

Directors

Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**UNION SANITARY DISTRICT BOARD MEETING/
UNION SANITARY DISTRICT FINANCING AUTHORITY
AGENDA**

**Monday, June 24, 2024
Regular Meeting - 4:00 PM**

**Union Sanitary District
Administration Building
5072 Benson Road
Union City, CA 94587**

- 1. Call to Order

- 2. Salute to the Flag

- 3. Roll Call

- Motion 4. Approve Minutes of the Union Sanitary District Board Meeting of June 10, 2024

- Motion 5. Approve Minutes of the Union Sanitary District Special Board Meeting of June 10, 2024

- Motion 6. Approve Minutes of the Union Sanitary District Special Board Meeting of June 11, 2024

- Information 7. Operations Report
 - a. May 2024 Monthly Operations Report *(to be reviewed by the Budget & Finance and Legal/Community Affairs Committees)*
 - b. Third Quarter FY 24 District-Wide Balanced Scorecard Measures *(to be reviewed by the Legal/Community Affairs Committee)*

- 8. Written Communications

- 9. Public Comment
Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available in the Boardroom and are requested to be completed prior to the start of the meeting.

- Motion 10. Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2025 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls *(to be reviewed by the Budget & Finance Committee)*

- Motion 11. Authorize the General Manager to Execute Amendment No. 1 to Task Order No. 2 with Hazen and Sawyer for the Enhanced Treatment and Site Upgrade Phase 1A Project for Campus Solar Facilities *(to be reviewed by the Engineering and*

Information Technology Committee

- Motion 12. Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2025 *(to be reviewed by the Budget & Finance Committee)*
-
- Motion 13. Consider an Amended and Restated Interfund Loan and Repayment Agreement to Increase the Capacity Fund 90 Loan from \$50 Million to \$71 Million and Make Other Modifications *(to be reviewed by the Budget & Finance Committee)*
-
- Direction 14. Receive Information and Provide Direction Regarding Logistics for Board Vacancy Recruitment Process
-
- Information 15. Report on the East Bay Dischargers Authority Meeting of May 16, 2024
-
- Information 16. Check Register
-
- Information 17. Committee Meeting Reports *(No Board action is taken at Committee meetings)*
- a. Budget & Finance Committee – Thursday, June 20, 2024, at 1:30 p.m.
 - Director Kite and Director Fernandez
 - b. Engineering and Information Technology Committee – Friday, June 21, 2024, at 11:00 a.m.
 - Director Fernandez and Director Kite
 - c. Legal/Community Affairs Committee – Friday, June 21, 2024, at 11:30 a.m.
 - Director Kite and Director Lathi
-
- Information 18. General Manager’s Report *(Information on recent issues of interest to the Board)*
-
19. Other Business
- a. Comments and questions. *Directors can share information relating to District business and are welcome to request information from staff.*
 - b. Scheduling matters for future consideration
-
20. Adjournment – The Board will adjourn to the Special Board Meeting to be held Tuesday, June 25, 2024, at 4:00 p.m.
-
21. Adjournment – The Board will then adjourn to a Special Board Meeting to be held Thursday, June 27, 2024, at 4:00 p.m.
-
22. Adjournment – The Board will then adjourn to a Special Board Meeting to be held Monday, July 8, 2024, at 4:00 p.m.
-
23. Adjournment – The Board will then adjourn to a Special Board Meeting to be held in the Boardroom on Monday, July 15, 2024, at 4:00 p.m.

The facilities at the District Offices are wheelchair accessible. Any attendee requiring special accommodations at the meeting should contact the General Manager’s office at (510) 477-7503 at least 24 hours in advance of the meeting.

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
June 10, 2024**

CALL TO ORDER

President Toy called the meeting to order at 4:00 p.m.

SALUTE TO THE FLAG

President Toy led the salute to the flag.

ROLL CALL

PRESENT: Jennifer Toy, President
Pat Kite, Secretary
Anjali Lathi, Director
Manny Fernandez, Director

STAFF: Paul Eldredge, General Manager/District Engineer
Karen Murphy, District Counsel
Mark Carlson, Business Services Manager/CFO
Jose Rodrigues, Collection Services Manager
Raymond Chau, Technical Services Manager
Robert Simonich, Fabrication, Maintenance, and Construction Manager
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Marcus Lee, Treatment and Disposal Services Coach
Richard Thow, Customer Service Coach
Trieu Nguyen, IT Administrator
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

VISITORS: Monique Spyke, PFM Asset Management
Alice Johnson, League of Women Voters

**APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD
MEETING OF MAY 20, 2024**

It was moved by Director Fernandez, seconded by Secretary Kite, to Approve the Minutes of the Special Board Meeting of May 20, 2024. Motion carried unanimously.

**APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD
MEETING OF MAY 28, 2024**

It was moved by Secretary Kite, seconded by Director Fernandez, to Approve the Minutes of the Special Board Meeting of May 28, 2024. Motion carried unanimously.

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF MAY 29, 2024

It was moved by Director Lathi, seconded by Director Fernandez, to Approve the Minutes of the Special Board Meeting of May 29, 2024. Motion carried unanimously.

FISCAL YEAR 2024 THIRD QUARTER MANAGED INVESTMENT PORTFOLIO REPORT

This item was reviewed by the Investment Portfolio Ad Hoc. Business Services Manager/CFO Carlson introduced PFM Managing Director Spyke who provided an overview of the Investment Report included in the Board meeting packet and responded to questions from Boardmembers.

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

There was no public comment.

REVIEW AND CONSIDER APPROVAL OF INVESTMENT POLICY 2030

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Carlson stated staff and PFM Asset Management, LLC reviewed the Investment Policy and proposed the addition of the PARS 115 Trust to the scope of covered investments in addition to minor administrative updates and clarifications. Staff recommended the Board review and consider approval of the District's Investment Policy 2030 and renewal of delegation of authority of Treasurer to the Business Services Manager for a one-year period, per CA Govt. Code Section 53607 as amended by Stats. 1996, Ch. 749, Sec. 6.

It was moved by Secretary Kite, seconded by Director Lathi, to Approve Investment Policy 2030 and Renew Delegation of Authority of Treasurer to the Business Services Manager for a One-year Period. Motion carried unanimously.

INFORMATION ITEMS:

Status of Priority 1 Capital Improvement Program Projects

This item was reviewed by the Engineering and Information Technology Committee. Technical Service Manager Chau stated the Board approved the Capital Improvement Program (CIP) budget of \$84,554,100 for design and construction of 34 CIP projects in June 2023. The Projects were ranked Priority 1, 2, or 3 based upon criteria prepared by staff and approved by the Executive Team. These were 20 projects ranked as Priority 1 for Fiscal Year 2024. The status of Priority 1 CIP Projects is reviewed by the Executive Team at the end of each quarter and a copy of the status report was included in the Board meeting packet.

Third Quarterly Report on the Capital Improvement Program for FY24

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated third quarter expenditures for Fiscal Year 2024 were presented in graphs included in the Board meeting packet. The graphs depicted actual expenditures versus the approved budget for Capacity Fund 90, Renewal and Replacement Fund 80, and projected expenditures for each. Total CIP expenditures up to March 31, 2024, were above projections for the third quarter by approximately \$6.8 million, or 13 percent. The increases in spending for the third quarter did not increase the overall budget for the various projects.

Third Quarterly Report on the Enhanced Treatment and Site Upgrade Program for FY24

This item was reviewed by the Engineering and Information Technology Committee. Enhanced Treatment and Site Upgrade Program Manager Pipkin stated the Enhanced Treatment and Site Upgrade (ETSU) Program Management Report for the third quarter of Fiscal Year 2024 was included in the Board meeting packet. Part 1 of the report provides an executive summary of the ETSU Program status, and the Program Dashboard as shown on the District website.

Check Register

There were no questions regarding the check register.

COMMITTEE MEETING REPORTS:

The Budget & Finance, Investment and Portfolio Ad Hoc, and Engineering and Information Technology Committees met.

GENERAL MANAGER'S REPORT:

- General Manager Eldredge stated the Fremont State of the City address will be held June 26, 2024, from 10:00 a.m. – 12:00 p.m. Staff sent the Board an email with more information.
- General Manager Eldredge stated the District had received five inquiries regarding the current Board vacancy and three applications had been submitted.
- General Manager Eldredge provided options for a Board tour of the Campus building.
- General Manager Eldredge stated the East Bay Dischargers Authority will be conducting a tour of the Rocky Ridge AQPI East Bay radar site on June 28, 2024, from 1:00 – 3:00 p.m., the Board was invited to attend.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 4:27 p.m. to a Special Board Meeting to be held in the Boardroom Monday, June 10, 2024, at 4:30 p.m.

The Board will then adjourn to a Special Board Meeting to be held in the Boardroom on Tuesday, June 11, 2024, at 4:00 p.m.

The Board will then adjourn to the next Regular Board Meeting to be held in the Boardroom on Monday, June 24, 2024, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 24th day of June 2024

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
June 10, 2024**

CALL TO ORDER

President Toy called the special meeting to order at 4:40 p.m.

ROLL CALL

PRESENT: Jennifer Toy, President
Pat Kite, Secretary
Anjali Lathi, Director
Manny Fernandez, Director

STAFF: Paul Eldredge, General Manager/District Engineer
Karen Murphy, District Counsel
Alisa Gordon, Human Resources Manager
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

PUBLIC COMMENT

There was no public comment.

**RECEIVE INFORMATION AND PROVIDE DIRECTION REGARDING LOGISTICS FOR
BOARD VACANCY RECRUITMENT PROCESS**

Staff provided information regarding the Board vacancy recruitment process. The Board provided direction regarding the interview process.

ADJOURNMENT:

The special meeting was adjourned at approximately 5:57 p.m. to a Special Board Meeting to be held in the Boardroom on Tuesday, June 11, 2024, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 24th day of June, 2024

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
June 11, 2024**

CALL TO ORDER

President Toy called the special meeting to order at 4:00 p.m.

ROLL CALL

PRESENT: Jennifer Toy, President
Pat Kite, Secretary
Anjali Lathi, Director
Manny Fernandez, Director

STAFF: Paul Eldredge, General Manager/District Engineer
Karen Murphy, District Counsel
Mark Carlson, Business Services Manager/CFO
Alisa Gordon, Human Resources Manager
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

PUBLIC COMMENT

There was no public comment.

**RECEIVE INFORMATION AND PROVIDE DIRECTION REGARDING LOGISTICS
FOR BOARD VACANCY RECRUITMENT PROCESS**

Staff provided information regarding the Board vacancy recruitment process. The Board provided direction regarding the interview process.

President Toy recessed the meeting at 4:50 p.m.

President Toy reconvened the meeting at 4:58 p.m.

**RECEIVE INFORMATION AND PROVIDE DIRECTION REGARDING ENHANCED
TREATMENT AND SITE UPGRADE PROGRAM FINANCING**

General Manager Eldredge and Business Services Manager/CFO Carlson provided information regarding Enhanced Treatment and Site Upgrade Program financing. The Board provided direction regarding financing for the Enhanced Treatment and Site Upgrade Program.

ADJOURNMENT:

The special meeting was adjourned at approximately 5:20 p.m. to the next Regular Board Meeting to be held in the Boardroom on Monday, June 24, 2024, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 24th day of June, 2024



Union Sanitary District

Monthly Operations Report
May 2024



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2024 MONTHLY OPERATIONS REPORT

The May 2024 Monthly Operations Reports highlights the District's performance in the following areas:

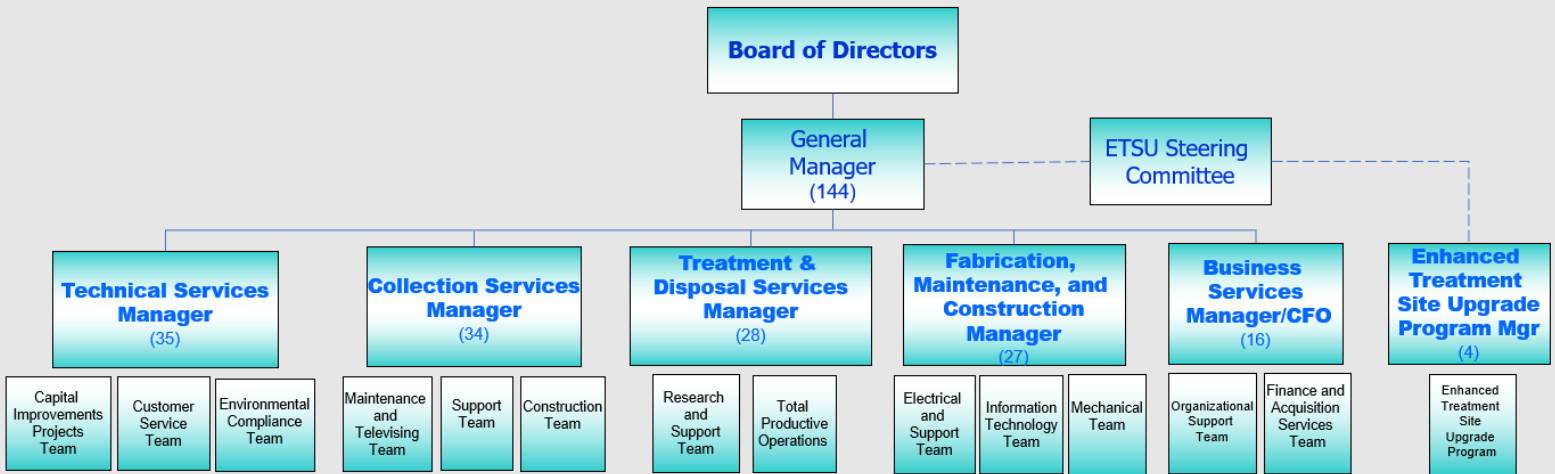
- **Organizational Overview**
- **Financial Reports**
 - Budget and Finance Report
 - Investment Portfolio
 - Portfolio Holdings by Asset Class and by Maturity Range
- **Customer Relations**
 - Odor Investigations and Response
 - Service Request and Response
 - Communication and Outreach
- **Plant Operations**
- **Maintenance Report**
 - Collection System
 - Plant and Pump Stations
 - Information Technology
- **Capital Improvement Projects (CIP) Report**
 - Current Construction Projects
 - Studies and Designs
- **Permitting and Inspections**
- **Staffing and Personnel**



Organizational Overview

2024 MONTHLY OPERATIONS REPORT

Union Sanitary District operates a 33-acre wastewater treatment facility in Union City and provides collection, treatment, and disposal services to a total population of over 356,000 in Fremont, Newark and Union City, California. The District maintains over 839 miles of underground pipeline in its service area.



Executive Team

Paul Eldredge	General Manager/District Engineer	Oversees District operations and liaison to the Board of Directors
Mark Carlson	Business Services/CFO	Includes Finance, Purchasing, Human Resources, and Safety
Jose Rodrigues	Collection Services	Maintains, and repairs the sewer lines and manholes throughout the service area
Raymond Chau	Technical Services	Permits and inspections, pretreatment program, and capital improvements
Armando Lopez	Treatment and Disposal Services	Operates the treatment plant, process and analyze wastewater samples
Robert Simonich	Fabrication, Maintenance, and Construction	Information technology, equipment installation, service, repair for the plant and pump stations



Financial Report

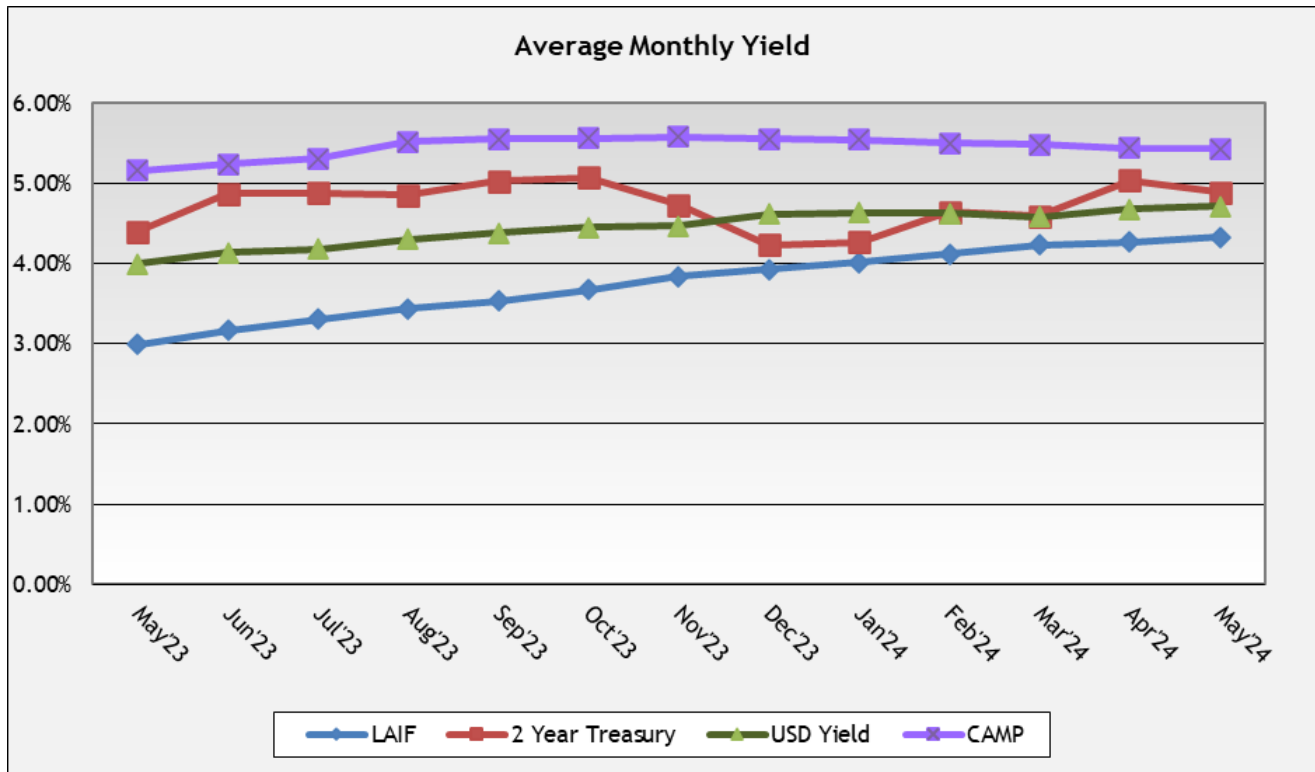
2024 MONTHLY OPERATIONS REPORT

Total Revenues and Expenditures

FY 2024	Year-to-date as of 5/31/2024		92% of year elapsed	Audited Last Year Actuals 6/30/23
<u>Revenues</u>				
	Budget	Actual	% of Budget Rec'd	
Capacity Fees	\$ 8,420,000	\$ 4,665,507	55%	\$ 7,371,192
Sewer Service Charges	84,200,000	80,243,226	95%	77,986,322
Operating (Includes work groups and fund 85)	1,353,500	1,117,474	83%	1,372,027
Interest	3,850,000	9,007,149	234%	5,736,464
Misc. (Annex fees, forfeited deposits)	11,276	15,284	136%	654,626
Subtotal Revenues	<u>\$ 97,834,776</u>	<u>\$ 95,048,640</u>	<u>97%</u>	<u>\$ 93,120,631</u>
SRF Funds Draw Down (Standby Power)	12,296,700	21,223,336	172.6%	-
Total Revenues + Bond Proceeds	\$ 110,131,476	\$ 116,271,976	106%	\$ 93,120,631
<u>Expenses</u>				
	Budget	Actual	% of Budget Used	Audited Last Year Actuals 6/30/23
Capital Improvement Program:				
Capacity Proj.	\$ 13,948,200	\$ 17,018,291	122%	\$ 10,249,515
Renewal & Repl. Proj.	70,605,900	55,810,635	79%	56,652,197
Operating (includes fund 85)	55,246,877	47,462,349	86%	49,798,555
Special Projects	4,154,384	524,297	13%	855,302
Retiree Medical (ADC)	1,475,000	1,333,770	90%	404,259
115 Pension Trust	6,400,000	5,078,652	79%	-
Vehicle & Equipment	187,300	72,135	39%	176,662
Information Systems	1,199,800	745,682	62%	542,449
Plant & Pump Stat. R&R	400,000	271,425	68%	308,301
Emerg. Fund	-	-	0%	-
Cty Fee for SSC Admin.	124,000	113,224	91%	112,512
Debt Servicing:				
SRF Loans	-	-	0%	-
Bonds	9,017,080	9,692,638	107%	8,964,016
WIFIA	17,000	18,100	106%	17,000
Debt Issuance	100,000	-	0%	-
Total Expenses	<u>\$ 162,875,541</u>	<u>\$ 138,141,197</u>	<u>85%</u>	<u>\$ 128,080,768</u>
Total Revenue & Proceeds less Expenses	\$ (52,744,065)	\$ (21,869,220)		(34,960,137)

Investment Portfolio

Performance Measures for the USD Investment Portfolio



	Jan'24	Feb'24	Mar'24	Apr'24	May'24
LAIF	4.01%	4.12%	4.23%	4.27%	4.33%
2 Year Treasury	4.27%	4.64%	4.59%	5.04%	4.89%
USD Yield	4.64%	4.63%	4.58%	4.68%	4.71%
CAMP	5.54%	5.50%	5.48%	5.44%	5.43%

LAIF: Local Agency Investment Fund Yield

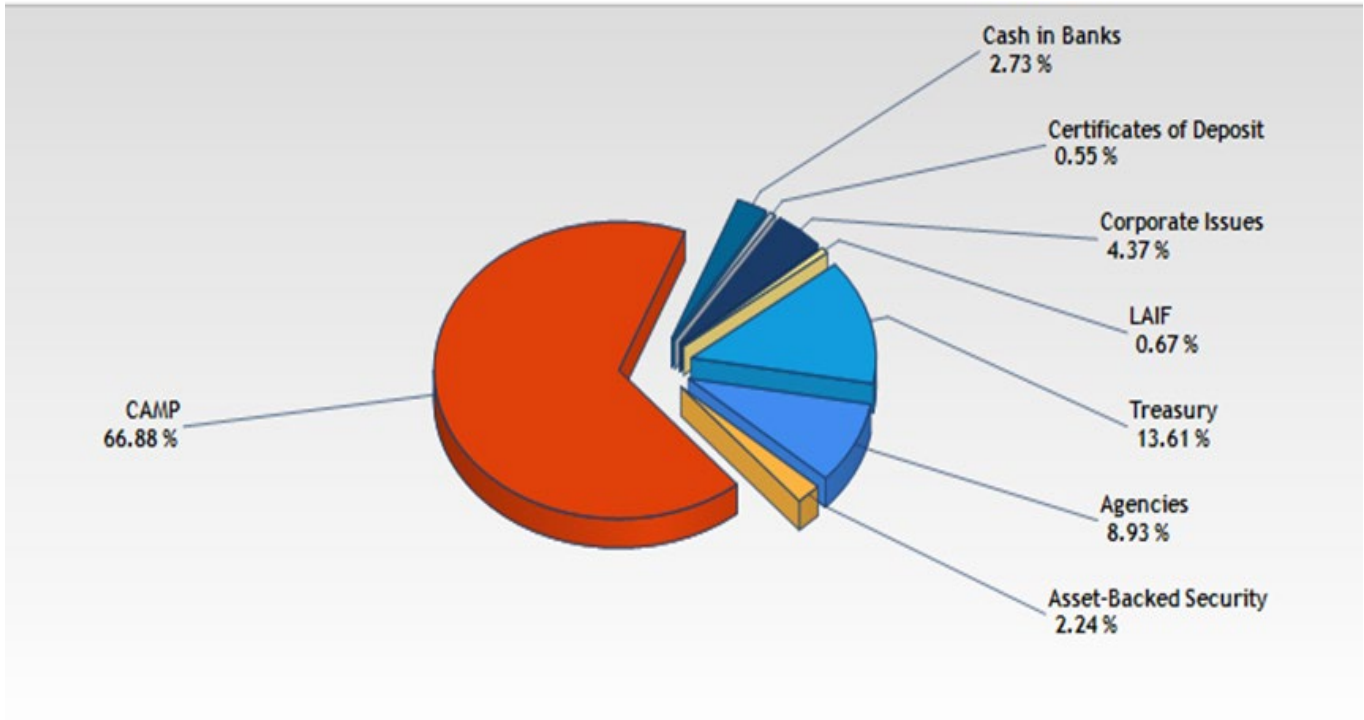
2 Year Treasury: Yield for investing in 2-Year U.S. Treasury security

USD Yield: Summarizes USD portfolio's yield

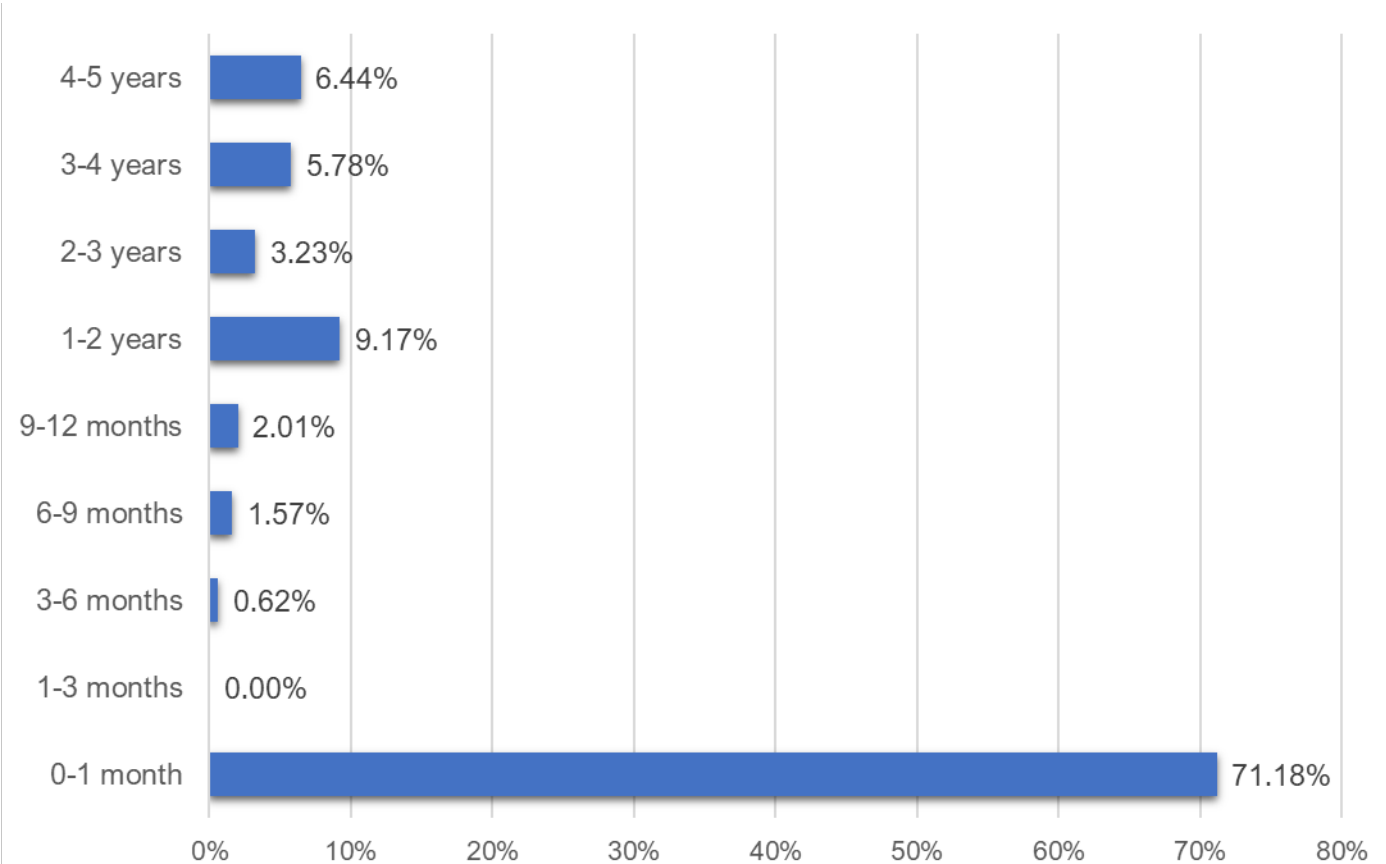
CAMP: California Asset Management Program Yield

Portfolio Holdings by Asset Class and by Maturity Range

Portfolio Holdings Distribution by Asset Class



Portfolio Holdings Distribution by Maturity Range



PARS Post-Employment Benefits Trust

Report for the period of: 05/31/2024

Account Summary:

Source	Balance as of 05/01/2024	Contributions	Earnings	Expenses	Distributions	Transfers	Balance as of 05/31/2024
Pension	\$4,703,639.07	\$825,768.00	\$147,471.49	\$(2,215.09)	\$0.00	\$0.00	\$5,674,663.47
Pension- Conserve	\$1,262,011.93	\$412,884.00	\$27,827.29	\$(593.77)	\$0.00	\$0.00	\$1,702,129.45
Pension- Capital App	\$961,865.82	\$0.00	\$36,277.32	\$(449.39)	\$0.00	\$0.00	\$997,693.75
Totals	\$6,927,516.82	\$1,238,652.00	\$211,576.10	\$(3,258.25)	\$0.00	\$0.00	\$8,374,486.67

Investment Selection

Source	
PENSION	Union Sanitary District
PENSION – CONSERV	Union Sanitary District – Conservative
Pension – Capital App	Union Sanitary District – Cap App

Investment Objective

Source	
PENSION	Individual account based on Moderate – Index. The dual goals of the Moderate Strategy are growth of principal and income. It is expected that dividend and interest income will comprise a significant portion of total return, although growth through capital appreciation is equally important. The portfolio will be allocated between equity and fixed income investments.
PENSION – CONSERV	Individual account based on Conservative – Index. The primary goal of the Conservative Strategy is to provide a consistent level of inflation-protected income over the long-term. The major portion of the assets will be fixed income related. Equity securities are utilized to provide inflation protection.
PENSION – CAPITAL APP	Individual Account based on the Capital Appreciation – Index. The primary goal of the Capital Appreciation objective is growth of principal. The major portion of the assets are invested in equity securities and market fluctuations are expected.

Investment Return:

Annualized Return

Source:	1-Month	3-Months	1-Year	3-Years	5-Years	10-Years	Plan Inception Date
PENSION	3.01%	2.04%	12.20%				03/23/2022
PENSION – CONSERVE	2.05%	0.58%					02/28/2024
PENSION – CAPITAL APP	3.77%	2.71%	17.42%				03/23/2022

Information is provided by US Bank, Trustee for PARS; Not FDIC Insured; No Bank Guarantee; May Lose Value

Past performance does not guarantee future results. Performance returns may not reflect the deduction of applicable fees, which could reduce returns. Information is deemed reliable but may be subject to change.

Investment Return: Annualized rate of return is the return on an investment over a period other than one year multiplied or divided to give a comparable one-year return.

Account balances are inclusive of Trust Administration, Trustee and Investment Management fees

Union Sanitary District Odor Map and Report

During the recording period between May 1, 2024 through May 31, 2024, there was 1 odor related service request(s) received by the District.

City	Fremont		
District Related:	No	Date/Time:	5/30/2024 5:10 PM
Location:	Arlene Court	Reported by:	Alex Trujillo
Weather/Temp:	Clear / 73°	Wind:	Northwest / 5 mph

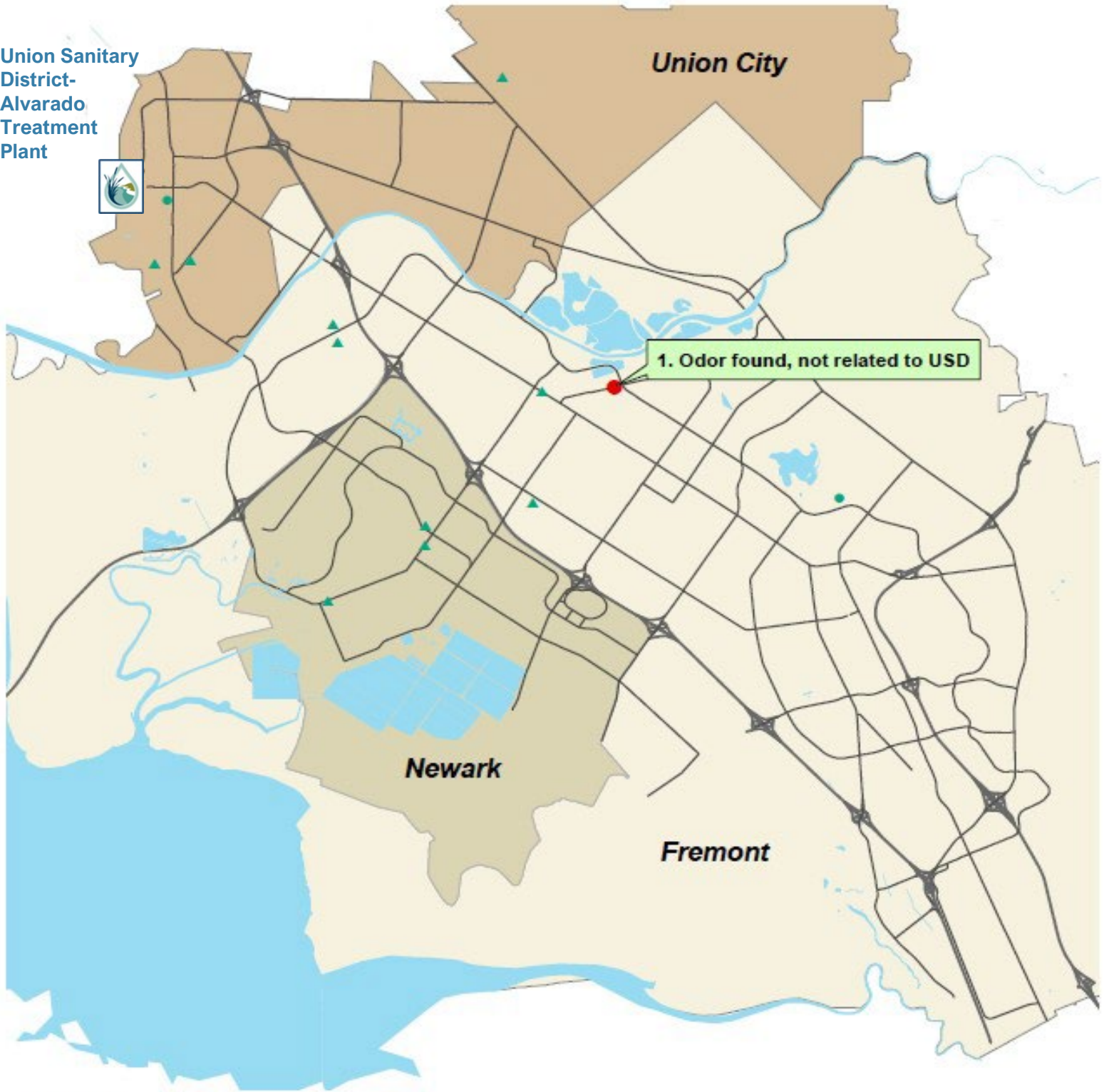
Response and Follow-up: Homeowner reported a foul odor coming from the area in front of their home. The smell was first noticed after a sink back up occurred a few days prior. A USD Trouble Call Inspector responded to the location. Upon arrival, the inspector noted that there was no signs of unsanitary or odor causing conditions in the area of the home. There was an odor smell to the left of the front door where the ground was still wet and there was what looked like food chunks present.

The inspector checked the upstream and down stream manholes and the surrounding storm drains. No obstructions or stoppages were observed, flow was normal, and no odors were detected.

It was determined that the odor was not related to USD. The inspector followed up with the homeowner and provided a brochure.

Union Sanitary District Odor Map and Report

Union Sanitary District-
Alvarado
Treatment
Plant



Legend

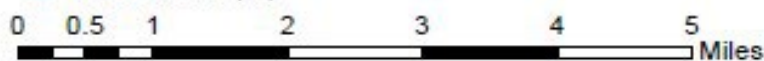
Odor Complaints: May 2024

- ★ Odor found, USD resolved (0)
- Odor found, not related to USD (1)
- ▲ No odor found (0)

Odor Complaints: Jun. 2023 to Apr. 2024

- ★ Odor found, USD resolved (0)
- Odor found, not related to USD (2)
- ▲ No odor found (10)

Location of Odor Reports June 2023 to May 2024





Customer Relations

2024 MONTHLY OPERATIONS REPORT

Customer Service Response

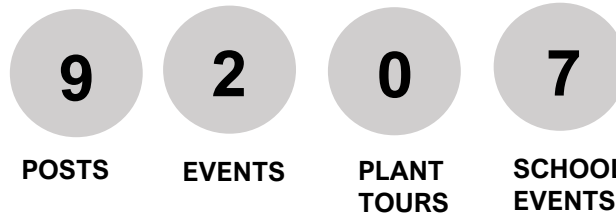
Front Desk Trouble Calls

Service calls that require immediate attention to support customer needs. Dispatched from the Front Desk during business hours.

Total Calls	Fremont	Newark	Union City	Total
May-24	13	1	0	14
Apr-24	5	2	4	11
Mar-24	7	1	1	9
Feb-24	12	3	1	16
Jan-24	9	3	0	12
Dec-23	8	0	1	9
6 Month Total				71
May-23	6	1	3	10

Communication and Outreach

Includes participation in local events, social media communication, plant tours, and school outreach events.



