>Throughput Data for Fuel Used</b>	Due March 1st Submitted January 16th	Email throughput form as an attachment to rule461throughput@aqmd.gov or Fax to (909)396-3761
<b>February's Surface Water Treatment (Bactis)</b>	Due March 10th Submitted March 4th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>February's Revised Total Coliform Monitoring (Bactis)</b>	Due March 10th Submitted March 4th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>February's Self-Monitoring Report for Recycled Water</b>	Due March 30th Submitted March 25th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>February's Self-Monitoring Report for Planned Discharges</b>	Due March 30th Submitted March 4th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>Annual Reservoir Six Cover Report</b>	Due March 31st Submitted March 26th	Sent to Region 8, Dennis Cafferty and Scott Hopkins

### April Monthly Reports

<b>CIWQS Annual Report</b>	Due April 1st Submitted March 3rd	Submitted Electronically on CIWQS Website
<b>Annual Volumetric Report</b>	Due April 1st Submitted March 6th	Submitted on Geotracker Website
<b>Annual Self Monitoring Report for Recycled Water</b>	Due April 1st Submitted March 13th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>March's Surface Water Treatment (Bactis)</b>	Due April 10th Submitted April 7th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>March's Revised Total Coliform Monitoring (Bactis)</b>	Due April 10th Submitted April 7th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>1st Quarter Stage II Disinfection TTHM/HAA5</b>	Due April 10th Submitted April 7th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>1st Quarter Report of Disinfectant Residuals</b>	Due April 10th Submitted April 7th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>1st Quarter Self Monitoring Report for Recycled Water</b>	Due April 30th	Sent to Region 8, Dennis Cafferty and Scott Hopkins
<b>March's Self Monitoring Report for Planned Discharges</b>	Due April 30th Submitted April 7th	Sent to Region 8, Dennis Cafferty and Scott Hopkins



## Staff Training Log 2025

### First Quarter

Training Topic	Duration/Hrs	Assigned Hrs	Completed Hrs.	Frequency	Modality	Participants
Safety Tailgate Meeting	0.5	189.5	189.5	Weekly	In Person	Field Staff
Defensive Driver	1	41	39	Every 4 Years	In Person	Completed
Distracted Driving	1	58	52	Every 4 Years	Online	All Staff/Assigned
Bloodborne Pathogens	1	58	50	Annual	Online	All Staff/Assigned
Crane Training	24	240	240	Every 5 Years	In Person	Completed
Crane-Rigging/Signalman	4	40	40	Every 2 Years	In Person	Completed
		<b>Total- 626.5</b>	<b>Total- 610.5</b>			

### Second Quarter

Training Topic	Duration/Hrs	Assigned Hrs	Completed Hrs.	Frequency	Modality	Participants
Safety Tailgate Meeting	0.5	31.5	31.5	Weekly	In Person	Field Staff
Fire Prevention	1	58	10	Annual	Online	All Staff/Assigned
Fire Extinguisher	1	58	13	Annual	Online	All Staff/Assigned
SPCC Training	1	41	4	Annual	Online	Field Staff/Assigned
Silica	1	23	0	Annual	In Person	Need to Schedule
Asbestos	2	46	0	Annual	In Person	Need to Schedule
Fit Testing	1	36	0	Annual	In Person	Need to Schedule
Ergonomics	3	174	0	2 Years	In Person	Scheduled
		<b>Total- 467.5</b>	<b>Total- 58.5</b>			