Social Media Posts:

- Don't flush wipes
- Engineer recruitment
- Wash cars at a coin-op, automatic, or commercial car wash
- Only flush the 3 P's
- In Memoriam Tom Handley
- ACWD event: ACSEF Award-winners
- Memorial Day closure
- Notice of Vacancy
- Don't flush pet waste

Events:

- Presentations for AP Environmental Sciences Classes at American High School on 5/22/2024
- Certificate of Merit Award Ceremony May 31, 2024

Other Activities:

- Website updates re: Tom Handley In Memoriam and Notice of Vacancy



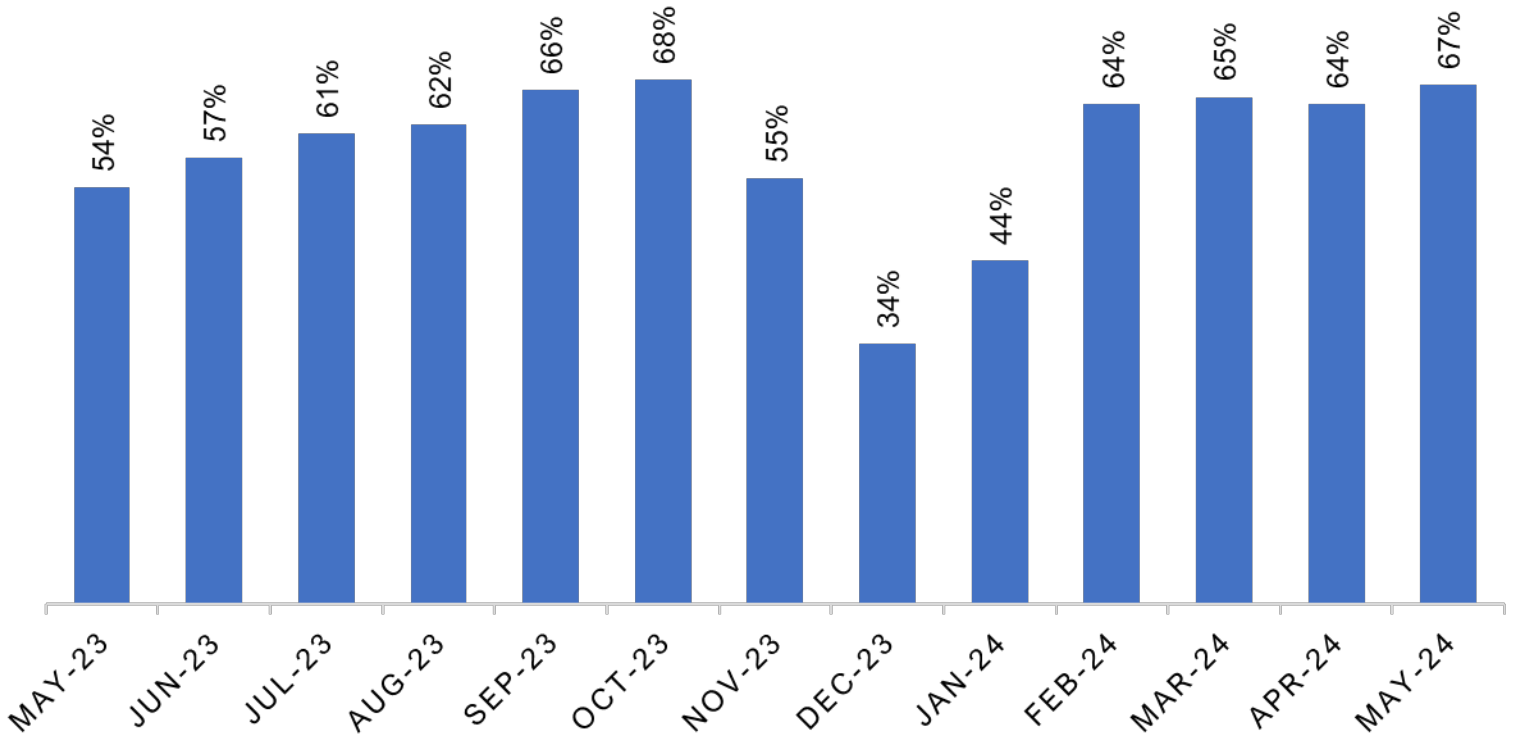
Plant Operations

2024 MONTHLY OPERATIONS REPORT

Cogeneration Engines at USD's Wastewater Treatment Plant

The chart below shows the percentage of Plant power usage generated by the District's cogeneration (cogen) engines monthly. The engines use biogas produced by the wastewater treatment process as the primary fuel to generate the majority of the plant's power needs, reducing operating costs.

Cogen Power Produced (% of total Plant load)



Mechanics working on the cogeneration engine



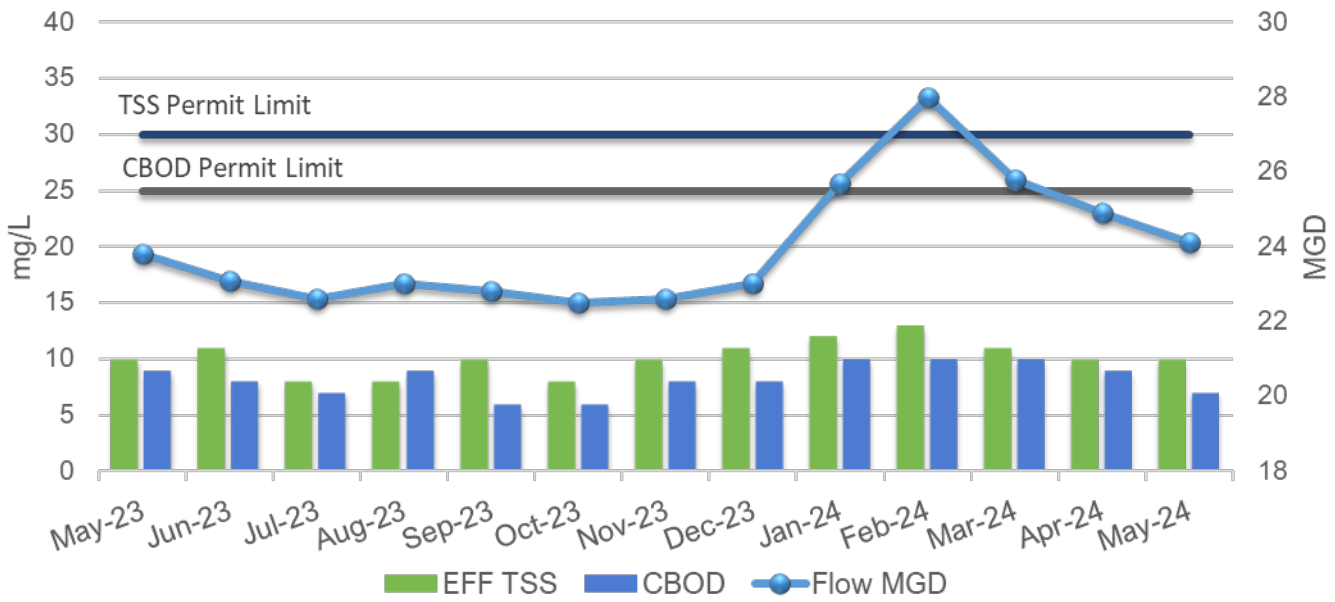
Plant Operations

2024 MONTHLY OPERATIONS REPORT

Lab Monitoring Results

USD's laboratory staff process over 6,200 samples and perform about 17,000 analyses every year to ensure discharges from the plant meet necessary standards.

Lab Results and Effluent Flow



EFF SS: Effluent Suspended Solids **CBOD:** Carbonaceous Biochemical Oxygen Demand **MGD:** Million Gallons per Day

USD's Final Effluent Monthly Monitoring Results

Parameter	Permit Limit	Mar-24	Apr-24	May-24
Copper, µg/l	53	7.8	3.5	4.5
Mercury, µg/l (Quarterly)	0.066	NA	NA	0.0029
Cyanide, µg/l	20	ND 1.1	ND 1.1	ND 1.1
Ammonia- N, mg/L (Range)	86	41 - 46	38 - 41	35 - 44
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	22 - 35	18 - 26	34 - 44
• 11-Sample 90th Percentile	1100	93 - 93	37- 46	43 - 58
Enterococci				
• 6-Week Geometric Mean	280	56	34	36

E = Estimated Value, concentration outside Calibration Range. ND = Not Detected, result is below Detection Limit.

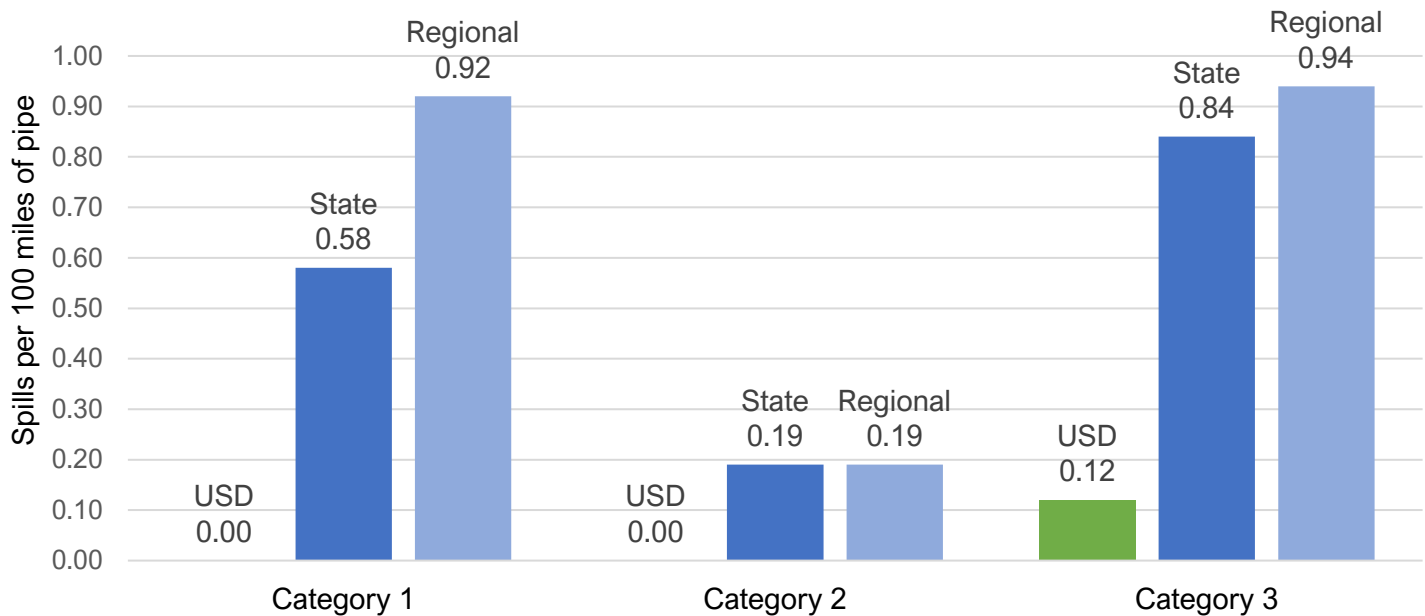


Maintenance Report

2024 MONTHLY OPERATIONS REPORT

Collection System Performance Report

Average Spills per 100 Miles of Sewer Over the Last 12 Months
USD vs. Regional vs. State



NOTE: At the time of this report, the California State Water Resources Control Board spill reporting tool is reporting Category 1-3 Spills, no data is available for Category 4 Spills.

Definition of Spill Categories

- Category 1: Any spill of any volume that results on a discharge to surface water.
- Category 2: 1,000 gallons or more. Does not discharge to a surface water.
- Category 3: Greater than 50 gallons and less than 1,000 gallons. Does not discharge to a surface water.
- Category 4: Less than 50 gallons. Does not discharge to a surface water.

Collection System Maintenance Work Completed

The Collection Services Workgroup maintains over 839 miles of gravity sewer through cleaning and televised inspection. They also service 63 District vehicles and maintain 3 buildings. Maintenance of equipment is completed by staff through sewer line repairs and work orders.

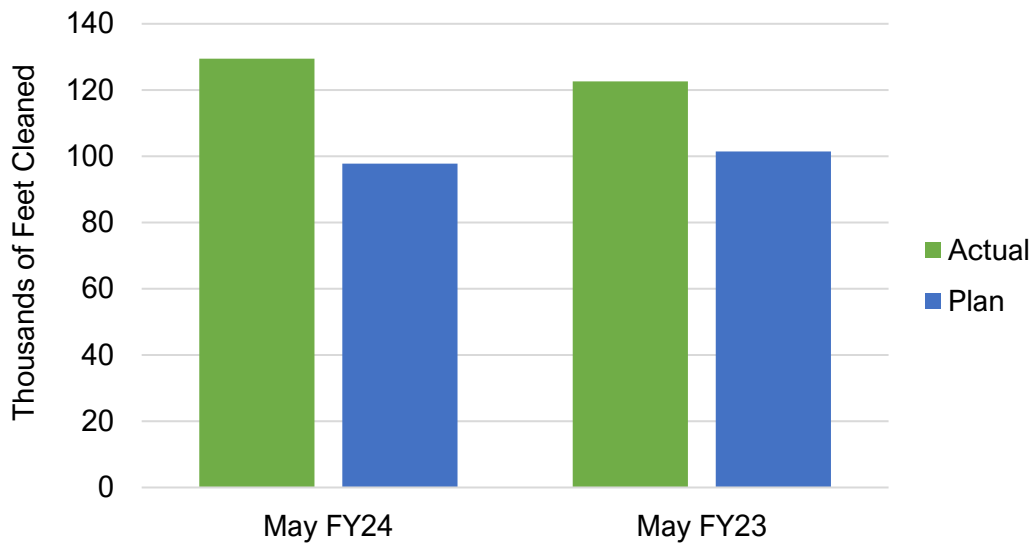
	This Month	Fiscal Year to Date	Historical Monthly Average
Sewer Line Repairs - # of Open Trench	0	5	0
Sewer Line Repairs - # of Trenchless	10	154	14
Work Orders Completed on Vehicles and Buildings	198	1983	179



Maintenance Report

2024 MONTHLY OPERATIONS REPORT

Sewer Line Cleaning



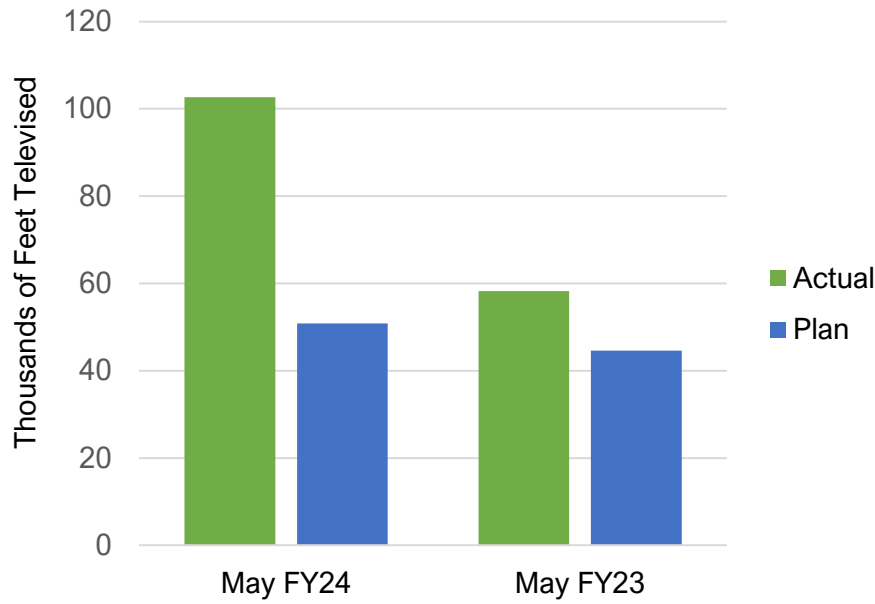
Cleaning Cost per Foot=\$0.75									
Description	FY24 Qtr 1 Footage	FY24 Qtr 2 Footage	FY24 Q3 Footage	Apr-24 Footage	May-24 Footage	FY24 YTD	Historical FY23	FY24 YE Goal	% Completed to Plan
84 Month Hydro-Jet Clean	162,988	112,694	156,043	58,576	113,082	603,383	589,507	680,354	88.7%
Selective Line Cleaning	63,183	42,725	67,355	19,995	1,932	195,190	211,253	216,307	90.2%
Special Condition Clean (not in total)	9,383	8,652	28,155	3,532	1,521	51,243	36,554	28,940	177.1%
Root Control/Chemical Clean	12,073	110,643	110,889	30,510	14,437	278,552	420,273	277,200	100.5%
Cast Iron Cleaning	-	-	-	-	-	-	7,498	-	0.0%
Totals	238,244	266,062	334,287	109,081	129,451	1,077,125	1,228,528	1,173,861	91.8%



Maintenance Report

2024 MONTHLY OPERATIONS REPORT

Sewer Line Inspection and Televising



Televising Cost per Foot=\$0.87									
Description	FY24 Qtr 1 Footage/Count	FY24 Qtr 2 Footage/Count	FY24 Qtr 3 Footage/Count	Apr-24 Footage	May-24 Footage	FY24 YTD	Historical FY23	FY24 Goal	% Completed to Plan
84 Month TV Inspection	92,765	106,435	132,468	19,607	102,656	453,931	478,376	530,567	85.6%
84 Month Manhole Inspection Count	629	587	659	295	286	2,456	2,563	2,676	91.8%
Visual/Condition, Pre/Post Cnst TV (not in total)	64	753	886	1,455	-	3,386	10,483	11,704	28.9%
Visual Manhole Inspection Count (not in total)	42	124	135	2	73	303	247	-	-
New Development, CIP, Misc (not in total)	1,318	3,649	1,329	6,466	228	12,762	25,583	28,261	45.2%
QA/QC Line Condition	-	-	52,442	-	-	52,442	16,436	52,843	99.2%
QA/QC Root Control	28,335	-	-	-	-	28,335	41,050	27,744	102.1%
Totals	121,100	106,435	184,910	19,607	102,656	534,708	535,862	611,154	87.5%

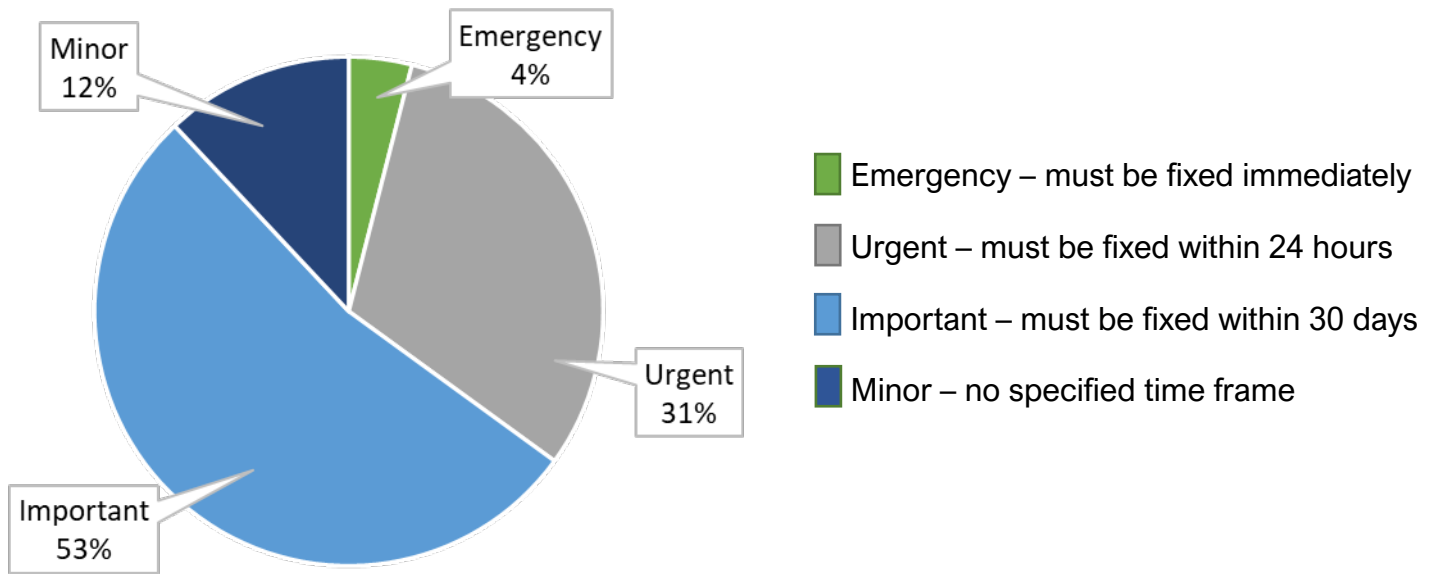


Maintenance Report

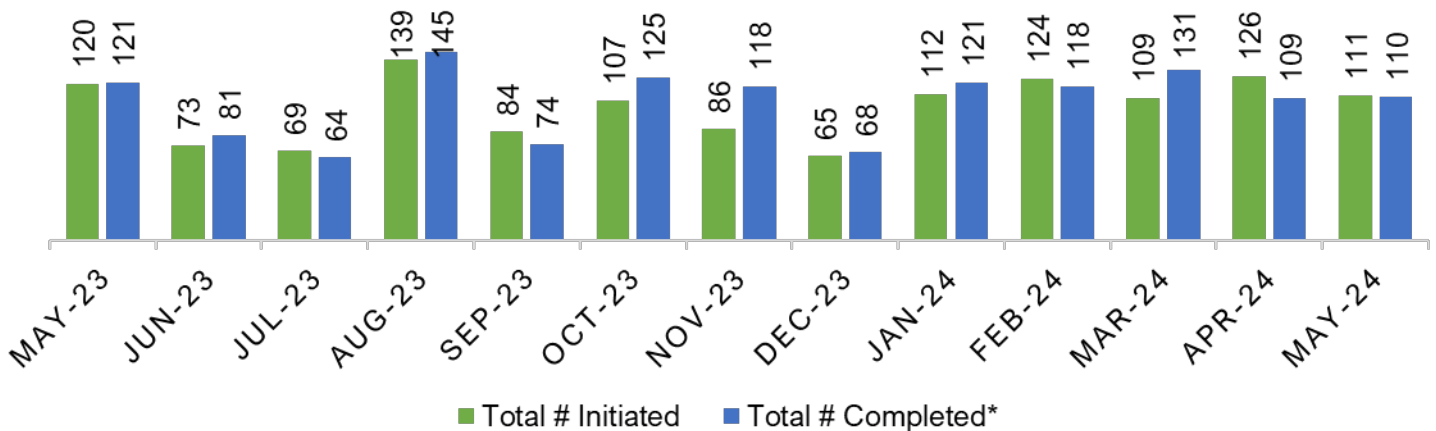
2024 MONTHLY OPERATIONS REPORT

Plant and Pump Stations Maintenance Work Completed

Equipment at our Plant and Pump/Lift stations is maintained by mechanics and other staff through completion of work orders. Staff completed 98.39% of preventative maintenance activities for the month in addition to the following shown below.



Work Orders Initiated and Completed



*The number of work orders completed in a month is dependent upon several factors including the availability of necessary parts and the amount of time required by staff to accomplish a given task.



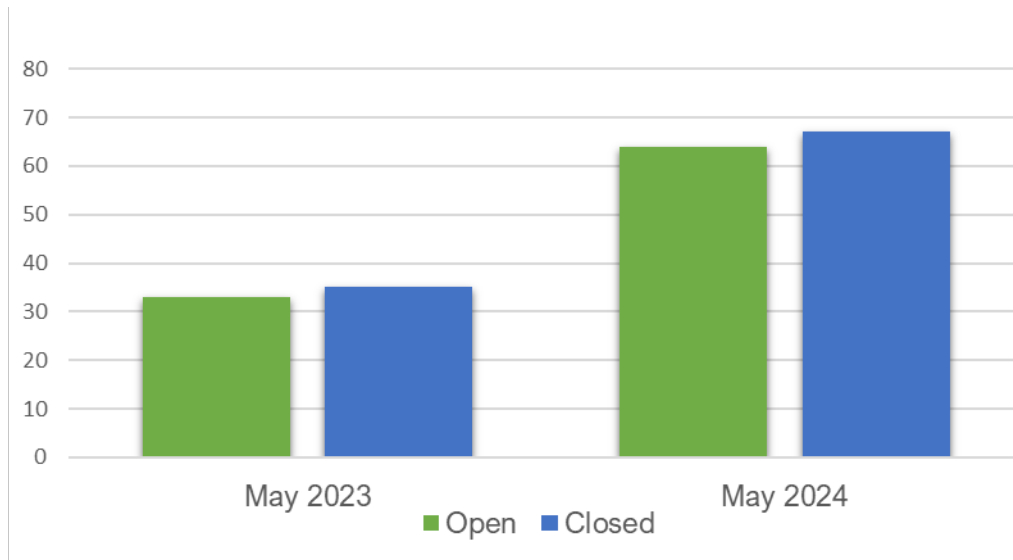
Maintenance Report

2024 MONTHLY OPERATIONS REPORT

Information Technology

USD’s Information Technology (IT) staff install, upgrade, and maintain District computers and software systems. IT staff responsibilities include ongoing maintenance of systems critical to operation of our wastewater treatment plant and pump stations.

IT Help Desk Tickets



Managed and Hosted IT Asset Uptime

Asset Name	USD Managed or Hosted by Third Party	% Up time
USD Website	Hosted	99.98%
Email Server	Hosted	100%
Newark Pump Station	USD Managed	100%
Boyce Pump Station	USD Managed	99.99%
Irvington Pump Station	USD Managed	100%
SCADA	USD Managed	100%
Total Average of All USD Servers	USD Managed	99.98%

The majority of our IT network assets are maintained onsite by IT staff with an uptime target of 99.90%. Additional assets, such as the USD website, are hosted externally by a third party.



Capital Improvement Projects

2024 MONTHLY OPERATIONS REPORT

Capital Improvement Project (CIP) Activities

Our engineers manage and coordinate project activities including completion of studies, designing of future projects, and project management of construction work at our Plant, Pump Stations, gravity sewer network, and Force Mains.

Current CIP Projects – Budget and % complete

Current (FY24) CIP Projects	Budget (\$1,000)	Spent to Date (\$1,000)	Scheduled Completion	Completed Scope
1 – Alvarado Influent Valve Box Rehabilitation Project	\$1,297	\$200	12/24	10%
2 – Force Main Corrosion Repairs Project – Phase 4	\$2,042	\$756	10/24	35%
3 – Plant Miscellaneous Improvements Project	\$5,544	\$2,934	9/24	50%
4 – Standby Power Generation System Upgrade Project	\$21,135	\$19,900	6/24	92%



Standby Power Generation System Upgrade Project



Capital Improvement Projects

2024 MONTHLY OPERATIONS REPORT

Design Phase – Budget and % of Completed Scope

Current (FY24) Design Phase	Budget (\$1,000)	Spent to Date (\$1,000)	Scheduled Completion	Completed Scope
1 – Force Main Stabilization at Alameda Creek Project	\$114	\$0	10/24	6%
2 – FY24 Gravity Sewer Rehabilitation/ Replacement Project	\$153	\$16	8/24	11%
3 – Pump Stations Chemical System Improvements Project	\$996	\$897	12/23	96%
4 – Switchboard No. 3 and MCC No. 25 Replacement Project	\$95	\$80	7/22	87%
5 – WAS Thickener Replacement Project	\$1,017	\$958	6/23	95%

Study Phase – Budget and % of Completed Scope

Current (FY24) Study Phase	Budget (\$1,000)	Spent to Date (\$1,000)	Scheduled Completion	Completed Scope
1 – Alvarado Basin Capacity and Condition Assessment	\$399	\$184	11/24	46%
2 – Co-Digestion Feasibility Study	\$125	\$71	3/24	60%
3 – Cogeneration Replacement and Ventilation Study	\$142	\$137	7/22	98%
4 – Digester Efficiency Study	\$353	\$208	11/23	85%
5 – Energy Resiliency Study	\$256	\$271	12/22	98%
6 – Force Main Condition Assessment	\$121	\$60	10/22	70%
7 – Headworks Degritting Study	\$200	\$191	10/22	99%
8 – Primary Digester No. 8 Feasibility Study	\$111	\$139	9/22	90%



Permitting and Inspections

2024 MONTHLY OPERATIONS REPORT

Sewer Permits Issued

Permits issued upon approved completed plans.

Month	Repairs	Mains	New Laterals*	Secondary Units	Other**	Total
May-24	21	0	11	14	2	48
Apr-24	20	0	2	10	1	33
Mar-24	17	1	16	14	1	49

*New residential lateral connections

**Non-residential construction

Storm Water Inspections (City of Fremont)

Under contract with City of Fremont’s Environmental Services Group, our inspectors conduct routine inspections and document enforcement actions.

Total Inspections		Total Monthly Enforcements						
Current Month	Fiscal Year to Date	Verbal Warning	Warning Letter	Notice of Violation	Admin Fine	Legal Action	Notice of Deficiency	Total
115	1067	3	0	3	7	0	0	13

Pollution Prevention Inspections

Environmental Compliance conducts pollution prevention inspections at restaurants, car wash businesses, and other commercial facilities.

Total Inspections		Total Monthly Enforcements						
Current Month	Fiscal Year to Date	Verbal Warning	Warning Letter	Notice of Violation	Admin Fine	Legal Action	Notice of Deficiency	Total
74	693	7	9	0	0	0	0	16

Permitted Industrial Businesses

City	Industrial Permits
Fremont	58
Newark	12
Union City	11

Examples of Permitted Industrial Businesses:

- Tesla
- Washington Hospital
- US Pipe
- Western Digital
- Lam Research



Staffing and Personnel

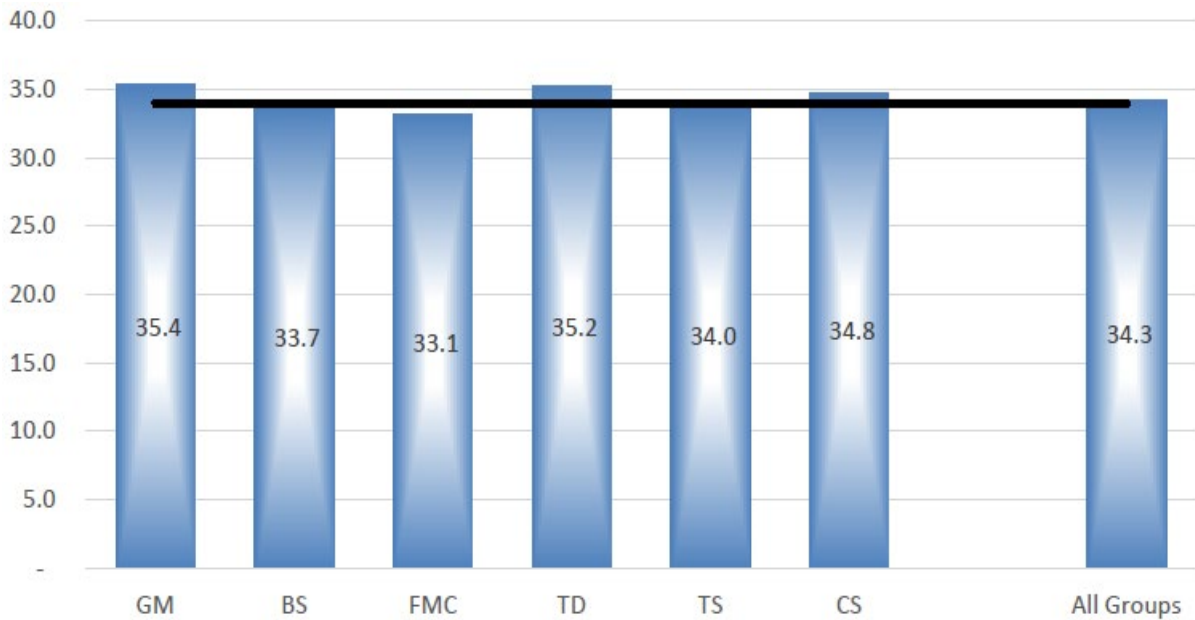
2024 MONTHLY OPERATIONS REPORT

Hours Worked and Leave Time by Work Group

June 22, 2023 through May 22, 2024

Weeks to Date 48 out of 52 (92%)

At-Work Hours Per Employee Per Week



Target is 34

Average Annual Sick Leave Used Per Employee Per Date



Target is 47



Staffing and Personnel

2024 MONTHLY OPERATIONS REPORT

Recruitments

Position	Position Posted	Status
Environmental Compliance Inspector I/II	11/28/2023	Eduardo Cabrera, EC Inspector II, DOH 5/6/2024.
ETSU Junior/Assistant/Associate Engineer – Limited Duration (2 positions)	1/5/2024	James Wang, Associate Engineer, DOH 5/6/2024. Julia Petzoldt, Junior Engineer, DOH 07/15/2024
Chemist I/II	3/21/2024	Elisa Gonzalez, Chemist I, DOH 7/1/2024
Customer Service Fee Analyst	3/28/2024	Elisabeth Hogue, CSFA, DOH 7/1/2024
Mechanic I/II – Limited Duration	3/29/2024	Useable List. Candidate in background process.
CIP Junior/Assistant/Associate Engineer	05/02/2024	In process.
Planner/Scheduler I	05/17/2024	Rica Bercasio, Planner/Scheduler I, Promotion 6/1/2024

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 24, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #7.B**

TITLE: **Third Quarter FY 24 District-Wide Balanced Scorecard Measures *(to be reviewed by the Legal/Community Affairs Committee)* (Information Item)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, CFO/ Business Services Work Group Manager
Alisa Gordon, Organizational Support Team Coach
Karoline Terrazas, Organizational Performance Manager

Recommendation
Information only.

Discussion

This report summarizes progress meeting the District’s strategic objectives and safety measures for the third quarter of fiscal year 2024 to date (July 1, 2023 – March 31, 2024).

Safety

As shown in table 1: Safety Scorecard, the District reported three OSHA recordable incidents. Two of these injuries resulted in lost time and associated costs. Upon evaluation, the incidents were found to be related to sprains and strains. In response, the District has provided training to all staff to minimize injuries and reinforce safe workplace practices.

Operational Excellence

The Districts’ Operational Excellence scorecard measures are displayed in tables 2 through 5. Note that the track and report measures do not have a colored outcome.

- Customer measures - The District continues to emphasize outreach opportunities, providing industry information and District highlights through presentations and tours. Ensuring timely responses to customers remains a top priority. During the third quarter, the District maintained an average response time of approximately 16 minutes for service calls, meeting the goal of responding within one hour or less.
- Financial measures - The District is gradually seeing a stabilization in chemical usage. While it remains out of range compared to previous quarters, the increase in chemical usage is a response to a potential rise in hydrogen sulfide levels in the wastewater.

- Internal process measures - The District's Collections team consistently meets their goal for cleaning the District's sewer lines, a vital preventative maintenance activity that can reduce the occurrence of spills. As anticipated, our sludge volume index (SVI) remains out of target; however, it continues to move in the right direction.
- Employee growth and development measure - The District maintains a balance between the workload and essential training, recognizing the importance of professional development as an important aspect of our industry. The District hosted a staff event in the third quarter.

Measure Outcome Color Key

District will meet and/or exceed this metric
District is monitoring/taking action on this metric
District anticipates not meeting this metric by fiscal end
T&R- Track and report metric

Background

District-Wide Balanced Scorecard Measures are presented quarterly.

Previous Board Action

None

Attachments

1. FY24Q3 Scorecards

Table 1: Safety Objectives and Measures

	Target	Q1	Q2	Q3	Q4	FY24 to Date	Comments	FY23	FY22	FY21
Reduce the number of incidents										
Total incidents with lost days	0	2	0	2		4		3	5	2
Other OSHA recordable incidents	≤4	2	0	1		3		5	9	1
# Incidents of vehicle or equipment accidents/damage	≤2	1	1	0		2		4	3	1
Reduce the impact of incidents on employees and the District										
Cost associated with vehicle/equipment accidents	≤\$5000	\$0.00	\$0.00	\$0.00		\$0.00		16,092.67	\$1,338.75	\$11,194.02
Ave FTE lost time	<0.5	0.05	0.00	0.58		0.21		0.03	0.61	1.03
Total Costs: Lost time Wages only	≤\$46,883	\$1,879.57	\$0.00	\$18,081.78		\$19,961.35		\$1,784.34	\$83,731.16	\$99,187.81
Ave FTE limited duty time	≤0.5	0.00	0.00	0.00		0		0	0	0
Total costs: Limited duty/Other 1/2 wages	≤\$23,441	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00	\$0.00
X- Mod	≤1.0					0.89		0.78	0.83	0.82
Identify and correct poor practices and potential hazards										
# Facility inspections completed (SIT)	2	0	0	1		1		1	N/A	N/A
% of areas of concern identified during internal facility inspections that are resolved within 60 days of report	90%	N/A	N/A	95.00%		95.00%		100%	N/A	N/A
# work site inspections completed	278	76	53	52		181		321	313	346
Implement industry best practices										
# site visits (for potential BMPS) completed and discussed by ET	1	1	0	0		1		N/A	N/A	N/A
Communicate our commitment to safety										
# GM communications on status of safety program and performance	≥4	13	18	2		33		53	47	34
# safety strategy reviews conducted by ET and EHSS	2	0	0	1		1		2	2	48
Educate employees in safe work practices										
# of major safety training events offered	13	5	3	3		11		13	17	13
Ave % of targeted employees trained vs. plan	≥90%	97.00%	92.00%	100.00%		96.30%		94.4%	92.76%	92.66%
Create a positive safety culture										
% Positive responses on the employees safety survey (ave)	≥75%	N/A	N/A	N/A	N/A	N/A	Not scheduled in FY24	93.6%	POSTPONED	POSTPONED

Table 2: Operational Excellence Objectives and Measures- Customer

CUSTOMER OBJECTIVES

	Target	Q1	Q2	Q3	Q4	FY24 to Date	Comments	FY23	FY22	FY21
Stewardship: Demonstrate responsible stewardship of District assets and the environment										
# of Outreach Activities/Events Completed	98	27	46	73		146		167	138	90
Community Events / Online Outreach	53	21	19	19		59		83	84	9
Business	5	1	1	1		3		5	3	4
Schools	35	2	26	52		80		73	44	73
Civic	5	3	0	1		4		6	7	4
Service: Provide reliable, high quality service										
% of service calls responded to within 1 hour	≥95%	100%	100%	100%		100%		100%	100.00%	98.43%
Average time to customer contact	T&R	18 Minutes	15 Minutes	16 Minutes		16 Minutes		21 min	19 min	N/A
Initial response time to contact USD website inquiries (% within 3 business days)	≥90%	98%	98%	92%		96%		98%	100.00%	99.50%
Average Response time of contact USD website inquiries (in days)	T&R	0.61 days	0.44 days	0.79 days		0.61 days		0.76	0.54	N/A
# of adverse impacts on customers that were caused by USD (non-SSO)	≤10	0	0	0		0		0	4	2
Emergencies: Be prepared for emergencies										
# of Emergency Preparedness Activities/Events Completed	4	1	1	4		6		10	7	5
Drills	2	0	1	0		1		2	1	1
Training/Exercises (or Communication)	1	1	0	1		2		6	3	1
Documents, Plans, Policies Updated	1	0	0	3		3		2	3	3

Table 3: Operational Excellence Objectives and Measures- Financial

FINANCIAL OBJECTIVES

	Target	Q1	Q2	Q3	Q4	FY24 to Date	Comments	FY23	FY22	FY21
Fiscal responsibility: Ensure funding for critical programs and projects, while maintaining comparable rates										
Residential Sewer Service Charge (SSC) compared to other local agencies	T&R					Annual		14.7th	11.7th	5.8th
\$: SSC Union Sanitary District	T&R					Annual		\$530.00	\$491.00	\$455
\$: SSC Regional Average	T&R					Annual	FY24 data not available	Annual	\$482.00	\$505
\$: SSC National Average	T&R					Annual	FY24 data not available	Annual	\$551.00	\$526
Total Service Population Change	T&R					Annual		343,680	344,855	356,823
Total Parcels Served	T&R					Annual		94,031	93,378	92,714
Fiscal responsibility:(Financial) Accurately project and control costs										
Debt Coverage Ratio	1.5					Annual		8.64	8.93	6.71
PERS Funding Level	90-100%					Annual		65.60%	76.66%	65.79%
OPEB Funding Level	90-100%					Annual		81.49%	81.49%	60.85%
% of Budgeted Operating Expenditures	95-103%	23.51%	22.23%	25.63%		71.37%		92.20%	94%	100%
% of Budgeted Overtime Used	T&R	22.21%	18.96%	39.67%		80.84%		89.57%	93.62%	N/A
% of Budgeted Special Projects Expenditures	80-110%	10.94%	6.92%	20.25%		38.11%		51.50%	33.26%	N/A
Fiscal responsibility: (Chemical Usage) Accurately project and control costs										
Ferrous Chloride Usage	≤ 40	43.30 GPH	42.80 GPH	38.70 GPH		41.60 GPH		36.3 GPH	39.3 GPH	N/A
Hydrogen Peroxide Usage	≤ 14	18.3 GPH	17.00 GPH	14.50 GPH		15.75 GPH		13.3 GPH	14.3 GPH	N/A
Hypochlorite Usage	≤ 143	171.60 GPH	149.00 GPH	137.50 GPH		152.70 GPH		153.6 GPH	142.4 GPH	N/A
Polymer Usage - Gravity Belt Thickener (GBT)	≤ 5.5	5.20 lbs/dry ton	5.50 lbs/dry ton	4.50 lbs/dry ton		5.07 lbs/dry ton		3.8 lbs/dry ton	4.1 lbs/dry ton	N/A
Polymer Usage - Dewatering	≤ 37	31.3 lbs/dry ton	31.3 lbs/dry ton	32.6 lbs/dry ton		31.7 lbs/dry ton		37.8 lbs/dry ton	35.3 lbs/dry ton	N/A
Fiscal responsibility: (Process) Accurately project and control costs										
Energy Produced: Cogeneration	T&R	33952 kwh/d	28182 kwh/d	31388 kwh/d		31174 kwh/d		33,683 kwh/d	32,887 kwh/d	N/A
Energy Produced: Solar	T&R	441 kwh/d	159 kwh/d	205 kwh/d		268 kwh/d		347 kwh/d	348 kwh/d	N/A
Total Electrical Usage	T&R	53992 kwh/d	54040 kwh/d	53737 kwh/d		53923 kwh/d		52,451 kwh/d	52,039 kwh/d	N/A
Plant Daily Flow (Average)	T&R	22.80 mgd	22.70 mgd	26.50 mgd		24.00 mgd		23.9 mgd	22.6 mgd	N/A
Influent Total Suspended Solids	T&R	371.00 mg/L	324.00 mg/L	308.00 mg/L		334.33 mg/L		337 mg/L	361 mg/L	N/A
Effluent Total Suspended Solids	T&R	8.70 mg/L	9.70 mg/L	12.00 mg/L		10.13 mg/L		11.6 mg/L	10.3 mg/L	N/A
% Removal of Total Suspended Solids	≥85%	98%	97%	96%		97%		97%	97%	N/A

Table 4: Operational Excellence Objectives and Measures- Internal Process Objectives

INTERNAL PROCESS OBJECTIVES										
	Target	Q1	Q2	Q3	Q4	FY24 to Date	Comments	FY23	FY22	FY21
Asset Management: Manage and maintain assets and infrastructure										
% of Preventative and Proactive Maintenance Workorders Completed	≥60%	98.00%	98.90%	98.70%		99%	New for FY24	N/A	N/A	N/A
Total # of Urgent Responses (Plant)	T&R	4	5	9		18	New for FY24	N/A	N/A	N/A
Total # of Urgent Responses (Field)	T&R	65	98	64		227	New for FY24	N/A	N/A	N/A
% of Collection System Cleaned per Plan	100%	20.3%	22.7%	28.5%		71.5%		100.9%	104.1%	N/A
Environmental Protection: Maintain our ability to meet current and future regulations										
# of Category 1 Spills	0	0	0	0		0		0	0	0
# of Category 2/3/4 Spills	≤10	1	0	1		2		1	1	3
Settleability Performance: Sludge Volume Index (SVI)	100 - 150 mL/gal	275 m/gal	310 m/gal	180 m/gal		255 m/gal		240 mL/gal	276 mL/gal	N/A
Number of Days SVI Outside of Range	T&R	59 days	58 days	47 days		164 days		217	232	N/A
Planning: Plan for long-term financial, project, and staffing needs										
Districtwide Critical Projects On schedule	≥85					Annual		46%	68.40%	N/A
How many hours project points expend on District projects	T&R					Annual		884.25	1,336.12	N/A
Efficiency: Optimize processes; Use technology and resources effectively										
# of projects that improve efficiency	T&R					Annual		7	6	N/A

Table 5: Operational Excellence Objectives and Measures- Employee Growth

EMPLOYEE GROWTH & DEVELOPMENT OBJECTIVES

	Target	Q1	Q2	Q3	Q4	FY24 to Date	Comments	FY23	FY22	FY21
Employees: Maintain a highly competent, flexible workforce										
Employee Turnover Rate- Total	T&R					Annual		8.82%	9.29%	3.57%
Employee Turnover Rate Nonretirement	T&R					Annual		2.94%	5.00%	2.14%
% of employees completing training beyond District scheduled	≥80%					Annual		68%	54%	60%
Average training hours per FTE	≥20	7.81 Hours	6.31 Hours	9.21 Hours		23.33 Hours		32.00	19.65	16.99
Business Services	≥20	9.01 Hours	7.62 Hours	6.23 Hours		22.86 Hours		30.42	16.01	19.15
Technical Services	≥20	6.80 Hours	10.28 Hours	10.86 Hours		27.94 Hours		24.31	17.02	18.25
Collections Systems	≥20	6.24 Hours	3.17 Hours	5.89 Hours		15.30 Hours		26.76	22.29	15.181
Fabrication, Maintenance, and Construction	≥20	7.02 Hours	4.38 Hours	11.22 Hours		22.62 Hours		48.01	25.26	18.85
Treatment and Disposal	≥20	9.97 Hours	6.12 Hours	11.86 Hours		27.95 Hours		30.51	16.36	14.66
Safety: Work safely; reduce accidents and injuries										
See Safety Scorecard										
Culture: Foster a collaborative employee-management relationship that encourages new ideas and continuous improvement										
% of employee participating in committee and/or taskforces (Excludes management)	≥45%					Annual		33%	34%	36%
# Districtwide Employee Engagement Activities Completed (Survey, training, events)	T&R	0	1	1		2		2	0	N/A

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 24, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #10**

TITLE: **Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2025 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls (*to be reviewed by the Budget & Finance Committee*) (*Motion Item*)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, CFO, Work Group Manager

Recommendation

Conduct a public hearing and receive oral or written protests to the proposal to collect sewer service charges on the tax rolls, and if a majority protest is not received, adopt a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls for FY 2025.

Discussion

The District has collected sewer service charges on the general Alameda County tax rolls for many years; however, the Board must hold a public hearing annually to consider and authorize collection of the sewer service charges on the tax rolls. The procedures required for the collection of sewer service charges on the tax rolls are set forth in California Health and Safety Code sections 5473 et seq. Pursuant to these procedures, the District may authorize the collection of sewer service charges for fiscal year 2025 to be collected on the tax rolls, consistent with past practices, by:

1. Creating a report setting forth the sewer service charges to be assessed on each parcel in the District and filing the report with the Board Clerk.
2. Scheduling a public hearing for the Board to hear objections and protests to the report, if any.
3. Publishing notice of the filing of the report and the public hearing.
4. Holding the public hearing and considering any objections and protests to the report.
5. If there is no majority protest, adopting the report and authorizing the collection of the sewer service charges on the tax rolls in accordance with the report.

Staff prepared the report setting forth the sewer service charges to be assessed on each parcel in the District for fiscal year 2025. The report is available for public inspection at the Districts offices, and staff published notice of the report and the public hearing to consider the report in the Argus newspaper on June 14, 2024, and June 21, 2024, and in the Tri-City Voice on June 11, 2024 and June 18, 2024. Once available, a Proof of Publication from both newspapers will be filed with the Board Clerk. After considering any objection and protests to the report, the Board has the option of revising, changing, or

modifying any charge specified in the report or overruling any objections and adopting the report. As of the publishing of this staff report, the District has not received any protests.

Staff recommends the Board take the following actions:

1. Conduct a public hearing to receive written and oral comments on the proposal to collect sewer service charges via the property tax rolls; and
2. Unless there is a majority protest, overrule any objections to the report and adopt a Resolution Electing to Collect Sewer Service Charges on Tax Rolls

Background

On May 13, 2024, the Board directed staff to schedule a public hearing on June 24, 2024 regarding collection of sewer service charges on the tax rolls and to publish the required public notices.

Previous Board Action

May 13, 2024 Board Meeting - Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2025

Attachments

1. Public Hearing Notice June 2024
2. Reso To Place SSC on Tax Rolls 06-24-24

UNION SANITARY DISTRICT

NOTICE OF FILING REPORT AND PUBLIC HEARING IN CONNECTION WITH THE COLLECTION OF FISCAL YEAR 2025 SEWER SERVICE CHARGES ON THE PROPERTY TAX ROLL

NOTICE IS HEREBY GIVEN that pursuant to Sections 5471 and 5473, et seq. of the Health and Safety Code of the State of California and Union Sanitary District Ordinance No. 31, the Board of Directors of Union Sanitary District will consider whether to collect its charges for sewer services for fiscal year 2025 on the tax roll, in the same manner as general taxes, consistent with past practices.

The District has filed a written report with the Secretary of the Board of Directors describing each parcel of real property subject to the charges and the amount of the charges against that parcel for fiscal year 2025. The District's report is on file and available for public inspection at the District Offices.

For reference, the charges for a single-family homeowner (the majority of USD's customers) and all other rates for individual customers can be found by contacting the District at (510) 477-7500 or on the Districts website www.unionsanitary.com/rates/sewer-service-charges

NOTICE IS FURTHER GIVEN that on Monday, the 24th day of June 2024, at the hour of 4:00 p.m. or as soon thereafter as the matter may be heard, during the Board meeting to be held at the Union Sanitary District Boardroom, 5072 Benson Road, Union City, California, in said District, the Board will hold a hearing to consider the report and whether to collect the sewer service charges for fiscal year 2025 on the property tax roll. At the hearing, the Board of Directors will hear and consider all objections or protests, if any, to the District's report. Any questions regarding the charges may be directed to Mark Carlson, CFO, Business Services Manager.

Publish dates: June 11, 2024 – Tri-City Voice
June 18, 2024 – Tri-City Voice
June 14, 2024 – Argus
June 21, 2024 – Argus

By order of the Board of Directors of Union Sanitary District.

RESOLUTION NO. _____

RESOLUTION OF THE UNION SANITARY DISTRICT BOARD OF DIRECTORS ELECTING TO COLLECT SEWER SERVICE CHARGES ON TAX ROLLS FOR FISCAL YEAR 2025

WHEREAS, the Union Sanitary District (“District”) has duly adopted Ordinance No. 31.40 which sets the sewer service charges for fiscal years 2021 through 2025; and

WHEREAS, California Health & Safety Code section 5473 provides that the District may elect to have such sewer service charges collected on the County property tax rolls; and

WHEREAS, the District Board of Directors directed the preparation of a written report on Sewer Service Charges for Collection on Tax Rolls for Fiscal Year 2025 (the “Report”); and

WHEREAS, the Board appointed the time and place of hearing for protests to the Report and notice was given in the manner provided by law as it appears by the Affidavits of Publication on file in the office of the Board Clerk; and

WHEREAS, the District Board of Directors, at its regular meeting of June 24, 2024, held a hearing, where the Board heard and considered all objections or protests, and protests from a majority of owners of separate parcels was not received.

NOW, THEREFORE, IT IS RESOLVED AS FOLLOWS:

1. All recitals above are true and incorporated by reference herein.
2. The Board finds that objections to and protests against the Report were not made by the owners of a majority of the separate parcels of property within the District against which sewer service charges for the services and facilities provided by the District were fixed.
3. The Board further finds that all objections to and protests have been heard by this Board and that any objections and protests are hereby overruled.
4. The Report is hereby adopted, and sewer service charges based upon these rates and the sewer service charges for fiscal year 2025 shall be collected on the tax roll of the County of Alameda in the manner provided by law.
5. The Board Clerk is hereby directed to file with the County Auditor of Alameda County a certified copy of the Report and this Resolution stating that the Report has been adopted by the District Board of Directors.
6. The Auditor Controller of the County of Alameda shall, upon receipt of a copy of the Report showing the amounts of the charges based upon adopted rates, enter the amounts of the charges against the respective lots or parcels as they appear on the current assessment roll for fiscal year 2025.

I hereby certify that the foregoing Resolution was duly and regularly adopted and passed by at least a two-thirds vote of the Board of Directors of the UNION SANITARY DISTRICT, Alameda County, California, at a meeting thereof held on the 24th day of June, 2024.

AYES:

NOES:

ABSENT:

ABSTAIN:

Jennifer Toy, President
Board of Directors Union Sanitary District

ATTEST:

Pat Kite, Secretary
Board of Directors Union Sanitary District

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 24, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #11**

TITLE: **Authorize the General Manager to Execute Amendment No. 1 to Task Order No. 2 with Hazen and Sawyer for the Enhanced Treatment and Site Upgrade Phase 1A Project for Campus Solar Facilities (*to be reviewed by the Engineering and Information Technology Committee*) (Motion Item)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Gus Carrillo, Enhanced Treatment and Site Upgrade Assistant Program Manager
Oscar Fajardo, Enhanced Treatment and Site Upgrade Junior Engineer
ETSU Steering Committee (Armando Lopez, Raymond Chau, Robert Simonich)

Recommendation

Staff recommends the Board authorize the General Manager to execute Amendment No. 1 to Task Order No. 2 with Hazen and Sawyer (Hazen) for the design services for the Enhanced Treatment and Site Upgrade (ETSU) Phase 1A Campus Solar Facilities Project (Project) in the amount of \$593,297.00 subject to revisions that may be approved by the General Manager in consultation with the General Counsel.

Discussion

This Project will provide additional onsite power generation using solar photovoltaic panels installed on a modified covered carport area to offset the upcoming increased operating power demands required to accomplish nutrient reduction in the treatment plant effluent.

The Project incorporates a new solar array at the existing covered carport area. The design will include a bid alternative to potentially expand the footprint and provide a larger solar system. The Project will also include new electrical infrastructure to support future District electric vehicles and one new level 3 electric vehicle charging station. Figure 1 (attached) indicates the area within the plant site where the work is expected.

In April 2021 and, again in April 2022 staff submitted an application to the District’s congressional representatives for the Project to receive a grant. In December 2022 Congress enacted legislation to fund the grant at a 50% cost share, up to a total grant amount of \$2.15 million. The Department of Energy (DOE) is administering the grant and requested a series of application items from staff. On April 15, 2024, the DOE awarded the grant for the project enabling the District to begin to spend funds on the Project.

Amendment No. 1 to Task Order No. 2,

Staff negotiated Amendment No. 1 to Task Order No. 2 with Hazen to provide the design services required for the Project with a total not to exceed fee of \$593,297.00. A detailed summary of the scope and fee for Amendment No. 1 is included in the background section of this report.

The not-to-exceed fee is 15 percent of the preliminary construction cost estimate of \$3,900,000. For a project of this size and scope, staff expect the fee to be in the range of 8 to 15 percent. Staff believes this fee is appropriate when considering there are additional scope items that are required due to the DOE grant and the addition of a pre-procurement process for some electrical equipment. If these services were excluded, the fee would be reduced to 12 percent of the preliminary construction cost estimate.

Staff anticipates completion of the design of the Project by summer 2025 and award of the construction contract in the fall of 2025. Construction of the Project is expected to take approximately 24 months.

Amendment No. 1 to Task order No. 2 is proposed to add the ETSU Campus Solar Project to the Phase 1A project with the major scope items as follows:

- Partial demolition of the existing covered carport structure currently used to park Collections and FMC vehicles and equipment.
- Construction of a new cover over this area which includes solar panels.
- Installation of one level 3 fast charger for District fleet vehicles.
- Infrastructure to accommodate future electric vehicle chargers for District fleet vehicles.
- New Electrical equipment, as required to connect to existing electrical infrastructure, for solar power generation and EV Charger power distribution.

The following table summarizes the scope and fee for Amendment No. 1 to Task Order No. 2:

Task ID	Amendment No. 1 to Task Order No. 2 Descriptions	Fee
A	Project Management – Project coordination, meetings, and management of subconsultants. Budget and Invoice Reporting	\$75,184
B	Field Investigation, Permitting and Environmental Documentation- Review of Record Drawings, Site Visits,	\$107,281
C	Preliminary Design Report (PDR) and 30% Design Documents – <i>Draft Drawings, Specification, Solar System Technical Advisor and Design Review Workshops</i>	\$89,696
D	<i>60% Design Documents– Draft Drawings and Specifications and Design Review Workshops</i>	\$111,290
E	<i>90% Design Documents – Draft Drawings and Specification and Design Review Workshops. Consult with Solar System Technical Advisor</i>	\$110,831

F	Final Design Documents – <i>Finalize Design Drawings and Specification</i>	\$56,864
G	Funding Support – <i>Assist and provide support with Funding Applications and Coordination</i>	\$20,740
H	Bid Period Services – <i>Pre-Bid Meeting, Responses to RFI, and Conformed Drawings</i>	\$21,411
Total Not-to-Exceed Fee for Amendment No. 1		\$593,297

With the addition of Amendment No. 1 to Task Order No. 2 the proposed total not-to exceed fee for the Phase 1A Project agreement with Hazen is summarized in the table below:

Description	Fee
Task Order No. 1 - Aeration Basin Project Design Services	\$6,752,860
Task Order No. 2 – Campus Building Project Design Services	\$3,737,412
Amendment No. 1 to Task Order No. 1 – Aeration Basin No. 8 (30% Design)	\$98,335
Amendment No. 2 to Task Order No. 1 – Geotechnical Field Investigation, Aeration Basin No. 8 (Final Design), Lift Station No. 2, and Public Easement	\$750,760
Task Order No. 3 – Aeration Basin Project Engineering Services During Construction	\$3,924,756
Task Order No. 4 – Campus Building Project Design Service During Construction	\$4,649,745
Amendment No. 1 to Task Order No. 2 – Solar Panel Design and Engineering Services for DOE Grant	\$593,297
Total for Phase 1A Project Fee	\$20,507,165

Background

The Enhanced Treatment & Site Upgrade (ETSU) Program is the culmination of the District’s planning efforts and is based on the outcomes and findings of the Plant Solids System/ Capacity Assessment – Phases 1 and 2, Administration/Control/FMC Buildings Evaluation, the Effluent Management Study and the Secondary Treatment Process Improvements evaluation. The program includes projects recommended for implementation that will be phased to address both immediate drivers (poor sludge settleability, treatment capacity, effluent disposal and aging infrastructure), while preparing for future requirements such as nutrient regulations for discharge in the Bay that are currently being considered by the Regional Water Quality Control Board.

The Phase 1 and 2 projects included in this program were presented to the Board during the workshop held on May 8, 2019 and are summarized in the Final Report which was approved by the Board on August 26, 2019. A third phase of projects was briefly outlined that covered the timeframe from 2040 to 2058 and included potentially stricter nutrient limits in the more distant future. The projects identified in the ETSU Program to be implemented in the near-term (the next seven to ten years) are included in Phase I and are summarized in the table below.

Phase 1A	Aeration Basin Modifications	Retrofitting the existing Aeration Basins 1 through 7 with the flexibility to operate initially with an anaerobic selector during implementation phase of the ETSU Program and transitioning to a biological nutrient removal (BNR) process following completion.
Phase 1A	Campus Building (Admin, FMC, Ops)	Construction of a new combined Campus Building, including associated site and utility improvements and the demolition of existing buildings.
Phase 1B	Secondary Clarifiers	Construction of four new 155-foot diameter secondary clarifiers, mixed liquor control box, and centralized RAS pump station.
Phase 1B	Effluent Facilities	Construction of new chlorination/dechlorination contact basins and pump stations and relocation of existing effluent force main.
Phase 1C	Plant Equalization Storage	Retrofitting existing Secondary Clarifiers 1 through 4 to operate as a primary effluent/treated effluent equalization basin.

The full version of the ETSU Program report, including appendices, can be found at the District's website.

ETSU Phase 1A Project

Staff developed a Phase 1A Project (Project) scope which includes the Aeration Basin Modifications project and the Campus Building project. These two projects were designed together for the initial construction because they are the first two concurrent projects that must both be completed before the remainder of Phase 1 can be accomplished, specifically the new secondary clarifiers, which are necessary for nutrient reduction.

Task Order No. 1 was executed to design the Aeration Basin Modifications Project which has the major scope items as follows:

- Retrofit Aeration Basins 1 through 7 to initially operate with an anaerobic selector to improve settling and then transition to a Biological Nutrient Removal (BNR) process to remove nutrients at the conclusion of Phase 1B.
- Replace Roof Deck for Aeration Basins 1 through 4. The existing precast prestressed concrete tee-section beams to be replaced with a new cover.
- Replace Aeration Blowers 7 through 10 and Channel Blowers 1 through 4 with new high-speed turbo blowers. This work includes the replacement/upsizing of existing 480V electrical gear and demolition of existing centrifugal blowers and 4160 kV switchgear.
- Replace Odor Scrubbers 2 through 5. This work includes the demolition of the existing odor scrubber facilities.
- Expand and/or retrofit existing electrical, mechanical, communication, and conveyance systems/equipment as required to accomplish the above scope of work.

Other than yard piping, the replacement of Aeration Blowers 7 through 10 and Channel Blowers 1 through 4, and the replacement of Odor Scrubbers 2 through 5, all Aeration Basin Modifications work is anticipated to be located within the existing aeration basin footprints.

Task Order No. 2 was executed to design the Campus Building Project which has the major scope items as follows:

- Construct a new Campus Building that consolidates the District's existing Administration, Control/Lab and Fabrication, and Maintenance and Construction (FMC) buildings and is constructed in accordance with current seismic and safety regulations. This work includes all associated site, landscaping and utility improvements, and new parking areas and driveways.
- Construct a new storm water retention pond and covered parking with solar panels in portions of the new parking lots to be constructed around the new Campus Building.
- Install electrical and communication/network improvements as required to accomplish the above scope of work.

Previous Board Action

August 26, 2019, the Board Adopted Resolution 2864 Approving the District's Final Report for the Enhanced Treatment & Site Upgrade Program.

January 13, 2020, the Board authorized the General Manager to execute an Agreement and Task Order No. 1 with Hazen and Sawyer in the amount of \$6,752,860 for the Enhanced Treatment and Site Upgrade Phase 1A Project to provide the 30% design services for all projects in Phase 1 of the ETSU Program (excluding the Campus Building project) and final design services associated with the Aeration Basin Modifications Project.

March 9, 2020, the Board authorized the General Manager to execute Task Order No. 2 with Hazen and Sawyer in the amount of \$3,737,412 for the Enhanced Treatment and Site Upgrade Phase 1A Project to complete the design of the Campus Building Project.

July 13, 2020, the Board authorized the General Manager to execute Amendment No. 1 to Task Order No. 1 with Hazen and Sawyer in the amount of \$98,335 for the Enhanced Treatment and Site Upgrade Phase 1A Project to include Aeration Basin No. 8 in the 30% Design of the Aeration Basin Modifications Project.

November 11, 2020, the Board authorized the General Manager to execute Amendment No. 2 to Task Order No. 1 with Hazen and Sawyer in the amount of \$750,760 for the Enhanced Treatment and Site Upgrade Phase 1A Project to include Aeration Basin No. 8 in the Final Design of the Aeration Basin Modifications Project.

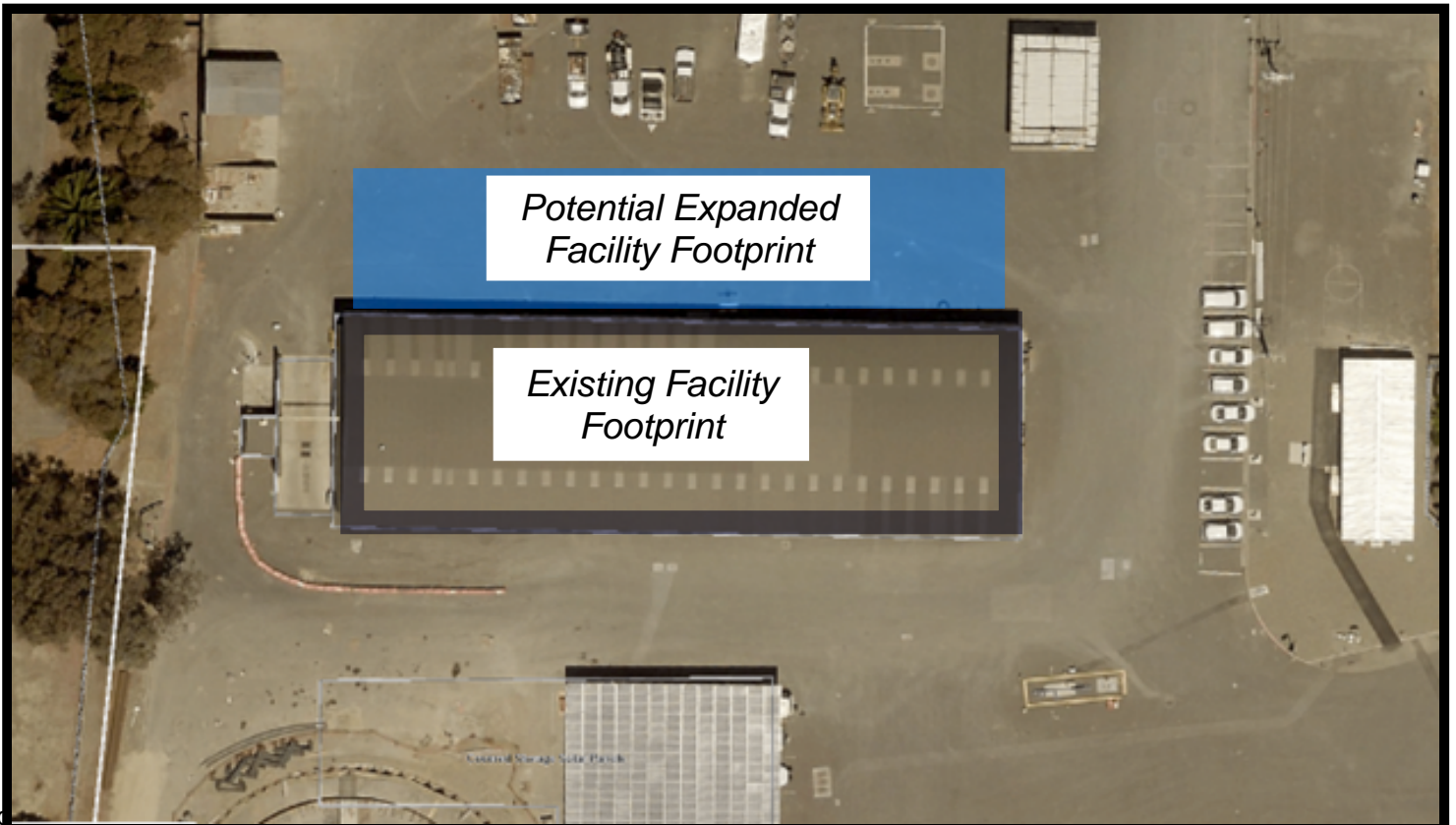
February 28, 2022, the Board authorized the General Manager to Execute Task Order No. 3 with Hazen and Sawyer to provide Engineering Services During Construction for the Enhanced Treatment and Site Upgrade Program Phase 1A Aeration Basin Modifications Project.

August 22, 2022, the Board authorized the General Manager to Execute Task Order No. 4 with Hazen and Sawyer to provide Engineering Services During Construction for the Enhanced Treatment and Site Upgrade Program Phase 1A Campus Building Project.

Attachments

1. Figure 1 - Site Plan
2. Amendment No. 1

Figure 1 - Site Plan



ENHANCED TREATMENT & SITE UPGRADE – PHASE 1A PROJECT

AMENDMENT NO. 1

TO

TASK ORDER NO. 2

TO

PROFESSIONAL SERVICES AGREEMENT

BETWEEN

UNION SANITARY DISTRICT

AND

HAZEN AND SAWYER

FOR

PROFESSIONAL SERVICES

Dated January 13, 2020

1. PURPOSE

The purpose of this Amendment No. 1 to Task Order No. 2 is to incorporate a new solar array on the existing rehabilitated covered storage facility, a bid alternate for an expanded new covered storage facility with solar array adjacent to the existing covered storage facility, and a new EV charging station with infrastructure to facilitate future additional EV Chargers for large trucks for the Enhanced Treatment & Site Upgrade (ETSU) Program Campus Phase 1A Project (Project). The new covered storage facility may be connected to the existing facility or be a separate facility. All work for this Amendment will be executed in accordance with the requirements of the Department of Energy (DOE) grant award: DE-EE0010805 dated 3/1/2024

2. PROJECT COORDINATION

All work related to this task order shall be coordinated through the ETSU Program Manager, Ric Pipkin.

3. SCOPE OF SERVICES

The Scope of Services for Task Order No. 2 are amended as follows:

Task 8 Project Management

8.1 Project Coordination

Oversee project coordination, monitoring, and administration for efficient progress and adherence to timelines.

8.2 Project Meetings

Attend meetings and/or teleconferences with the Engineer and/or District staff. Participate actively in project coordination meetings to align strategies and facilitate effective communication.

8.3 Subconsultant Management

Oversee project coordination and administration of the subconsultants for technical assistance and adherence to timelines.

8.4 Invoicing and Budget Reports

Generate and submit detailed budget reports and invoices, ensuring financial transparency and compliance with project funding requirements. Prepare monthly progress reports/project summaries per the District's and Engineer's requirements.

Task 9 Field investigations, Permitting, and Environmental Documentation

9.1 Review of Record Drawings

The Engineer will review existing record drawings of the project site.

9.2 Site Visits

The Lead Structural Engineer, Electrical, and Civil Engineers will conduct two (2) site visits to examine current installation. One visit is assumed to occur at the beginning of the Task Order and a second visit is expected to occur during the detailed design phase.

9.3 Industrial Hygiene Evaluation

The Engineer will perform an analysis of the existing covered storage structural members for lead-containing paint. The Engineer will:

- Take samples of existing covered storage steel members for lead-containing paint and roofing materials.
- Perform lab analysis of the samples.
- Provide a technical memorandum summarizing the results of the analysis and providing guidance for the proper removal and disposal of any contaminated materials.
- Review the design specifications and drawings for conformance to the technical memorandum recommendations.

9.4 Soils Management Specification

Engineer to develop specification requirements for the management of the soils from the site. It is anticipated that most if not all of the soil from this site will likely need to be disposed of at a Class 1 landfill, however the total soil disposal amount is anticipated to be less than 200 cubic yards.

9.5 CEQA Documentation

The Engineer will coordinate with the District to determine if an addendum to the ETSU

Program Mitigated Negative Declaration (MND) is required. If required, the Engineer will prepare the addendum. If not required, the Engineer will prepare the categorical exemption.

9.6 Permitting

The engineer will assist the District with determining what permits are required. If permits are required, they may include the following permits and coordination which engineer shall assist with acquiring if required:

- Union City Building Department
- Union City Fire Marshall

Task 10 Preliminary Design Report (PDR) and 30% Design Documents

Engineer shall develop the 30% Design drawings, estimate of probable construction cost, and schedule for the Project. This work includes preparation of a Preliminary Design Report, developing 30% demolition, civil, structural, fire protection, and electrical plans, draft Photovoltaic System specification, and a preliminary engineer's estimate. The Engineer will also participate in one (1) 30% design review meeting.

Elements of the design are anticipated to include:

- Demolition. Removal of existing steel structural members to be replaced by new structural members, existing roof and structure, existing electrical lighting fixtures and conduit, and existing fire sprinkler system.
- Pavement and drainage of the disturbed areas. Drainage includes the existing covered storage downspouts and the new covered storage downspouts and new piping to the storm drainage pump station.
- Structural for the replacement of the existing covered storage structural members and roof and reuse of foundation. Structural design for a new covered storage facility. The existing CMU wall, car wash, and enclosed portion of the building is anticipated to be maintained except as required by building codes (for example fire sprinklers).
- Photovoltaic performance specification. Development of the solar array specification and requirements, coordination of the new solar system with the District's existing electrical system.
- Electrical power for the new PV system and EV charging station, lighting and receptacles. This is anticipated to include conduit and switchgear, and panelboards for future expansion of 8-16 level 3 chargers for large trucks in the future.
- Industrial Hygiene for lead-containing paint and roofing materials.

- Fire Protection for the replacement of the existing fire sprinkler system. This work includes hydraulic modeling to demonstrate compliance of the underground system with fire code and performance-based specification/drawings for the new fire sprinkler system.

Task 11 60% Design Documents

Engineer shall expand the 60% Design drawings, major specifications, estimate of probable construction cost, and schedule for the Project. Developing full size 60% demolition, civil, structural, fire protection, and electrical plans and preparing the preliminary engineer's estimate. The Engineer will also participate in one (1) 60% design review meeting.

Task 12 90% Design Documents

Engineer shall expand the 90% Design drawings, specifications, estimate of probable construction cost, and schedule for the Project. Developing full size 90% demolition, civil, structural, fire protection, and electrical plans, preparing a set of technical specifications, and preliminary engineer's estimate. The Engineer will also participate in one (1) 90% design review meeting.

It is assumed that at the 90% design level the Engineer will provide a technical specification that can be used for the pre-procurement of the transformer required for the project. The pre-procurement is intended to mitigate schedule impacts often associated with lead times for large medium voltage transformers.

Task 13 Final Design Documents

Engineer will complete the bid-ready Final Design drawings, specifications, estimate of probable construction cost, and schedule for the Project.

Task 14 Funding Support

The Engineer will assist the District with documentation during the planning and design phases for the District's submission to the Department of Energy, in adherence to the Statement of Project Objectives Milestone Summary Table. Documentation will be submitted on a quarterly basis to the Department of Energy (DOE).

Project specifications will incorporate all requirements of the federally funded grant through the DOE including the new Build America Buy America Provisions.

Task 15 Bid Period Services

15.1 The Engineer and District will attend pre-bid meetings with prospective contractors. The District will lead the meeting.

15.2 The Engineer will assist the District with responses to Request for Information from the bidder and prepare two addenda.

15.3 The Engineer will prepare conformed drawings incorporating addenda.

4. DELIVERABLES

The deliverables from Tasks 8-15 of Task Order No. 2 shall be expanded to include the following:

Task 8: Project Management

- Meeting Agendas
- Project Schedule
- Meeting Notes

Task 9: Field Investigations, Permitting, and Environmental Documentation

- Industrial Hygiene Technical Memorandum
- Permitting applications as/if required
- Environmental Documentation

Task 10: Preliminary Design Report and 30% Design Documents

- Preliminary Design Report
- 30% Design submittal

Task 11: 60% Design Documents

- 60% Design submittal

Task 12: 90% Design Documents

- 90% Design submittal
- Transformer specification and drawing for pre-procurement

Task 13: Final Design Documents

- Final Design submittal

Task 14: Funding Support

- Meeting Agendas
- Meeting Notes

Task 15: Bid Period Services

- Addenda, up to two (2)
- Conformed Drawings and Specifications

The Engineer shall submit technical memoranda, reports, and specifications in both MS Word and PDF formats; presentations in both PowerPoint and PDF formats; drawings in the latest AutoCAD version; and other deliverables required for the project to the District electronically.

5. PAYMENT TO THE ENGINEER

Payment to the Engineer shall be as called for in Articles 4 and 5 of the Professional Services Agreement. The Multiplier for Amendment No. 1 shall be 3.15, the profit shall be 10 percent, and the not-to-exceed amount shall be \$593,297. A summary of the anticipated distribution of cost and manpower between tasks is shown in Exhibit A.

The following table summarizes the previously executed and proposed task orders and amendments under the Professional Services Agreement:

Task Order / Amendment	Not to Exceed Amount	Board Authorization Required?	District Staff Approval
Task Order No. 1 – Aeration Basin Sub-Project Design Services	\$6,752,860	Yes	Paul Eldredge
Task Order No. 2 – Campus Building Sub-Project Design Services	\$3,737,412	Yes	Paul Eldredge

Amendment No. 1 to Task Order No. 1 – Aeration Basin No. 8 (30% Design)	\$98,335	No ¹	Paul Eldredge
Amendment No. 2 to Task Order No. 1 – Geotechnical Field Investigation, Aeration Basin No. 8 (Final Design), Lift Station No. 2, and Public Easement	\$750,760	Yes	Paul Eldredge
Task Order No. 3- Aeration Basin Sub-Project ESDC	\$3,924,756	Yes	Paul Eldredge
Task Order No. 4- Campus Building Sub-Project DSDC	\$4,649,745	Yes	Paul Eldredge
Amendment No. 1 to Task Order No. 2 – Solar Panel Design and ESDC Services for DOE Grant	\$593,297	Yes	Paul Eldredge
Total	\$20,507,165		

Note 1: Although Board Authorization was not required for Amendment No. 1 it was requested and authorized by the Board at the July 13, 2020, Board Meeting.