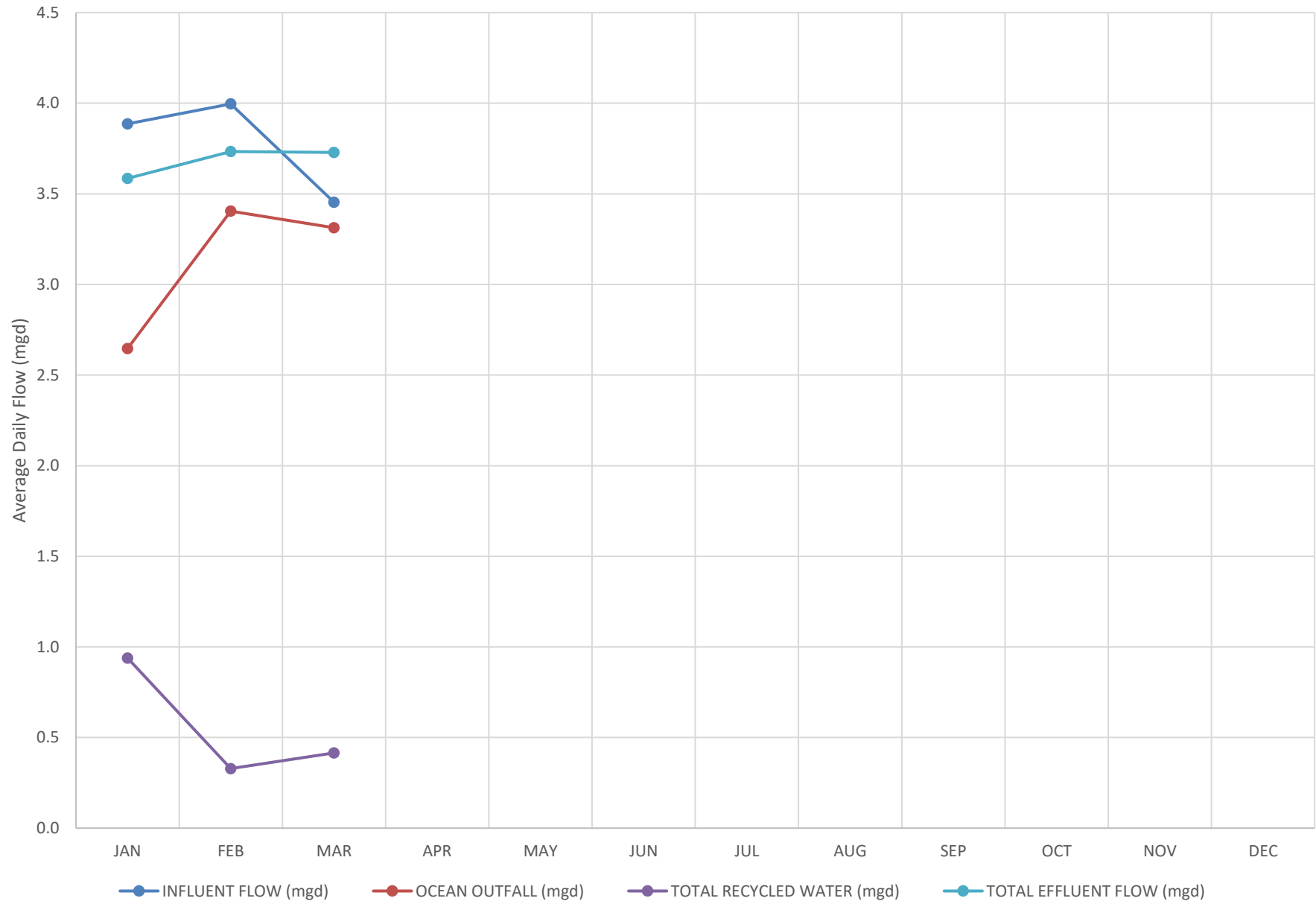


## OPERATIONAL DATA FROM WATER RECYCLING PLANT

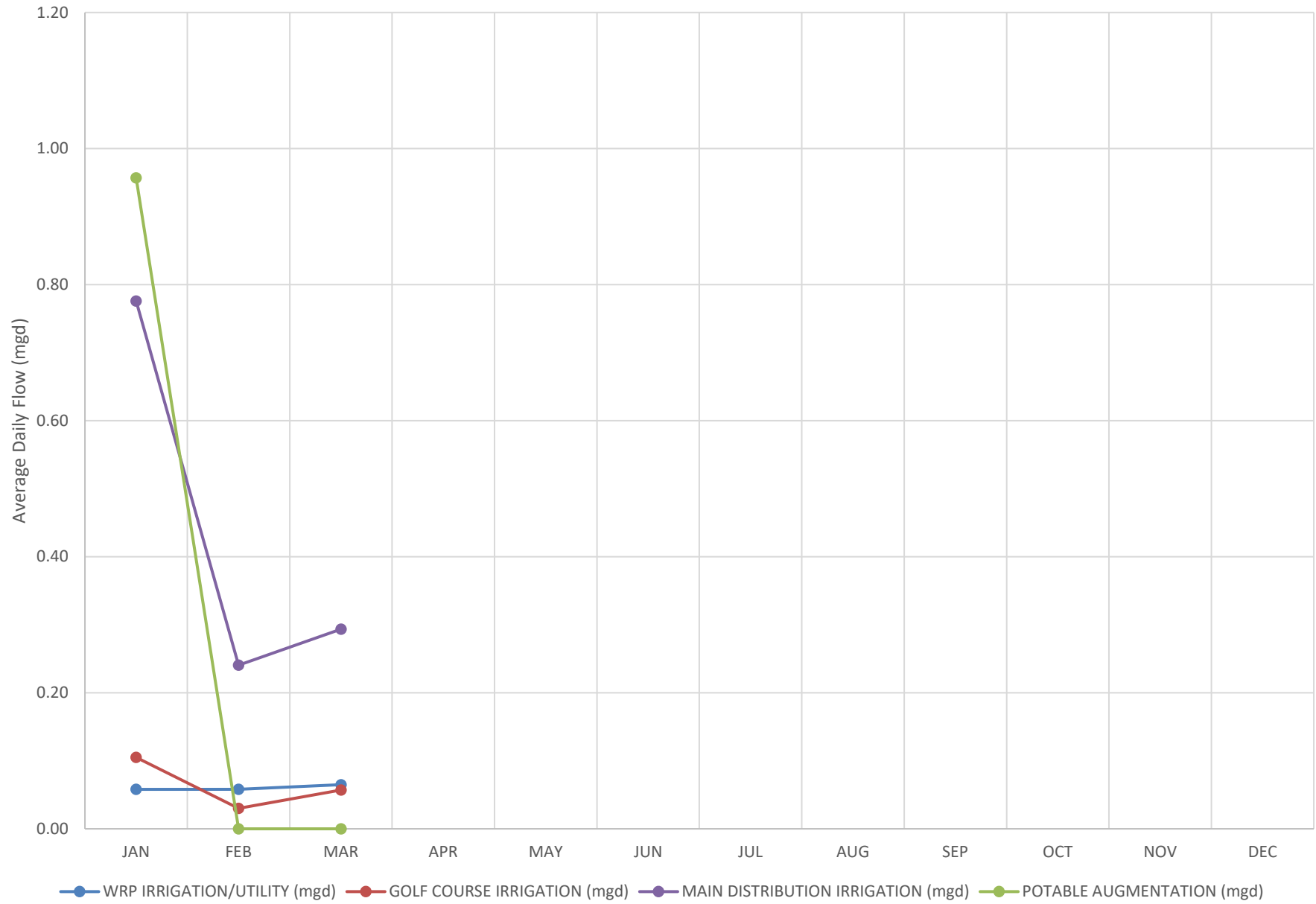
[illegible]