6. TIME OF COMPLETION

All work defined in this Amendment shall be completed without altering the overall contract duration previously established in Task Order No. 2. The anticipated milestone dates are as follows:

<u>Milestone</u>	<u>Anticipated Date</u>
30% Design Documents	October 17, 2024
30% Design Report Workshop	October 31, 2024
60% Design Documents	February 4, 2025
60% Design Workshop	February 18, 2025
90 % Design Documents	May 13, 2025
90% Design Workshop	May 27, 2025

Final Design Documents

August 26, 2025

7. KEY PERSONNEL

Engineering personnel assigned to this Amendment No. 1 are as follows:

<u>Role</u>	<u>Key Person to be Assigned</u>
Principal in Charge	Tony Greiner
Electrical Engineer	Jack Yao
Structural Engineer	Amy Thurston

All other terms and conditions of the Professional Services Agreement and Task Order No. 2 remain unchanged.

IN WITNESS WHEREOF, the parties hereto have made and executed this Amendment No. 1 to Task Order No. 2 as of June ____, 2024 and therewith incorporate it as part of the Agreement.

DISTRICT

ENGINEER

Union Sanitary District

Hazen and Sawyer

By: _____
Paul R. Eldredge, P.E.
General Manager/District Engineer

By: _____
Tony Greiner, P.E.
Vice President

Date: _____

Date: _____

By: _____
Gary Haubner, P.E.
Secretary

Date: _____

EXHIBIT A

UNION SANITARY DISTRICT Amendment No. 1 to Task Order No. 2 Enhanced Treatment and Site Upgrade Phase 1A Project Campus Solar Project		Principal in Charge	QAQC Electrical	QAQC Structural	Cost Estimating	Project Manager	Funding/Deputy Project Manager	Environmental Associate	Electrical	Fire Protection	Hydraulic Modeling	Structural Senior Assoc	Structural Assoc	Architecture Senior Associate	Geotechnical	Electrical Engineering	Site/Civil Lead	CADD/BIM	Structural Engineering	Architectural Designer	Structural Design	Project Administrator	H&S Labor Cost	Summarized Subconsultants & ODCs	Total Fee
		Rate	\$330	\$270	\$255	\$270	\$270	\$170	\$230	\$300	\$290	\$230	\$265	\$255	\$265	\$308	\$160	\$200	\$214	\$150	\$160	\$150	\$120		
8	Project Management	8	0	0	0	112	112	0	16	0	0	20	0	0	0	0	8	0	0	0	0	88	\$ 74,184	\$ 1,000	\$ 75,184
	8.1 Project Coordination					40	40									0						40	\$ 22,400		
	8.2 Project Meetings	8				36	36		16			16					0						\$ 27,523		
	8.3 Subconsultant Management					24	24					4					8					24	\$ 16,101		
	8.4 Invoicing and Budget Reports					12	12										0					24	\$ 8,160		
9	Field investigations, Permitting, and Environmental Documentation	0	0	0	0	36	96	40	48	0	0	26	8	0	0	8	84	0	0	0	0	52	\$ 82,896	\$ 24,385	\$ 107,281
	9.1 Review of Record Drawings					4			16			4				8							\$ 8,541		
	9.2 Site Visits								16			16	8			8	24						\$ 17,163		
	9.3 Industrial Hygiene Evaluation					8	8					2					4					4	\$ 5,330		
	9.4 Soils Management Specification					8	8										16						\$ 6,720		
	9.5 CEQA Documentation					16	80	40									0					48	\$ 32,880		
	9.6 Permitting								16			4					32						\$ 12,261		
10	Preliminary Design Report (PDR) and 30% Design Documents	3	4	4	4	4	0	0	34	20	40	18	24	4	16	32	68	16	12	28	58	0	\$ 84,446	\$ 5,250	\$ 89,696
	Preliminary Design Report (PDR)	1	2	2		4			8	8	40	8	8		16		20		0				\$ 29,465		
	Draft Drawings	1	2	2	4				14	8		6	12	4		24	24	16	12	28	58		\$ 41,729		
	Draft Specifications								8							8	16						\$ 6,880		
	Solar System Technical Advisor	1															0						\$ 330		
	Design Review Workshop								4	4		4	4				8						\$ 6,041		
11	60% Design Documents	12	12	12	4	0	0	0	60	24	0	14	56	2	6	96	40	16	40	24	120	0	\$ 111,290	\$ -	\$ 111,290
	Draft Drawings	12	8	8	4				40			6	44	2	6	80	16	16	40	24	120		\$ 83,687		
	Draft Specifications		4	4					16	20		4	12			16	16		0				\$ 22,582		
	Design Review Workshop								4	4		4					8						\$ 5,021		
12	90% Design Documents	8	12	12	4	2	2	0	66	12	0	16	44	2	6	100	48	16	32	24	106	0	\$ 105,581	\$ 5,250	\$ 110,831
	Draft Drawings	8	8	8	4				40			6	32	2	6	80	24	16	32	24	106		\$ 77,607		
	Draft Specifications		4	4					20	8		4	12			20	16		0				\$ 20,942		
	Solar System Technical Advisor					2	2		2			2					0						\$ 2,010		
	Design Review Workshop								4	4		4					8						\$ 5,021		
13	Final Design Documents	0	12	12	4	0	0	0	36	4	0	8	20	2	4	52	32	16	16	20	32	0	\$ 56,864	\$ -	\$ 56,864
	Draft Drawings		8	8	4				24			6	12	2	4	40	24	16	16	20	32		\$ 43,912		
	Draft Specifications		4	4					12	4		2	8			12	8		0				\$ 12,952		
14	Funding Support	0	0	0	0	24	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	\$ 20,740	\$ -	\$ 20,740
	Funding Support					24	50										0					48	\$ 20,740		
15	Bid Period Services	0	0	0	0	2	2	0	20	5	0	6	8	0	0	16	16	0	8	0	8	2	\$ 20,361	\$ 1,050	\$ 21,411
	15.1 Pre-Bid Meeting					2	2		4								0					2	\$ 2,320		
	15.2 Respond to RFI								8	4		4	4				0		4				\$ 6,241		
	15.3 Conformed Drawings								8	1		2	4			16	16		4		8		\$ 11,800		
	TOTAL	31	40	40	16	180	262	40	280	65	40	108	160	10	32	304	296	64	108	96	324	190	\$556,362	\$36,935	\$593,297

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 24, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #12**

TITLE: Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2025 (*to be reviewed by the Budget & Finance Committee*) (*Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, CFO, Work Group Manager

Recommendation

Review and consider adoption of the Proposed Operating and CIP Budget for Fiscal Year 2025.

Discussion

Attached is the proposed Operating and CIP Budget for FY 2025. This budget reflects the Board’s input and revisions made after the Budget Workshop on April 30, 2024, and the Draft Budget presented to the Board at the meeting on May 28, 2024. There is one proposed change to the budget document since the draft was presented at the May 28, 2024 Board meeting:

1. Increasing the Sewer Service Charge revenue by \$150,000 from \$92.136 million to \$92.286 million. This increase is based upon an updated analysis of the supporting data since the last presentation to the Board.

Background

The Board met in a budget workshop on April 30, 2024, to discuss the proposed FY 2025 budget. Feedback from that meeting was then incorporated into a budget presentation at the May 28, 2024 Board meeting to which there was no further budget modifications recommended by the Board.

Previous Board Action

- April 30, 2024 – Board Budget Workshop
- May 28, 2024 – Proposed budget presented to Board

Attachments

1. Proposed Operating and CIP Budget FY 2025



USD TREAT
PROTECT
PRESERVE
est. 1918
TRI-CITY WASTEWATER

Union Sanitary District

Union City, California

Proposed Operating and CIP Budget FY 2025



Motor Control Panels at New Aeration Basins

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In Memory of Thomas R. Handley
March 17, 1952 – May 16, 2024



Director Handley served the customers of Union Sanitary District for 24 years with distinction and dedication. As a USD Director, Tom modeled being a good fiscal steward with ratepayers' interests in mind. He prioritized USD's delivery of services in a cost-effective manner while ensuring the District met all environmental regulations and focused on maintenance of USD's infrastructure as key to protecting the environment while being fiscally conservative. Tom recognized the need to balance business interests while meeting environmental standards, encouraging collaboration with business customers to develop mutually agreeable and cost-effective guidelines and timeframes.

During Tom's tenure, he provided guidance and direction through major District initiatives and upgrades to USD's Union City treatment plant. The latest program benefiting from his support is the District's Enhanced Treatment and Site Upgrade Program (ETSU), the largest capital improvement program in USD's 106-year history. Tom's many years of leadership have been integral to important programs that will serve the District's customers now and for decades to come. His leadership and steady guidance will be greatly missed.

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Board of Directors



Jennifer Toy

Vacant Position
Ward 3



Pat Kite



Manny Fernandez



Anjali Lathi



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer

SUBJECT: Fiscal Year 2024/2025 Proposed Operating and CIP Budget

Union Sanitary District (USD) staff is pleased to present the proposed annual budget for Fiscal Year (FY) 2025 to the Board of Directors. This budget, covering the period from July 1, 2024 through June 30, 2025, was developed based on direction provided by the Board of Directors.

District Highlights

The District continues to focus on the operation and maintenance of its infrastructure and assets, capital project construction, planning, and effective use of technology. The District reports the following notable items that will be part of the budget for FY 2025:

Enhanced Treatment & Site Upgrade Program – The District embarked on the ETSU Phase 1 Group of Projects in FY 2023 as part of an overall Program to support the next 20 to 40 years of operation. The key drivers for ETSU Phase 1 projects include addressing aging infrastructure, improving water quality in the San Francisco Bay through nutrient removal upgrades, and hardening of infrastructure to support resiliency efforts to manage wet weather events and continuing to provide USD’s critical services without interruption. These include improvements to the aeration basins and relocation of operations, maintenance, and administrative facilities. Construction of the first group of the phase 1 projects is underway and are approximately 55% complete. Design of Phases 1B and 1C are ongoing with the Phase 1B bid set expected to be completed by mid FY 2025. It is currently anticipated that construction will continue through 2030 for the various phases.

Project Financing – As part of the ETSU Phase 1 program mentioned above, the District was able to secure \$249 million in low cost EPA Water Infrastructure Finance and Innovation Act (WIFIA) financing in December of 2021. These funds will account for 49% of the total project costs. In addition to the WIFIA financing, the District issued the 2021A bonds for \$110 million in October of 2021 and secured \$100 million in state SRF funding. During FY 2025 the District anticipates issuing

\$150 million in interim notes to fund construction through 2028 when the WIFIA funds will be available to retire existing debt and/or pay for project costs.

Standby Power Project – The District began the Standby Power project in FY 2023. The Standby Power Generation System Upgrade Project will replace the current emergency power system at the Alvarado Wastewater Treatment Plant. The new equipment will include three emergency power generators and space for one future generator, generator controls, electrical switchgear, above ground diesel fuel storage tank, and other support equipment. This project is expected to be complete in FY 2026 and is contingent upon the delivery and installation of switchgear SE.

Stewardship and Service - The District continued its record of outstanding stewardship and service. Once again, USD received the Platinum Award, for the 15th consecutive year, from the National Association of Clean Water Agencies for Peak Performance for operating without exceeding the limits or conditions of the District’s permit. This is a tribute to the outstanding work by District Operations and Maintenance teams. The District continues to average less than one spill per hundred miles of pipeline per year, ranking the District among the best in the State, while doing so in a very cost-effective manner.

Financial State of the District

The District continues to exercise fiscal prudence when considering how to best manage increasing expenses with the least impact possible on the rate payers. A complex financial model is utilized to run a multitude of “what if” scenarios. Scenario-based modeling allows the District to analyze different financing plan scenarios to assist the District in making sound financial decisions on future operating and infrastructure needs and the long-term sustainability of prospective policies and programs. It is because of this cautionary approach that the District has continued to keep its rates as low as possible and remain financially stable.

Revenue - Sewer Service Charges (SSC) are expected to increase by \$8.1 million in FY 2025 to \$92.3 million and interest earnings are budgeted to increase \$6.5 million to \$11.0 million.

Expenditures - Total District expenditures for the coming fiscal year are projected to increase by \$2.3 million or 1.4%. Operating expenses are anticipated to increase by \$3.6 million or 6.5%. Within the operating category, salaries and benefits are expected to increase \$2.4 million or 6.8%. The salary and benefit increases are primarily due to the addition of three new positions. The District has added a limited duration mechanic to assist with additional EBDA duties assumed by the District and two limited duration engineers for the ETSU project.

For FY 2025 the District is seeing increases in chemicals, insurance costs, utilities, bio-solids disposal, and District wide parts and materials (e.g. utilities are up 11.0% and chemicals are up 8.1%). The District continues to find ways to reduce costs through planning partnerships and strict fiscal prudence.

The Capital Improvement Program is budgeted to increase \$1.1 million or 1.3% over FY 2024. Capital project spending will continue to focus on rehabilitation and replacement of key elements of the wastewater treatment plant, transport, and collections system. The 10- and 20-year CIP budgets are

currently projected at \$787 million and \$1.7 billion respectively. Although this is the third consecutive year of increased capital spending, it is not unexpected and has been planned for and programmed into the financial model and rate structure.

In keeping with the District's continued efforts toward prudent fiscal planning, the creation of a 115 Pension Trust was adopted by the Board in FY 2022 with an initial contribution of \$3.0 million. The district contributed \$6.4 million in FY 2024 and has budgeted for a \$3 million transfer in FY 2025.

Special Projects Fund expenditures will decrease by \$1.4 million from FY 2024, of which \$1.5 million of this decrease is due to savings related to election costs. Some of the more significant special projects are the continued set aside of \$1.5 million for property acquisitions to accommodate opportunities as they become available, \$100,000 for the Alvarado Basin study, \$125,000 for a new COSA study, \$200,000 for the Newark Basin study, \$250,000 for the Alameda Creek ROWD, \$100,000 for continued security upgrades at District facilities, and \$300,000 for the Solids Systems Evaluation.

Balanced Budget, Reserves and Rates

USD has long operated with a balanced budget and FY 2025 is no exception. District reserves continue to be stable. Although funds will be utilized from both the Sewer Service Fund and Capacity Fund reserves in FY 2025, these are planned capital activities and are part of the long-term capital utilization strategy of the District.

Conclusion

Given the past fiscal stewardship practiced by the District's Board and staff, the District is well poised to take on the adopted 20 year capital plan that will continue to make Union Sanitary District a leader in wastewater management.

I would like to express my appreciation to all the employees of the District whose hard work is not taken for granted and whose dedication is reflected in the daily delivery of services to the District's customers. The District is firmly committed to meeting every challenge brought forth through innovative and creative problem-solving and embracing continual improvement in all that it does.

Respectfully Submitted,

Paul R. Eldredge, P.E.
General Manager, District Engineer
Union Sanitary District

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FINANCIAL SECTION



ETSU East Aeration Basin Construction

Budget Summary – All Funds

	Actual * FY 21/22	Actual * FY 22/23	Budget FY 23/24	Projected FY 23/24	Proposed Budget FY 24/25	Variance to 23/24 Budget	% Change
Revenues							
Sewer Service Charge	\$ 73,822,317	\$ 77,986,322	\$ 84,200,000	\$ 84,394,090	\$ 92,286,104	\$ 8,086,104	9.6%
Capacity Fees	11,145,152	7,371,192	8,420,000	3,057,500	3,925,000	(4,495,000)	-53.4%
Work Group Revenues	1,307,546	1,372,027	1,353,500	1,380,280	1,519,300	165,800	12.2%
Interest	1,520,644	7,562,316	4,530,000	8,826,353	11,020,000	6,490,000	143.3%
Other Revenues	1,607,370	654,626	11,276	15,168	15,600	4,324	38.3%
Net Loan Proceeds	110,317,768	-	-	-	-	-	-
SRF Funds Draw Down (Standby Power)	-	-	12,296,700	22,034,344	2,000,000	(10,296,700)	-83.7%
4 Year Interim Notes 2024A	-	-	-	-	150,000,000	150,000,000	-
Total Revenues	199,720,798	94,946,483	110,811,476	119,707,735	260,766,004	149,954,528	135.3%

Expenditures by Type							
Operating	45,075,325	48,444,658	55,370,877	54,955,492	58,981,622	3,610,745	6.5%
Internal Service (1)	5,113,529	2,478,981	9,662,100	9,500,410	6,839,985	(2,822,115)	-29.2%
Debt Service	7,231,990	8,981,016	9,134,080	9,067,180	10,985,380	1,851,300	20.3%
Special Projects	1,002,174	855,302	4,154,384	839,422	2,776,000	(1,378,384)	-33.2%
Capital Projects	26,561,708	66,901,712	84,554,100	87,395,937	85,619,700	1,065,600	1.3%
Total Expenditures	84,984,726	127,661,669	162,875,541	161,758,441	165,202,687	2,327,146	1.4%

Revenues Over (under) Expenditures	\$ 114,736,071	\$ (32,715,186)	\$ (52,064,065)	\$ (42,050,706)	\$ 95,563,317	\$ 147,627,382	-283.5%
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EXPENDITURE RESPONSIBILITY BY OPERATING GROUP							
Board of Directors	\$ 146,070	\$ 148,604	\$ 229,861	\$ 171,061	\$ 217,968	\$ (11,893)	-5.2%
General Manager	1,044,864	1,225,996	1,336,767	1,294,472	1,420,662	83,895	6.3%
Business Services (2)	17,268,385	15,107,232	22,557,717	22,292,365	21,360,408	(1,197,309)	-5.3%
Collection Services (3)	7,528,445	8,580,271	8,931,936	8,835,136	10,128,753	1,196,817	13.4%
Technical Services	6,578,316	6,805,880	7,724,288	7,850,523	7,888,964	164,676	2.1%
Treatment & Disposal Services	15,123,376	16,909,775	21,468,508	21,240,979	23,031,093	1,562,585	7.3%
Fabrication, Maint & Construction (4)	9,731,388	11,126,897	11,917,980	11,838,546	12,759,139	841,159	7.1%
Capital Projects (5)	26,561,708	66,901,712	84,554,100	87,395,937	85,619,700	1,065,600	1.3%
Special Projects (5)	1,002,174	855,302	4,154,384	839,422	2,776,000	(1,378,384)	-33.2%
Total by Operating Group	\$ 84,984,726	\$ 127,661,669	\$ 162,875,541	\$ 161,758,441	\$ 165,202,687	\$ 2,327,146	1.4%

* Actual numbers based on modified accrual basis to reflect budget accounting.

(1) Includes funds 40, 45, 50, 60, and 70.

(2) Includes the following funds: 40 - Other Post Employment Benefits, 45 - 115 Pension Trust, and debt payments

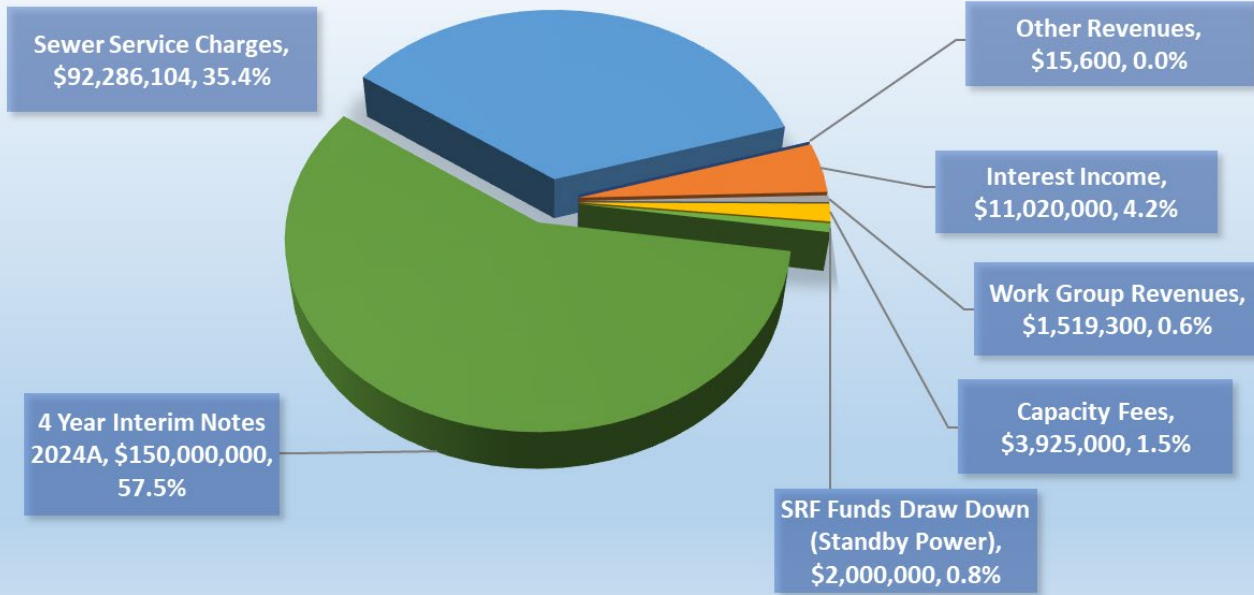
(3) Includes the following funds: 50 - Vehicle & Equipment Replacement.

(4) Includes the following funds: 60 - Information Systems, 70 - Plant and Pump Station.

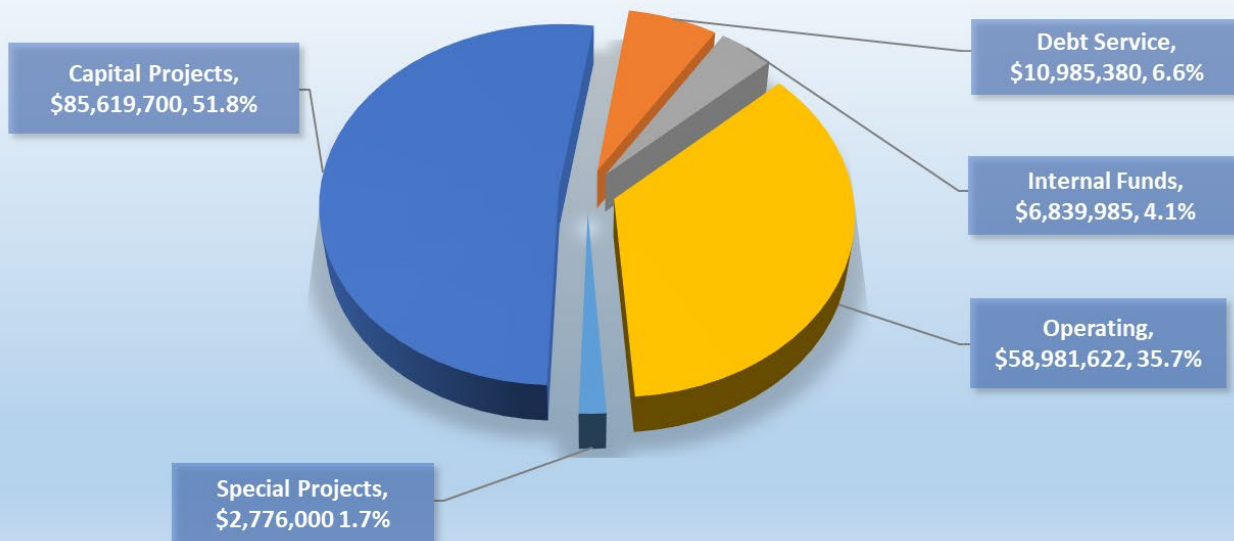
(5) Capital Projects and Special Projects are managed by multiple departments on a collaborative basis.

District Wide Revenue & Expenditures

Total Revenues \$260,766,004



Total Expenditures \$165,202,687



Combined Budget by Fund Sewer Service & Capacity Funds

	Sewer Service Fund	Capacity Fund	Total
Revenues			
Sewer Service Charge	\$ 92,286,104	\$ -	\$ 92,286,104
Capacity Fees	-	3,925,000	3,925,000
Work Group Revenues	1,519,300	-	1,519,300
Interest	7,160,000	3,860,000	11,020,000
Other Revenues	15,600	-	15,600
SRF Funds Draw Down (Standby Power)	2,000,000	-	2,000,000
4 Year Interim Notes 2024A	150,000,000	-	150,000,000
Total Revenues	252,981,004	7,785,000	260,766,004

Expenditures			
Operating	58,981,622	-	58,981,622
Internal Funds (1)	6,839,985	-	6,839,985
Debt Service	7,324,964	3,660,416	10,985,380
Special Projects	2,776,000	-	2,776,000
Capital Projects	64,769,400	20,850,300	85,619,700
Total Expenditures	140,691,971	24,510,716	165,202,687

Revenues Over (less than) Expenditures	\$ 112,289,033	\$ (16,725,716)	\$ 95,563,317
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EXPENDITURE RESPONSIBILITY BY OPERATING GROUP			
Board of Directors	\$ 217,968	\$ -	\$ 217,968
General Manager	1,420,662	-	1,420,662
Business Services (2)	17,699,992	3,660,416	21,360,408
Collection Services (3)	10,128,753	-	10,128,753
Technical Services	7,888,964	-	7,888,964
Treatment & Disposal Services	23,031,093	-	23,031,093
Fabrication, Maint & Construction (4)	12,759,139	-	12,759,139
Capital Projects (5)	64,769,400	20,850,300	85,619,700
Special Projects (5)	2,776,000	-	2,776,000
Total by Operating Group	\$ 140,691,971	\$ 24,510,716	\$ 165,202,687

(1) Includes funds 40, 45, 50, 60, and 70.

(2) Includes the following funds: 40 - Other Post Employment Benefits, 45 - 115 Pension Trust, and debt payments

(3) Includes the following funds: 50 - Vehicle & Equipment Replacement.

(4) Includes the following funds: 60 - Information Systems, 70 - Plant and Pump Station.

(5) Capital Projects and Special Projects are managed by multiple departments on a collaborative basis.

REVENUES

	Actual * FY 21/22	Actual * FY 22/23	Budget FY 23/24	Projected FY 23/24	Proposed Budget FY 24/25	Variance to 23/24 Budget	% Change
Revenues							
Sewer Service Charge	\$ 73,822,317	\$ 77,986,322	\$ 84,200,000	\$ 84,394,090	\$ 92,286,104	\$ 8,086,104	9.6%
Capacity Fees	11,145,152	7,371,192	8,420,000	3,057,500	3,925,000	(4,495,000)	-53.4%
Work Group Revenues	1,307,546	1,372,027	1,353,500	1,380,280	1,519,300	165,800	12.2%
Interest	1,520,644	7,562,316	4,530,000	8,826,353	11,020,000	6,490,000	143.3%
Other Revenues	1,607,370	654,626	11,276	15,168	15,600	4,324	38.3%
Net Loan Proceeds	110,317,768	-	-	-	-	-	-
SRF Funds Draw Down (Standby Power)	-	-	12,296,700	22,034,344	2,000,000	(10,296,700)	-83.7%
4 Year Interim Notes 2024A	-	-	-	-	150,000,000	150,000,000	-
Total Revenues	\$ 199,720,798	\$ 94,946,483	\$ 110,811,476	\$ 119,707,735	\$ 260,766,004	\$ 149,954,528	135.3%

* Actual numbers based on modified accrual basis to reflect budget accounting.

Sewer Service Charges - The principal revenue source for the Sewer Service Fund is the annual Sewer Service Charges (SSC), which are projected to increase over the prior year budget by \$8,086,104. Single Family Dwelling (SFD) rates will increase from \$569.97 in FY 2024 to \$611.58 in FY 2025. Similarly, the annual Multi-family Dwelling rate will increase from \$502.28 in FY 2024 to \$538.95 in FY 2025. Residential rates account for approximately 73% of total sewer service charge revenues. For non-residential customers, rates are calculated annually using flow based on water usage and sewage strength.

The District collects 97% of the sewer service charge revenue on the Teeter plan through the Alameda County property tax bill.

Capacity Fees - The revenue source for the Capacity Fund is Capacity Fees, which are expected to decrease by \$4,495,000 or 53.4% from the prior year's budget. These revenues vary depending on development in the service area. Developers have indicated that current interest rates have impacted the viability of certain projects and as such are pausing certain developments until the economics of the project make good business sense. The capacity fees are collected in accordance with the provisions of California Assembly Bill (AB) 1600 and are intended to mitigate the impacts of new developments. In the case of the District, these fees are collected from new developments as a requirement of connecting to the sewer system. As such, they can only be used for capital projects that preserve or increase the system's capacity.

Work Group Revenues - These revenues consist of field inspection fees, plan check fees, permits, external work orders, and services provided under contract to the City of Fremont's Urban Runoff program. Because these items tend to vary based on external demands, anticipated revenues are typically estimated in a conservative manner. For FY 2025 the total of all of these revenues are expected to increase \$165,800 or 12.2% compared to the prior year's budget.

Interest Revenues – Investment earnings are expected to increase by \$6,490,000 or 143.3% to the prior year’s budget. The majority of this increase is related to expected interest earnings from the issuance of interim notes for the ETSU project.

4 Year Interim Notes - The District anticipates issuing 4-year interim notes to fund the ETSU program until the WIFIA funds are available. The final amount of the issuance may change depending on the final determination of funding needs.

SRF Loan Proceeds – The District expects to draw down \$2,000,000 in previously approved State Revolving Funds (SRF) to pay FY 2025 project expenditures for the Standby Power Generation System project.

EXPENDITURES

ALL FUNDS SUMMARY							
	Actual * FY 21/22	Actual * FY 22/23	Budget FY 23/24	Projected FY 23/24	Proposed Budget FY 24/25	Variance to 23/24 Budget	% Change
Expenditures by Type							
Operating	\$ 45,075,325	\$ 48,444,658	\$ 55,370,877	\$ 54,955,492	\$ 58,981,622	\$ 3,610,745	6.5%
Internal Service (1)	5,113,529	2,478,981	9,662,100	9,500,410	6,839,985	(2,822,115)	-29.2%
Debt Service	7,231,990	8,981,016	9,134,080	9,067,180	10,985,380	1,851,300	20.3%
Special Projects	1,002,174	855,302	4,154,384	839,422	2,776,000	(1,378,384)	-33.2%
Capital Projects	26,561,708	66,901,712	84,554,100	87,395,937	85,619,700	1,065,600	1.3%
Total Expenditures	84,984,726	127,661,669	162,875,541	161,758,441	165,202,687	2,327,146	1.4%
EXPENDITURE RESPONSIBILITY BY OPERATING GROUP							
Board of Directors	\$ 146,070	\$ 148,604	\$ 229,861	\$ 171,061	\$ 217,968	\$ (11,893)	-5.2%
General Manager	1,044,864	1,225,996	1,336,767	1,294,472	1,420,662	83,895	6.3%
Business Services (2)	17,268,385	15,107,232	22,557,717	22,292,365	21,360,408	(1,197,309)	-5.3%
Collection Services (3)	7,528,445	8,580,271	8,931,936	8,835,136	10,128,753	1,196,817	13.4%
Technical Services	6,578,316	6,805,880	7,724,288	7,850,523	7,888,964	164,676	2.1%
Treatment & Disposal Services	15,123,376	16,909,775	21,468,508	21,240,979	23,031,093	1,562,585	7.3%
Fabrication, Maint & Construction (4)	9,731,388	11,126,897	11,917,980	11,838,546	12,759,139	841,159	7.1%
Capital Projects (5)	26,561,708	66,901,712	84,554,100	87,395,937	85,619,700	1,065,600	1.3%
Special Projects (5)	1,002,174	855,302	4,154,384	839,422	2,776,000	(1,378,384)	-33.2%
Total by Operating Group	\$ 84,984,726	\$ 127,661,669	\$ 162,875,541	\$ 161,758,441	\$ 165,202,687	\$ 2,327,146	1.4%

* Actual numbers based on modified accrual basis to reflect budget accounting.

(1) Includes funds 40, 45, 50, 60, and 70.

(2) Includes the following funds: 40 - Other Post Employment Benefits, 45 - 115 Pension Trust, and debt payments

(3) Includes the following funds: 50 - Vehicle & Equipment Replacement.

(4) Includes the following funds: 60 - Information Systems, 70 - Plant and Pump Station.

(5) Capital Projects and Special Projects are managed by multiple departments on a collaborative basis.

Overall, District expenditures are expected to increase by \$2,327,146 or 1.4%. The following pages discuss the significant change in expenditures for FY 2025.

Operating Expenses

	Actual FY 21/22	Actual FY 22/23	Budget FY 23/24	Projected FY 23/24	Proposed Budget FY 24/25	Variance to 23/24 Budget	% Change
Salaries & Benefits							
Salaries	\$20,218,245	\$20,894,374	\$21,583,146	\$21,640,789	\$22,790,646	\$ 1,207,500	5.6%
Pension	6,290,913	6,817,718	7,750,977	7,775,720	9,009,952	1,258,975	16.2%
Health Care Benefits	3,157,951	3,308,464	4,231,292	4,250,375	3,994,032	(237,260)	-5.6%
Workers Compensation	361,129	403,731	427,008	427,272	523,200	96,192	22.5%
Training	99,358	187,496	371,250	301,945	411,760	40,510	10.9%
Other	514,046	556,262	680,521	628,290	712,204	31,683	4.7%
Subtotal Salaries and Benefits	30,641,642	32,168,045	35,044,194	35,024,391	37,441,794	2,397,600	6.8%
Utilities	2,504,057	2,820,774	3,360,200	3,416,252	3,728,726	368,526	11.0%
Biosolids	1,248,141	1,436,161	1,588,000	1,586,000	1,600,000	12,000	0.8%
Supplies	2,177,299	2,669,850	2,398,540	2,398,152	2,631,135	232,595	9.7%
Chemicals	2,715,699	3,816,517	6,176,712	5,915,712	6,676,744	500,032	8.1%
Repair & Maintenance	3,553,463	3,795,048	4,279,871	4,076,569	4,199,192	(80,679)	-1.9%
Other	2,235,024	1,738,263	2,523,360	2,538,417	2,704,031	180,671	7.2%
Subtotal Other Operating	14,433,683	16,276,612	20,326,683	19,931,101	21,539,828	1,213,145	6.0%
Total Operating Expenditures	\$45,075,325	\$48,444,658	\$55,370,877	\$54,955,492	\$58,981,622	\$ 3,610,745	6.5%

Salaries and Benefits

District wide, personnel expenses are budgeted to increase \$2,397,600 or 6.8% over the prior year budget. The major items are discussed below:

- Salaries are budgeted to increase \$1,207,500 or 5.6%. The increase results from prior year wage agreements, classified scheduled step increases, and the addition of 3 positions. The District has added a limited duration mechanic to assist with additional EBDA duties assumed by the District and two limited duration engineers for the ETSU program.
- Pension expenses are budgeted to increase of \$1,258,975 or 16.2% to the prior year budget based upon rates provided by CalPERS. The District prepays the annual Unfunded Actuarial Liability payment in July of each year, rather than paying in 12 monthly installments, generating an annual cost savings of \$178,000.
- Health Care Benefit costs will decrease by \$237,260 or 5.6% over the prior year. For FY 2025, the District has reassessed how it calculates and budgets its health insurance on a per employee basis which more closely aligns with the actual costs.
- Workers' Compensation costs will increase \$96,192 or 22.5%. The District's experience modification (x-mod) factor increased from .78 to .89.
- Training will increase by \$40,510 or 10.9% which is largely due to the continuing impact of employees returning to offsite training with the end Covid-19 restrictions.

- Other salary and benefits costs will increase by \$31,683 or 4.7% to the prior year budget. Other salary and benefit costs consist of Medicare and unemployment taxes, membership fees and certain safety program expenditures.

Other Operating Expenditures

Other Operating expenses are budgeted, in total, to increase \$1,213,145 to the prior year budget. The major items are discussed below:

- Utilities are increasing \$368,526 or 11.0%. This reflects the across the board rate impacts being seen in utilities nationwide.
- Biosolids disposal remains relatively flat compared to the prior year with an increase of \$12,000 or 0.8%.
- Supplies are increasing \$232,595 or 9.7%. Costs of supplies and operating parts have been impacted by recent inflationary pressures, resulting in increases in most categories across the District.
- Chemicals are budgeted to increase \$500,032 or 8.1%. The main increases are for Sodium Hypochlorite and Ferrous Chloride. These chemicals are critical to the effective and reliable treatment of wastewater.
- Repair and Maintenance costs are decreasing by \$80,679 or 1.9% compared to FY 2024. This account varies year over year depending on the anticipated need of plant and equipment maintenance.
- Other expenditures, which consists of rents, professional fees, permits, insurance costs and small asset purchases are budgeted to increase \$180,671 or 7.2%.

INTERNAL FUNDS

Fund Description	Actual FY 21/22	Actual FY 22/23	Budget FY 23/24	Projected FY 23/24	Proposed Budget FY 24/25	Variance to 23/24 Budget	% Change
Other Post Employment Benefits - Fund 40	\$ 1,430,142	\$ 1,451,569	\$1,475,000	\$1,475,000	\$ 1,481,000	\$ 6,000	0.4%
115 Pension Trust - Fund 45	3,000,000	-	6,400,000	6,400,000	3,000,000	(3,400,000)	-53.1%
Vehicles & Equip Replacement - Fund 50	-	176,662	187,300	105,605	958,985	771,685	412.0%
Information Systems Replacement - Fund 60	356,115	542,449	1,199,800	1,119,805	1,000,000	(199,800)	-16.7%
Plant and Pump Station Replacement - Fund 70	327,272	308,301	400,000	400,000	400,000	-	0.0%
Total	\$ 5,113,529	\$ 2,478,981	\$9,662,100	\$9,500,410	\$6,839,985	\$ (2,822,115)	-29.2%

The following two pages discuss the changes to internal funds shown above.