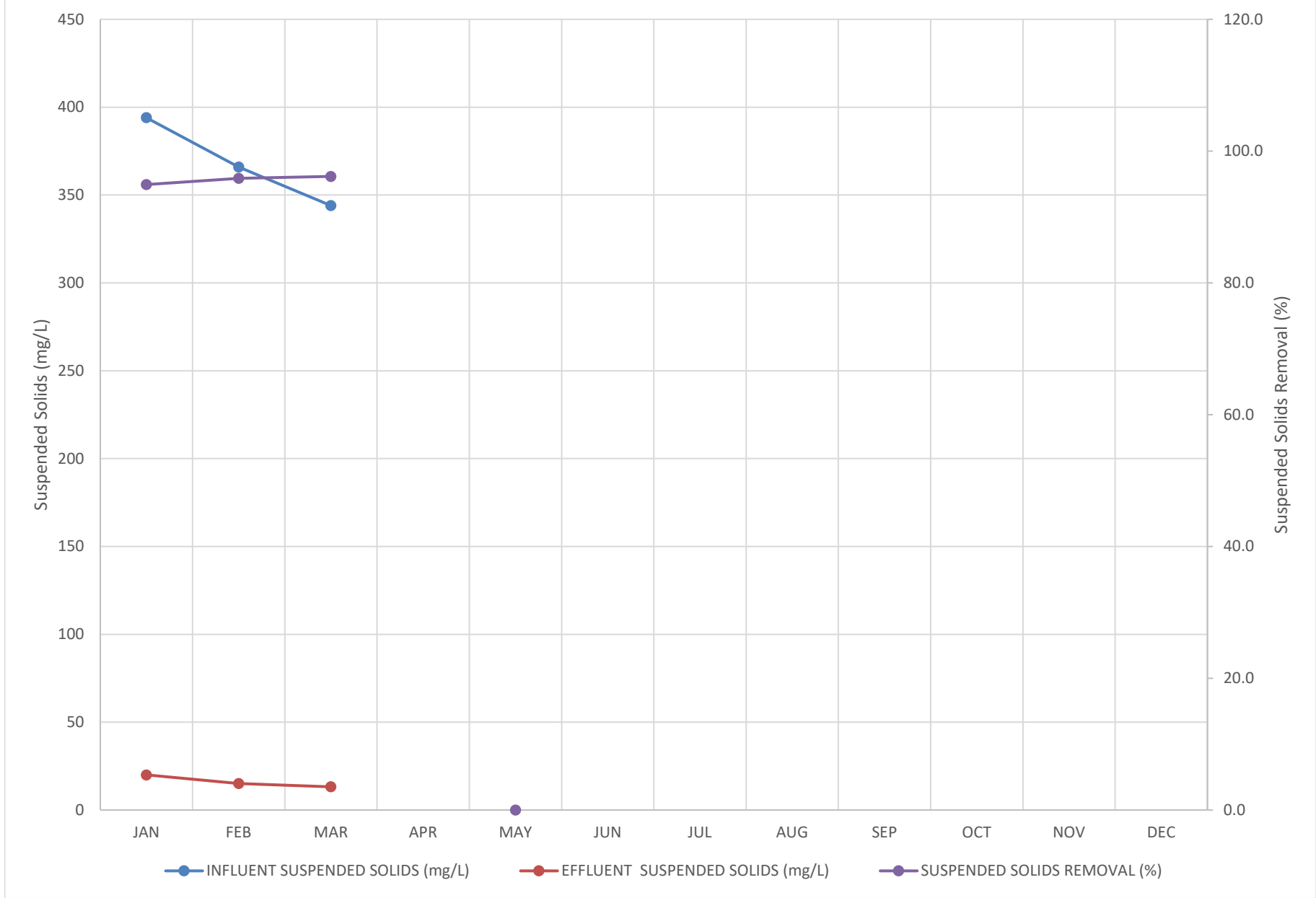
WRP Flow Trends



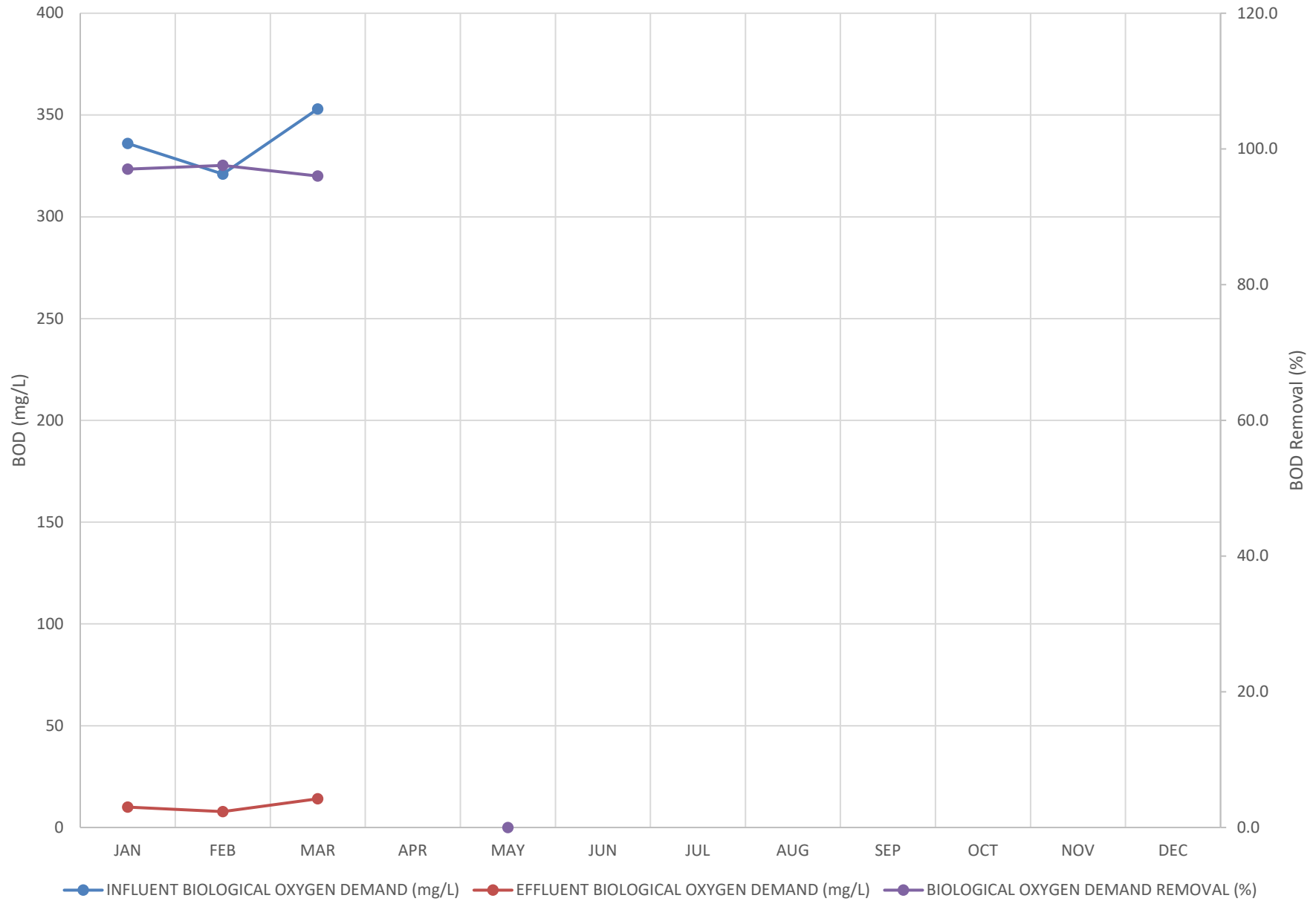
# Recycled Water Flow Trends



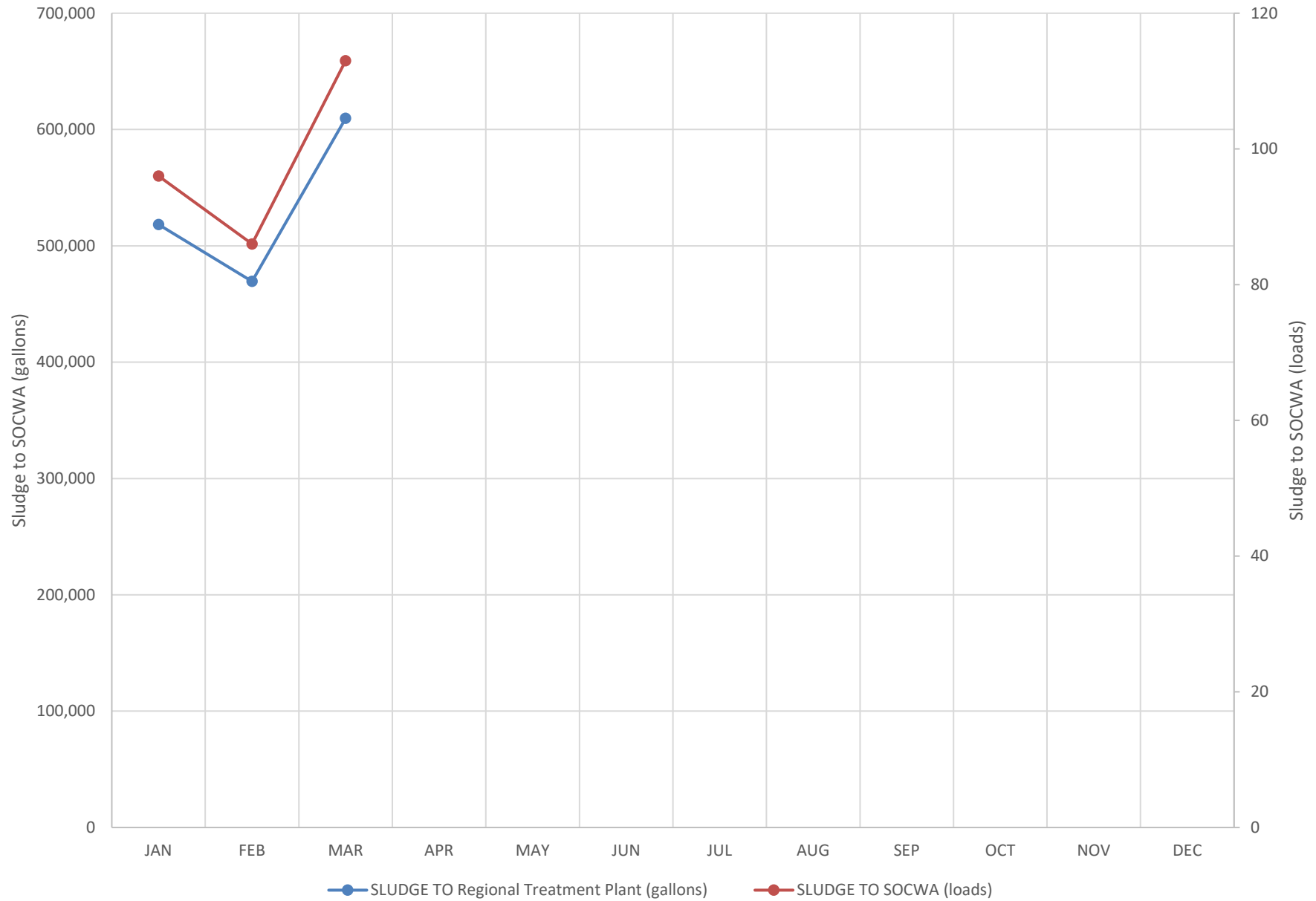
Suspended Solids Trends



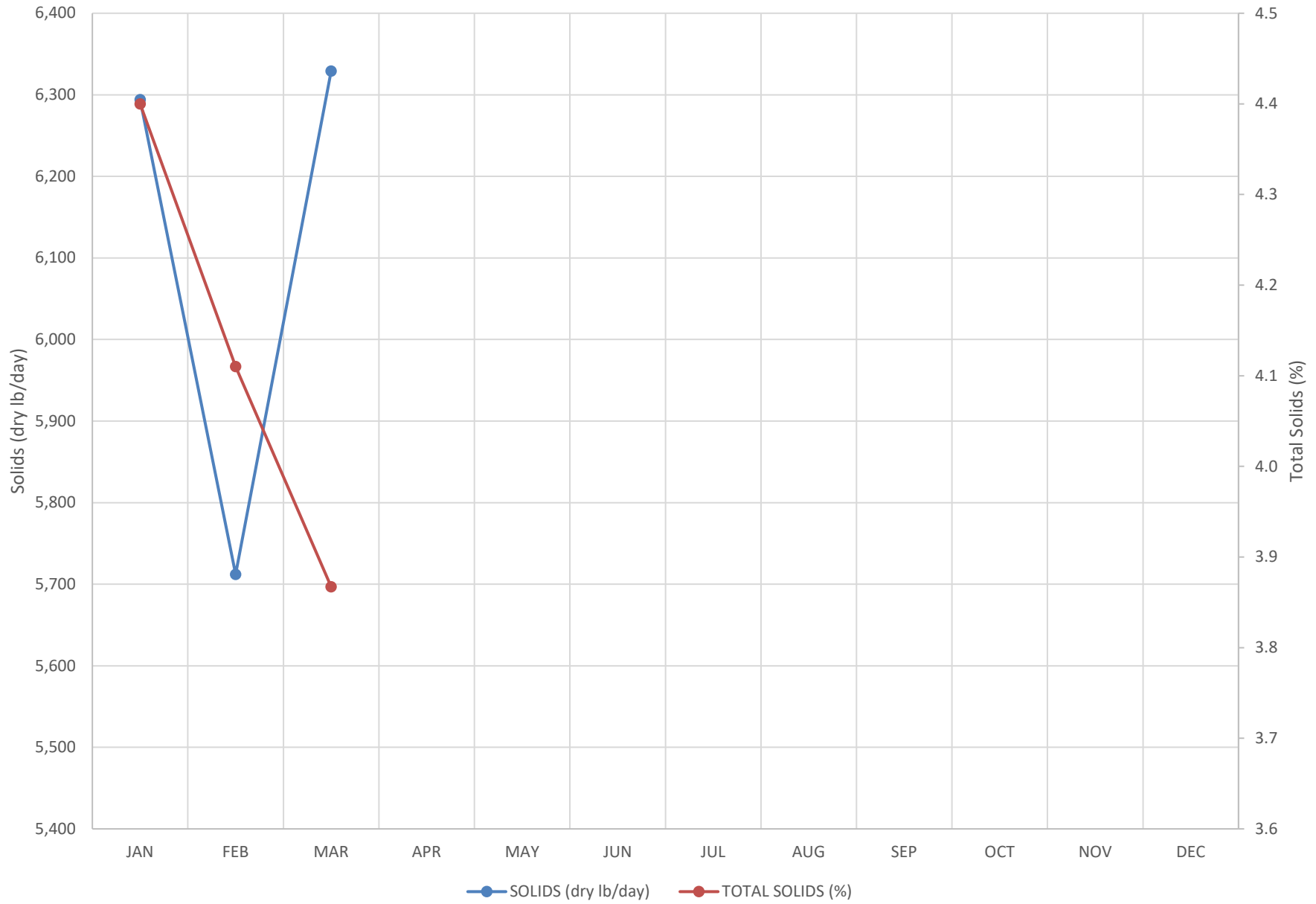
Biological Oxygen Demand (BOD) Trends



## SOCWA Hauling Trends



Solids Trends



# WRP BATTERY STORAGE SYSTEM

## MONTHLY REPORT

March 2025



YEAR	BILLING PERIOD	BILL SAVINGS (\$)	NET SAVINGS (\$)	YEAR TOTAL (\$)
1	08/13/19 - 09/12/19	(917.75)	(2,507.75)	(15,448.23)
	09/12/19 - 10/11/19	3,265.76	1,675.76	
	10/11/19 - 11/13/19	(483.66)	(2,073.66)	
	11/13/19 - 12/13/19	232.10	(1,357.90)	
	12/13/19 - 01/14/20	(2,223.61)	(3,813.61)	
	01/14/20 - 02/12/20	1,004.27	(585.73)	
	02/12/20 - 03/13/20	432.82	(1,157.18)	
	03/13/20 - 04/13/20	(2,953.81)	(4,543.81)	
	04/13/20 - 05/13/20	414.86	(1,175.14)	
	05/13/20 - 06/12/20	3,464.46	1,874.46	
	06/12/20 - 07/15/20	898.72	(691.28)	
	07/15/20 - 08/13/20	497.61	(1,092.39)	
2	08/13/20 - 09/14/20	1,727.18	137.18	21,670.61
	09/14/20 - 10/14/20	1,142.91	(447.09)	
	10/14/20 - 11/13/20	993.16	(596.84)	
	11/13/20 - 12/15/21	1,814.40	224.40	
	12/15/20 - 01/14/21	252.77	(1,337.23)	
	01/14/21 - 02/12/21	2,598.74	1,008.74	
	02/12/21 - 03/16/21	2,545.66	955.66	
	03/16/21 - 04/14/21	442.16	(1,147.84)	
	04/14/21 - 05/13/21	4,658.68	3,068.68	
	05/13/21 - 06/14/21	5,828.63	4,238.63	
	06/14/21 - 07/14/21	7,090.27	5,500.27	
	07/14/21 - 08/12/21	11,656.05	10,066.05	
3	08/12/21 - 09/13/21	3,251.24	1,661.24	31,307.32
	09/13/21 - 10/13/22	4,854.74	3,264.74	
	10/13/21 - 11/12/21	1,835.55	245.55	
	11/12/21 - 12/14/21	1,953.12	363.12	
	12/14/21 - 01/13/22	(624.65)	(2,214.65)	
	01/13/22 - 02/11/22	40.42	(1,549.58)	
	02/11/22 - 03/15/22	647.37	(942.63)	
	03/15/22 - 04/13/22	2,556.61	966.61	
	04/13/22 - 05/13/22	92.84	(1,497.16)	
	05/13/22 - 06/14/22	8,377.93	6,787.93	
	06/14/22 - 07/14/22	20,486.96	18,896.96	
	07/14/22 - 08/12/22	6,915.19	5,325.19	

# WRP BATTERY STORAGE SYSTEM

## MONTHLY REPORT

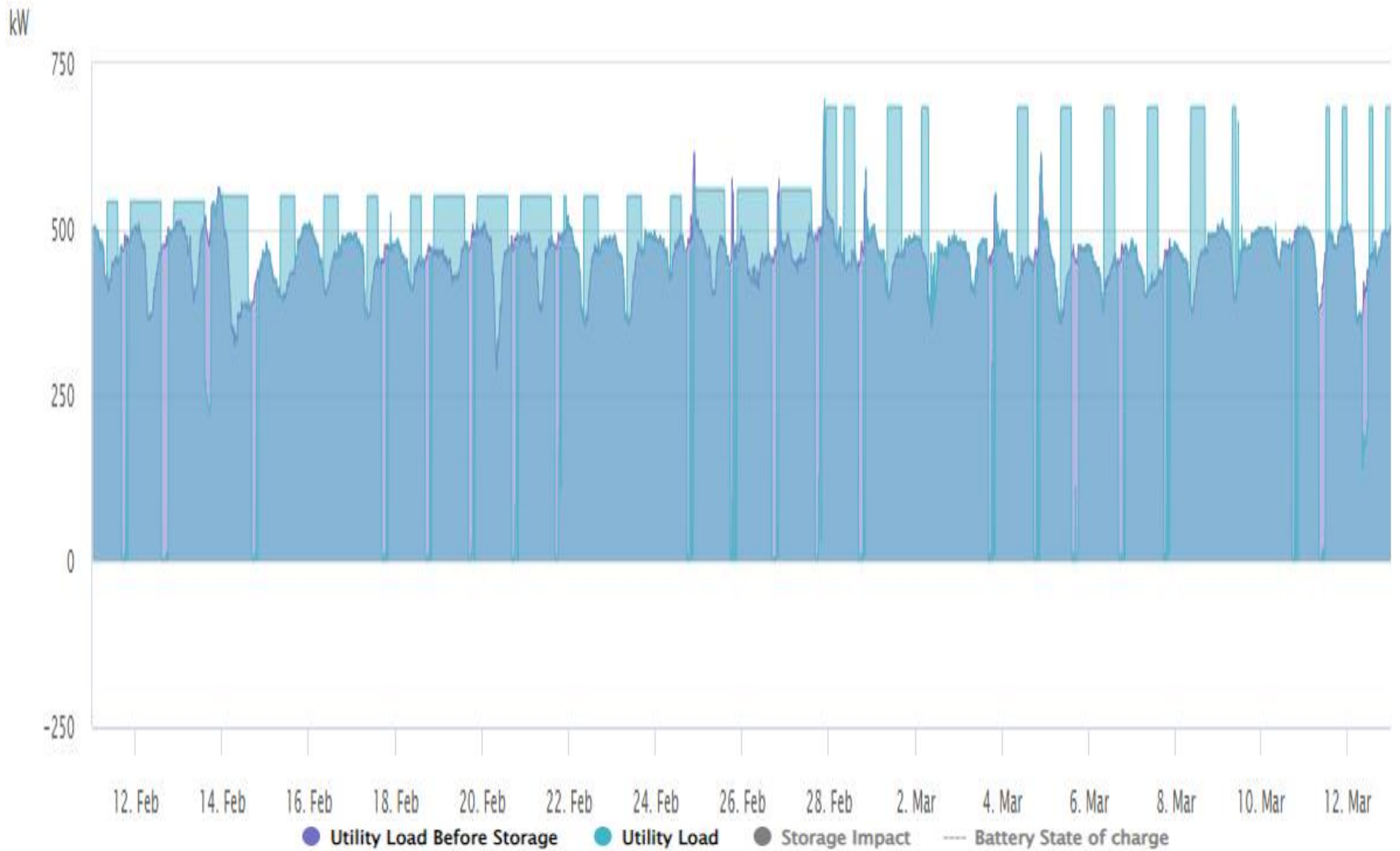
March 2025



YEAR	BILLING PERIOD	BILL SAVINGS (\$)	NET SAVINGS (\$)	YEAR TOTAL (\$)
4	08/12/22 - 09/13/22	8,171.50	6,581.50	
	09/13/22 - 10/13/22	2,943.86	1,353.86	
	10/13/22 - 11/14/22	2,083.92	493.92	
	11/14/22 - 12/14/22	1,960.66	370.66	
	12/14/22 - 01/12/23	(3,571.97)	(5,161.97)	
	01/12/23 - 02/11/23	311.28	(1,278.72)	
	02/11/23 - 03/14/23	2,755.08	1,165.08	
	03/14/23 - 04/12/23	1,994.90	404.90	
	04/12/23 - 05/11/23	(558.88)	(2,148.88)	
	05/11/23 - 06/12/23	6,377.33	4,787.33	
	06/12/23 - 07/13/23	21,318.66	19,728.66	
	07/13/23 - 08/11/23	3,262.26	1,672.26	27,968.60
5	08/11/23 - 09/12/23	1,749.86	159.86	
	09/12/23 - 10/11/23	16,350.56	14,760.56	
	10/11/23 - 11/09/23	4,659.23	3,069.23	
	11/09/23 - 12/12/23	9,302.30	7,712.30	
	12/12/23 - 01/11/24	5,204.44	3,614.44	
	01/11/24 - 02/12/24	(828.52)	(2,418.52)	
	02/14/24 - 03/13/24	(2,433.90)	(4,023.90)	
	03/13/24 - 04/12/24	2,204.14	614.14	
	04/12/24 - 05/13/24	(37.79)	(1,627.79)	
	05/13/24 - 6/12/2024	6,965.53	5,375.53	
	06/12/24 - 7/15/2024	7,871.04	6,281.04	
	07/16/24 - 8/13/2024	(308.78)	(1,898.78)	31,618.11
6	8/13/2024-9/12/2024	5,410.44	3,820.44	
	9/12/2024-10/11/2024	8,270.47	6,680.47	
	10/11/2024-11/12/2024	3,470.89	1,880.89	
	11/12/2024-12/11/2024	2,864.46	1,274.46	
	12/11/2024-01/11/2025	5,471.53	3,881.53	
	01/11/2024-02/11/2025	3,099.11	1,509.11	
	02/11/2024-03/13/2025	513.45	(1,076.55)	
TOTAL		221,616.76		115,086.76



**WRP BATTERY STORAGE SYSTEM**  
**MONTHLY REPORT**  
02/11/24 - 03/13/2025



## Sewerage Treatment Plant



23542 Moulton Pkwy, Laguna Woods, CA 92637

### Savings Report - 2025-03

Feb 11, 2025 - Mar 13, 2025

SCE TOU 8 Option D (< 2kV)

Demand Charges	Before Storage		After Storage		Savings	
Facilities Related - Distribution	691kW	\$14,551.84	696kW	\$14,647.63	(5)kW	\$(95.79)
Facilities Related - Transmission	691kW	\$3,643.10	696kW	\$3,667.08	(5)kW	\$(23.98)
Time Related - Distribution - Winter Mid-Peak	621kW	\$2,273.50	626kW	\$2,290.29	(5)kW	\$(16.79)
Time Related - Utility Retained Generation - Winter Mid-Peak	621kW	\$3,317.03	626kW	\$3,341.53	(5)kW	\$(24.50)
Sub-total		\$23,785.46		\$23,946.53		\$(161.07)