Other Post Employment Benefits (OPEB) and Pension 115 Expenditures	
115 Pension Trust Contribution	\$ 3,000,000
115 OPEB Retiree Medical Trust Contribution	900,000
Retiree Reimbursement	581,000
Total	\$ 4,481,000

OPEB expenditures for the District are increasing \$6,000 or 0.4% compared to the prior year. The total expenditure consists of two parts. The first is \$581,000 towards the District’s annual ongoing normal costs. The second is a planned \$900,000 contribution to the District’s 115 OPEB Trust. In 2021 the District adopted Pension and OPEB Policy 2095, which in part sets a goal of maintaining the funding percentage of the plan between 90% and 100%. These additional funds will work toward achieving that policy goal.

Fund 45, (115 Pension Trust), was established in FY 2022 to facilitate the policy discussed in the paragraph above. Similar to OPEB, the long-term goal is to increase the percent funded of the District pension plan. Annually, the Board determines an amount to contribute into a qualified 115 Trust. This Trust accumulates funds, along with the related investment income, to be used for paying future qualified pension expenses. The goal of the 115 Trust is to pay off the District’s unfunded liabilities within 9 years of FY 2025. Total contributions to the trust through the end of FY 2024 were \$9.4 million.

Renewal & Replacement - Vehicles and Equipment	
Vehicles	
Vactor Truck	\$ 723,585
Telehandler	85,000
Electric Truck	82,400
(2) Plant Carts	68,000
Equipment	
No Equipment in FY25	-
Total	\$ 958,985

For FY 2025 the District is planning on purchasing one pick-up truck for \$82,400. This truck was originally budgeted in FY 2024; however, the purchase was pushed off to FY 2025. This budget also includes \$68,000 for two utility carts, \$85,000 for a telehandler, and \$723,585 for a Vactor truck. The Vactor purchase will replace a piece of equipment that is 20 years old and has reached the end of its useable life.

Renewal & Replacement - Information Systems	
Project/System	Amount
Small Equipment (Hardware, switches, routers, computers)	\$ 476,000
New Assets (Copiers, enterprise routers, security access system)	199,000
GIS Improvements	91,000
Enterprise Resource Planning Replacement Consultant	50,000
National Institute of Standards and Technology Projects	50,000
Permit Tracking System Replacement	34,000
Electronic Content Mgmt/Electronic Records Mgmt Upgrade/Replacement	30,000
Plan Mark-Up In Field	25,000
VMware Alternatives Study	25,000
Control Logging	20,000
Total	\$ 1,000,000

The schedule above details the budgeted expenditures for Information Systems. This list changes from year to year depending on the projects and equipment needs of the District.

Renewal & Replacement - Plant and Pump Station	
New Assets (Heat recovery boiler, Cogen 1 decoupling, PLC EN2TR EtherNet/IP communication module, sludge feed pump variable frequency drive (VFD), and building gas sensors)	\$ 308,500
VFD Replacement	75,000
Unplanned Maintenance	16,500
Total	\$ 400,000

The schedule above details the budgeted expenditures for the Plant and Pump Stations. These expenditures are determined based on plant wide assessments conducted each year.

Debt	Status	FY Issued	Maturity	Payments FY Start	FY 24/25 Principal & Interest		
					Payment Fund 80	Payment Fund 90	Total Payment
2020A Revenue Bonds	Issued	19/20	2050	19/20	\$ 1,561,760	\$ 2,070,606	\$ 3,632,366
2021A Revenue Bonds	Issued	21/22	2051	21/22	2,938,204	1,582,110	4,520,314
4 Year Interim Notes 2024A*	Anticipated	24/25	2028	24/25	2,832,700	-	2,832,700
					\$ 7,332,664	\$ 3,652,716	\$ 10,985,380

* Estimated interest payment

2020A Revenue Bonds – The District issued the 2020A revenue bonds in the amount of \$74 million dollars at an average interest rate of 2.30%. The issuance refinanced \$37 million dollars in previously issued higher interest rate debt, provided \$37 million dollars for capital construction projects, and saved the District’s ratepayers \$2.2 million dollars in future interest costs.

2021A Revenue Bonds – The District issued the 2021A revenue bonds in the amount of \$110 million dollars at an average interest rate of 2.02% to fund a portion of the ETSU project.

2024A Interim Notes –The District anticipates issuing 4-year interim notes to fund the ETSU program until the WIFIA funds are available. The final amount of the issuance may change depending on the final determination of funding needs.

Water Infrastructure Finance and Innovation Act (WIFIA) Loan – In the fall of 2021 the District received a \$249 million dollar WIFIA loan to fund a portion of the ETSU program. The District will have access to these funds in early 2028, at which time the funds may be drawn to repay interim notes or to fund project costs. Repayment of the loan is expected to begin roughly one year after project completion.

State Revolving Fund (SRF) Loan – During FY 2022 the District was approved for an SRF loan in the amount of \$33.5 million to fund the Standby Power Generation System Upgrade Project. Construction began in FY 2022 and is expected to be completed in FY 2026 with the loan repayment beginning upon completion.

State Revolving Fund (SRF) Loan – During FY 2024 the District was approved for an SRF loan in the amount of \$100 million to fund a portion of the ETSU program. Funds are expected to be drawn starting in FY 2026. Loan payments will commence after the completion of the project.

SPECIAL PROJECT EXPENDITURES

DESCRIPTION	Proposed Budget FY24	Estimated Actual FY24	Estimated Carryover	New \$ (Provision)	Proposed Budget FY25
<i>Administrative & Regulatory</i>					
Anticipated Election Costs (181,798 Reg Voters at \$8 Per Voter)	\$ 1,454,384	\$ -	\$ -	\$ -	\$ -
Property Acquisition	1,500,000	48,500	1,451,500	48,500	1,500,000
<i>Subtotal Administrative & Regulatory</i>	\$ 2,954,384	\$ 48,500	\$ 1,451,500	\$ 48,500	\$ 1,500,000
<i>Studies & Other</i>					
Alvarado Basin Capacity and Condition Assessment	\$ 365,000	\$ 300,722	\$ 64,278	\$ 35,722	\$ 100,000
Alvarado Sub-Surface Investigation (Groundwater Monitoring)	10,000	11,536	-	11,000	11,000
Co-Digestion Feasibility Study	125,000	124,820	180	24,820	25,000
Cogen Replacement and Ventilation Study	-	2,200	-	-	-
Control Box No. 1 Grit Removal Evaluation	150,000	6,469	-	-	-
Cost of Service Analysis (COSA) Rate Study	-	-	-	125,000	125,000
Digester 8 Feasibility Study	-	4,826	-	-	-
Digester Efficiency Evaluation (Heat Loop and Gas Lance)	300,000	197,784	-	-	-
Energy Resiliency Study	-	3,240	-	-	-
Forcemain Condition Assessment	50,000	37,955	12,045	27,955	40,000
Newark Basin Capacity and Condition Assessment	-	-	-	75,000	75,000
Newark Basin Emergency Storage Evaluation	-	-	-	200,000	200,000
Old Alameda Creek ROWD	-	-	-	250,000	250,000
Plant Site Security Improvements	100,000	100,000	-	100,000	100,000
Project Cost Estimate Evaluation	100,000	-	50,000	-	50,000
Pump Station Asset Condition Assessment	-	1,370	-	-	-
Solids System Evaluation	-	-	-	300,000	300,000
<i>Subtotal Studies & Other</i>	\$ 1,200,000	\$ 790,922	\$ 126,503	\$ 1,149,497	\$ 1,276,000
Total Special Projects	\$ 4,154,384	\$ 839,422	\$ 1,578,003	\$ 1,197,997	\$ 2,776,000

The special projects fund accounts for expenditures that are outside the year over year operating costs of the District and also do not meet the definition of a capital project. Many of the items are assessments of plant and system conditions or feasibility studies for future capital projects. A discussion of some of the major items follows:

Property Acquisition - Each year the District sets aside funds for property acquisition should one or more properties of interest become available. The primary purpose of property acquisition is for future plant or pump station expansion.

Cost of Service Analysis (COSA) – Approximately every 5 years, the District performs a Cost of Service Analysis to determine rates for the upcoming 5 year period. The last study was completed in 2020 and provided the basis for rates through FY 2025.

Newark Basin Emergency Storage Evaluation – This special project will evaluate the feasibility of utilizing the ponds adjacent to the Old Newark Plant site as emergency storage for the Newark Basin.

Old Alameda Creek ROWD – This special project will provide assistance to District staff during the permit renewal process for the National Pollution Discharge Elimination System (NPDES) Permit for the wet weather discharge into Old Alameda Creek.

Solids System Evaluation - This special project will review the scopes for currently budgeted CIP projects and combine the outcomes of various recent studies to develop a synergistic plan for the plant's solids system. The scope will include the development of process optimization strategies, evaluation of alternative technologies, and will consider the impacts of future regulations.

Plant Site Security Improvements – This project is part of an ongoing effort to enhance plant site security.

**Annual Contract Purchases of Supplies, Services and Projects Renewal/Replacement
Over \$100,000
for Fiscal Year 24/25**

	<i>Estimated Expenditure</i>
Supplies:	
Sodium Hypochlorite, 1-year contract	\$ 3,100,000
Polymer, Emulsion, 2-Year Contract with 3 Optional 1-year renewals	965,000
Ferrous Chloride, 1-year contract	960,000
Hydrogen Peroxide, 1-Year	775,000
Polymer, Mannich, 2-Year Contract with 3 Optional 1-Year Renewals	260,000
Industrial Scientific Portable and Personal Gas Detectors	150,000
Draeger Building Mounted Gas Detectors	120,000
Sodium Hydroxide, 1-year contract	100,000
Total Supplies	\$ 6,430,000
Services:	
CalPERS Retirement	\$ 8,929,952
Series 2021A - Annual Debt Service on Bonds	4,520,314
CalPERS Medical	3,994,032
Series 2020A - Annual Debt Service on Bonds	3,632,366
PG&E Electric - Alvarado Site (\$2,700,000), Newark P.S. (\$340,614) and Irvington P.S. (\$215,000)	3,255,614
115 Pension Trust Contribution	3,000,000
Interim Notes 2024A – Interest Expense (Anticipated)	2,812,500
EBDA	1,922,000
Biosolids Contract	1,600,000
Insurance (Property & Contents, Fleet, General Liability, Bonding)	997,700
115 OPEB Retiree Medical Trust Contribution	900,000
OPEB Retiree Reimbursement	581,000
Gas Media, 2-Year Contract with 3 Optional 1-Year Renewals	347,744
DGS Natural Gas Service, PG&E Billed Through DGS	205,000
Outside Laboratory Services	178,000
5kV - 12kV - 480 Volt Breaker Maintenance	150,000
Insurance (Retro Workers' Comp- Payment 2 of 2)	114,941
Grit & Screening Disposal	110,000
Security Information and Event Management (SIEM) to Avertium	100,000
Total Services	\$37,351,163

FUND BALANCE



New ETSU Campus Building Project

Reserve/Allocation Balances	
Operating Cash Flow	\$ 29,490,811
Structural Renewal & Replacement	57,062,900
Emergency	9,500,000
Short Term Liquidity	5,000,000
Parity Debt	2,887,200
Risk Management	1,000,000
Industrial Customer Stabilization	1,550,000
EBDA Emergency	388,899
Total Restricted/Allocated Balances	\$ 106,879,810

Anticipated reserves balances at 06/30/25 listed above are discussed below:

Operating Cash Flow – Sewer Service Charge revenues are collected by the Alameda County Tax Collector’s Office and remitted to the District in two major installments in December and April of each year. For the District to pay its ongoing expenditures throughout the year, it reserves between three and six months (25-50%) of gross operating expenditures at the start of each fiscal year.

Structural Renewal & Replacement – To maintain the ability to renew and replace infrastructure, this reserve is funded on a forward-looking process that is based on anticipated future capital project expenditures.

Emergency – In order to help mitigate the financial impacts of an emergency or catastrophic event, the District has an Emergency Reserve. Reserves will increase by \$750,000 annually until reaching 25% of the operating budget or approximately \$9 million for FY 2025.

Short Term Liquidity – The District maintains a minimum amount of immediately available funds, to cover the rolling 6-month average monthly payroll, plus a rolling 6-month average of the monthly accounts payable.

Parity Debt Reserve- This fund was recently established to cover debt covenants associated with the Series 2020A bond issuance.

Risk Management - The District is a member of and purchases liability insurance from the California Sanitation Risk Management Association (CSRMA). The deductible of \$500,000 reduces the amount of premiums charged to the District. To account for an event that is either not covered by insurance or under the deductible amount, the District reserves two times the annual deductible amount, which is based on claims history.

Industrial Customer Stabilization - The District has several Significant Industrial Users (SIUs). This reserve allows the District to implement appropriate responses and actions should one or more of these SIUs significantly scale back or cease operations unexpectedly, resulting in a rapid loss of revenue to the District.

EBDA Emergency Reserve – In order to help mitigate the financial impacts of an emergency or catastrophic event, the East Bay Discharge Authority (EBDA), of which the District is a member, has established a policy to set aside \$1,250,000. The policy further stipulates that each member agency will set aside their proportionate share of the reserve in their financial statements. The District's share of the reserve is \$388,899.

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CAPITAL IMPROVEMENT PLAN



ETSU Aeration Basin Project

Capital Improvement Plan

Capital improvements are construction or renovation activities that add value to the District's fixed assets (pipelines, buildings, facilities, and equipment) or significantly extend their useful life. Each year, the District reviews its 20 year Capital Improvement Program (CIP) based on factors such as growth, regulatory requirements, planning documents, and existing asset management needs. The rehabilitation, replacement, improvement, and expansion of the District's facilities continue to be the key drivers for the proposed Fiscal Year 2025 CIP. The District funds an extensive CIP plan that is designed to preserve, maintain, and enhance assets, meet regulatory requirements, accommodate the community's needs, and protect public health and the environment.

In the next 12 to 24 months the District expects to have over forty individual capital projects underway with project total expenditures currently estimated at \$523 million dollars. The following pages provide a description of those projects followed by a breakout summary of the CIP projects for the next five years. The appendix contains a detailed summary of the entire 20 year CIP budget.

The following are some of the major design projects that are currently underway:

- ETSU 1A – Campus Solar Project
- ETSU 1B – Secondary Clarifiers and Effluent Facilities
- Collection Services Building Improvements
- Battery Storage at Alvarado / Cogen No. 3 / Plant 5kV Switchgear / Plant 12kV Switchgear
- Digester 6 Rehabilitation
- Irvington Pump Station Pumps and VFDs
- FY 2024 Gravity Sewer Rehab/Replacement

The following represent some of the significant projects that will be under construction:

- ETSU 1A – Campus Building and Aeration Basins
- ETSU Phase 1B (depending upon a successful bid)
- Alvarado Influent Valve Box Rehabilitation (gate valves)
- Plant Miscellaneous Improvements
- Standby Power Upgrade
- Force Main Corrosion Repairs – Phase 4
- Pump Station Odor Control Improvements
- Switchboard 3 and Motor Control Center 25 Replacement
- FY 2023 Cast Iron/Pipe Lining

The balance of this section of the budget provides a summary of the 20 year CIP budget. Documents include the 20 year forecast summary of CIP projects followed by a brief description of each project. The appendix contains a more detailed CIP project forecast showing projected spending for each of the years in the forecast. The total anticipated CIP expenditures over the next 20 years is \$1,655,460,000.

UNION SANITARY DISTRICT CIP FY 25 to FY 44 - 20 YEAR FORECAST SUMMARY (in millions)

Project Name	% Fund 80	% Fund 90	Rank	Total Project Cost	Spent in Prior Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30 to FY 34	FY 35 to FY 39	FY 40 to FY 44	Total
Admin Facilities														
Battery Storage at Alvarado (ER)	100%	0%	2	\$ 8,313	\$ -	\$ 192	\$ 767	\$ 3,677	\$ 3,677	\$ -	\$ -	\$ -	\$ -	\$ 8,313
Cathodic Protection Improvements	100%	0%	2	3,789	-	-	-	-	320	-	1,096	858	1,515	3,789
Collection Services Bldg. Improvements	100%	0%	1	6,874	216	505	3,813	2,340	-	-	-	-	-	6,658
ETSU - 1A - Campus Building	100%	0%	1	90,526	63,561	26,965	-	-	-	-	-	-	-	26,965
ETSU - 1A - Campus Solar Project (CS)	100%	0%	1	5,000	-	500	1,700	2,800	-	-	-	-	-	5,000
FY 24 Cathodic Protection System Improvements	100%	0%	2	517	30	125	362	-	-	-	-	-	-	487
Plant Paving	100%	0%	3	2,224	-	-	-	-	-	775	414	621	414	2,224
Radio Repeater Antenna Replacement (Mount Allison)	100%	0%	2	150	-	-	-	-	-	150	-	-	-	150
Sea-Level Rise at Alvarado	100%	0%	3	15,719	-	-	-	-	-	-	-	15,719	-	15,719
Sea-Level Rise at Force Mains	100%	0%	3	18,152	-	-	-	-	-	-	-	18,152	-	18,152
Sea-Level Rise at Lift Stations	100%	0%	3	3,694	-	-	-	-	-	-	-	3,694	-	3,694
Sea-Level Rise at Pump Stations	100%	0%	3	7,363	-	-	-	-	-	-	-	7,363	-	7,363
Solar and Batteries at Irvington PS (ER)	100%	0%	2	3,617	-	325	1,609	1,683	-	-	-	-	-	3,617
Solar and Batteries at Lift Stations (ER)	100%	0%	2	163	-	-	19	72	72	-	-	-	-	163
Solar and Batteries at Newark PS (ER)	100%	0%	2	3,075	-	-	355	1,360	1,360	-	-	-	-	3,075
Solar at Primary Clarifiers (ER)	100%	0%	2	1,858	-	-	-	-	-	-	1,036	822	-	1,858
Solar/Batteries/Inverters Replacement at Plant	50%	50%	2	10,670	-	-	106	-	-	-	816	9,478	270	10,670
Solar/Batteries/Inverters Replacement at Lift Stations	50%	50%	2	196	-	-	-	-	-	-	-	196	-	196
Solar/Batteries/Inverters Replacement at Pump Stations	50%	50%	2	3,526	-	-	-	-	-	-	-	3,526	-	3,526
				185,426	63,807	28,612	8,731	11,932	5,429	925	3,362	60,429	2,199	121,619
Collection System														
Cast Iron/Pipe Lining	100%	0%	2	7,576	-	-	-	640	-	683	1,507	2,661	2,085	7,576
Central Avenue Sewer Relocation (Newark Overpass)	100%	0%	1	2,583	-	155	2,428	-	-	-	-	-	-	2,583
FY 23 Cast Iron/Piping Lining	100%	0%	2	600	8	592	-	-	-	-	-	-	-	592
FY 24 Gravity Sewer Rehab/Replacement	100%	0%	2	2,335	105	210	2,020	-	-	-	-	-	-	2,230
Gravity Sewer Rehab/Replacement	100%	0%	2	23,015	-	-	-	194	1,750	208	6,445	5,500	8,918	23,015
RCP Sewer Rehab (Alvarado Basin)	100%	0%	1	4,900	-	200	2,200	2,500	-	-	-	-	-	4,900
RCP Sewer Rehab (Irvington Basin)	100%	0%	1	6,800	-	100	800	900	-	250	4,750	-	-	6,800
RCP Sewer Rehab (Newark Basin)	100%	0%	1	5,000	-	-	-	250	2,200	2,550	-	-	-	5,000
				52,809	113	1,257	7,448	4,484	3,950	3,691	12,702	8,161	11,003	52,696
Transport System														
Alameda Creek Crossing Lift Station	50%	50%	2	21,866	-	-	-	-	-	-	-	1,536	20,330	21,866
Equalization Storage @ Newark	0%	100%	2	34,424	-	-	-	-	-	-	-	34,424	-	34,424
Forcemain Corrosion Repairs - Phase 4	100%	0%	1	2,447	627	1,820	-	-	-	-	-	-	-	1,820
Forcemain Stabilization at Alameda Creek	100%	0%	2	1,845	45	130	670	1,000	-	-	-	-	-	1,800
Forcemain Rehabilitation	100%	0%	3	50,000	-	-	-	-	-	-	-	13,175	36,825	50,000
Irvington PS Pumps and VFDs	50%	50%	1	22,944	-	2,118	5,604	10,148	5,074	-	-	-	-	22,944
Irvington PS Rehabilitation	50%	50%	3	11,792	-	-	-	-	-	-	1,180	10,612	-	11,792
Lift Station Rehabilitation	50%	50%	3	15,844	-	-	-	-	-	-	990	-	14,854	15,844

UNION SANITARY DISTRICT CIP FY 25 to FY 44 - 20 YEAR FORECAST SUMMARY (in millions)

Newark PS/Irvington PS Portable VFD	50%	50%	2	147	101	46	-	-	-	-	-	-	-	46
Newark PS Pumps and VFDs	50%	50%	2	22,284	-	-	-	-	2,228	10,028	10,028	-	-	22,284
Newark PS Rehabilitation	50%	50%	3	10,018	-	-	-	-	-	-	-	10,018	-	10,018
PS Odor Control Improvements	45%	55%	2	8,989	476	3,044	5,469	-	-	-	-	-	-	8,513
Stevenson Blvd. Lift Station	0%	100%	2	3,100	-	100	200	1,350	1,450	-	-	-	-	3,100
Transport System Misc. Projects	100%	0%	3	4,750	-	-	250	250	250	250	1,250	1,250	1,250	4,750
				210,450	1,249	7,258	12,193	12,748	9,002	10,278	13,448	71,015	73,259	209,201
Treatment Plant														
Alvarado Influent Valve Box Gate Valves 1-2	100%	0%	2	1,400	300	1,100	-	-	-	-	-	-	-	1,100
Centrifuge Rebuild and VFD Replacement	100%	0%	2	3,000	-	-	-	1,500	1,500	-	-	-	-	3,000
Centrifuge Replacement	50%	50%	2	49,692	-	-	-	-	-	-	-	36,398	13,294	49,692
Cogen Engine No. 1 60K Block Replacement	50%	50%	1	3,200	-	800	-	-	-	-	1,050	-	1,350	3,200
Cogen Engine No. 2 60K Block Replacement	50%	50%	1	2,200	-	-	-	-	-	-	950	1,250	-	2,200
Cogen Engine No. 3 (ER)	50%	50%	2	15,486	-	356	1,430	6,850	6,850	-	-	-	-	15,486
Cogen Ventilation System Improvements	50%	50%	2	786	-	-	70	358	358	-	-	-	-	786
Cogen Retrofit	50%	50%	2	3,002	-	-	-	-	-	-	3,002	-	-	3,002
Control Box No. 1 Improvements	100%	0%	2	8,809	-	-	-	-	766	5,630	2,413	-	-	8,809
Degritter Building Roof (Seismic) Replacement	100%	0%	2	7,290	-	-	-	-	-	-	-	817	6,473	7,290
Degritting at Headworks and Improvements	50%	50%	2	52,157	-	-	-	-	-	-	-	52,157	-	52,157
Diffuser Replacement	100%	0%	3	2,092	-	-	-	-	-	-	504	1,588	-	2,092
Digester No. 1 Insp & Rehab	100%	0%	2	11,039	-	-	-	459	1,453	2,180	-	3,852	3,095	11,039
Digester No. 2 Insp & Rehab	100%	0%	2	6,303	-	-	-	-	-	-	686	5,617	-	6,303
Digester No. 3 Insp & Rehab	100%	0%	2	5,716	-	-	-	-	-	-	5,716	-	-	5,716
Digester No. 4 Insp & Rehab	100%	0%	2	13,125	-	-	-	547	1,790	2,685	-	5,215	2,888	13,125
Digester No. 5 Insp & Rehab	100%	0%	2	14,979	-	-	-	-	-	678	5,368	-	8,933	14,979
Digester No. 6 Insp & Rehab	100%	0%	1	20,118	378	504	5,592	2,796	-	-	-	10,848	-	19,740
Digester No. 7 Insp & Rehab	100%	0%	3	14,232	-	-	-	-	-	-	1,550	12,682	-	14,232
ETSU - 1A - Aeration Basin Modifications	60%	40%	1	89,758	27,072	27,118	21,118	14,450	-	-	-	-	-	62,686
ETSU - 1A - Aeration Basin No. 8	40%	60%	1	10,746	5,318	5,428	-	-	-	-	-	-	-	5,428
ETSU - 1A - Aeration Internal Lift Pumps	60%	40%	1	3,594	684	2,910	-	-	-	-	-	-	-	2,910
ETSU - 1A - Blower 7-10 Replacement	60%	40%	1	3,322	1,888	1,434	-	-	-	-	-	-	-	1,434
ETSU - 1A - Plant 12kV Switchgear (SWGR-SE)	100%	0%	1	9,329	2,488	2,850	3,991	-	-	-	-	-	-	6,841
ETSU - 1A - Site Drainage Improvements	50%	50%	1	4,738	1,876	2,862	-	-	-	-	-	-	-	2,862
ETSU - 1B - Secondary Clarifiers	60%	40%	1	177,596	4,382	4,300	49,000	57,077	42,837	20,000	-	-	-	173,214
ETSU - 1B - Switchboard 4 Replacement	60%	40%	1	1,990	-	450	1,540	-	-	-	-	-	-	1,990
ETSU - 1B - Effluent Facilities	60%	40%	1	58,238	-	1,400	12,100	22,230	16,508	6,000	-	-	-	58,238
ETSU - 1C - Plant Equalization Storage	25%	75%	1	39,618	-	-	-	1,200	1,800	9,155	27,463	-	-	39,618
ETSU - Phase 2	50%	50%	3	298,360	-	-	-	-	-	-	-	-	298,360	298,360
Flares Replacement	100%	0%	2	8,758	-	-	-	-	-	-	8,758	-	-	8,758
MCC Replacement	100%	0%	2	590	-	-	-	-	-	66	524	-	-	590
Miscellaneous Improvements	100%	0%	2	7,089	4,062	3,027	-	-	-	-	-	-	-	3,027
Odor Scrubber Replacements (HW & West PCs)	100%	0%	2	24,620	-	-	-	-	-	-	24,620	-	-	24,620
Odor Scrubber Replacements (East PCs)	100%	0%	2	13,187	-	100	300	-	255	701	11,831	-	-	13,187
Odor Scrubber System Improvements	100%	0%	2	42,571	-	-	-	-	-	-	4,884	25,631	12,056	42,571

UNION SANITARY DISTRICT CIP FY 25 to FY 44 - 20 YEAR FORECAST SUMMARY (in millions)														
Plant 1 and 2 Water System Improvements	100%	0%	2	1,256	-	-	-	-	115	1,141	-	-	-	1,256
Plant 5kV Switchgear	100%	0%	2	4,790	-	101	418	2,990	1,281	-	-	-	-	4,790
Plant 12kV Switchgear	100%	0%	2	11,573	-	244	1,009	7,224	3,096	-	-	-	-	11,573
Plant Additional Power Source	50%	50%	3	10,330	-	-	-	-	-	-	-	516	9,814	10,330
Plant Asset Condition Assessment R&R	100%	0%	2	91,868	-	-	-	-	979	827	18,865	1,051	70,146	91,868
Plant Mechanical and Electrical Projects	100%	0%	2	9,000	-	-	-	500	500	500	2,500	2,500	2,500	9,000
PLC Replacement	100%	0%	2	1,200	-	-	-	-	-	-	350	400	450	1,200
Primary Clarifier (1 - 4) Seismic Upgrade	75%	25%	2	7,741	-	-	-	-	-	-	7,741	-	-	7,741
Primary Clarifier Rehab (5-6)	100%	0%	2	34,380	-	-	-	-	686	2,828	30,866	-	-	34,380
Secondary Digester No. 1 Insp & Rehab	100%	0%	3	5,403	-	-	-	-	-	-	-	5,403	-	5,403
Secondary Digester No. 2 Insp & Rehab	100%	0%	3	7,145	-	-	-	134	1,245	-	-	5,766	-	7,145
Seismic Retrofit of Conc. Structures	100%	0%	2	3,000	-	-	300	-	300	-	900	600	900	3,000
Standby Power Generation System Upgrade	0%	100%	1	27,754	23,172	1,444	3,138	-	-	-	-	-	-	4,582
Standby Power Generator No. 4	100%	0%	3	29,997	-	-	-	-	-	-	-	-	29,997	29,997
Switchboard 3 and MCC 25 Replacement	100%	0%	2	2,690	267	1,253	1,170	-	-	-	-	-	-	2,423
Thermal Dryer	60%	40%	2	33,425	-	-	-	-	-	-	27,443	5,982	-	33,425
Thickeners 1 and 2 Rehabilitation	100%	0%	2	3,432	-	275	2,210	947	-	-	-	-	-	3,432
Thickeners 3 and 4 Rehabilitation	100%	0%	3	3,708	-	-	-	-	-	-	638	3,070	-	3,708
WAS Thickeners	100%	0%	1	27,744	1,335	50	1,305	7,516	10,022	7,516	-	-	-	26,409
				\$1,345,166	\$ 73,222	\$ 58,006	\$ 104,691	\$ 126,778	\$ 92,341	\$ 59,907	\$ 188,622	\$ 181,342	\$ 460,256	\$ 1,271,944

Total Administrative	\$ 185,426	\$ 63,807	\$ 28,612	\$ 8,731	\$ 11,932	\$ 5,429	\$ 925	\$ 3,362	\$ 60,429	\$ 2,199	\$ 121,619
Total Collection System	52,809	113	1,257	7,448	4,484	3,950	3,691	12,702	8,161	11,003	52,696
Total Transport	210,450	1,249	7,258	12,193	12,748	9,002	10,278	13,448	71,015	73,259	209,201
Total Treatment Plant	1,345,166	73,222	58,006	104,691	126,778	92,341	59,907	188,622	181,342	460,256	1,271,944
Grand Total	\$1,793,851	\$ 138,391	\$ 95,133	\$ 133,063	\$ 155,942	\$ 110,722	\$ 74,801	\$ 218,134	\$ 320,948	\$ 546,717	\$ 1,655,460
Repair & Replacement (Fund 800) Total	\$1,258,745	\$ 97,168	\$ 70,522	\$ 89,609	\$ 107,511	\$ 76,929	\$ 52,521	\$ 175,616	\$ 221,288	\$ 367,581	\$ 1,161,577
Capacity (Fund 900) Totals	535,106	41,224	24,611	43,454	48,431	33,793	22,280	42,518	99,660	179,136	493,883
	\$1,793,851	\$ 138,391	\$ 95,133	\$ 133,063	\$ 155,942	\$ 110,722	\$ 74,801	\$ 218,134	\$ 320,948	\$ 546,717	\$ 1,655,460
Repair & Replacement (Fund 800) Total - 90% to FY 24 Budget			\$ 63,470								
Capacity (Fund 900) Totals - 90% to FY 24 Budget			22,150								
			\$ 85,620								

UNION SANITARY DISTRICT CIP FY 25 to FY 44 - 20 YEAR FORECAST SUMMARY (in millions)

Priority 1 Administrative	\$ 102,400	\$ 63,777	\$ 27,970	\$ 5,513	\$ 5,140	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,623
Priority 1 Collection System	19,283	-	455	5,428	3,650	2,200	2,800	4,750	-	-	19,283
Priority 1 Transport	25,391	627	3,938	5,604	10,148	5,074	-	-	-	-	24,764
Priority 1 Treatment & Disposal	479,945	68,593	51,550	97,784	105,269	71,167	42,671	29,463	12,098	1,350	411,352
Total Priority 1	627,019	132,997	83,913	114,329	124,207	78,441	45,471	34,213	12,098	1,350	494,022
Priority 2 Administrative	35,874	30	642	3,218	6,792	5,429	150	2,948	14,880	1,785	35,844
Priority 2 Collection System	33,526	113	802	2,020	834	1,750	891	7,952	8,161	11,003	33,413
Priority 2 Transport	92,655	622	3,320	6,339	2,350	3,678	10,028	10,028	35,960	20,330	92,033
Priority 2 Treatment & Disposal	493,954	4,629	6,456	6,907	21,375	19,929	17,236	156,467	140,219	120,735	489,325
Total Priority 2	656,008	5,394	11,220	18,484	31,351	30,786	28,305	177,395	199,220	153,853	650,614
Priority 3 Administrative	47,152	-	-	-	-	-	775	414	45,549	414	47,152
Priority 3 Collection System	-	-	-	-	-	-	-	-	-	-	-
Priority 3 Transport	92,404	-	-	250	250	250	250	3,420	35,055	52,929	92,404
Priority 3 Treatment & Disposal	371,267	-	-	-	134	1,245	-	2,692	29,025	338,171	371,267
Total Priority 3	510,823	-	-	250	384	1,495	1,025	6,526	109,629	391,514	510,823
Grand Total	\$1,793,851	\$ 138,391	\$ 95,133	\$ 133,063	\$ 155,942	\$ 110,722	\$ 74,801	\$ 218,134	\$ 320,948	\$ 546,717	\$ 1,655,460

CIP Project Descriptions

Project Name	Description
Battery Storage at Alvarado (ER)	This project is one of the outcomes of the Energy Resiliency Study. Batteries will provide energy storage at the plant and savings on peak demand charges.
Cathodic Protection Improvements	These projects will replace existing cathodic protection systems at the plant, pump stations, and force mains. The purpose of the cathodic protection systems is to prevent the corrosion of buried steel, ductile iron, and cast-iron pipelines, fittings, and other structures. District staff surveys and tests all its cathodic protection systems annually and will hire a consultant to determine if any of the systems need to be replaced. This includes budgets for multiple phases of work.
Collection Services Building Improvements	This project will provide improvements to the existing Collection Services Building to address water intrusion; replace obsolete mechanical, electrical and plumbing systems; upgrade the building to meet current building and seismic codes; and modify the layout to utilize the available space more efficiently.
ETSU - 1A - Campus Building	This project will replace the existing Administration, Operations/Control, and Facilities Maintenance buildings with a single combined Campus Building.
ETSU - 1A - Campus Solar Project (CS)	This project will replace the roof of the existing Covered Vehicle Storage at the plant and install solar panels on top.
FY 2024 Cathodic Protection System Improvements	The FY 2024 Cathodic Protection System Improvements Project is the next project that will replace existing cathodic protection systems at the plant, pump stations, and force mains.
Plant Paving	These projects will repair and/or replace the asphalt pavement at the plant. The scope will be based on the condition of the existing asphalt pavement and in coordination with other construction projects. District staff will hire a consultant to conduct a condition assessment of the existing asphalt pavement every 5 to 10 years to determine the remaining useful life and recommend a repair/replacement schedule.
Radio Repeater Antenna Replacement (Mount Allison)	This project will replace the District's radio repeater antenna located on Mt. Allison in Fremont, CA.
Sea-Level Rise at Alvarado	This project is one of the outcomes of the Sea-Level Rise Vulnerability Assessment and Adaptation Plan Study. The scope will include improvements to the existing levees and construction of a new wall and floodgates at the plant.
Sea-Level Rise at Force Mains	This project is one of the outcomes of the Sea-Level Rise Vulnerability Assessment and Adaptation Plan Study. The scope will include raising access manholes and various improvements at 52 locations along the twin force mains.
Sea-Level Rise at Lift Stations	This project is one of the outcomes of the Sea-Level Rise Vulnerability Assessment and Adaptation Plan Study. The scope will include construction of new walls and floodgates at the Fremont and Paseo Padre lift stations.
Sea-Level Rise at Pump Stations	This project is one of the outcomes of the Sea-Level Rise Vulnerability Assessment and Adaptation Plan Study. The scope will include improvements to the existing levees and construction of new walls and floodgates at the Irvington and Newark pump stations.

Solar and Batteries at Irvington Pump Station (ER)	This project is one of the outcomes of the Energy Resiliency Study. The scope will include the replacement of the existing solar facility at the Irvington Pump Station with a new combined solar and battery system.
Solar and Batteries at Lift Stations (ER)	This project is one of the outcomes of the Energy Resiliency Study. The scope will include installation of solar and battery systems at the lift stations.
Solar and Batteries at Newark Pump Station (ER)	This project is one of the outcomes of the Energy Resiliency Study. The scope will include installation of a combined solar and battery system at the Newark Pump Station.
Solar at Primary Clarifiers (ER)	This project is one of the outcomes of the Energy Resiliency Study. The scope will include installation of solar panels on the roof the primary clarifier buildings at the plant.
Solar/Batteries/Inverters Replacement at Plant	These projects will replace the solar panels, batteries, and/or power inverters for the photovoltaic systems located at the plant. The schedule of replacement is based on a 20-year useful life for solar panels and a 10-year useful life for batteries and power inverters.
Solar/Batteries/Inverters Replacement at Lift Stations	These projects will replace the solar panels, batteries, and/or power inverters for the photovoltaic systems located at the lift stations. The schedule of replacement is based on a 20-year useful life for solar panels and a 10-year useful life for batteries and power inverters.
Solar/Batteries/Inverters Replacement at Pump Stations	These projects will replace the solar panels, batteries, and/or power inverters for the photovoltaic systems located at the pump stations. The schedule of replacement is based on a 20-year useful life for solar panels and a 10-year useful life for batteries and power inverters.
Cast Iron/Pipe Lining	These projects will install cured-in-place pipe (CIPP) liners inside existing cast iron and/or other aged sewer mains to rehabilitate the lines without trenching. District staff review CCTV inspections of sewer mains and identify mains that are candidates for CIPP rehabilitation. This includes budgets for multiple phases of work.
Central Avenue Sanitary Sewer Relocation	This project will relocate an existing sewer main on Central Avenue in the City of Newark to accommodate the City's plans to construct an overpass above the railroad crossing.
FY 2023 Cast Iron/Piping Lining	The FY 2023 Cast Iron/Piping Lining Project is the next project that will install cured-in-place pipe (CIPP) liners inside existing cast iron and/or other aged sewer mains. District staff began designing this project in 2023 and construction is anticipated to begin in early 2025.
FY 2024 Gravity Sewer Rehabilitation/Replacement	The FY 2024 Gravity Sewer Rehabilitation/Replacement Project is the next project that will rehabilitate/replace existing deteriorated and/or under capacity sewer mains by open cut trenching. District staff began designing this project in FY 2024 and construction is anticipated to begin in late 2025.
Gravity Sewer Rehabilitation/Replacement	This project will rehabilitate/replace existing deteriorated and/or under capacity sewer mains by open cut trenching. District staff review CCTV inspections of sewer mains and identify the mains that are candidates for rehabilitation/replacement. This includes budgets for multiple phases of work.
RCP Sewer Rehab (Alvarado Basin)	This project will rehabilitate deteriorated sewer trunk mains located in the Alvarado Basin that are primarily reinforced concrete pipe (RCP) by the CIPP method. The project timing will correspond with the completion of the Alvarado Basin Capacity and Condition Assessment, which is scheduled for early FY 2025.