Energy Charges	Before Storage		After Storage		Savings	
Competition Transition Charge	318,345kWh	\$(130.52)	318,613kWh	\$(130.63)	(268)kWh	\$0.11
Competition Transition Charge (URG Component)	318,345kWh	\$130.52	318,613kWh	\$130.63	(268)kWh	\$(0.11)
Distribution - Winter Mid-Peak	69,363kWh	\$1,124.36	38,938kWh	\$630.77	30,425kWh	\$493.59
Distribution - Winter Off-Peak	148,725kWh	\$2,191.78	159,264kWh	\$2,347.79	(10,539)kWh	\$(156.01)
Distribution - Winter Super Off-Peak	100,257kWh	\$1,391.83	120,411kWh	\$1,671.66	(20,154)kWh	\$(279.83)
Fixed Recovery Charge	318,345kWh	\$362.91	318,613kWh	\$363.22	(268)kWh	\$(0.31)
New System Generation Charge	318,345kWh	\$2,037.41	318,613kWh	\$2,039.13	(268)kWh	\$(1.72)
Nuclear Decommissioning Charge	318,345kWh	\$(3.18)	318,613kWh	\$(3.19)	(268)kWh	\$0.00
Public Purpose Programs Charge	318,345kWh	\$8,803.90	318,613kWh	\$8,811.67	(268)kWh	\$(7.77)
PUC Reimbursement Fee	318,345kWh	\$254.68	318,613kWh	\$254.89	(268)kWh	\$(0.21)
State Tax	318,345kWh	\$95.50	318,613kWh	\$95.58	(268)kWh	\$(0.08)
Transmission	318,345kWh	\$283.33	318,613kWh	\$283.57	(268)kWh	\$(0.24)
Utility Retained Generation - Winter Mid-Peak	69,363kWh	\$4,751.38	38,938kWh	\$2,667.28	30,425kWh	\$2,084.10
Utility Retained Generation - Winter Off-Peak	148,725kWh	\$10,251.63	159,264kWh	\$10,978.05	(10,539)kWh	\$(726.43)
Utility Retained Generation - Winter Super-Off-Peak	100,257kWh	\$3,626.29	120,411kWh	\$4,355.27	(20,154)kWh	\$(728.98)
Wildfire Fund Non-Bypassable Charge	318,345kWh	\$1,894.15	318,613kWh	\$1,895.75	(268)kWh	\$(1.60)
Sub-total		\$37,065.97		\$36,391.45		\$674.53

Other Monthly Charges	Before Storage		After Storage		Savings	
Customer Charge		\$469.41		\$469.41		\$ -
Sub-total		\$469.41		\$469.41		\$ -

Total	Before Storage		After Storage		Savings	
		\$61,320.84		\$60,807.39		\$513.45



## STAFF REPORT

**To: Board of Directors**

**Meeting Date: April 21, 2025**

**From: Hannah Ford, Director of Engineering  
Rory Harnisch, Senior Engineer**

**Subject: Capital Project Status Report**

### **I. New Turbo Blower**

Don Peterson Contracting, Inc. (Don Peterson) disconnected the piping and removed the existing blower from its place this month, as shown in Figure 1 and 2. Don Peterson is currently extending the concrete pad and scheduling a brief WRP shutdown to install a blind flange on the blower header. District staff removed some of the electrical wiring and cabinetry to accommodate the mechanical installer's work and is coordinating with the electrical contractor, Halcyon Electric, Inc., to perform the remainder of the electrical work.



**Figure 1 – Disconnecting Suction Piping**



**Figure 2 – Removing Existing Blower**

### **II. Secondary Clarifier No. 3 and No. 4 Drive Replacement Project**

District staff placed the purchase order of the new Secondary Clarifier No. 4 drive last month and anticipates its arrival in June. The access platform for Secondary Clarifier No. 3 is being fabricated, and District staff ordered replacement rake arms. Once all the parts for Secondary Clarifier No. 3 arrive onsite, Don Peterson will install next month.

### **III. Headworks and Secondary Clarifier No. 1 Rehabilitation Project**

The District invited a shortlist of qualified contractors to bid at the end of March. Seven contractors attended the mandatory prebid meeting. District staff are in the process of responding to contractor questions and issuing associated addenda to the contract documents. Bids will be due early June.

District staff issued a Request for Proposals for third party construction management and inspection services. Five consultants attended the pre-proposal meeting. Proposals are due at the end of May, and District staff plan to recommend award with the construction contract in June.

The District continues to work on the grant agreement with ENERGYWERX, who administers the Department of Energy's Industrial Training and Assessment Center Implementation Grant that the District received related to the waste activated cell (WAC) portion of the Headworks and Secondary Clarifier No. 1 Rehabilitation Project. The approved grant amount is \$300,000.

The District is also working with SoCalREN, who offered \$72,210.98 in incentives due to the energy savings the District will realize upon implementation of the Waste Activated Cell bifurcation component of this Project. SoCalREN would pay the District following a performance period after the Project is fully operational.

### **IV. New Warehouse and Asphalt Improvements Projects**

In early April, District staff released the retention payment to the Warehouse contractor, Dumarc, marking the completion of the New Warehouse construction contract.

Staff worked with Convergent Technologies to complete the security and fire monitoring system installation. Staff received final approvals from Orange County Fire Authority after their scheduled final inspection April 14<sup>th</sup>.

District staff continues coordinating with the Air Quality Management District (AQMD) in order for them to install facilities and equipment for the relocated air monitoring station. District staff held a preconstruction meeting in early April with AQMD's contractor. AQMD intends on installing the concrete equipment pad and mobilizing a crane to install the air monitoring station container in late May. Once the container is set atop the concrete pad, AQMD will temporarily demobilize to allow District staff to complete the asphalt paving project. AQMD will return to the site in early July to finalize equipment installation and place into operation.

Staff is coordinating with the site paving contractor, PaveWest Inc, (PaveWest) on contracting and schedule, to start work in late May upon completion of AQMD's container delivery and installation. Paving work is scheduled for completion late June.

**V. Main Office Warehouse Drainage Improvement Project**

District staff continues working with the contractor, GCI, in the submittal phase of the project. GCI is scheduled to begin construction in May with a completion date in August. Staff secured a contract with GMU Pavement Engineers for backfill observation and soils compaction testing.

**VI. R-6 Reservoir Southern Slope Stabilization Project**

The design engineer's, Dudek's, subconsultants conducted geotechnical and surveying work on site this month. District staff plan to review results from the geotechnical evaluation this month and use those results to inform a 60% design submittal.

**VII. Aliso Creek Lift Station Improvements Project**

District staff met with the designer, Tetra Tech, to discuss the design as they progress toward the 90% design milestone at the end of May 2025. District staff also met with Village Maintenance Service (VMS) staff on site to discuss some design and construction sequencing considerations. Following this meeting, the District will work with VMS to present the project to the Golden Rain Foundation and United at their Board meetings.

FEMA issued a notice of funding opportunity for the Hazard Mitigation Grant Program (HMGP) in early April, and District staff attended a workshop this month by the California Office of Emergency Services (CalOES) on how to access the funding. While District staff already completed the majority of the subapplication in anticipation of this funding, District staff are working with a consultant, West Yost, to assist with the benefit-cost analysis. The complete subapplication is due to CalOES in September 2025. CalOES reviews each subapplication, interacts with applicants via requests for information as necessary, and packages its recommendations to FEMA in Spring 2026. FEMA starts to review the state recommendations in Fall 2026 and may take up to two years to complete its review, especially for larger projects. Therefore, FEMA may not issue a notice of award until Fall 2028.

District staff continue to work with Rincon Consultants, Inc., (Rincon) on the environmental compliance component of the Project. Staff filed the draft IS-MND for public review on March 7<sup>th</sup>, and the 32-day public review period ended on April 7<sup>th</sup> with no public comments. Rincon is now finalizing the IS-MND so that District staff can present the final document for Board adoption at the May Engineering Committee meeting.

**VIII. Tertiary Disinfection Optimization Project**

The District is monitoring its real-time operational data to confirm secondary effluent ammonia levels remain well below the 0.5 mg/L as N threshold that the Division of Drinking Water (DDW) required in its conditional approval letter. If the evaluation confirms this setpoint is acceptable, the District will pursue next steps in implementing free chlorine disinfection operations at the WRP.

**IX. Ocean Outfall Pump Station (OOPS) Motor Control Center (MCC) and Valve Rehabilitation Project**

The District received the MCC but awaits the Automatic Transfer Switch (ATS), which currently has a ship date of July 1<sup>st</sup>. Upon receipt of the ATS, District staff will develop contract documents in-house and solicit bids from electrical contractors. District staff plan to recommend Board award of the installation contract in July, and construction will take place in August.

**X. Westline Lift Station Main Switchboard Replacement Project**

The District received the new Main Switchboard (MSB) for Westline Lift Station ahead of schedule. District staff are developing in-house design drawings to coordinate with Southern California Edison (SCE) for approval due to the modification of utility power both temporarily during construction and ultimately following installation of the new MSB. SCE requires three months to review drawings after submission. In parallel to SCE's review, District staff will use the design drawings to solicit competitive bids from electrical contractors and recommend Board award in August. Construction will take place in September.