RCP Sewer Rehab (Irvington Basin)	This project will rehabilitate deteriorated sewer trunk mains located in the Irvington Basin that are primarily reinforced concrete pipe (RCP) by the CIPP method. The project timing will correspond with the completion of the Irvington Basin Capacity and Condition Assessment.
RCP Sewer Rehab (Newark Basin)	This project will rehabilitate deteriorated sewer trunk mains located in the Newark Basin that are primarily reinforced concrete pipe (RCP) by the CIPP method. The project timing will correspond with the completion of the Newark Basin Capacity and Condition Assessment.
Alameda Creek Crossing Lift Station	This project will construct a new lift station south of the Alameda Creek (near Paseo Padre Parkway and Ardenwood Boulevard) to transport wastewater from south to north over the Alameda Creek crossing on Paseo Padre Parkway.
Equalization Storage @ Newark	This project will construct equalization storage at the Newark Pump Station.
Forcemain Corrosion Repairs - Phase 4	This is the fourth and final phase of projects to repair and/or replace corroded steel fittings, pipes, and valves in the manholes along the east forcemain between Irvington Pump Station and Newark Pump Station. Construction is in progress and scheduled to be completed in FY 2025.
Forcemain Stabilization at Alameda Creek	This project will construct improvements to stabilize the soil adjacent to the twin forcemains at the Alameda Creek crossing. The purpose of these improvements is to reduce the likelihood that the forcemains are damaged during significant seismic events in the region. District staff began the preliminary design for this project in FY 2024 and the design is anticipated to continue through 2025.
Forcemain Rehabilitation	This project will rehabilitate the twin forcemains when the reinforced concrete pipes show signs of corrosion and/or deterioration.
Irvington Pump Station Pumps and VFDs	The scope of this project includes the replacement of the wastewater pumps, variable frequency drives, and backup generator at the Irvington Pump Station.
Irvington Pump Station Rehabilitation	The scope of this project includes the replacement of major electrical equipment, fuel and hydropneumatic tank, and pumps/pipes/valves that serve the washdown booster pumps and equalization basin at Irvington Pump Station.
Lift Station Rehabilitation	The scope of this project includes rehabilitation/replacement of assets that are approaching the end of their useful lives within the next 10 years and performing arc flash study of all electrical equipment at Boyce Lift Station, Fremont Lift Station, and Paseo Padre Lift Station.
Newark PS/Irvington PS Portable VFD	This project will purchase a portable VFD that can be used at either Newark Pump Station or Irvington Pump Station if an existing VFD fails. The existing VFDs are obsolete as replacement parts are no longer available from the manufacturer. Procurement of this portable VFD is in progress and with expected delivery in early FY 2025.
Newark PS Pumps and VFDs	The scope of this project includes the replacement of the wastewater pumps, variable frequency drives, and backup generator at the Newark Pump Station.
Newark PS Rehabilitation	The scope of this project includes the replacement of major electrical equipment at the dry well and wet well, fuel tank and valve box rehabilitation at the Newark Pump Station.

Pump Station Odor Control Improvements	This project will replace the existing odor control systems at Newark Pump Station and Irvington Pump Station. The scope will also include the rehabilitation of the chemical containment area and replacing the chemical system pumps/piping at the Irvington Pump Station. Design is in progress and construction is scheduled to begin in FY 2025.
Stevenson Blvd. Lift Station	This project will design and construct a new Stevenson Blvd. Lift Station to replace the existing Cherry Street Pump Station. The new station will handle the new flows from new developments, the current flows to the Cherry Street Pump Station, and other future flows identified in the City of Newark's general plan.
Transport System Misc. Projects	These projects are for making miscellaneous improvements to transport system, which includes the pump stations, lift stations, and force mains.
Alvarado Influent Valve Box Gate Valves 1-2	This project will replace the force main knife gate valves at the Alvarado Influent Valve Box and the Headworks Valve Box. Construction is in progress and scheduled to be completed in FY 2025.
Centrifuge Rebuild and VFD Replacement	This project will rebuild the existing centrifuges and replace the VFDs in the Centrifuge Building.
Centrifuge Replacement	This project will replace the existing centrifuges, pumps, conveyors, piping, and electrical equipment in the Centrifuge Building.
Cogen Engine No. 1 60K Block Replacement	This project will replace the engine block after the current engine block on Cogen No. 1 has operated for 60,000 hours.
Cogen Engine No. 2 60K Block Replacement	This project will replace the engine block after the current engine block on Cogen No. 2 has operated for 60,000 hours.
Cogen Engine No. 3 (ER)	This project is one of the outcomes of the Energy Resiliency Study. Cogen Engine No. 3 will provide added resiliency, simplify maintenance for the existing engines, and provide an additional heat source for the digesters.
Cogen Ventilation System Improvements	This project will provide improvements to enhance airflow, eliminate short circuiting, reduce dust accumulation, and extend the life of the generators and electronics in the Cogeneration System Building.
Cogen Retrofit	This project will install Selective Catalytic Reduction or other required emissions control systems for the existing cogen units if the Bay Area Air Quality Management District's permit reduces the nitrogen oxide emissions limit.
Control Box No. 1 Improvements	This project will rehabilitate or replace structural and mechanical components at Control Box No. 1 and the Headworks Valve Box.
Degritter Building Roof (Seismic) Replacement	This project will replace the precast concrete roof panels of the Degritter Building to address seismic deficiencies identified in the 2016 Seismic Study.
Degritting at Headworks and Improvements	This project will construct a new facility and equipment to remove grit from the influent wastewater at the Headworks Building.
Diffuser Replacement	This project will replace the aeration diffusers in the aeration basins.

Digester No. 1 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 1 and its associated equipment, piping, and valves.
Digester No. 2 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 2 and its associated equipment, piping, and valves.
Digester No. 3 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 3 and its associated equipment, piping, and valves.
Digester No. 4 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 4 and its associated equipment, piping, and valves.
Digester No. 5 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 5 and its associated equipment, piping, and valves.
Digester No. 6 Insp & Rehab	This project will rehabilitate Primary Digester No. 6 and its associated equipment, piping, and valves. District staff completed a condition assessment and began designing this project in FY 2024. Design will continue into FY 2025.
Digester No. 7 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 7 and its associated equipment, piping, and valves.
ETSU - 1A - Aeration Basin Modifications	This project will modify Aeration Basins 1 through 7 to improve the plant's activated sludge system.
ETSU - 1A - Aeration Basin No. 8	This project will construct new Aeration Basin 8 to increase the plant's activated sludge system's capacity.
ETSU - 1A - Aeration Internal Lift Pumps	This project will replace the three carbon steel lift pumps at Lift Station 2.
ETSU - 1A - Blower 7-10 Replacement	This project will replace Blowers 7 through 10 with high-speed aeration blowers.
ETSU - 1A - Plant 12kV Switchgear	This project will construct a new 12,000-volt utility switchgear located near the Veasy Street entrance.
ETSU - 1A - Site Drainage Improvements	This project will construct a new site drainage pump station located on the north side of the treatment plant property. This station will supplement the site drainage capacity of the existing Site Waste Pump Station.
ETSU - 1B - Secondary Clarifiers	This project will construct four new secondary clarifiers.
ETSU - 1B - Switchboard 4 Replacement	This project will replace the 480-volt Switchboard 4.
ETSU - 1B - Effluent Facilities	This project will replace the chlorine contact tank, final effluent pump station, and reclaimed water pump station.
ETSU - 1C - Plant Equalization Storage	This project will construct primary effluent equalization storage at the existing Secondary Clarifiers 1 through 4 structures.

ETSU – Phase 2	This project will design and construct Phase 2 of the Enhanced Treatment and Site Upgrade Program.
Flares Replacement	This project will replace the digester gas flare system when required by future regulations.
MCC Replacement	This project will replace electrical motor control centers that have reached the end of their useful life.
Miscellaneous Improvements	This project will rehabilitate or replace miscellaneous structural and electrical improvements at various facilities in the plant. Construction is in progress and scheduled to be completed in FY 2025.
Odor Scrubber Replacements (HW & West PCs)	This project will replace the existing odor control system at the Headworks Building and Primary Clarifiers 1-4 Building.
Odor Scrubber Replacements (East PCs)	This project will replace the existing odor control system at the Primary Clarifiers 5-6 Building.
Odor Scrubber System Improvements	This project will replace the odor control systems at the Alvarado Influent Pump Station, Centrifuge Building, WAS Thickening Building, Gravity Thickeners, and Degritter Building.
Plant 1 and 2 Water System Improvements	This project will construct a booster pump station to improve the capacity and pressure of the plant's 1 and 2 water systems.
Plant 12kV Switchgear	This project will replace the plant's existing 12,000-Volt utility switchgear located in the Main Electrical Building.
Plant 5kV Switchgear	This project will replace the plant's 4,160-volt switchgear located in the Main Electrical Building.
Plant Additional Power Source	This is for a project to install a secondary electrical feed from PG&E to accommodate anticipated future higher power demand at the plant.
Plant Asset Condition Assessment R&R	These are for replacing equipment at the plant based on recommendations from the 2018 Plant Asset Condition Assessment Study, and any subsequent updates.
Plant Mechanical and Electrical Projects	These projects are for making miscellaneous improvements to the mechanical and electrical assets at the plant.
PLC Replacement	These are to replace the processor modules in the plant's programmable logic controllers located at all process areas.
Primary Clarifier (1 - 4) Seismic Upgrade	This project will upgrade the Primary Clarifiers 1 through 4 Building's structure to address seismic deficiencies identified in the 2016 Seismic Study.
Primary Clarifier Rehab (5-6)	This project will replace the clarifier mechanisms, modify the ventilation system, and rehabilitate the structural components of the Primary Clarifiers 5 and 6 Building, including Sludge Pump Room 3.
Secondary Digester No. 1 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Secondary Digester No. 1 and its associated equipment, piping, and valves.

Secondary Digester No. 2 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Secondary Digester No. 2 and its associated equipment, piping, and valves.
Seismic Retrofit of Conc. Structures	These projects are for making seismic retrofits to the concrete structures at the plant.
Standby Power Generation System Upgrade	This project will replace the plant's existing standby generators, Substation No. 2, and the electrical switchgear and motor control centers located in the Odor Control Building. Construction is in progress and will continue in FY 2025.
Standby Power Generator No. 4	This project will install a fourth standby generator in the new Standby Power Building if the plant's power demand increases in the future.
Switchboard 3 and MCC 25 Replacement	This project will replace Switchboard 3 and Motor Control Center (MCC) 25 located in the Main Electrical Building.
Thermal Dryer	This project is one of the outcomes of the Thermal Dryer Feasibility Study. Paddle dryers will be installed near the existing Dewatering Building dependent on future handling costs and/or land application restrictions for Class "B" biosolids.
Thickeners 1 and 2 Rehabilitation	This project will replace the thickener mechanism and rehabilitate the concrete at Thickeners 1 and 2.
Thickeners 3 and 4 Rehabilitation	This project will replace the thickener mechanism and rehabilitate the concrete at Thickeners 3 and 4.
WAS Thickeners	This project will replace the gravity belt thickeners, pumps, motor control center, and programmable logic controller in the WAS Thickener Building.

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ABOUT USD



View Northward over the Secondary Clarifiers

About USD

Union Sanitary District is a California Independent Special District. USD was formed in 1918 to protect public health and the environment by providing the services of collecting, treating, and disposing of wastewater from residences, businesses and industries. We're proud to deliver this very complex, highly regulated service to the communities we serve.

In the District's founding year of 1918, USD's boundaries encompassed 3,300 acres in what was known as Southern Alameda County. The area was primarily farm and ranch land well into the twentieth century, and septic tanks were typically used for wastewater disposal.

Today, USD's service area covers over 60 square miles (about 38,400 acres) and serves over 344,000 residents in the cities of Fremont, Newark, and Union City, with over 120,000 residential, commercial, and industrial connections. Total flow to the Alvarado Treatment Plant in Union City was over 8.8 billion gallons in 2023, and averages between 24 and 25 million gallons every day with a permitted capacity of up to 33 million gallons per day.

USD is a member of the East Bay Discharge Authority (EBDA). Founded in 1974, EBDA is a five-member Joint Powers Authority (JPA) formed to plan, design, construct, and operate regional facilities to collect, transport and discharge treated effluent to deep waters of San Francisco Bay. Treated effluent from the District's Alvarado Wastewater Treatment Plant is pumped to the EBDA System and discharged into the Bay southwest of Oakland International Airport. Frequent testing of the treated wastewater confirms compliance with regional permit requirements. The other member agencies are Castro Valley Sanitary District, Oro Loma Sanitary District, City of Hayward, and City of San Leandro.

The Communities We Serve

The District provides wastewater collection, treatment and disposal services to the residents and businesses of the cities of Fremont, Newark, and Union City, commonly referred to as the Tri-City Area, with a combined population of over 344,000. Information obtained from each city is presented below.

The City of Fremont

Located on the southeast side of the San Francisco Bay, Fremont is a city of 229,476 people and 74,629 households, with an area of 92-square miles. Fremont remains the fourth most populous city in the Bay Area and California's 16th largest city. With its moderate climate and its proximity to major universities, shopping areas, recreation and cultural activities, employment centers, major airports, and the Bay Area Rapid Transit system, Fremont captures metropolitan living at its best.

Fremont is conveniently served by Interstates 680 and 880, as well as rail transport lines including Altamont Commuter Express (ACE), Amtrak Capitol Corridor, and the Bay Area Rapid Transit (BART) system. Fremont also has easy access to the San Jose Airport, Oakland Airport, San Francisco Airport,

and the Port of Oakland. Fremont is home to a broad variety of innovative firms including over 1,700 high tech, life science, and clean technology firms. The city has a broad range of quality, affordable business locations; a superior workforce; and a wide variety of tax benefits and incentive programs for businesses.

Fremont is one of the most ethnically and culturally diverse cities in the Bay Area. Residents are attracted to Fremont for its nationally recognized high-ranking public schools, its numerous well-kept parks, and a variety of recreational amenities, including beautiful Lake Elizabeth, Central Park, and Mission San José (California's 14th mission). Fremont is described as a wonderful community to live, work, and play.

The City of Newark

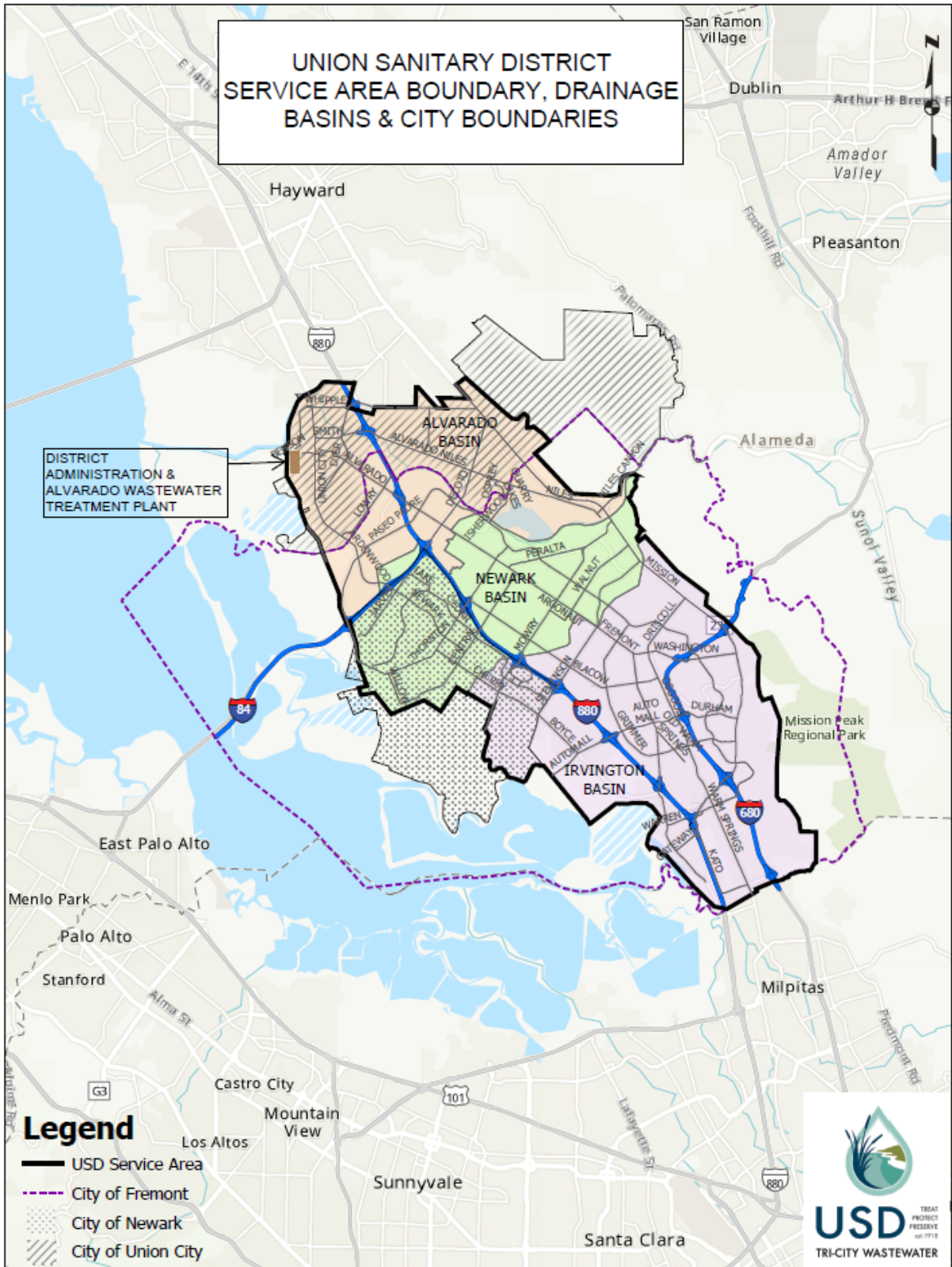
Newark has an area of 14 square miles and a population of 47,459. Newark was incorporated in 1955 and is located 35 miles south of San Francisco and next to many high-tech hubs, including easy access to highways 880, 580, 680, and the Dumbarton Corridor places Newark in an ideal location. Newark has evolved from its days enriched in agriculture, manufacturing, and railroad to today's expansion of high-tech, biotech, and the health sciences.

Although Newark has grown significantly, it still manages to keep a small, hometown community charm that citizens say they love about Newark. The City of Newark has a wide variety of programs and services to meet the community's needs.

The City of Union City

Union City is 18 square miles in area, boasting a diverse and unified people, excellent educational institutions, unsurpassed quality of life, strong economy, and world-renowned location in the San Francisco Bay Area. Incorporated in 1959, the city proudly maintains a smalltown feel while being in the center of the Bay Area, with San Francisco and Silicon Valley just minutes away. Union City has grown into an ethnically diverse community of 66,754 residents, and the highly regarded New Haven Unified School District serves about 10,400 K-12 students. The community offers a variety of housing, with affordable and upscale homes available in many charming neighborhoods throughout the city. The transit oriented Station District, located around the Union City BART station, boasts housing and business development opportunities with easy, convenient access to major public transit running throughout the Bay Area. Union City also offers many wonderful parks, sports fields, community centers, and a variety of recreation programs and social services for residents of all ages.

SERVICE AREA MAP



BUDGET DOCUMENT & PROCESS



Vactor Truck Operated by the Collection Services Team

BUDGET PROCESS

The fiscal year budget is one of the most important documents prepared by the District. Through the process of planning and preparing the budget, the District is given the opportunity to determine how best to utilize its resources for the coming fiscal year. The budget document also provides direction for management and staff on a number of fiscal issues.

Union Sanitary District adopts an annual budget. The budget document contains information on revenues and expenditure appropriations for the Fiscal Year beginning July 1 and ending June 30. In addition to the operating budget, the Board adopts an annual Capital Improvement Plan (CIP), which is part of a larger 20-year plan. These projects become an integral part of the proposed operating/capital budget.

The budget is prepared in accordance with fiscal policies/guidelines and objectives as established by the Board in Policy #2015. The time frames provided in the budget calendar reflect early involvement of District staff and the Board in review and discussion of policy direction, goals and objectives concurrent with development of financial projections and service level requirements. With this approach, the necessary components that guide the process are incorporated into the proposed budget prior to formal submission to the Board.

Key budget dates are shown below:

Date	Process
Early January 2024	Budget discussions begin with all departments including FY 2023/2024 midyear and year end projections
March 13, 2024	Midyear presentation to Board with discussions on FY 2024/2025 budget drivers
April 30, 2024	Budget workshop held with Board
May 28, 2024	Presentation of the FY 2024/2025 proposed budget to the Board
June 24, 2024	Consideration of the FY 2024/2025 final budget by the Board

BUDGET REPORTING

For budgetary reporting purposes, Union Sanitary District uses the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recognized when they become measurable and available. “Measurable” means the amount of the transaction can be determined and “available” means collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period. Expenditures are recognized in the accounting period in which the liability is incurred. Non-cash expense items such as depreciation expense for fixed assets and accrued compensated absences are excluded from the budget. Principal payments for District debt are included in the budget.

The District operates under two funds for budgetary purposes. Those funds are:

Sewer Service Fund (fund 80) – This fund accounts for the general operations, maintenance, and administration of Union Sanitary District. For purposes of internal accounting only, the District maintains separate funds within the Sewer Service Fund to track revenue and expenditures as they relate to operations; special projects; Other Post-Employment Benefits (OPEB); 115 Pension Trust contributions; vehicle, equipment, and information systems acquisitions; and maintenance of plant, pump, and structural components.

Capacity Fund (fund 90) – This fund accounts for capacity related fees collected by the District and their related expenditures. Capacity fees are charged by the District to assure that development customers that connect to the system pay their proportional share of the sewer and treatment plant required to convey and treat their wastewater. Sewer capacity charges are governed by California Government Code Section 66013.

FINANCIAL STATEMENT REPORTING

The District operates as a proprietary fund-type and uses the modified accrual basis of accounting. All proprietary fund-types are accounted for on a flow of economic resources measurement focus. Under this measurement focus, all assets and liabilities associated with the operation of these funds are included on the statement of net position. Where appropriate, net total assets (i.e. fund equity) are segregated into contributed capital and retained earnings. Proprietary fund-type operating statements present increases (revenues) and decreases (expenses) in net position.

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OTHER INFORMATION

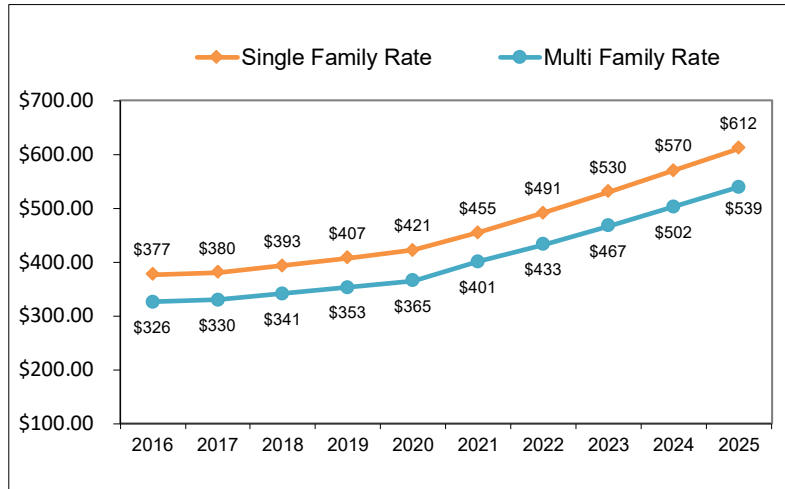


New Standby Power Building

UNION SANITARY DISTRICT
Current and Historical Fees
As of June 30, 2025
Last Ten Years

Sewer Service Charge Rates

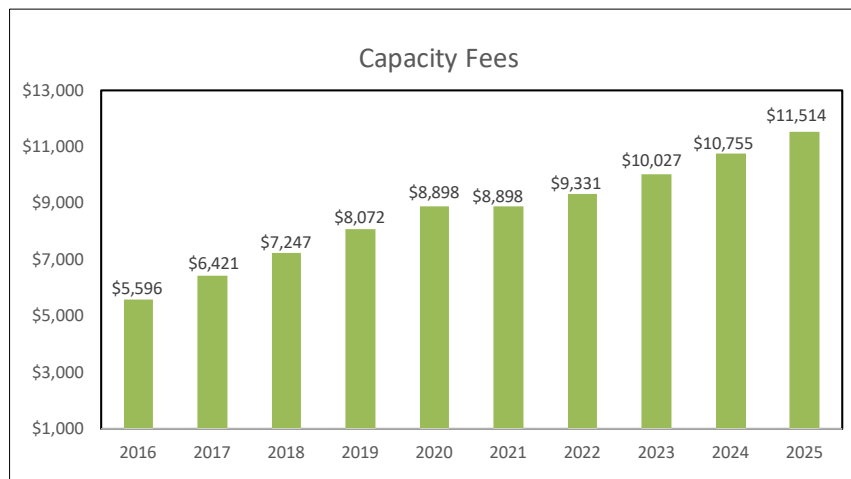
	Single Family Rate	Multi - Family Rate	Single Family Rate Percentage Change
FY 2025	\$611.58	\$538.95	7.3%
FY 2024	569.97	502.28	7.5%
FY 2023	530.21	467.24	8.0%
FY 2022	490.93	432.63	8.0%
FY 2021	454.57	400.58	7.9%
FY 2020	421.37	365.32	3.5%
FY 2019	407.12	352.97	3.5%
FY 2018	393.35	341.03	3.5%
FY 2017	380.05	329.50	0.8%
FY 2016	377.00	326.00	5.6%



The fees above are for Single and Multi-Family units. A property with multiple housing units such as an apartment complex is charged \$538.95 for each dwelling unit on the property. Fees for commercial and industrial customers are based on the volume and strength of the wastewater being treated.

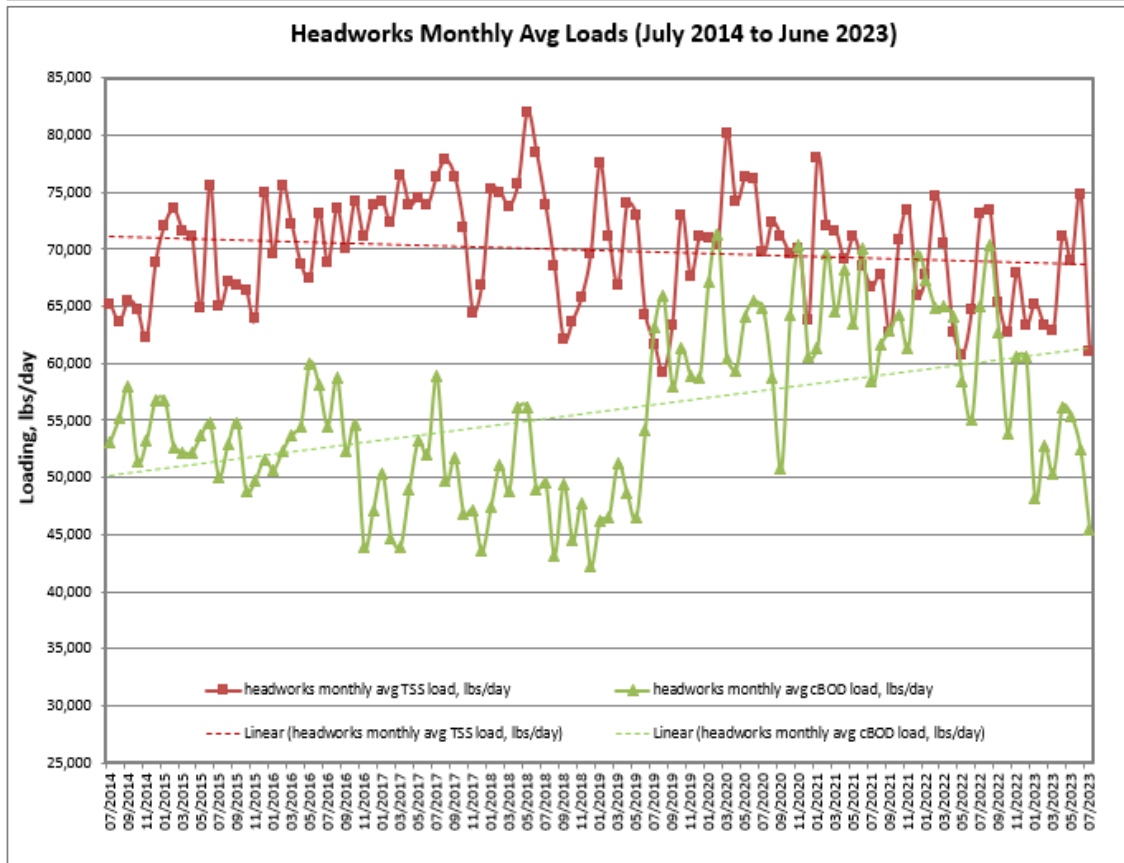
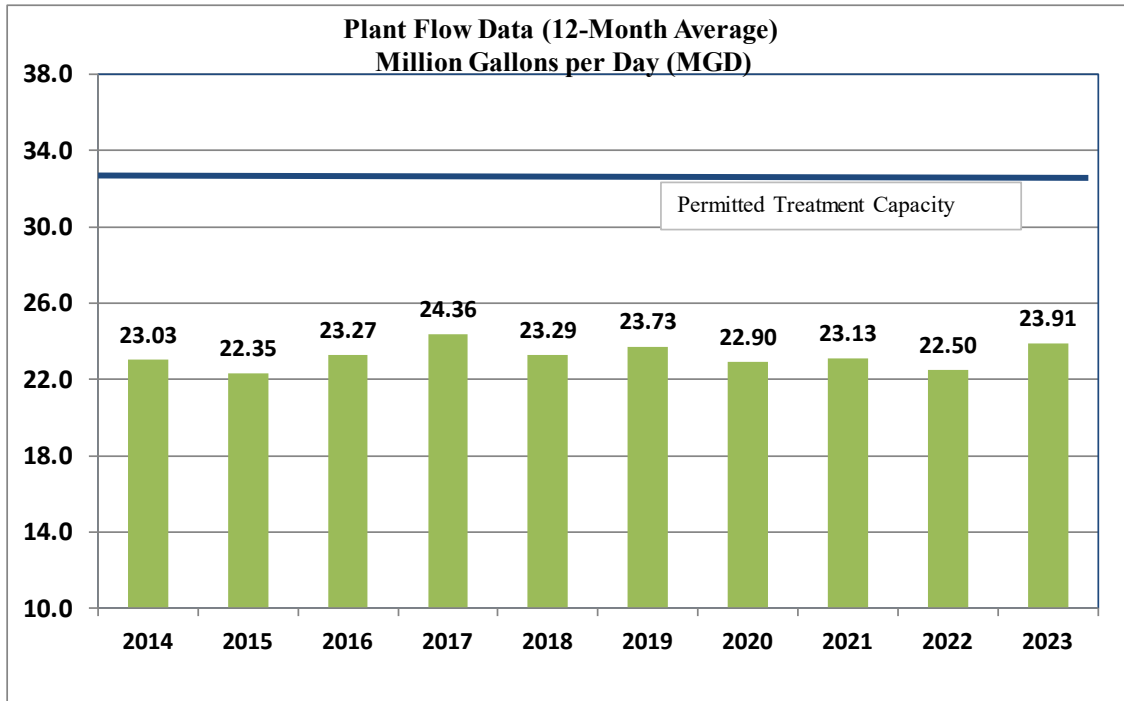
Capacity Fee Rates

		Percentage Change
FY 2025	\$11,514.00	7.1%
FY 2024	10,755.00	7.3%
FY 2023	10,027.00	7.5%
FY 2022	9,331.00	4.9%
FY 2021	8,897.71	0.0%
FY 2020	8,897.71	10.2%
FY 2019	8,072.20	11.4%
FY 2018	7,246.69	12.9%
FY 2017	6,421.17	14.8%
FY 2016	5,595.66	0.0%



The capacity fees shown are per dwelling unit. Other categories such as restaurants, warehouses, and mixed-use commercial facilities are based on square footage and other factors as per the Capacity Fee Ordinance.