**XI. Freeway Electrical Equipment Replacement**

District staff placed the purchase order for the new MSB, MCC, safety switch, and meter box at the end of August 2023. The MSB arrived at the end of August 2024 while the remaining components are delayed and will arrive early July 2025.

District staff are developing in-house design drawings to coordinate with SCE for approval and to solicit competitive bids from electrical contractors. During construction, this Project will use the same temporary meter for utility power as the Westline MSB Replacement Project. Anticipated recommendation for award is in September 2025 so that construction can take place after the Westline MSB Replacement Project in October 2025.

**XII. Asset Management Program**

District staff are working on integrating the asset management system with the Computerized Maintenance Management System (CMMS). District staff are interacting with a short list of vendors to further evaluate their software and potentially implement one of the interviewed solutions to maintain real-time validity of asset data.

The next step in asset management will focus on the water distribution system. District staff is working on a scope of work with the consultant, Hazen and Sawyer, to develop the water distribution system asset management plan.

**XIII. Energy Efficiency Analysis**

District staff are developing the potential HydroXS energy recovery turbine at the Main Pressure Reducing Station (MPR) with InPipe Energy. InPipe Energy is submitting an interconnection agreement to Southern California Edison (SCE) to confirm feasibility of the project at no cost to the District.

District staff continue to work with TerraVerde Energy (TerraVerde) to analyze potential solar and battery energy efficiency projects at the WRP and P-1 Pump Station. TerraVerde is assisting the District in pursuit of funding from SCE's Self-Generation Incentive Program (SGIP) for battery projects at OOPS and P-1. The SGIP application fees of \$25,537 for OOPS and \$41,770 for P-1 are due in May. These fees are fully refundable for a 240-day period should the District decide to no longer pursue the projects. District staff are considering amending TerraVerde's contract to include scope to develop a request for proposals from vendors for these projects.

District staff continue to explore additional energy efficiency opportunities with SoCalREN and SW WISE to discuss potential energy efficiency opportunities.

F.Y. 2024/25 CAPITAL IMPROVEMENT PROGRAM BUDGET ITEMS > \$50,000  
BOARD APPROVAL SCHEDULE

Category	Project Description	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	CIP Budget	Board Approved Cost
2024/25 Capital Projects															
	Regional Potable Reuse Implementation Plan	Pending grant award												\$0	
	OOPS MCC and Valve Replacement Project					O								\$191,000	
	Lead and Copper Rule Revision Service Line Inventories	E	E	E	E									\$141,607	\$138,607
	Main Office Warehouse Improvements Project		E	E	E	E	B	A	C	C	C	C	C	\$0	\$282,782
	Secondary Clarifier No. 3 and 4 Drive Replacement Project				O	B	A	C	C	A	C	C	C	\$0	\$206,083
	R-6 Reservoir Southern Slope Stabilization Project									E	E	E	E	\$0	
2024/25 Capital Equipment															
	Cherry Booster Station Pump & Motor Replacement				A					R	C			\$167,000	\$166,823
	R-4 Reservoir Mixing System Replacement								E	E	O	C	C	\$70,000	
	Westline Main Switchboard Replacement	O				R					E	E	E	\$149,000	
	Westline Generator Unit 213 Replacement										E	E	E	\$267,000	
	DAF No. 1 MCC Replacement	A								B / R	C	C	C	\$149,000	\$65,536
	Additional Tertiary Filter Disks	A					R	C	C	C				\$92,000	\$88,617
	WRP Unit 290 Radiator Replacement	A		R										\$150,000	\$144,388
	New Turbo Blower					B	B	A	R	C	C	C	C	\$631,000	\$594,422
	F-550 with Valve Maintenance Skid		A											\$206,000	\$180,742
	Documentum Replacement / Corporate Intranet Development										O	R		\$61,000	
Previous Fiscal Year Carryover															
	P-3 Pump Station Rehabilitation	Pending grant award												\$0	
	Moulton/EI Toro Cathodic Protection Study	E	E											\$145,000	
	Headworks and Secondary Clarifier Rehabilitation	E	E	E	E	E	E	E	E	B	B	B	A	\$1,998,800	
	Grit Chamber Rehabilitation	C	C	C	C	C	C	C	C	C				\$1,046,502	\$1,015,760
	Aliso Creek Pump Station Rehabilitation Project	E	E / RFP	A	E	E	E	E	E	E	E	A	E	\$600,000	\$484,000
	Asset Management	ET	ET	ET	ET	ET	ET	ET	ET	ET	ET	A		\$100,000	
	New Warehouse	C	C	C	C	C	C	C	C	C	C	C	C	\$2,624,495	\$2,149,842
	Freeway Electrical Equipment Replacement										E	E	E	\$263,362	\$155,646
	Tertiary Disinfection Optimization Project	E	E	E	E	E	E	E	E	E	E	E	E	\$132,000	
	Caltrans I-5 Widening Utility Relocations	C	C											\$0	\$627,365
Total														\$8,852,159	\$5,673,142

Key:		Abbreviations:			
	Water	A = Approve by Board	E = Engineering/Study	O = Order	
	Wastewater	B = Bid	ET = Evaluate	P = Permit	
	Recycled Water	BP = Board Presentation	L = Legal	RFP = Request for Proposal	
	Split between All Departments	C = Construction	N = Negotiate	R = Receive	
	Board Involvement				



**EL TORO WATER DISTRICT**  
Glossary of Water Terms

Accumulated overdraft: The amount of water necessary to be replaced in the intake area of the groundwater basin to prevent the landward movement of ocean water into the fresh groundwater body.

Acre-foot, AF: A common water industry unit of measurement. An acre-foot is 325,851 gallons, or the amount of water needed to cover one acre with water one foot deep. An acre-foot serves annual needs of two typical California families.

ACWA: Association of California Water Agencies. A statewide group based in Sacramento that actively lobbies State and Federal Government on water issues.

Advanced treatment: Additional treatment processes used to clean wastewater even further following primary and secondary treatment. Also known as tertiary treatment.

AFY: Acre-foot per year.

Alluvium: A stratified bed of sand, gravel, silt, and clay deposited by flowing water.

AMP: Allen McCulloch pipeline. Major pipeline transporting treated water to water districts between Yorba Linda, where it starts to El Toro Water District reservoir, where it terminates.

Annexation: The inclusion of land within a government agency's jurisdiction.

Annual overdraft: The quantity by which the production of water from the groundwater supplies during the water year exceeds the natural replenishment of such groundwater supplies during the same water year.

Aqueduct: A man-made canal or pipeline used to transport water.

Aquifer: An underground geologic formation of rock, soil or sediment that is naturally saturated with water; an aquifer stores groundwater.

Arid: Dry; deserts are arid places. Semi-arid places are almost as dry as a desert.

Artesian: An aquifer in which the water is under sufficient pressure to cause it to rise above the bottom of the overlying confining bed, if the opportunity is provided.

Artificial recharge: The addition of surface water to a groundwater reservoir by human activity, such as putting surface water into recharge basins. (See also: groundwater recharge and recharge basin.)

AWWA: American Water Works Association. Nationwide group of public and private water purveyors and related industrial suppliers.

Base flow: The portion of river surface flow which remains after deduction of storm flow and/or purchased imported water.

Bay-Delta: The Sacramento-San Joaquin Bay-Delta is a unique natural resource of local, state and national significance. The Delta is home to more than 500,000 people; contains 500,000 acres of agriculture; provides habitat for 700 native plant and animal species; provides water for more than 25 million Californians and 3 million acres of agriculture; is traversed by energy, communications and transportation facilities vital to the economic health of California; and supports a \$400 billion economy.

BIA: Building Industry Association

Biofouling: The formation of bacteria film (biofilm) on fragile reverse osmosis membrane surfaces.

Biosolids: Solid organic matter recovered from a sewage treatment process and used especially as fertilizer.

BMP: Best Management Practice. An engineered structure or management activity, or combination of these, that eliminates or reduces adverse environmental effects.

Brackish water: A mixture of freshwater and saltwater

Brown Act: Ralph M. Brown Act enacted by the State legislature governing all meetings of legislative bodies. Also known as Open Meeting Requirements.

Canal: A ditch used to move water from one location to another.

CASA: California Association of Sanitation Agencies. The sanitation equivalent of ACWA concerned solely with issues affecting the treatment and disposal of solid waste and wastewater.

CEQA: California Environmental Quality Act.

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act. This federal law establishes the Superfund program for hazardous waste sites. It provides the legal basis for the United States EPA to regulate and clean up hazardous waste sites, and if appropriate, to seek financial compensation from entities responsible for the site.

CFS: Cubic feet per second.

Chloramines: A mixture of ammonia and chlorine used to purify water.

Clarify: To make clear or pure by separation and elimination of suspended solid material.

Coagulation: The clumping together of solids so they can more easily be settled out of or filtered out of water. A chemical called aluminum sulfate (alum) is generally used to aid coagulation in water treatment and reclamation.

Coastkeepers: A non-profit organization dedicated to the protection and preservation of the marine habitats and watersheds of Orange County through programs of education, restoration, enforcement and advocacy.

Colored Water: Groundwater extracted from the basin that is unsuitable for domestic use without treatment due to high color and odor exceeding drinking water standards.

Condensation: The process of water vapor (gas) changing into liquid water. An example of condensation can be seen in the tiny water droplets that form on the outside of a glass of iced tea as warmer air touches the cooler glass.

Confined aquifer: An aquifer that is bound above and below by dense layers of rock and contains water under pressure.

Conjunctive use: Storing imported water in a local aquifer, in conjunction with groundwater, for later retrieval and use.

Contaminate: To make unclean or impure by the addition of harmful substances.

CPCFA: California Pollution Control Financing Authority. State agency providing funds for wastewater reclamation projects.

Crisis:

1. A: The turning point for better or worse B. a paroxysmal attack of pain, distress, or disordered function C. an emotionally significant event or radical change of status in a person's life < a midlife crisis>
2. The decisive moment (as in a literary plot)
3. A: An unstable or crucial time or state of affairs in which a decisive change is impending; especially one with the distinct possibility of a highly undesirable outcome < a financial crisis> B. a situation that has reached a critical phase

CTP: Coastal Treatment Plant

CWPCA: California Water Pollution Control Association. A 7000-member non-profit educational organization dedicated to water pollution control.

Dam: A barrier built across a river or stream to hold water.

Decompose: To separate into simpler compounds, substances or elements.

Deep percolation: The percolation of surface water through the ground beyond the lower limit of the root zone of plants into a groundwater aquifer.

Degraded water: Water within the groundwater basin that, in one characteristic or another, does not meet primary drinking water standards.

Delta: Where the rivers empty; an outlet from land to ocean, also where the rivers deposit sediment they carry forming landforms.

Delta Vision: Delta Vision is intended to identify a strategy for managing the Sacramento- San Joaquin Delta as a sustainable ecosystem that would continue to support environmental and economic functions that are critical to the people of California.

Demineralize: To reduce the concentrations of minerals from water by ion exchange, distillation, electro-dialysis, or reverse osmosis.

De-nitrification: The physical process of removing nitrate from water through reverse osmosis, microfiltration, or other means.

Desalting (or desalination): Removing salts from salt water by evaporation or distillation. Specific treatment process, such as reverse osmosis or multi-stage flash distillation, to demineralize seawater or brackish (saline) waters for reuse. Also, sometimes used in wastewater treatment to remove salts other pollutants.

Desilting: The physical process of removing suspended particles from water.

Dilute: To lessen the amount of a substance in water by adding more water

Disinfection: Water treatment which destroys potentially harmful bacteria.

Drainage basin: The area of land from which water drains into a river, for example, the Sacramento River Basin, in which all land area drains into the Sacramento River. Also called catchment area, watershed, or river basin.

Drought: A prolonged period of below- average precipitation.

DPHS: California Department of Public Health Services. Regulates public water systems; oversees water recycling projects; permits water treatment devices; certifies drinking water treatment and distribution operators; supports and promotes water system security; provides support for small water systems and for improving technical, managerial, and financial (TMF) capacity; provides funding opportunities for water system improvements.

DVL: Diamond Valley Lake. Metropolitan's major reservoir near Hemet, in southwestern Riverside County.

DWR: California Department of Water Resources. Guides development/management of California's water resources; owns/operates State Water Project and other water facilities.

Endangered Species: A species of animal or plant threatened with extinction.

Endangered Species Act of 1973 (ESA): The most wide-ranging of the dozens of United States environmental laws passed in the 1970's. As stated in section 2 of the act, it was designed to protect critically imperiled species from extinction as a "consequence of economic growth and development untended by adequate concern and conservation.

Ecosystem: Where living and non-living things interact (coexist) in order to survive.

Effluent: Wastewater or other liquid, partially or completely treated or in its natural state, flowing from a treatment plant.

Evaporation: The process that changes water (liquid) into water vapor (gas).

Estuary: Where fresh water meets salt water.

Evapotranspiration: The quantity of water transpired (given off), retained in plant tissues, and evaporated from plant tissues and surrounding soil surface. Quantitatively, it is expressed in terms of depth of water per unit area during a specified period of time.

FCH: Federal Clearing House – Environmental Review/Processing

FEMA: Federal Emergency Management Agency

Filtration: The process of allowing water to pass through layers of a porous material such as sand, gravel or charcoal to trap solid particles. Filtration occurs in nature when rain water soaks into the ground and it passes through hundreds of feet of sand and gravel. This same natural process of filtration is duplicated in water and wastewater treatment plants, generally using sand and coal as the filter media.

Flocculation: A chemical process involving addition of a coagulant to assist in the removal of turbidity in water.

Forebay: A reservoir or pond situated at the intake of a pumping plant or power plant to stabilize water level; also, a portion of a groundwater basin where large quantities of surface water can recharge the basin through infiltration.

Gray water reuse: Reuse, generally without treatment, of domestic type wastewater for toilet flushing, garden irrigation and other non-potable uses. Excludes water from toilets, kitchen sinks, dishwashers, or water used for washing diapers.

Green Acres Project (GAP): A 7.5 million gallons per day (MGD) water reclamation project that serves tertiary treated recycled water to irrigation and industrial users in Costa Mesa, Fountain Valley, Huntington Beach, Newport Beach, and Santa Ana.

God Squad: A seven-member committee that is officially called the “Endangered Species Committee”. Members consist of Secretary of the Interior, the Secretary of Agriculture, the Secretary of the Army, the Chairman of the Council of Economic Advisers, the Administrator of the National Oceanic and Atmospheric Administration and one individual from the affected state. The squad was established in 1978 by an amendment to the 1973 Endangered Species Act (ESA). It has only been called into action three times to deal with proposed federal agency actions that have been determined to cause “jeopardy” to any listed species.

Groundwater: Water that has percolated into natural, underground aquifers; water in the ground, not water puddled on the ground.

Groundwater basin: A groundwater reservoir defined by the overlying land surface and the underlying aquifers that contain water stored in the reservoir. Boundaries of success-ively deeper aquifers may differ and make it difficult to define the limits of the basin.

Groundwater mining: The withdrawal of water from an aquifer in excess of recharge over a period of time. If continued, the underground supply would eventually be exhausted or the water table could drop below economically feasible pumping lifts.

Groundwater overdraft: The condition of a groundwater basin in which the amount of water withdrawn by pumping exceeds the amount of water that recharges the basin over a period of years during which water supply conditions approximate average.

Groundwater recharge: The action of increasing groundwater storage by natural conditions or by human activity. See also: Artificial recharge.

Ground water replenishment system (GWRS): A joint project of the Orange County Water District and the Orange County Sanitation District that will provide up to 1000,000 acre-feet of reclaimed water annually. The high-quality water will be used to expand an existing underground seawater intrusion barrier and to replenish the groundwater basin underlying north and central Orange County.

Groundwater table: The upper surface of the zone of saturation (all pores of subsoil filled with water), except where the surface is formed by an impermeable body.

GPM: Gallons per minute.

Ground Water Replenishment System (GWRS): Orange County Water District's state of the art, highly advanced, waste-water treatment facility.

Hydrologic balance: An accounting of all water inflow to, water outflow from, and changes in water storage within a hydrologic unit over a specified period.

Hydrologic cycle: The process of water constantly circulating from the ocean, to the atmosphere, to the earth in a form of precipitation, and finally returning to the ocean.

Imported water: Water that has originated from one hydrologic region and is transferred to another hydrologic region.

Inflatable rubber dams: Designed to replace temporary sand levees that wash out during heavy storm flow, the dams hold back high-volume river flows and divert the water into the off-river system for percolation.

Influent: Water or wastewater entering a treatment plant, or a particular stage of the treatment process.

Irrigation: Applying water to crops, lawns or other plants using pumps, pipes, hoses, sprinklers, etc.

JPIA: Joint Powers Insurance Authority. A group of water agencies providing self-insurance to member of the ACWA.

LAI: Local Agency Investment Fund. Statewide pool of surplus public agency money managed by state treasurer.

Leach: to remove components from the soil by the action of water trickling through.

MAF: Million-acre feet.

MCL: Maximum contaminant level set by EPA for a regulated substance in drinking water. According to health agencies, the maximum amount of a substance that can be present in water that's safe to drink and which looks, tastes and smells good.

MET: Metropolitan Water District of Southern California.

MGD: Million gallons per day.

Microfiltration: A physical separation process where tiny, hollow filaments members separate particles from water.

Microorganism: An animal or plant of microscopic size.

MWD: Metropolitan Water District of Southern California.

MWDOC: Municipal Water District of Orange County. Intermediate wholesaler between MWD and 27-member agencies including ETWD.

Non-point source pollution: Pollution that is so general or covers such a wide area that no single, localized source of the pollution can be identified.

NPDES: National Pollution Discharge Elimination System

OCBD: Orange County Business Council

OCEMA: Orange County Environmental Management Agency

OCWD: Orange County Water District

Opportunity:

1. A favorable juncture of circumstances
2. A good chance for advancement or progress

Organism: Any individual form of life, such as a plant, animal or bacterium

PCM: Professional Community Management, Inc. Property Management company providing services to Laguna Woods Village and other homeowners associations.