UNION SANITARY DISTRICT
 Operating Indicators by Function/Program
 Average Daily Flow



Source: USD Treatment and Disposal Work Group

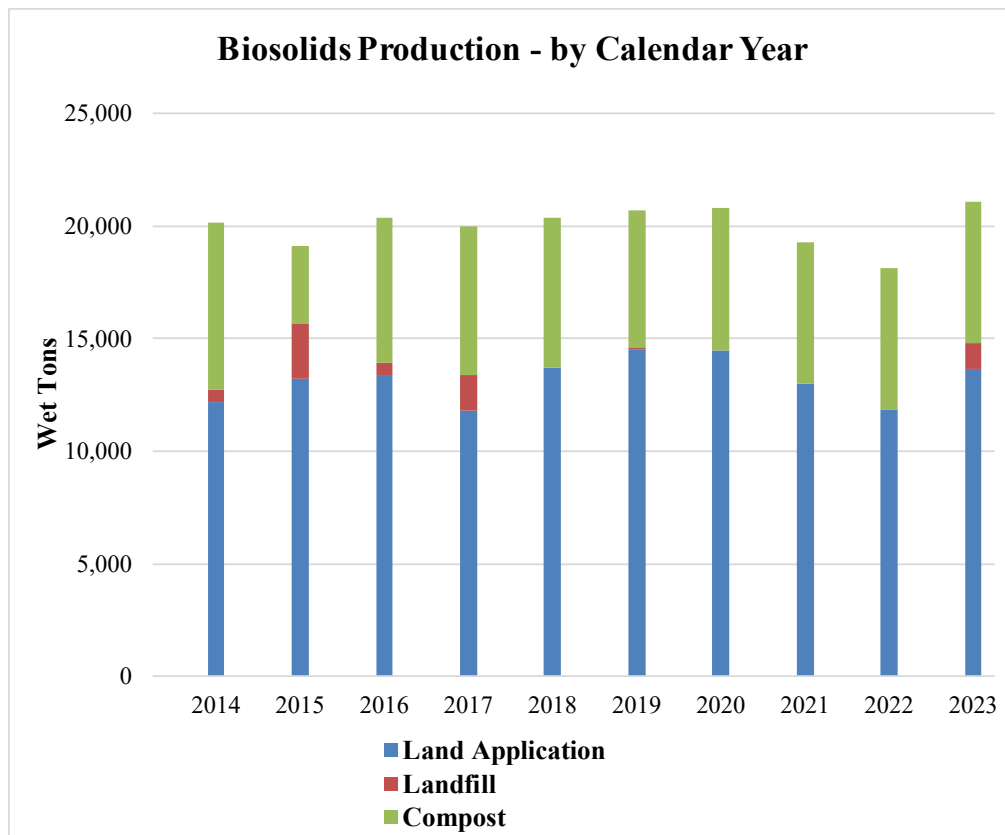
UNION SANITARY DISTRICT

Operating Indicators - Biosolids
Last Ten Calendar Years

Function/Program

Biosolids

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Land Application	12,212	13,212	13,395	11,784	13,733	14,529	14,452	12,995	11,847	13,670
Landfill	545	2,450	563	1,624	0	72	0	0	0	1,119
Compost	7,414	3,470	6,399	6,584	6,615	6,103	6,342	6,262	6,271	6,285
Total (in Wet Tons)	20,171	19,132	20,357	19,992	20,347	20,704	20,793	19,257	18,117	21,075



UNION SANITARY DISTRICT

Full-time Equivalent District Employees by Function/Program (as measured at June 30)
Last 10 Fiscal Years

Function/Program	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
System Op and Maint (CS Support, FMC, T&D, Whse)	50.45	53.45	53.45	52.45	55.45	54.45	53.45	54.45	53.45	56.45
Engineering and Construction (CIP, ETSU)	8.00	8.00	10.00	9.00	8.00	9.00	11.00	13.00	12.00	13.00
Collections System Maintenance (CS)	23.00	23.00	25.00	25.00	25.00	25.00	26.00	25.00	23.00	25.00
Office of the General Manager (GM)	1.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Finance (FAST)	5.00	5.00	5.00	3.00	5.00	6.00	5.00	5.00	5.00	5.00
Information Systems (IT)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Admin Dept (Adm Specialist, Purchasing, non-HR OST)	14.00	13.00	14.00	13.00	13.00	12.00	15.00	14.00	14.00	14.00
Customer and Community services (Rest of TS)	19.00	18.00	20.00	20.00	21.00	21.00	20.00	20.00	20.00	18.00
Human Resources (HR)	3.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Total # of Employees	128.45	131.45	136.45	131.45	136.45	136.45	139.45	140.45	136.45	140.45
Average years of service of employees as of June 30:	11.97	11.25	10.54	10.60	10.41	10.20	10.20	10.76	10.39	10.33

CIP = Capital Improvements Projects Team
ETSU = Enhanced Treatment & Site Upgrade
FAST = Finance & Acquisition Services Team
FMC = Fabrication, Maintenance and Construction
OST = Organizational Support Team
T&D = Treatment & Disposal Work Group
TS = Technical Services Work Group

UNION SANITARY DISTRICT
Ten Principal Industrial Rate Payers by Levy
June 30, 2023

Rate Payer	2022-23		
	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$1,865,719	1	2.39%
Mission Linen Supply	366,094	2	0.47%
Lam Research	346,268	3	0.44%
Western Digital	305,721	4	0.39%
Boehringer Ingeheim	245,876	5	0.32%
Washington Hospital	227,849	6	0.29%
Fairfield Apartments / Mixed Use	197,643	7	0.25%
Union Square Shopping Center	183,368	8	0.24%
US Pipe	181,897	9	0.23%
Ranch 99 / New ark	154,337	10	0.20%
Total annual billing largest ten:	<u>\$4,074,771</u>		<u>5.22%</u>
Total ALL annual billings	<u>\$77,986,322</u>		

Rate Payer	2021-22		
	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$1,446,020	1	1.96%
Lam Research	300,980	2	0.41%
Western Digital	257,391	3	0.35%
Washington Hospital	204,834	4	0.28%
Boehringer Ingeheim	183,299	5	0.25%
Mission Linen Supply	182,382	6	0.25%
Safety-Kleen	176,505	7	0.24%
US Pipe	168,193	8	0.23%
Archstone Center Apartments	151,118	9	0.20%
Union Square Shopping Center	142,673	10	0.19%
Total annual billing largest ten:	<u>\$3,213,396</u>		<u>4.35%</u>
Total ALL annual billings	<u>\$73,822,317</u>		

Rate Payer	2020-21		
	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$1,176,212	1	1.89%
Mission Linen Supply	243,523	2	0.39%
Western Digital	224,028	3	0.36%
Washington Hospital	213,400	4	0.34%
Ranch 99 / Warm Springs Shopping Center	213,196	5	0.34%
Union Square Shopping Center	212,278	6	0.34%
Lam Research	204,684	7	0.33%
US Pipe	194,164	8	0.31%
Ranch 99 / New ark	181,779	9	0.29%
Boehringer Ingeheim	168,826	10	0.27%
Total annual billing largest ten:	<u>\$3,032,089</u>		<u>4.88%</u>
Total ALL annual billings	<u>\$62,142,806</u>		

Rate Payer	2019-20		
	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$1,381,023	1	2.29%
Washington Hospital	314,394	2	0.52%
US Pipe	244,663	3	0.41%
Western Digital	187,814	4	0.31%
Ranch 99/Warm Springs Shopping Center	161,740	5	0.27%
Union Square Shopping Center / Market Place	161,271	6	0.27%
Lam Research	160,087	7	0.27%
Ranch 99 / New ark	148,835	8	0.25%
Marriott Hotel	133,716	9	0.22%
Sterling Foods	127,508	10	0.21%
Total annual billing largest ten:	<u>\$3,021,050</u>		<u>5.02%</u>
Total ALL annual billings	<u>\$60,216,149</u>		

Rate Payer	2018-19		
	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$1,228,862	1	2.14%
Washington Hospital	221,799	2	0.39%
US Pipe	216,296	3	0.38%
Western Digital	174,219	4	0.30%
Ranch 99 / Warm Springs Shopping Center	157,421	5	0.27%
Ranch 99 / New ark	152,401	6	0.27%
Marriott Hotel	141,572	7	0.25%
Union Square Shopping Center	138,482	8	0.24%
Lam Research	125,330	9	0.22%
Gateway Plaza Shopping Center	125,202	10	0.22%
Total annual billing largest ten:	<u>\$2,681,584</u>		<u>4.68%</u>
Total ALL annual billings	<u>\$57,330,651</u>		

Rate Payer	2017-18		
	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$817,848	1	1.51%
Western Digital	141,806	2	0.26%
Solar City	172,276	3	0.32%
US Pipe	135,774	4	0.25%
Seagate Magnetics	156,718	5	0.29%
Lam Research	122,934	6	0.23%
Washington Hospital	173,057	7	0.32%
Kaiser Hospital	106,337	8	0.20%
Boehringer Ingeheim	87,678	9	0.16%
Seagate Technology #3	69,384	10	0.13%
Total annual billing largest ten:	<u>\$1,983,813</u>		<u>3.66%</u>
Total ALL annual billings	<u>\$54,260,096</u>		

UNION SANITARY DISTRICT

Miscellaneous Statistics
As of June 30, 2023

Governing Body:	Elected 5-Member Board of Directors Fremont - 3 Members Newark - 1 Member Union City - 1 Member
Governmental Structure:	Established in 1918 and reorganized in 1923 under the Sanitary District Act
Staff:	140.45 full-time equivalent employees
CEO:	General Manager
CFO:	Business Services Manager
Authority:	California Health and Safety Code Section 4700 et. Seq.
Services:	Wastewater collection, treatment and disposal
Service Area:	60.2 square miles (Annexed areas - Fremont, Newark and Union City)
Total Population Served:	343,680
Number of Parcels	102,392 (91,692 Residential; 3,113 Non-Residential; 7,587 Other (vacant land))
Collection & Transport System:	Total miles of pipeline - 839, including the force main and all gravity sewers (including trunk mains) Number of pumping stations - 7 Pump Stations: Irvington, Newark, Alvarado Lift Stations: Fremont, Boyce, Paseo Padre, Cherry Street 17,300 manholes
Permitted Plant Treatment Capacity (ADWF)	33 million gallons per day (mgd)
Type of Treatment:	Secondary
Sewer Service Charge:	\$530.21 annually per single family residential dwelling unit

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APPENDIX



Looking West from USD Treatment Plant in Union City – San Francisco Bay and Estuary



Principal Officials

Board Member	Position	City Represented	Year Elected	Term Expires
Jennifer Toy	President	Fremont, Ward 3	1998	2026
vacant	Vice President	Fremont, Ward 3	2007	2026
Pat Kite	Secretary	Newark, Ward 2	1991	2028
Manny Fernandez	Secretary Pro Tem	Union City, Ward 1	2011	2028
Anjali Lathi	Director	Fremont, Ward 3	2002	2028

Board positions effective 04/22/2024

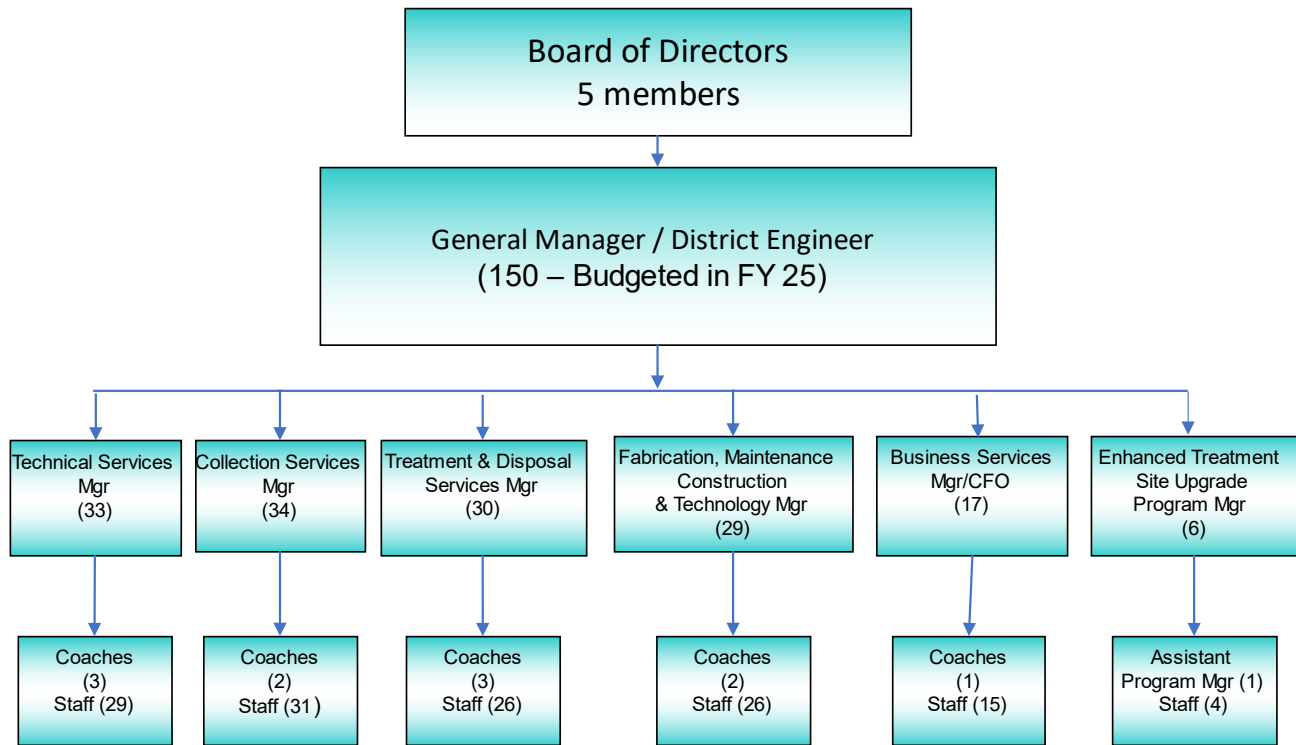
Staff

- Paul Eldredge General Manager/District Engineer
- Armando Lopez Treatment & Disposal Services Manager
- Robert Simonich Maintenance & Technology Services Manager
- Mark Carlson Business Services Manager/Chief Financial Officer
- Raymond Chau Technical Services Manager
- Jose Rodrigues Collection Services Manager

Karen W. Murphy - General Counsel



USD TREAT
PROTECT
PRESERVE
est.1918
TRI-CITY WASTEWATER





VISION/MISSION STATEMENT

April 10, 2017

To safely and responsibly collect and treat wastewater, and to recover resources from process waste streams, while protecting human health and improving the environment in a way that benefits the Tri-Cities and all USD stakeholders.

How we continue to accomplish our Vision:

Commitment to safety:

- Continually reviewing our safety program for opportunities to improve
- Focusing on protecting employees and the community in all our activities
- Allocating resources to ensure safe operations (equipment, training, staff)
- Collaboratively promoting a safe work environment

Responsibility:

- Being accountable for our actions and decisions
- Being fiscally prudent
- Maintaining and upgrading infrastructure
- Anticipating and meeting future District and stakeholder needs
- Compliance with laws and regulations (local, state, federal)
- Effective asset management
- Effective use of technology
- Looking for innovative ways to reduce or reuse our waste streams

Collect, treat, and recover/reuse wastewater:

- Providing capacity in the collection system and plant
- Regulating connections
- Increasing efforts for resource recovery (biogas, biosolids, etc.)
- Exploring ways to maximize water reclamation and reuse potential

Human health and environmental stewardship

- Preventing sewer spills and back-ups
- Limiting health risks through treatment of wastewater
- Responding to emergencies
- Enhancing water quality in the San Francisco Bay estuary
- Meeting or exceeding all water and air quality standards
- Promoting pollution prevention and pretreatment through outreach and educational programs
- Maximizing use of green energy sources when feasible
- Working towards energy neutrality



VISION/MISSION STATEMENT April 10, 2017

We benefit our stakeholders by:

Community

- Complying with all local, state, and federal regulations, protecting the environment and controlling odors
- Communicating with the public and bringing awareness about wastewater issues
- Responding to emergencies and providing mutual aid
- Participating in community outreach activities
- Contributing to the wastewater treatment profession by participating in professional associations, partnering with other agencies and organizations, and sharing best practices
- Working cooperatively with cities and other government agencies

Customer

- Providing award-winning, reliable service
- Being fiscally responsible and cost effective, and providing value
- Promptly responding to customers' needs
- Being professional and courteous
- Proactively and creatively meeting customer needs
- Supporting businesses through permitting, education and by providing capacity

Employees

- Providing a safe work environment
- Recognizing employee contributions
- Encouraging cooperation and collaboration
- Demonstrating equality and fairness
- Valuing employee input, and offering opportunities for involvement and creativity
- Providing training and resources
- Providing competitive wages and benefits in a stable work environment
- Communicating and sharing information openly and honestly

**Union Sanitary District
Draft FY 2025 - FY 2044 CIP Budget
(All Figures x \$1,000)**

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	10-Year Total	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	FY 43	FY 44	20-Year Total	
ADMINISTRATIVE FACILITIES																													
80		2	Planning	Battery Storage at Alvarado (ER)	8,313	0	192	767	3,677	3,677							8,313											8,313	
80		2		Cathodic Protection Improvements						320		342		365		389	1,416		415		443		473		504		538	3,789	
80		1	Design	Collection Services Bldg. Improvements	6,658	216	505	3,813	2,340								6,658											6,658	
80		1	Constr	ETSU - 1A - Campus Building	90,526	63,561	26,965										26,965											26,965	
80		1	Design	ETSU - 1A - Campus Solar Project (CS)	5,000	0	500	1,700	2,800								5,000												5,000
80		2	Design	FY 24 Cathodic Protection System Improvements	517	30	125	362									487												487
80		3		Plant Paving							775		207		207		1,189	207		207		207		207		207		2,224	
80		2		Radio Repeater Antenna Replacement (Mount Allison)							150						150											150	
80		3		Sea-Level Rise at Alvarado													0	1,814	6,953	6,953								15,719	
80		3		Sea-Level Rise at Force Mains													0	2,095	8,029	8,029								18,152	
80		3		Sea-Level Rise at Lift Stations													0	426	1,634	1,634								3,694	
80		3		Sea-Level Rise at Pump Stations													0	850	3,257	3,257								7,363	
80		2	Design	Solar and Batteries at Irvington PS (ER)	3,638	21	325	1,609	1,683								3,617												3,617
80		2		Solar and Batteries at Lift Stations (ER)				19	72	72							163											163	
80		2		Solar and Batteries at Newark PS (ER)				355	1,360	1,360							3,075											3,075	
80		2		Solar at Primary Clarifiers (ER)											214	822	1,036	822											1,858
80	50	2		Solar/Batteries/Inverters Replacement at Plant				53					408				461		197		473	4,069			135			5,335	
90	50	2		Solar/Batteries/Inverters Replacement at Plant				53					408				461		197		473	4,069			135			5,335	
80	50	2		Solar/Batteries/Inverters Replacement at Lift Stations													0					98						98	
90	50	2		Solar/Batteries/Inverters Replacement at Lift Stations													0					98						98	
80	50	2		Solar/Batteries/Inverters Replacement at Pump Stations													0			949		814						1,763	
90	50	2		Solar/Batteries/Inverters Replacement at Pump Stations													0			949		814						1,763	
Total for ADMINISTRATIVE FACILITIES					114,652	63,828	28,612	8,731	11,932	5,429	925	342	1,023	365	421	1,211	58,991	6,213	20,681	21,977	1,389	10,169	473	207	774	207	538	121,619	
Total Priority 1 Administrative Facilities					102,184	63,777	27,970	5,513	5,140	0	0	0	0	0	0	0	38,623	0	0	0	0	0	0	0	0	0	0	38,623	
Total Priority 2 Administrative Facilities					12,468	51	642	3,218	6,792	5,429	150	342	816	365	214	1,211	19,179	822	809	1,898	1,389	9,962	473	0	774	0	538	35,844	
Total Priority 3 Administrative Facilities					0	0	0	0	0	0	775	0	207	0	207	0	1,189	5,391	19,872	20,079	0	207	0	207	0	207	0	47,152	
Total Fund 80 - Administrative Facilities					114,652	63,828	28,612	8,678	11,932	5,429	925	342	615	365	421	1,211	58,530	6,213	20,484	21,028	916	5,188	473	207	639	207	538	114,423	
Total Fund 90 - Administrative Facilities					0	0	0	53	0	0	0	0	408	0	0	0	461	0	197	949	473	4,981	0	0	135	0	0	7,196	

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Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	10-Year Total	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	FY 43	FY 44	20-Year Total
COLLECTION SYSTEM																												
80		2		Cast Iron/Pipe Lining				640		683		729		778		2,830	830		886		945		1,009		1,076		7,576	
80		1	Design	Central Avenue Sewer Relocation (Newark Overpass)	2,583	0	155	2,428								2,583												2,583
80		2	Constr	FY 23 Cast Iron/Piping Lining	600	8	592									592												592
80		2	Design	FY 24 Gravity Sewer Rehab/Replacement	2,230	105	210	2,020								2,230												2,230
80		2		Gravity Sewer Rehab/Replacement				194	1,750	208	1,868	221	1,993	236	2,127	8,597	252	2,270	269	2,422	287	2,584	306	2,758	327	2,943	23,015	
80		1		RCP Sewer Rehab (Alvarado Basin)			200	2,200	2,500							4,900											4,900	
80		1		RCP Sewer Rehab (Irvington Basin)			100	800	900	250	2,200	2,550				6,800											6,800	
80		1		RCP Sewer Rehab (Newark Basin)				250	2,200	2,550						5,000											5,000	
Total for COLLECTION SYSTEM					5,413	113	1,257	7,448	4,484	3,950	3,691	4,068	3,500	1,993	1,014	2,127	33,532	1,082	2,270	1,155	2,422	1,232	2,584	1,315	2,758	1,403	2,943	52,696
Total Priority 1 Collection System					2,583	0	455	5,428	3,650	2,200	2,800	2,200	2,550	0	0	0	19,283	0	0	0	0	0	0	0	0	0	0	19,283
Total Priority 2 Collection System					2,830	113	802	2,020	834	1,750	891	1,868	950	1,993	1,014	2,127	14,249	1,082	2,270	1,155	2,422	1,232	2,584	1,315	2,758	1,403	2,943	33,413
Total Priority 3 Collection System					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fund 80 - Collection System					5,413	113	1,257	7,448	4,484	3,950	3,691	4,068	3,500	1,993	1,014	2,127	33,532	1,082	2,270	1,155	2,422	1,232	2,584	1,315	2,758	1,403	2,943	52,696
Total Fund 90 - Collection System					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORT SYSTEM																												
80	50	2		Alameda Creek Crossing Lift Station												0					768		4,574	5,591			10,933	
90	50	2		Alameda Creek Crossing Lift Station												0					768		4,574	5,591			10,933	
90		2		Equalization Storage @ Newark												0		3,066	9,407	21,951							34,424	
80		1	Constr	Forcemain Corrosion Repairs - Phase 4	2,447	627	1,820									1,820											1,820	
80		2	Design	Forcemain Stabilization at Alameda Creek	1,800	45	130	670	1,000							1,800											1,800	
80		3		Forcemain Rehabilitation												0				900	12,275	12,275	12,275	12,275			50,000	
80	50	1	Design	Irvington PS Pumps and VFDs	11,472	0	1,059	2,802	5,074	2,537						11,472											11,472	
90	50	1	Design	Irvington PS Pumps and VFDs	11,472	0	1,059	2,802	5,074	2,537						11,472											11,472	
80	50	3		Irvington PS Rehabilitation											590	590	2,653	2,653									5,896	
90	50	3		Irvington PS Rehabilitation											590	590	2,653	2,653									5,896	
80	50	3		Lift Station Rehabilitation									50	445		495						743	3,342	3,342			7,922	
90	50	3		Lift Station Rehabilitation									50	445		495						743	3,342	3,342			7,922	
80	50	2	Constr	Newark PS/Irvington PS Portable VFD	124	101	23									23											23	
90	50	2	Constr	Newark PS/Irvington PS Portable VFD	124	101	23									23											23	

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Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	10-Year Total	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	FY 43	FY 44	20-Year Total	
80	50	2		Newark PS Pumps and VFDs						1,114	5,014	5,014					11,142											11,142	
90	50	2		Newark PS Pumps and VFDs						1,114	5,014	5,014					11,142											11,142	
80	50	3		Newark PS Rehabilitation													0		501	2,254	2,254							5,009	
90	50	3		Newark PS Rehabilitation													0		501	2,254	2,254							5,009	
80	45	2	Constr	PS Odor Control Improvements	4,307	476	1,370	2,461									3,831											3,831	
90	55	2	Constr	PS Odor Control Improvements	5,263	581	1,674	3,008									4,682											4,682	
90		2		Stevenson Blvd. Lift Station	3,100	0	100	200	1,350	1,450							3,100											3,100	
80		3		Transport System Misc. Projects				250	250	250	250	250	250	250	250	250	2,250	250	250	250	250	250	250	250	250	250	250	250	4,750
Total for TRANSPORT SYSTEM					40,109	1,931	7,258	12,193	12,748	9,002	10,278	10,278	250	350	1,140	1,430	64,927	5,556	8,622	10,659	27,609	18,569	14,011	28,357	30,391	250	250	209,201	
Total Priority 1 Transport System					25,391	627	3,938	5,604	10,148	5,074	0	0	0	0	0	0	0	24,764	0	0	0	0	0	0	0	0	0	0	24,764
Total Priority 2 Transport System					14,718	1,304	3,320	6,339	2,350	3,678	10,028	10,028	0	0	0	0	0	35,743	0	3,066	9,407	21,951	1,536	0	9,148	11,182	0	0	92,033
Total Priority 3 Transport System					0	0	0	250	250	250	250	250	250	350	1,140	1,430	4,420	5,556	5,556	1,252	5,658	17,033	14,011	19,209	19,209	250	250	92,404	
Total Fund 80 - Transport System					20,150	1,249	4,402	6,183	6,324	3,901	5,264	5,264	250	300	695	840	33,423	2,903	2,903	751	3,404	15,547	13,268	20,441	21,458	250	250	114,598	
Total Fund 90 - Transport System					19,959	682	2,856	6,010	6,424	5,101	5,014	5,014	0	50	445	590	31,504	2,653	5,719	9,908	24,205	3,022	743	7,916	8,933	0	0	94,603	

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	10-Year Total	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	FY 43	FY 44	20-Year Total	
TREATMENT PLANT																													
80		2	Constr	Alvarado Influent Valve Box Gate Valves 1-2	1,400	300	1,100										1,100												1,100
80		2		Centrifuge Rebuild and VFD Replacement				1,500	1,500								3,000												3,000
80	50	2		Centrifuge Replacement													0		1,499	3,407	13,293	6,647							24,846
90	50	2		Centrifuge Replacement													0		1,499	3,407	13,293	6,647							24,846
80	50	1		Cogen Engine No. 1 60K Block Replacement			400								525		925							675				1,600	
90	50	1		Cogen Engine No. 1 60K Block Replacement			400								525		925							675				1,600	
80	50	1		Cogen Engine No. 2 60K Block Replacement								475					475				625							1,100	
90	50	1		Cogen Engine No. 2 60K Block Replacement								475					475				625							1,100	
80	50	2	Planning	Cogen Engine No. 3 (ER)			178	715	3,425	3,425							7,743											7,743	
90	50	2	Planning	Cogen Engine No. 3 (ER)			178	715	3,425	3,425							7,743											7,743	
80	50	2		Cogen Ventilation System Improvements				35	179	179							393											393	
90	50	2		Cogen Ventilation System Improvements				35	179	179							393											393	
80	50	2		Cogen Retrofit									271	1,230			1,501											1,501	
90	50	2		Cogen Retrofit									271	1,230			1,501											1,501	
80		2		Control Box No. 1 Improvements						766	5,630	2,413					8,809											8,809	
80		2		Degritter Building Roof (Seismic) Replacement													0					817	4,531	1,942				7,290	
80	50	2		Degritting at Headworks and Improvements													0	550	1,516	5,409	9,302	9,302						26,078	
90	50	2		Degritting at Headworks and Improvements													0	550	1,516	5,409	9,302	9,302						26,078	

**Union Sanitary District
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Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	10-Year Total	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	FY 43	FY 44	20-Year Total	
80		3		Diffuser Replacement											504	504	781	807										2,092	
80		2		Digester No. 1 Insp & Rehab					459	1,453	2,180					4,092				757	3,095	3,095						11,039	
80		2		Digester No. 2 Insp & Rehab											686	686	3,370	2,247										6,303	
80		2		Digester No. 3 Insp & Rehab										623	3,056	2,037	5,716											5,716	
80		2		Digester No. 4 Insp & Rehab					547	1,790	2,685					5,022				883	4,332	2,888						13,125	
80		2		Digester No. 5 Insp & Rehab							678	3,221	2,147			6,046							973	4,776	3,184			14,979	
80		1	Design	Digester No. 6 Insp & Rehab	9,270	378	504	5,592	2,796							8,892			1,182	4,833	4,833							19,740	
80		3		Digester No. 7 Insp & Rehab											1,550	1,550	6,341	6,341										14,232	
80	60	1	Constr	ETSU - 1A - Aeration Basin Modifications	64,683	27,072	16,271	12,671	8,669							37,611												37,611	
90	40	1	Constr	ETSU - 1A - Aeration Basin Modifications	43,123	18,048	10,847	8,447	5,781							25,075												25,075	
80	40	1	Constr	ETSU - 1A - Aeration Basin No. 8	7,489	5,318	2,171									2,171												2,171	
90	60	1	Constr	ETSU - 1A - Aeration Basin No. 8	11,233	7,976	3,257									3,257												3,257	
80	60	1	Constr	ETSU - 1A - Aeration Internal Lift Pumps	2,430	684	1,746									1,746												1,746	
90	40	1	Constr	ETSU - 1A - Aeration Internal Lift Pumps	1,620	456	1,164									1,164												1,164	
80	60	1	Constr	ETSU - 1A - Blower 7-10 Replacement	2,748	1,888	860									860												860	
90	40	1	Constr	ETSU - 1A - Blower 7-10 Replacement	1,832	1,258	574									574												574	
80		1	Constr	ETSU - 1A - Plant 12kV Switchgear (SWGR-SE)	9,329	2,488	2,850	3,991								6,841													6,841
80	50	1	Constr	ETSU - 1A - Site Drainage Improvements	3,307	1,876	1,431									1,431													1,431
90	50	1	Constr	ETSU - 1A - Site Drainage Improvements	3,307	1,876	1,431									1,431													1,431
80	60	1	Design	ETSU - 1B - Secondary Clarifiers	108,310	4,382	2,580	29,400	34,246	25,702	12,000					103,928												103,928	
90	40	1	Design	ETSU - 1B - Secondary Clarifiers	72,207	2,921	1,720	19,600	22,831	17,135	8,000					69,286													69,286
80	60	1	Design	ETSU - 1B - Switchboard 4 Replacement	1,194	0	270	924								1,194													1,194
90	40	1	Design	ETSU - 1B - Switchboard 4 Replacement	796	0	180	616								796													796
80	60	1	Design	ETSU - 1B - Effluent Facilities	34,943	0	840	7,260	13,338	9,905	3,600					34,943													34,943
90	40	1	Design	ETSU - 1B - Effluent Facilities	23,295	0	560	4,840	8,892	6,603	2,400					23,295													23,295
80	25	1	Design	ETSU - 1C - Plant Equalization Storage	9,904	0			300	450	2,289	5,950	915			9,904													9,904
90	75	1	Design	ETSU - 1C - Plant Equalization Storage	29,714	0			900	1,350	6,866	17,852	2,746			29,714													29,714
80	50	3		ETSU - Phase 2												0						3,058	12,636	40,046	53,394	40,046		149,180	
90	50	3		ETSU - Phase 2												0						3,058	12,636	40,046	53,394	40,046		149,180	
80		2		Flares Replacement										945	5,469	2,344	8,758											8,758	
80		2		MCC Replacement						66	524					590												590	
80		2	Constr	Miscellaneous Improvements	7,089	4,062	3,027									3,027												3,027	

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80		2		Odor Scrubber Replacements (HW & West PCs)								520	2,147	9,147	12,806	24,620												24,620
80		2		Odor Scrubber Replacements (East PCs)	13,187	0	100	300		255	701	2,264	3,827	3,827	1,913		13,187											13,187
80		2		Odor Scrubber System Improvements								394	3,124		1,366	4,884	7,572	3,694	3,557	1,607	9,201	3,943	910	7,203			42,571	
80		2		Plant 1 and 2 Water System Improvements						115	1,141					1,256											1,256	
80		2	Planning	Plant 5kV Switchgear	4,790	0	101	418	2,990	1,281						4,790												4,790
80		2	Planning	Plant 12kV Switchgear	11,573	0	244	1,009	7,224	3,096						11,573												11,573
80	50	3		Plant Additional Power Source												0					258	2,066	2,841				5,165	
90	50	3		Plant Additional Power Source												0					258	2,066	2,841				5,165	
80		2		Plant Asset Condition Assessment R&R						979	827	3,562	3,648	7,877	1,132	2,646	20,671	406	247		398		1,062	4,403	24,516	24,516	15,649	91,868
80		2		Plant Mechanical and Electrical Projects					500	500	500	500	500	500	500	500	4,000	500	500	500	500	500	500	500	500	500	500	9,000
80		2		PLC Replacement										350		350		400				450					1,200	
80		2		Primary Clarifier (1 - 4) Seismic Upgrade									163	675	2,876	4,027	7,741										7,741	
80	75	2		Primary Clarifier Rehab (5-6)						514	2,121	2,105	8,418	8,418	4,209	25,785											25,785	
90	25	2		Primary Clarifier Rehab (5-6)						172	707	701	2,806	2,806	1,403	8,595											8,595	
80		3		Secondary Digester No. 1 Insp & Rehab												0		525	4,878								5,403	
80		3		Secondary Digester No. 2 Insp & Rehab					134	1,245						1,379				560	5,206						7,145	
80		2		Seismic Retrofit of Conc. Structures				300		300		300		300		300	1,500		300		300		300		300		300	3,000
80		1	Constr	Standby Power Generation System Upgrade	27,754	23,172	1,444	3,138								4,582												4,582
90		3		Standby Power Generator No. 4												0								2,757	18,160	9,080	29,997	
80		2	Constr	Switchboard 3 and MCC 25 Replacement	2,690	267	1,253	1,170								2,423												2,423
80	60	2		Thermal Dryer									977	1,132	7,178	7,178	16,466	3,589									20,055	
90	40	2		Thermal Dryer									652	755	4,785	4,785	10,977	2,393									13,370	
80		2	Design	Thickeners 1 and 2 Rehabilitation	3,432	0	275	2,210	947							3,432												3,432
80		3		Thickeners 3 and 4 Rehabilitation											638	638	3,070										3,708	
80		1	Design	WAS Thickeners	27,744	1,335	50	1,305	7,516	10,022	7,516					26,409												26,409
Total for TREATMENT PLANT					540,393	105,757	58,006	104,691	126,778	92,341	59,907	40,342	28,255	35,939	42,718	41,367	630,345	29,122	19,275	27,584	36,505	68,856	40,311	41,032	120,144	153,148	105,621	1,271,944
Total Priority 1 Treatment Plant					496,232	101,128	51,550	97,784	105,269	71,167	42,671	24,752	3,661	0	1,050	0	397,904	0	1,182	4,833	6,083	0	0	1,350	0	0	0	411,352
Total Priority 2 Treatment Plant					44,161	4,629	6,456	6,907	21,375	19,929	17,236	15,590	24,594	35,939	41,668	38,675	228,370	18,930	10,420	17,873	29,862	63,134	30,063	8,728	37,295	28,200	16,449	489,325
Total Priority 3 Treatment Plant					0	0	0	0	134	1,245	0	0	0	0	0	2,692	4,071	10,192	7,673	4,878	560	5,722	10,248	30,954	82,849	124,948	89,172	371,267
Total Fund 80 - Treatment Plant					353,266	73,222	37,695	70,438	84,770	63,477	41,934	21,314	21,780	31,148	36,005	36,582	445,144	26,179	17,759	20,676	23,172	46,004	28,540	24,880	77,341	81,594	56,495	847,783
Total Fund 90 - Treatment Plant					187,127	32,535	20,311	34,253	42,008	28,864	17,973	19,028	6,475	4,791	6,713	4,785	185,201	2,943	1,516	6,908	13,334	22,853	11,771	16,152	42,803	71,554	49,126	424,160

**Union Sanitary District
Draft FY 2025 - FY 2044 CIP Budget
(All Figures x \$1,000)**

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	10-Year Total	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	FY 43	FY 44	20-Year Total	
				Administrative Facilities	114,652	63,828	28,612	8,731	11,932	5,429	925	342	1,023	365	421	1,211	58,991	6,213	20,681	21,977	1,389	10,169	473	207	774	207	538	121,619	
				Collection System	5,413	113	1,257	7,448	4,484	3,950	3,691	4,068	3,500	1,993	1,014	2,127	33,532	1,082	2,270	1,155	2,422	1,232	2,584	1,315	2,758	1,403	2,943	52,696	
				Transport System	40,109	1,931	7,258	12,193	12,748	9,002	10,278	10,278	250	350	1,140	1,430	64,927	5,556	8,622	10,659	27,609	18,569	14,011	28,357	30,391	250	250	209,201	
				Treatment Plant	540,393	105,757	58,006	104,691	126,778	92,341	59,907	40,342	28,255	35,939	42,718	41,367	630,345	29,122	19,275	27,584	36,505	68,856	40,311	41,032	120,144	153,148	105,621	1,271,944	
				GRAND TOTAL	700,567	171,629	95,133	133,063	155,942	110,722	74,801	55,030	33,028	38,647	45,293	46,135	787,795	41,973	50,848	61,375	67,925	98,826	57,379	70,911	154,067	155,008	109,352	1,655,460	
				R&R (Fund 80) Total	493,481	138,412	71,966	92,747	107,510	76,757	51,814	30,988	26,145	33,806	38,135	40,760	570,629	36,377	43,416	43,610	29,914	67,971	44,865	46,843	102,196	83,454	60,226	1,129,500	
				Capacity (Fund 90) Total	207,086	33,217	23,167	40,316	48,432	33,965	22,987	24,042	6,883	4,841	7,158	5,375	217,166	5,596	7,432	17,765	38,012	30,856	12,514	24,068	51,871	71,554	49,126	525,959	
				Priority 1																									
				Administrative Facilities	102,184	63,777	27,970	5,513	5,140	0	0	0	0	0	0	0	38,623	0	0	0	0	0	0	0	0	0	0	38,623	
				Collection System	2,583	0	455	5,428	3,650	2,200	2,800	2,200	2,550	0	0	0	19,283	0	0	0	0	0	0	0	0	0	0	19,283	
				Transport System	25,391	627	3,938	5,604	10,148	5,074	0	0	0	0	0	0	24,764	0	0	0	0	0	0	0	0	0	0	0	24,764
				Treatment Plant	496,232	101,128	51,550	97,784	105,269	71,167	42,671	24,752	3,661	0	1,050	0	397,904	0	1,182	4,833	6,083	0	0	1,350	0	0	0	411,352	
				Total Priority 1 Projects	626,390	165,532	83,913	114,329	124,207	78,441	45,471	26,952	6,211	0	1,050	0	480,574	0	1,182	4,833	6,083	0	0	1,350	0	0	0	494,022	
				Priority 2																									
				Administrative Facilities	12,468	51	642	3,218	6,792	5,429	150	342	816	365	214	1,211	19,179	822	809	1,898	1,389	9,962	473	0	774	0	538	35,844	
				Collection System	2,830	113	802	2,020	834	1,750	891	1,868	950	1,993	1,014	2,127	14,249	1,082	2,270	1,155	2,422	1,232	2,584	1,315	2,758	1,403	2,943	33,413	
				Transport System	14,718	1,304	3,320	6,339	2,350	3,678	10,028	10,028	0	0	0	0	35,743	0	3,066	9,407	21,951	1,536	0	9,148	11,182	0	0	92,033	
				Treatment Plant	44,161	4,629	6,456	6,907	21,375	19,929	17,236	15,590	24,594	35,939	41,668	38,675	228,370	18,930	10,420	17,873	29,862	63,134	30,063	8,728	37,295	28,200	16,449	489,325	
				Total Priority 2 Projects	74,177	6,097	11,220	18,484	31,351	30,786	28,305	27,828	26,360	38,297	42,896	42,013	297,541	20,834	16,565	30,333	55,624	75,864	33,120	19,191	52,009	29,603	19,930	650,614	
				Priority 3																									
				Administrative Facilities	0	0	0	0	0	0	775	0	207	0	207	0	1,189	5,391	19,872	20,079	0	207	0	207	0	207	0	47,152	
				Collection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Transport System	0	0	0	250	250	250	250	250	250	350	1,140	1,430	4,420	5,556	5,556	1,252	5,658	17,033	14,011	19,209	19,209	250	250	92,404	
				Treatment Plant	0	0	0	0	134	1,245	0	0	0	0	0	2,692	4,071	10,192	7,673	4,878	560	5,722	10,248	30,954	82,849	124,948	89,172	371,267	
				Total Priority 3 Projects	0	0	0	250	384	1,495	1,025	250	457	350	1,347	4,122	9,680	21,139	33,101	26,209	6,218	22,962	24,259	50,370	102,058	125,405	89,422	510,823	

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 24, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #13**

TITLE: Consider an Amended and Restated Interfund Loan and Repayment Agreement to Increase the Capacity Fund 90 Loan from \$50 Million to \$71 Million and Make Other Modifications *(to be reviewed by the Budget & Finance Committee)* **(Motion Item)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, CFO, Work Group Manager
Karen Murphy, District Legal Counsel

Recommendation

Approve and authorize execution of an Amended and Restated Interfund Loan and Repayment Agreement to increase the Capacity Fund interfund loan from \$50 million to \$71 million and make other minor modifications.

Discussion

In February 2024, the Board approved and authorized a loan of up to \$50 million from Capacity Fund 90 to Fund 80 for a period not to exceed 4 years and 4 months. The purpose of the interfund loan is to bridge the ETSU funding gap until the WIFIA proceeds are available in March of 2028. The second component required to bridge this funding gap was to issue 4-year interim notes in October 2024, that along with the Capacity interfund loan, would be repaid with WIFIA funds.

At a special Board meeting, held on June 11th, staff presented a funding proposal to the Board that would delay the 4-year interim note issuance from October 2024 to February 2025. This change in issuance dates would allow the District the potential to retain approximately \$3.3 million in additional arbitrage earnings on the issuance for an estimated total interest earnings of \$6,709,446. The Board agreed with this funding strategy. In order to implement this strategy the interfund loan must also be increased from \$50 million to \$71 million. These funds would bridge the ETSU funding gap between June of 2024 and February of 2025, when the 4-year interim notes are issued. The \$71 million interfund loan would be repaid from fund 80 that will receive proceeds from the 4-year Interim notes along with the interest.

The attached Amended and Restated Interfund Loan and Repayment Agreement has been prepared to amend the original agreement as follows:

- Increases the borrowing limit from \$50 million to \$71 million.
- To clarify that the interfund loan, once repaid, may be drawn upon again during the approved

loan period which ends 01/31/30, and

Staff is asking the Board to consider approving the proposed Amended and Restated Interfund Loan Agreement.