Perched groundwater: Groundwater supported by a zone of material of low permeability located above an underlying main body of groundwater with which it is not hydrostatically connected.

Percolation: The downward movement of water through the soil of alluvium to the groundwater table

Permeability: The capability of soil or other geologic formations to transmit water

Point source: A specific site from which waste or polluted water is discharged into a water body, the source of which is identified. See also: non-point source.

Potable water: Suitable and safe for drinking

PPB: Parts per billion

Precipitation: Water from the atmosphere that falls to the ground as a liquid (rain) or a solid (snow, sleet, hail).

Primary treated water: First major treatment in a wastewater treatment facility, usually sedimentation but not biological oxidation.

Primary treatment: Removing solids and floating matter from wastewater using screening, skimming and sedimentation (settling by gravity).

Prior appropriation doctrine: Allocates water rights to the first party who diverts water from its natural source and applies the water to beneficial use. If at some point the first appropriator fails to use the water beneficially, another person may appropriate the water and gain rights to the water. The central principle is beneficial use, not land ownership.

Pumping Plant: A facility that lifts water up and over hills.

Recharge: The physical process where water naturally percolates or sinks into a groundwater basin.

Recharge basin: A surface facility, often a large pond, used to increase the infiltration of surface water into a groundwater basin.

Reclaimed wastewater: Wastewater that becomes suitable for a specific beneficial use as a result of treatment. See also: wastewater reclamation.

Reclamation project: A project where water is obtained from a sanitary district or system and which undergoes additional treatment for a variety of uses, including landscape irrigation, industrial uses, and groundwater recharge.

Recycling: A type of reuse, usually involving running a supply of water through a closed system again and again. Legislation in 1991 legally equates the term “recycled water” to reclaimed water.

Reservoir: A place where water is stored until it is needed. A reservoir can be an open lake or an enclosed storage tank.

Reverse osmosis: (RO) A method of removing salts or other ions from water by forcing water through a semi-permeable membrane.

RFP: Request for Proposal

Riparian: Of or on the banks of a stream, river, or other body of water.

RO: Reverse osmosis. See the listing under “reverse osmosis.”

R-O-W: Right-of-way

Runoff: Liquid water that travels over the surface of the Earth, moving downward due to gravity. Runoff is one way in which water that falls as precipitation returns to the ocean.



RWQCB: Regional Water Quality Control Board. State agency regulating discharge and use of recycled water.

Safe Drinking Water Act (SDWA): The Safe Drinking Water Act (SDWA) was originally passed by Congress in 1974 to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes reservoirs, springs, and ground water wells. (SDWA does not regulate private wells which serve fewer than 25 individuals.) SDWA authorizes the United States Environmental Protection Agency (US EPA) to set national health-based standards for drinking water to protect against both naturally-occurring and man-made contaminants that may be found in drinking water. US EPA, states, and water systems work together to make sure that these standards are met.

Safe yield: The maximum quantity of water that can be withdrawn from a groundwater basin over a long period of time without developing a condition of overdraft, sometimes referred to as sustained yield.

SAFRA: Santa Ana River Flood Protection Agency

Salinity: Generally, the concentration of mineral salts dissolved in water. Salinity may be measured by weight (total dissolved solids – TDS), electrical conductivity, or osmotic pressure. Where seawater is known to be the major source of salt, salinity is often used to refer to the concentration of chlorides in the water.

SAWPA: Santa Ana Watershed Project Authority.

SCADA: Supervisory Control and Data Acquisition

SCAP: Southern California Alliance of Publicity. Newly formed group of public agencies seeking reasonable regulation of sewer industry.

SCH: State Clearing House – Environmental Review/Processing

Seasonal Storage: A three-part program offered by Metropolitan Water District of Southern California:

STSS (Short Term Seasonal Storage): financially encourages agencies with local groundwater production capabilities to produce a higher percentage of their demand in the summer from their local groundwater supplies, thus shifting a portion of their demand on the MWD system from the summer to winter;

LTSS (Long Term Seasonal Storage): Financially encourages retail agencies to take and store additional amounts of MWD water above their normal annual demands for later use; Replenishment Water provides less expensive interruptible water that is generally available and used to increase the operating yield of groundwater basins.

Seawater intrusion: The movement of salt water into a body of fresh water. It can occur in either surface water or groundwater basins.

Seawater barrier: A physical facility or method of operation designed to prevent the intrusion of salt water into a body of freshwater.

Secondary treatment: The biological portion of wastewater treatment which uses the activated sludge process to further clean wastewater after primary treatment. Generally, a level of treatment that produces 85 percent removal efficiencies for biological oxygen demand and suspended solids. Usually carried out through the use of trickling filters or by the activated sludge process.

Sedimentation: The settling of solids in a body of water using gravity.

Settle: To clarify water by causing impurities/solid material to sink to a container's bottom.

Sewer: The system of pipes that carries wastewater from homes and businesses to a treatment plant or reclamation plant. Sewers are separate from storm drains, which is a system of drains and pipes that carry rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain water is not treated before it is discharged.

SigAlert: Any unplanned event that causes the closing of one lane of traffic for 30 minutes or more, as opposed to a planned event, like the road construction, which is planned.

SJBA: San Juan Basin Authority

Sludge: The solids that remain after wastewater treatment. This material is separated from the cleaned water, treated and composted into fertilizer. Also called biosolids.

SOCWA: South Orange County Wastewater Authority. Regional Joint Powers Authority form for collection and treatment of sewerage (previously known as AWMA/SERRA/SOCRA). SOCWA member agencies:

- CSC – City of San Clemente
- CSJC – City of San Juan Capistrano
- CLB – City of Laguna Beach
- ETWD – El Toro Water District
- EBSD – Emerald Bay Service District
- IRWD – Irvine Ranch Water District
- MNWD – Moulton Niguel Water District
- SCWD – South Coast Water District
- SMWD – Santa Margarita Water District
- TCWD – Trabuco Canyon Water District

SRE: State Revolving Fund

Storm Drain: The system of pipes that carries rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain water is not treated before it is discharged. Storm drains are separate from sewers, which is a separate system of pipes to carry wastewater from homes and businesses to a treatment plant or reclamation plant for cleaning.

Storm flow: Surface flow originating from precipitation and run-off which has not percolated to an underground basin.

SWP: State Water Project. An aqueduct system that delivers water from Northern California to central and Southern California.

SWRCB: State Water Resources Control Board

TDS: Total dissolved solids. A quantitative measure of the residual minerals dissolved in water that remain after evaporation of a solution. Usually expressed in milligrams per liter.

Tertiary treatment: The treatment of wastewater beyond the secondary or biological stage. Normally implies the removal of nutrients, such as phosphorous and nitrogen, and a high percentage of suspended solids.

THM: Trihalomethanes. Any of several synthetic organic compounds formed when chlorine or bromine combine with organic materials in water.

TMA: Too many acronyms.

TMDL: Total maximum daily load; a quantitative assessment of water quality problems, contributing sources, and load reductions or control actions needed to restore and protect bodies of water.

Transpiration: The process in which plant tissues give off water vapor to the atmosphere as an essential physiological process.

Turbidity: Thick of opaque with matter in suspension; muddy water

Ultraviolet light disinfection: A disinfection method for water that has received either secondary or tertiary treatment used as an alternative to chlorination.

VE: Value Engineering

VOC: Volatile organic compound; a chemical compound that evaporates readily at room temperature and contains carbon.

Wastewater: Water that has been previously used by a municipality, industry or agriculture and has suffered a loss of quality as a result.

Water Cycle: The continuous process of surface water (puddles, lakes, oceans) evaporating from the sun's heat to become water vapor (gas) in the atmosphere. Water condenses into clouds and then falls back to earth as rain or snow (precipitation). Some precipitation soaks into the ground (percolation) to replenish groundwater supplies in underground aquifers.

Water rights: A legally protected right to take possession of water occurring in a natural waterway and to divert that water for beneficial use.

Water-use Efficiency: The water requirements of a particular device, fixture, appliance, process, piece of equipment, or activity.

Water year (USGS): The period between October 1<sup>st</sup> of one calendar year to September 30<sup>th</sup> of the following calendar year.

Watermaster: A court appointed person(s) that has specific responsibilities to carry out court decisions pertaining to a river system or watershed.

Water Reclamation: The treatment of wastewater to make it suitable for a beneficial reuse, such as landscape irrigation. Also called water recycling.

Watershed: The total land area that from which water drains or flows to a river, stream, lake or other body of water.

Water table: The top level of water stored underground.

WEF: Water Environment Federation. Formerly – Water Pollution Control Federation (WPCF). International trade group advising members of sewage treatment techniques and their effect on the environment.

Weir box: A device to measure/control surface water flows in streams or between ponds.

Wellhead treatment: Water quality treatment of water being produced at the well site.

Wetland: Any area in which the water table stands near, at, or above the land surface for a portion of the year. Wetlands are characterized by plants adapted to wet soil conditions.

Xeriscape: Landscaping that requires minimal water.