Background

The Board met in a special Board meeting on June 11, 2024 to discuss the above proposed changes to the Interfund Loan and Repayment Agreement.

Previous Board Action

2/12/24 – The Board approved and authorized an interfund loan of up to \$50 million from Capacity Fund 90 to Fund 80.

Attachments

1. Amended and Restated Interfund Loan and Repayment Agreement Amendment June 2024
Cleanline Version
2. Amended and Restated Interfund Loan and Repayment Agreement Amendment June 2024
Redline Version

AMENDED AND RESTATED INTERFUND LOAN AND REPAYMENT AGREEMENT

BETWEEN
UNION SANITARY DISTRICT FUND 80
AND
UNION SANITARY DISTRICT CAPACITY FUND 90

This **Amended and Restated Interfund Loan and Repayment Agreement** (“Amended and Restated Agreement”), is dated as of _____, and amends and restates the Interfund Loan and Repayment Agreement dated February 12, 2024 that documents the loan between the Union Sanitary District Fund 80 (“Borrower”) and the Union Sanitary District Capacity Fund 90 (“Lender”). Lender shall lend to Borrower, and Borrower shall repay to Lender, an amount not to exceed the Principal Loan Amount, as defined below, and interest accrued on the unpaid loan balance, in accordance with the following terms and conditions (“Loan”):

1. Purpose of the Loan. The purpose of the Loan is to provide interim funding for the Enhanced Treatment & Site Upgrades (ETSU) program. The Loan shall account for borrowing between Fund 80 and the Capacity Fund 90 and shall not be available for appropriation or be considered revenue to Borrower.
2. Principal Loan Amount. The Loan shall be in an amount not to exceed seventy one million dollars (\$71,000,000) (“Principal Loan Amount”). The Loan will be recorded as an interfund receivable to Lender and interfund payable to Borrower. The funds shall be available to be drawn over a period not to exceed 5 years, 8 months. During the term of this Amended and Restated Agreement, the Loan may be repaid and drawn again up to the Principal Loan Amount.
3. Term of the Loan. This Amended and Restated Agreement shall be in full force and effect for a period beginning as of 07/01/2024 and continue until repayment is satisfied in full accordance with the terms of this Agreement, no later than 01/31/2030.
4. Rate of Interest. The Loan interest rate shall be calculated monthly using a rate equal to the month’s average investment return on all District wide funds, except for restricted bond funds.
5. Repayment Terms. Interest shall be paid monthly, no later than 20 days after the end of the period. The payment of principal plus any outstanding interest thereon shall be made no later than 06/30/2028. The Loan may be repaid without penalty at any time by fully paying and transferring the remaining balance of principal and interest current to the date of repayment to the Capacity Fund 90.
6. Termination of Agreement. This Amended and Restated Agreement shall expire January 31, 2030. .
7. Amendment and Restatement. This Amended and Restated Agreement amends and restates the Original Agreement in its entirety. The Original Agreement is of no further force and effect.

8. General Provisions. This Amended and Restated Agreement constitutes the full agreement regarding the Loan. This Agreement may not be amended, modified, or altered in any respect unless such amendment, modification or alteration has been approved by the Union Sanitary District Board of Directors.

IN WITNESS WHEREOF, the General Manager of the Union Sanitary District, as authorized by minute order of the Board of Directors, executes this Amended and Restated Agreement, and the Chief Financial Officer attests to the Loan in the Principal Loan Amount.

Paul R. Eldredge, P.E.
General Manager
District Engineer

Mark Carlson
Business Service Workgroup Manager
Chief Financial Officer

Karen W. Murphy
General Counsel

AMENDED AND RESTATED INTERFUND LOAN AND REPAYMENT AGREEMENT

BETWEEN
UNION SANITARY DISTRICT FUND 80
AND
UNION SANITARY DISTRICT CAPACITY FUND 90

This **Amended and Restated** Interfund Loan and Repayment Agreement (“**Amended and Restated** Agreement”), is dated as of _____, and **amends and restates the Interfund Loan and Repayment Agreement dated February 12, 2024** that documents the loan between the Union Sanitary District Fund 80 (“Borrower”) and the Union Sanitary District Capacity Fund 90 (“Lender”). Lender shall lend to Borrower, and Borrower shall repay to Lender, an amount not to exceed the Principal Loan Amount, as defined below, and interest accrued on the unpaid loan balance, in accordance with the following terms and conditions (“Loan”):

1. **Purpose of the Loan.** The purpose of the Loan is to provide interim funding for the Enhanced Treatment & Site Upgrades (ETSU) program. The Loan shall account for borrowing between Fund 80 and the Capacity Fund 90 and shall not be available for appropriation or be considered revenue to Borrower.
2. **Principal Loan Amount.** The Loan shall be in an amount not to exceed seventy one fifty million dollars (\$~~7150~~,000,000) (“Principal Loan Amount”). The Loan will be recorded as an interfund receivable to Lender and interfund payable to Borrower. The funds shall be available to be drawn over a period not to exceed 54 years, 84 months. During the loan period term of this Amended and Restated Agreement, funds the Loan may be repaid and drawn again up to the approved-Principal Loan Amount.
3. **Term of the Loan.** This **Amended and Restated** Agreement shall be in full force and effect for a period beginning as of 073/01/2024 and continue until repayment is satisfied in full accordance with the terms of this Agreement, no later than 016/319/203028.
4. **Rate of Interest.** The ~~interfund~~ Loan interest rate shall be calculated monthly using a rate equal to the periods-month’s average investment return on all District wide funds, except for restricted bond funds.
5. **Repayment Terms.** Interest shall be paid monthly, no later than 20 days after the end of the period. The payment of principal plus any outstanding interest thereon shall be made no later than 06/30/2028. The Loan may be repaid without penalty at any time by fully paying and transferring the remaining balance of principal and interest current to the date of repayment to the Capacity Fund 90.
6. **Termination of Agreement.** This **Amended and Restated** Agreement shall expire -January one 310, 20302806/30/2028. when the Loan is repaid in full.
7. **Amendment and Restatement.** This Amended and Restated Agreement amends and

restates the Original Agreement in its entirety. The Original Agreement is of no further force and effect.

7.8. General Provisions. This Amended and Restated Agreement constitutes the full agreement regarding the Loan. This Agreement may not be amended, modified, or altered in any respect unless such amendment, modification or alteration has been approved by the Union Sanitary District Board of Directors.

[signatures follow on next page]

IN WITNESS WHEREOF, the General Manager of the Union Sanitary District, as authorized by minute order of the Board of Directors, executes this Amended and Restated Agreement, and the Chief Financial Officer attests to the Loan in the Principal Loan Amount.

Paul R. Eldredge, P.E.
General Manager
District Engineer

Mark Carlson
Business Service Workgroup Manager
Chief Financial Officer

Karen W. Murphy
General Counsel

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 24, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #14**

TITLE: **Receive Information and Provide Direction Regarding Logistics for Board Vacancy Recruitment Process (*Direction Item*)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Karen Murphy, General Counsel
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

Recommendation

Receive information and provide direction regarding logistics for the Board vacancy recruitment process.

Discussion

The Board recently directed staff to proceed with the appointment process to fill the current vacancy on the Board. Pursuant to Board direction, staff posted the Notice of Vacancy and provided an application to persons that have expressed an interest in the position. Applications were due by June 17, 2024, at 5 pm.

As discussed by the Board, interviews will take place on June 25, June 27, and July 8 at 4 pm.

This agenda item provides an opportunity for the Board to receive additional information on the interview schedule and process and discuss logistics.

Background

Director Tom Handley, representing Ward 3, Fremont, passed away on May 16, 2024, and there is currently a vacancy on the Board.

Previous Board Action

5/29/2024 Board Meeting – The Board directed staff to proceed with the appointment process to fill the vacancy on the Board and provided direction on interview dates, vacancy notice, and application.

Attachments

None



**Summary of the EBDA Commission Meeting
Thursday, May 16, 2024, at 4:00 p.m.**

- Commissioners Andrews, Azevedo, Johnson, Lathi, and Simon, were present. This meeting was conducted at the Oro Loma Sanitary District, 2655 Grant Avenue, San Lorenzo, CA 94580.
- Commissioner Andrews moved to approve the Commission Meeting Minutes of April 18, 2024, the List of Disbursements for April 2024, the Treasurer’s Report for April 2024, and the Third Quarter Expense Summary for Fiscal Year 2023/2024. The motion was seconded by Commissioner Johnson and carried 5-0, by roll call vote.

Ayes: Andrews, Azevedo, Lathi, Simon, Johnson
Noes: None
Absent: None
Abstain: None

- The Commission unanimously approved the reports from the Regulatory Affairs, Financial Management, Operations & Maintenance, and Personnel Committees. The following items were discussed:
- **General Managers Report**
The General Manager (GM) discussed proposed federal PFAS legislation HR 7944, Water Systems PFAS Liability Protection Act. The legislation protects the water and wastewater sector from PFAS liability.

The Operations and Maintenance Manager recognized Jeff Schier for his dedication to the EBDA Oro Loma Effluent Pump Station during his tenure with Oro Loma Sanitary District. The Commission extended thanks and congratulated Jeff on his retirement.

- **Managers Advisory Committee**
The GM deferred the MAC report to topics covered under the Regulatory Affairs Committee.
- **Regulatory Affairs Committee**
The GM reported on the May 13, 2024, meeting of the Regulatory Affairs Committee. The GM discussed the statewide wastewater air toxics pooled emissions study and then provided an update on the nutrients watershed permit negotiations. The Regulatory Affairs Committee supports the multi-year agreement with Azyura.
- **Motion Authorizing the General Manager to Execute an Agreement with Azyura for Waterbits Licensing and Reporting Services for FY 2024/2025 through FY 2026/2027 in the Amount of \$98,130**
Commissioner Simon moved to approve the item. The motion was seconded by Commissioner Johnson and carried with the following roll call vote:

Ayes: Andrews, Simon, Johnson, Azevedo, Lathi

Noes: None
Absent: None
Abstain: None

- **Financial Management Committee**

The GM reported on the May 15, 2024, meeting of the Financial Management Committee. The GM reviewed FY 2023/2024 Third Quarter Expense reports and FY 2024/2025 Budget. The Financial Management Committee recommends adoption of the FY 2024/2025 Budget.

- **Resolution Adopting the East Bay Dischargers Authority's Fiscal Year 2024.2025 Budget**

Commissioner Andrews moved to approve the item. The motion was seconded by Commissioner Simon and carried with the following roll call vote:

Ayes: Andrews, Simon, Johnson, Azevedo, Lathi
Noes: None
Absent: None
Abstain: None

- **Operations and Maintenance Committee**

The Operations and Maintenance (O&M) Manager and GM reported on the May 14, 2024, meeting. The O&M Manager provided project updates on the Hayward Effluent Pump Station (HEPS) Pump Replacement Project and the Pond 3 Valve Actuator Replacement. The O&M Manager then discussed projects at the Marina Dechlorination Facility. The Commission asked staff to consider beautification projects on the facility's south side. The GM provided an update on the Cargill project. Lastly, the Commission discussed the energy rate plans available to EBDA and directed staff to keep the Renewable 100 plan for all three facilities.

- **Personnel Committee**

The GM reported on the May 14, 2024, meeting and discussed retiree medical benefit options. The Personnel Committee supports the staff recommendation. The Commission discussed the GM's performance review template.

- **Resolution of Appreciation for Deborah A. Quinn**

The Commission expressed its appreciation to Deborah Quinn for the many years of service. Commissioner Andrews moved to approve the item. The motion was seconded by Commissioner Simon and carried with the following roll call vote:

Ayes: Andrews, Simon, Johnson, Azevedo, Lathi
Noes: None
Absent: None
Abstain: None

- **Items from Commission and Staff**

Commissioner Simon thanked the group for their cooperative efforts and efficient work.

- **Adjournment**

Chair Lathi adjourned the meeting at 5:17 p.m.

**UNION SANITARY DISTRICT
CHECK REGISTER
06/01/2024-06/14/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187720	6/13/2024	114	800532.24	W.M. LYLES CO	MP - AERATION BASIN MODIFICATIONS	\$2,285,261.91	\$2,285,261.91
187629	6/6/2024	114	2011800439	HAZEN AND SAWYER	ETSU PHASE 1B PROJECT	\$209,060.06	\$348,778.94
	6/6/2024	114	2011801026		MP - AERATION BASIN MODIFICATIONS	\$51,188.37	
	6/6/2024	114	2011801121		CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$88,530.51	
187706	6/13/2024	143	208206	PSOMAS CORP	STANDBY POWER SYSTEM UPGRADE	\$73,004.61	\$344,704.63
	6/13/2024	114	208383		AERATION BASIN MODIFICATIONS (0532) & CAMPUS BUILDING (0545)	\$243,038.32	
	6/13/2024	114	208492		ETSU PHASE 1B PROJECT	\$971.50	
	6/13/2024	143	208725		PLANT MISCELLANEOUS IMPROVEMENTS	\$27,690.20	
187617	6/6/2024	143	800575.2	CRATUS INC	FORCE MAIN CORROSION REPAIRS - PHASE 4	\$226,074.84	\$226,074.84
187702	6/13/2024	110	170120240524	PACIFIC GAS AND ELECTRIC	SERV TO 04/21/2024 PLANT	\$94,837.09	\$178,340.13
	6/13/2024	110	170120240531		SERV TO 05/20/2024 PLANT	\$83,503.04	
187723	6/13/2024	114	800545.19E	ZOVICH CONSTRUCTION	CAMPUS BUILDINGS (ADMIN, FMC, OPS) - ESCROW	\$144,778.36	\$144,778.36
187721	6/13/2024	114	800532.24E	W.M. LYLES CO	MP - AERATION BASIN MODIFICATIONS - ESCROW	\$120,276.94	\$120,276.94
187671	6/13/2024	143	23102900.1	CONSOR NORTH AMERICA INC	FORCE MAIN CORROSION REPAIRS - PHASE 4	\$75,465.84	\$75,465.84
187683	6/13/2024	110	961265	HASA INC	4900.5 GALS SODIUM HYPOCHLORITE	\$15,467.82	\$60,370.73
	6/13/2024	110	961950		4910 GALS SODIUM HYPOCHLORITE	\$15,497.80	
	6/13/2024	110	962247		4646.1 GALS SODIUM HYPOCHLORITE	\$14,664.84	
	6/13/2024	110	962992		4670 GALS SODIUM HYPOCHLORITE	\$14,740.27	

**UNION SANITARY DISTRICT
CHECK REGISTER
06/01/2024-06/14/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187628	6/6/2024	110	959581	HASA INC	4782.3 GALS SODIUM HYPOCHLORITE	\$15,094.74	\$44,806.02
	6/6/2024	110	960972		4709 GALS SODIUM HYPOCHLORITE	\$14,863.37	
	6/6/2024	110	960986		4704.1 GALS SODIUM HYPOCHLORITE	\$14,847.91	
187656	6/13/2024	114	20240605	ALAMEDA COUNTY TREASURER	ACFC & WCD FEE ACQUISTION & TEMP CONST EASEMENT	\$35,100.00	\$40,200.00
	6/13/2024	114	20240605.1		ACFC & WCD TEMP CONSTRUCTION EASEMENT	\$5,100.00	
187637	6/6/2024	123	3103020	LMK TECHNOLOGIES LLC	ASTD TRAILER PARTS	\$23,463.03	\$23,463.03
187648	6/6/2024	143	2404016	SIEGEL & STRAIN ARCHITECTS	FIELD OPERATIONS BUILDING IMPROVEMENTS	\$21,677.13	\$21,677.13
187690	6/13/2024	110	9017837519	KEMIRA WATER SOLUTIONS INC	46,940 LBS FERROUS CHLORIDE	\$11,280.92	\$21,086.09
	6/13/2024	110	9017838310		47,680 LBS FERROUS CHLORIDE	\$9,805.17	
187634	6/6/2024	110	9017836957	KEMIRA WATER SOLUTIONS INC	46,140 LBS FERROUS CHLORIDE	\$11,025.50	\$21,071.89
	6/6/2024	110	9017837317		46,800 LBS FERROUS CHLORIDE	\$10,046.39	
187615	6/6/2024	143	11520456	BROWN & CALDWELL CONSULTANTS	STANDBY POWER SYSTEM UPGRADE	\$6,000.27	\$20,783.88
	6/6/2024	143	11520457		STANDBY POWER SYSTEM UPGRADE	\$14,783.61	
187716	6/13/2024	110	470018752	USP TECHNOLOGIES	4132 GALS HYDROGEN PEROXIDE	\$19,503.04	\$19,503.04
187715	6/13/2024		533620240522	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL-CARD REPORT - MAY 2024	\$19,419.88	\$19,419.88

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187667	6/13/2024	173	24389	CDW GOVERNMENT LLC	JAN/FEB 2024 AZURE USAGE	\$1,675.79	\$16,223.30
	6/13/2024	173	28744		BACKUP SOFTWARE RENEWAL	\$13,205.00	
	6/13/2024	173	4778		5 USER BLUEBEAM RENEWAL	\$665.00	
	6/13/2024	173	83173		WEST AERATION BLOWER SWITCHES V2	\$145.09	
	6/13/2024	173	83177		FIBER VFL EQUIPM	\$532.42	
187692	6/13/2024	123	3103097	LMK TECHNOLOGIES LLC	ASTD TRAILER PARTS	\$14,219.95	\$14,219.95
187676	6/13/2024	110	1427217	DEPARTMENT OF GENERAL SERVICES	SERV: APR 2024 PLANT	\$12,836.04	\$12,836.04
187703	6/13/2024	110	1835137	POLYDYNE INC	42,080 LBS CLARIFLOC WE-539	\$11,650.90	\$11,650.90
187698	6/13/2024	143	800590R	MCGUIRE & HESTER	EAST WARREN AVENUE SS REPLACEMENT	\$10,978.96	\$10,978.96
187626	6/6/2024	173	183778	GRANICUS LLC	PERMIT TRACKING SYSTEM 03/24/24 - 03/26/25	\$10,350.00	\$10,350.00
187691	6/13/2024		37432220240601	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - JUN 2024	\$9,658.55	\$9,658.55
187663	6/13/2024	122	35438	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - TREE SERVICES	\$2,925.00	\$8,775.00
	6/13/2024	122	35694		LANDSCAPE MAINTENANCE SERVICES - TREE SERVICES	\$2,925.00	
	6/13/2024	122	36463		LANDSCAPE MAINTENANCE SERVICES - TREE SERVICES	\$2,925.00	
187608	6/6/2024	110	4071036120240520	ALAMEDA COUNTY WATER DISTRICT	SERV TO:05/17/24-BENSON ROAD	\$7,424.39	\$7,895.63
	6/6/2024	120	4071037120240521		SERV TO: 05/17/24-BENSON ROAD	\$311.45	
	6/6/2024	110	4071038120240521		SERV TO: 05/17/24-BENSON ROAD	\$159.79	
187670	6/13/2024	110	20241216	COMPACTOR MANAGEMENT COMPANY	HAULING AND DISPOSAL OF SEWER DEBRIS	\$7,559.20	\$7,559.20
187705	6/13/2024	143	157969	PRO SAFETY & RESCUE INC	AIVB CONFINED SPACE RESCUE TEAM	\$6,696.00	\$6,696.00

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187658	6/13/2024		48296	AMERICAN EAGLE PLUMBING & CON	REFUND # 62162	\$3,300.00	\$6,600.00
	6/13/2024		48352		REFUND # 62158	\$3,300.00	
187631	6/6/2024	144	116	STEPHANIE HUGHES, CHE P.E.	CONSULTING SERVICES	\$5,793.75	\$5,793.75
187712	6/13/2024	170	1658	TRUE BLUE AUTOMATION SERVICES	IPS/ NPS VFD SERVICE	\$5,500.00	\$5,500.00
187666	6/13/2024		3896	CAL SANITATION RISK MNGT AUTH	CLAIM: CHEN FILE# 3056915	\$5,073.30	\$5,073.30
187618	6/6/2024		33782	EAST BAY REGIONAL PARK DISTRIC	REFUND # 62139	\$5,000.00	\$5,000.00
187614	6/6/2024	122	36484	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - TREE SERVICES	\$4,659.00	\$4,659.00
187625	6/6/2024	114	9087039500	GRAINGER INC	ASTD PARTS & MATERIALS	\$1,510.42	\$4,449.41
	6/6/2024	111	9102996676		ASTD PARTS & MATERIALS	\$59.54	
	6/6/2024	120	9103896552		ASTD PARTS & MATERIALS	\$60.98	
	6/6/2024	170	9103954021		ASTD PARTS & MATERIALS	\$352.89	
	6/6/2024		9104111753		ASTD PARTS & MATERIALS	\$1,770.70	
	6/6/2024		9104423273		ASTD PARTS & MATERIALS	\$101.01	
	6/6/2024		9105571021		ASTD PARTS & MATERIALS	\$144.86	
	6/6/2024	170	9105785209		ASTD PARTS & MATERIALS	\$79.91	
	6/6/2024	170	9106380513		ASTD PARTS & MATERIALS	\$114.30	
	6/6/2024	170	9106544274		ASTD PARTS & MATERIALS	\$91.25	
	6/6/2024	122	9106708739		ASTD PARTS & MATERIALS	\$48.76	
	6/6/2024		9106955652		ASTD PARTS & MATERIALS	\$114.79	

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187616	6/6/2024	113	719315	CALTEST ANALYTICAL LABORATORY	1 LAB SAMPLE ANALYSIS	\$46.92	\$4,141.72
	6/6/2024	113	719653		15 LAB SAMPLE ANALYSIS	\$2,594.28	
	6/6/2024	113	719752		16 LAB SAMPLE ANALYSIS	\$1,500.52	
187632	6/6/2024		9958	JANT LLC	REFUND # 62142	\$4,030.00	\$4,030.00
187681	6/13/2024	122	9103805561	GRAINGER INC	ASTD PARTS & MATERIALS	\$15.40	\$3,761.75
	6/13/2024	170	9109170820		ASTD PARTS & MATERIALS	\$38.93	
	6/13/2024	170	9109768698		ASTD PARTS & MATERIALS	\$74.60	
	6/13/2024	170	9109924192		ASTD PARTS & MATERIALS	\$4.17	
	6/13/2024	170	9110986420		ASTD PARTS & MATERIALS	\$7.84	
	6/13/2024		9111379401		ASTD PARTS & MATERIALS	\$3,157.08	
	6/13/2024	170	9113997234		ASTD PARTS & MATERIALS	\$37.92	
	6/13/2024	170	9114584106		ASTD PARTS & MATERIALS	\$425.81	
187707	6/13/2024	120	916005671564	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - JUN 2024	\$3,598.46	\$3,598.46
187668	6/13/2024	122	2945	COELHO'S BODY REPAIR & AUTO	REPAIR TRUCK CAB	\$3,592.91	\$3,592.91
187611	6/6/2024		21741293	AT&T	SERV: 04/20/24 - 05/19/24	\$29.12	\$3,574.54
	6/6/2024		21741295		SERV: 04/20/24 - 05/19/24	\$3,289.38	
	6/6/2024		21741317		SERV: 04/20/24 - 05/19/24	\$256.04	
187662	6/13/2024	170	157408	BABBITT BEARING CO INC	MOYNO ROTOR SHAFTS	\$3,531.25	\$3,531.25

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187633	6/6/2024	110	5602470284	KELLY SERVICES INC	TEMP LABOR-CAVIN, S WK ENDING 05/05/24	\$1,753.50	\$3,507.00
	6/6/2024	110	5602532313		TEMP LABOR-CAVIN, S WK ENDING 05/12/24	\$1,753.50	
187679	6/13/2024		29268	FREMONT BANK	REFUND # 62163	\$3,400.00	\$3,400.00
187638	6/6/2024	113	2404L99A	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$75.00	\$3,335.00
	6/6/2024	113	2405097		LAB SAMPLE ANALYSIS	\$1,653.00	
	6/6/2024	113	2405345		LAB SAMPLE ANALYSIS	\$1,148.00	
	6/6/2024	113	2405613		LAB SAMPLE ANALYSIS	\$403.00	
	6/6/2024	113	2405614		LAB SAMPLE ANALYSIS	\$56.00	
187641	6/6/2024	170	2401059501	MOTION INDUSTRIES INC	ASTD PARTS & MATERIALS	\$3,059.01	\$3,226.42
	6/6/2024	170	2401059587		ASTD PARTS & MATERIALS	\$167.41	
187645	6/6/2024		4147	REPCOR	7 PIPE PATCH WINTER	\$3,093.25	\$3,093.25
187695	6/13/2024		20240613	NOAH LUNDY	COMPUTER NOTE	\$3,024.29	\$3,024.29
187652	6/6/2024		5180331681	VESTIS SERVICES, LLC	UNIFORM LAUNDERING & RUGS	\$678.62	\$2,929.14
	6/6/2024		5180334065		UNIFORM LAUNDERING & RUGS	\$493.31	
	6/6/2024		5180336517		UNIFORM LAUNDERING & RUGS	\$598.68	
	6/6/2024		5180338946		UNIFORM LAUNDERING & RUGS	\$581.63	
	6/6/2024		5180338947		UNIFORM LAUNDERING SERVICE	\$576.90	
187717	6/13/2024		9964682693	VERIZON WIRELESS	WIRELESS SERV 04/21/24-05/20/24	\$2,797.19	\$2,797.19
187643	6/6/2024	170	147035	NEW IMAGE LANDSCAPING CO	NEW IMAGE LANDSCAPE CONTRACT FOR FMC	\$2,645.04	\$2,645.04

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187606	6/6/2024		20240531	AFLAC GROUP	GROUP INSURANCE - MAY 2024	\$2,542.60	\$2,542.60
187672	6/13/2024	170	43072	CRANETECH INC	NPS AND GBT CRANE PENDANT REPAIRS	\$2,527.37	\$2,527.37
187619	6/6/2024		49687	EDEN HOUSING, INC.	REFUND # 62143	\$2,500.00	\$2,500.00
187697	6/13/2024	113	2404D92C	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$105.00	\$2,481.90
	6/13/2024	113	2405097A		LAB SAMPLE ANALYSIS	\$590.40	
	6/13/2024	113	2405615		LAB SAMPLE ANALYSIS	\$582.00	
	6/13/2024	113	2405794		LAB SAMPLE ANALYSIS	\$112.00	
	6/13/2024	113	2405B28		LAB SAMPLE ANALYSIS	\$814.00	
	6/13/2024	113	2405D41		LAB SAMPLE ANALYSIS	\$278.50	
187675	6/13/2024	141	1005145	DEGENKOLB ENGINEERS	FORCEMAIN STABILIZATION AT ALAMEDA CREEK	\$2,428.75	\$2,428.75
187623	6/6/2024	170	253728	FRANK A OLSEN COMPANY	DEZURIK VALVE STOCK FOR FMC	\$2,346.34	\$2,346.34
187704	6/13/2024	122	107629	PRIME MECHANICAL SERVICE INC	SERVICE: BLDG 83 - AC5 NOT COOLING	\$582.50	\$2,202.38
	6/13/2024	170	107660		SERVICE: BLDG 78 - AC1 LEAKING WATER	\$607.88	
	6/13/2024	122	107688		SERVICE: BLDG 83 - INSTALL NEW SENSORS	\$1,012.00	
187609	6/6/2024	170	5811441001	ALAMEDA ELECTRICAL DISTR. INC.	ASTD ELECTRICAL SUPPLIES	\$482.03	\$2,061.40
	6/6/2024	170	5812426001		ASTD ELECTRICAL SUPPLIES	\$1,579.37	
187689	6/13/2024	110	5602726698	KELLY SERVICES INC	TEMP LABOR-CAVIN, S WK ENDING 05/19/24	\$1,753.50	\$1,753.50
187688	6/13/2024	123	230277	JACK DOHENY SUPPLIES INC	SERVICE: CCTV CAMERA REPAIRS	\$92.30	\$1,620.69
	6/13/2024	123	230278		SERVICE: CCTV CAMERA REPAIRS	\$1,528.39	

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187607	6/6/2024	170	9149746257	AIRGAS NCN	3 CY ARGON	\$1,342.94	\$1,342.94
187659	6/13/2024		125104	AMERICAN TEXTILE & SUPPLY INC	40 25LB RAGBALE RAGS	\$1,313.05	\$1,313.05
187669	6/13/2024	170	20240521	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$1,275.40	\$1,275.40
187699	6/13/2024		28066600	MCMaster SUPPLY INC	ASTD PARTS & MATERIALS	\$428.64	\$1,204.25
	6/13/2024	172	28226136		ASTD PARTS & MATERIALS	\$213.97	
	6/13/2024		28230909		ASTD PARTS & MATERIALS	\$561.64	
187651	6/6/2024		9964682692	VERIZON WIRELESS	WIRELESS SERV 04/21/24-05/20/24	\$1,120.34	\$1,120.34
187620	6/6/2024		14775	ENERGY CHOICE INC	ASTD COGEN PARTS	\$1,120.21	\$1,120.21
187612	6/6/2024	136	2522631232	BANK OF NEW YORK	APR 2024 SERVICE FEES	\$1,045.96	\$1,045.96
187624	6/6/2024	144	20240603	MARIAN GONZALEZ	EXP REIMB: EC TEAM SAFETY RECOGNITION	\$948.24	\$948.24
187678	6/13/2024	113	2382334	FISHER SCIENTIFIC	LAB SUPPLIES	\$924.77	\$924.77
187661	6/13/2024		7296749806	AT&T	SERV: 05/11/24 - 06/10/24	\$872.58	\$872.58
187639	6/6/2024	121	26707403	MCMaster SUPPLY INC	ASTD PARTS & MATERIALS	\$113.89	\$869.03
	6/6/2024	170	27691644		ASTD PARTS & MATERIALS	\$80.95	
	6/6/2024	122	27744324		ASTD PARTS & MATERIALS	\$503.93	
	6/6/2024		27761530		ASTD PARTS & MATERIALS	\$170.26	
187621	6/6/2024	170	906455530	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$826.01	\$826.01
187673	6/13/2024	144	3803042	DAILY JOURNAL CORPORATION	AD: EARTH DAY	\$488.24	\$800.00
	6/13/2024	144	3803047		AD: EARTH DAY	\$311.76	

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187718	6/13/2024		5180341395	VESTIS SERVICES, LLC	UNIFORM LAUNDERING SERVICE	\$652.11	\$768.07
	6/13/2024		5180341396		ASTD DUST MOPS, WET MOPS & TERRY	\$115.96	
187680	6/13/2024	122	1841100911	GOODYEAR COMM TIRE & SERV CTRS	2 TIRES	\$758.38	\$758.38
187657	6/13/2024	170	4047286120240604	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 06/03/24 - PASEO PADRE	\$63.75	\$742.20
	6/13/2024	120	4111994120240603		SERV TO: 05/31/24-MTR HYD B18105183	\$678.45	
187655	6/13/2024	110	73319	AIRSCENT INTERNATIONAL	1 SCAT28GL-BUBBLE	\$688.65	\$688.65
187719	6/13/2024		8816110195	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$509.26	\$660.10
	6/13/2024		8816114000		LAB SUPPLIES	\$135.32	
	6/13/2024	113	8816121749		LAB SUPPLIES	\$15.52	
187686	6/13/2024	113	3145912913	IDEXX DISTRIBUTION INC	ASTD LAB SUPPLIES	\$604.62	\$652.95
	6/13/2024	113	3145959132		ASTD LAB SUPPLIES	\$48.33	
187613	6/6/2024	144	198921	BAY CENTRAL PRINTING	1000 - PROPPER COPPER PIPE INSTALLATION BROCHURES	\$636.81	\$636.81
187644	6/6/2024	141	1331328	QUADIENT INC	QUARTERLY LEASE FOR NEW POSTAGE MACHINE & ADD ONS, INC E-C	\$588.72	\$588.72
187700	6/13/2024	122	8352	MORSE HYDRAULICS USA LLC	ASTD PARTS & MATERIALS	\$547.62	\$547.62
187653	6/6/2024		8816064356	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$336.06	\$529.35
	6/6/2024	113	8816083829		LAB SUPPLIES	\$193.29	
187646	6/6/2024		50783	ROOTER HERO	REFUND # 62137	\$500.00	\$500.00
187660	6/13/2024		49615	ARS - RESCUE ROOTER BAY AREA E	REFUND # 62068	\$500.00	\$500.00
187649	6/6/2024	173	20240530	RUFUS TAI	EXP REIMB: CEH MEMBERSHIP	\$480.00	\$480.00

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187714	6/13/2024	136	98XW53204	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 05/18/24	\$472.48	\$472.48
187664	6/13/2024		27861600	BECK'S SHOES	SAFETY SHOES: J. WANG/M. TATAKAMOTONGA	\$450.00	\$450.00
187722	6/13/2024	121	53686	WECO INDUSTRIES LLC	SMALL TRUCK/CAMERA REPAIRS & PARTS	\$449.52	\$449.52
187642	6/6/2024	170	247781	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$435.65	\$435.65
187694	6/13/2024		528900	LUBRICATION ENGINEERS INC	GREASE	\$433.40	\$433.40
187677	6/13/2024	170	906481010	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$404.97	\$404.97
187696	6/13/2024	170	771110915	MATHESON TRI-GAS INC	MONTHLY CYLINDER RENTAL - APR 2024	\$344.52	\$344.52
187684	6/13/2024	120	605482918	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$327.20	\$327.20
187682	6/13/2024		3U0173	HARRINGTON INDUSTRIAL PLASTICS	ASTD PARTS & MATERIALS	\$301.48	\$301.48
187635	6/6/2024	111	20240604	JUSTIN LAURENCE	EXP REIMB: 4TH QTR SAFETY RECOGNITION	\$63.53	\$288.19
	6/6/2024	111	20240604.1		EXP REIMB: 1ST, 2ND 3RD QTR SAFETY RECOGNITION	\$224.66	
187650	6/6/2024	136	98XW53194	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 05/11/24	\$284.20	\$284.20
187687	6/13/2024	173	6086618	INTRADO LIFE & SAFETY INC	E911 ANNUAL SUBSCRIPTION	\$268.75	\$268.75
187636	6/6/2024	110	20240529	MARCUS LEE	EXP REIMB: RECOGNITION MEAL	\$130.00	\$256.29
	6/6/2024	110	20240529.1		EXP REIMB: DISTRICT WIDE RECOGNITION MEAL MAKEUP	\$126.29	
187610	6/6/2024	170	5308418	ALL INDUSTRIAL ELECTRIC SUPPLY	ASTD PARTS & MATERIALS	\$250.68	\$250.68
187701	6/13/2024	120	20240530	SHAWN NESGIS	EXP REIMB: ANNUAL COMMERCIAL DRIVER MEDICAL EXAM	\$90.00	\$235.25
	6/13/2024	120	20240612		EXP REIMB: LUNCH FOR LMK STUBBY TRAINING	\$145.25	
187640	6/6/2024	122	8264	MORSE HYDRAULICS USA LLC	ASTD PARTS & MATERIALS	\$222.57	\$222.57

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187665	6/13/2024	110	18853860	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$174.66	\$201.19
	6/13/2024	170	18873030		ASTD OFFICE SUPPLIES	\$10.47	
	6/13/2024	170	18873031		ASTD OFFICE SUPPLIES	\$16.06	
187711	6/13/2024	173	20240611	RUFUS TAI	EXP REIMB: CISCO MEDELING LABS	\$199.00	\$199.00
187627	6/6/2024	170	181327	HANIGAN COMPANY INC	BUSINESS CARDS - E. TATOLA & S. NOEGEL	\$91.46	\$182.92
	6/6/2024	113	181328		BUSINESS CARDS - G. CALANOG & C. GRAIG	\$91.46	
187710	6/13/2024	141	20240531	SPOK INC	JUN 2024 PAGER SERVICE	\$166.58	\$166.58
187685	6/13/2024		768520240528	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - MAY 2024	\$154.06	\$154.06
187647	6/6/2024	172	20240530	GERARDO RUIZ	EXP REIMB: MILEAGE FOR CALL OUT	\$70.00	\$140.00
	6/6/2024	172	20240530.1		EXP REIMB: MILEAGE FOR CALL OUT	\$70.00	
187674	6/13/2024	111	20240612	MANUEL DE AVILA DIAZ	EXP REIMB: SAFETY RECOGNITION MEAL	\$120.50	\$120.50
187622	6/6/2024	130	29446	FIELDMAN ROLAPP & ASSOCIATES	FINANCIAL ADVISORY SERVICES	\$106.00	\$106.00
187693	6/13/2024	120	20240606	MATTHEW LUBINA	EXP REIMB: TEAM RECOGNITION	\$103.00	\$103.00
187709	6/13/2024	172	3143	SHARESQUARED INC	SHAREPOINT PROFESSIONAL SUPPORT	\$92.50	\$92.50
187708	6/13/2024	170	85340220240522	SAN FRANCISCO WATER DEPT	SERVICE 04/19/24 - 05/20/24	\$89.42	\$89.42
187713	6/13/2024	150	444459	ULTRAEX LLC	COURIER SVCS: 1 BOARDMEMBER DELIVERY - 05/08/24	\$56.30	\$56.30
187630	6/6/2024	132	20240604	ELISABETH HOGUE	REIMB LIVESCAN PRE-EMPLOYMENT	\$40.00	\$40.00
187654	6/6/2024	122	2927022001	WHCI PLUMBING SUPPLY CO	ASTD PARTS & MATERIALS	\$19.54	\$19.54

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Invoices:					Checks:			
			Credit Memos :	0				
			\$0 - \$1,000 :	114	34,361.34	\$0 - \$1,000 :	49	20,389.64
			\$1,000 - \$10,000 :	53	173,658.42	\$1,000 - \$10,000 :	45	162,734.88
			\$10,000 - \$100,000 :	29	838,936.76	\$10,000 - \$100,000 :	17	444,106.68
			Over \$100,000 :	6	3,228,490.43	Over \$100,000 :	7	3,648,215.75
			Total:	202	4,275,446.95	Total:	118	4,275,446.95